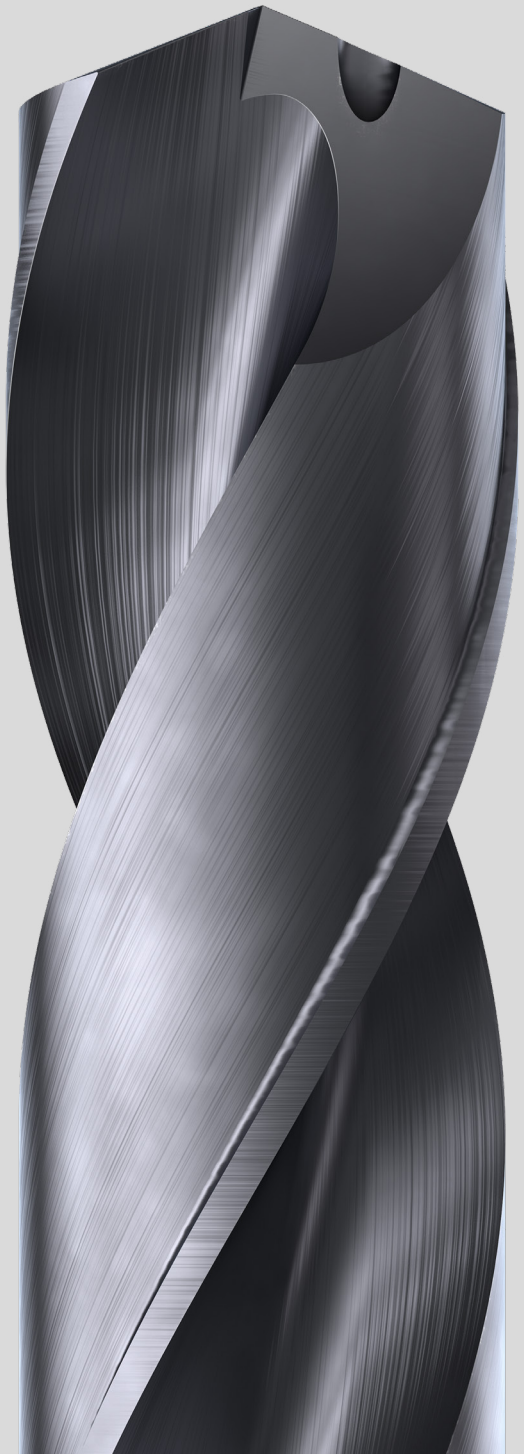
SANDVIK Coromant

2018

Herramientas Versatiles

UNA COMPLETA GAMA DE HERRAMIENTAS DE ALTO RENDIMIENTO, QUE OFRECE ALTA FLEXIBILIDAD Y EFICIENCIA EN LOS COSTES.

FRESADO
TALADRADO
ROSCADO CON MACHO
ESCARIADO

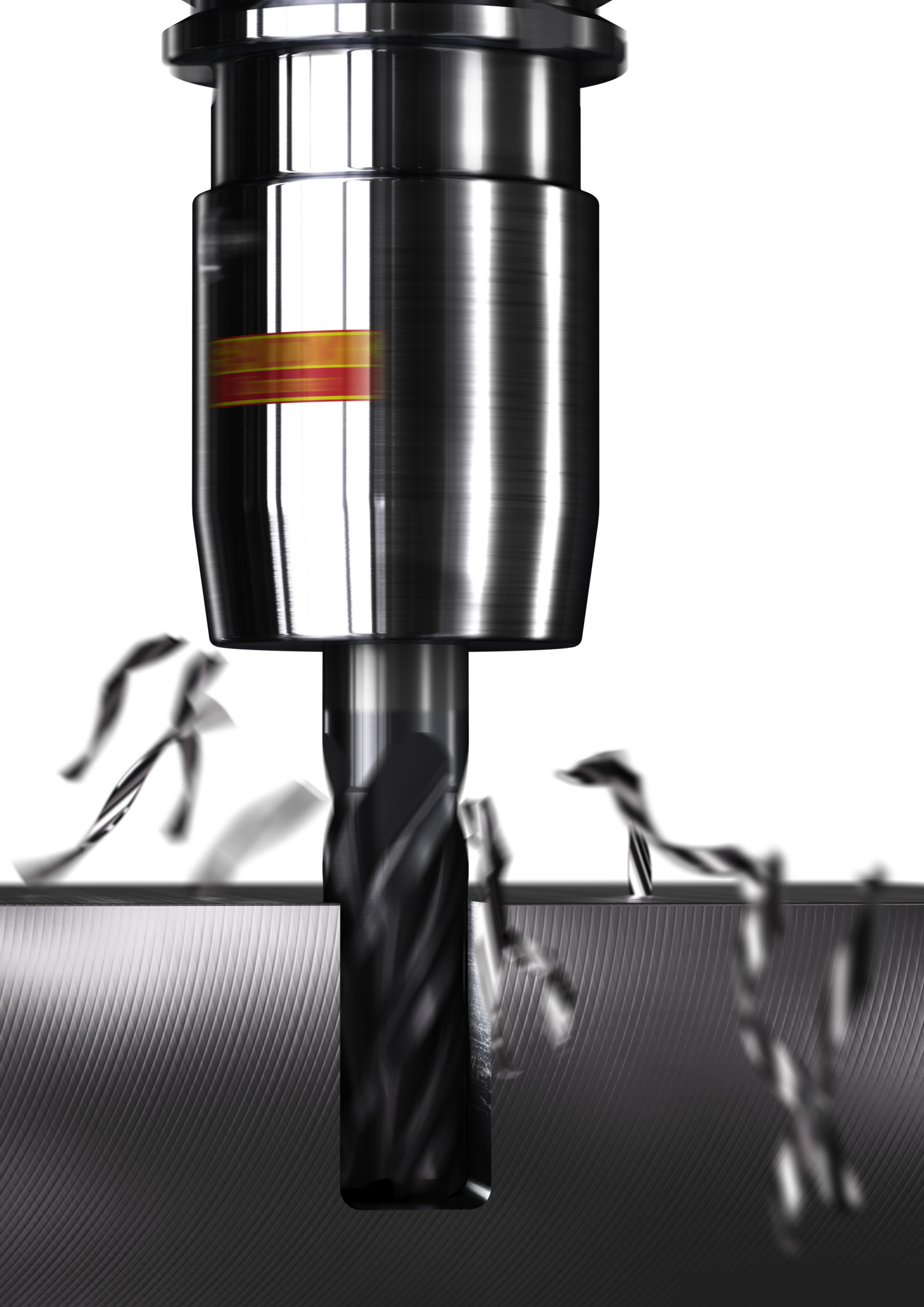


Fresado

Taladrado

Roscado

Escariado



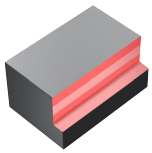
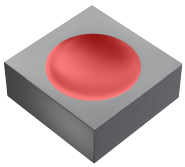
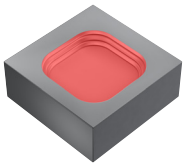
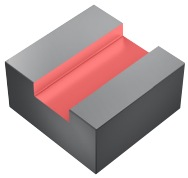
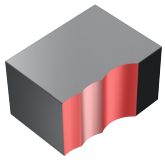
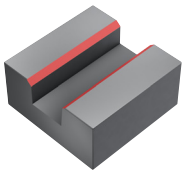
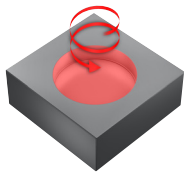
Fresado

Guía de aplicación para la selección de la herramienta

CoroMill® Plura

Versátil										P	M	K	N	S	H	O	Página
Desbaste pesado	+++	++		++	+	+	++			•	•	•	•	•			A5-A17
2 dientes	+++	+		+	+	+	++			•	•	•	•	•			
3 dientes	++	++		+	+	+	++			•	•	•	•	•			
4 dientes	+	+++		++	+	+	+			•	•	•	•	•			
Desbaste medio	++	+++		+++	++	++	++			•	•	•	•	•			A19-A21
3 dientes	++	++		++	++	++	++			•	•	•	•	•			
4 dientes	+	+++		+++	++	++	+			•	•	•	•				
Desbaste con rompevirutas	++	+++		++	++	++	+			•	•	•		•			A23
Fresado de perfiles			+++							•	•	•	•	•			A25-A27
Fresado de chaflanes								+++	+++	•	•	•	•	•	•		A29

Símbolos de las operaciones

Fresado en escuadra 	Fresado de perfiles 	Fresado de cavidades 	Fresado de ranuras 
Penetración 	Mecanizado en rampa 	Achaflanado interior 	Interpolación helicoidal 
Achaflanado exterior 			

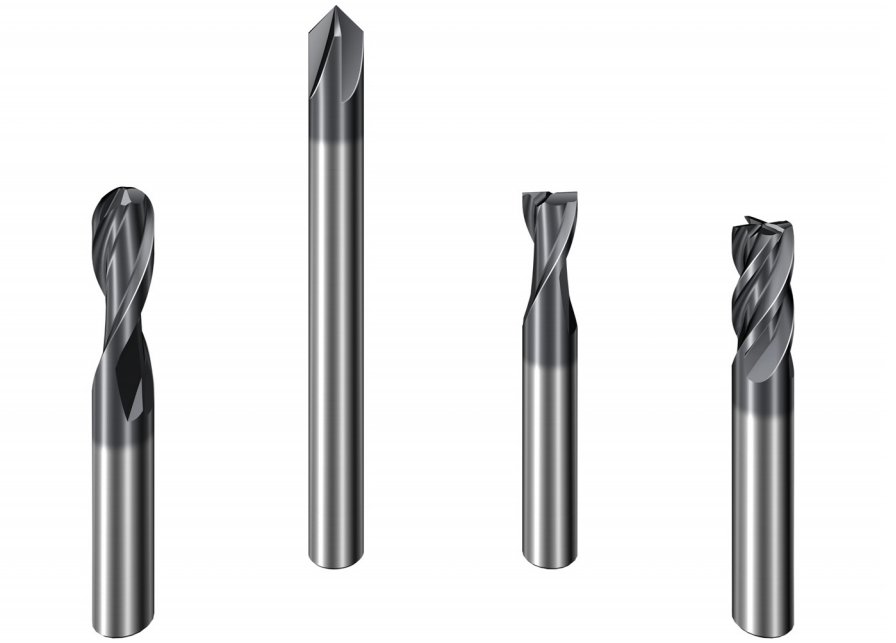
Fresa de ranurar enteriza CoroMill® Plura

	Desbaste pesado	Desbaste medio	Desbaste con rompevirutas	Fresa de punta esférica para perfilado	Fresado de chaflanes
V					
Material	Para múltiples materiales de dureza ≤ 48 HRc	Para múltiples materiales de dureza ≤ 48 HRc	Para múltiples materiales de dureza ≤ 48 HRc	Para múltiples materiales de dureza ≤ 48 HRc	Para múltiples materiales de dureza ≤ 48 HRc
Área de aplicación ISO	P M K N S	P M K N S	P M K S	P M K N S	P M K N S H
D_c mm D_c pulgadas	1.00 - 25.00 .125 - 1.000	2.00 - 25.00 .125 - 1.000	6.00 - 20.00 .250 - 1.000	1.00 - 20.00 .063 - .750	1.00 - 8.00 .047 - .248
FHA	30°, 35°	45°	37°	30°	0°
ZEFP	2, 3, 4	3, 4	4	2, 4	2, 3, 4, 5, 6
RE mm RE pulg.	- -	- -	- -	0.50 - 10.00 .031 - .375	- -
CHW mm CHW pulg.	0.00 - 0.30 .000 - .012	0.00 - 0.20 .000 - .010	0.35 - 0.63 .014 - .031	- -	- -
Mango	Cilíndrico Weldon	Weldon	Cilíndrico Weldon	Cilíndrico	Cilíndrico
BSG	DIN 6527 K DIN 6527 L COROMANT	DIN 6527 L	DIN 6527 L Interior	COROMANT	COROMANT Interior
Calidad	1630	1620, 1630	1640	1620, 1630	1620
Refrigerante interior	✗	✗	✗	✗	✗
Refrigerante exterior	✓	✓	✓	✓	✓
Página	A5-A17	A19-A21	A23	A25-A27	A29

CoroMill® Plura

Fresas de ranurar de alto rendimiento con una gran flexibilidad y rentabilidad

Herramientas **versátiles** desarrolladas para un rendimiento elevado y un mecanizado seguro en materiales, aplicaciones, tamaños y formas de componente diferentes, que ofrecen un máximo aprovechamiento de la máquina.



Aplicación

- Desbaste pesado
- Desbaste medio
- Desbaste con rompevirutas
- Perfilado
- Fresado de chaflanes

Área de aplicación ISO:

P M K N S H O

Para conseguir el mayor rendimiento de la máquina en múltiples componentes y producciones variables, necesita herramientas de la máxima precisión, tenacidad y versatilidad. Cuando contar con un mecanizado preciso, estable y rentable es clave, una fresa CoroMill Plura versátil es su primera elección.

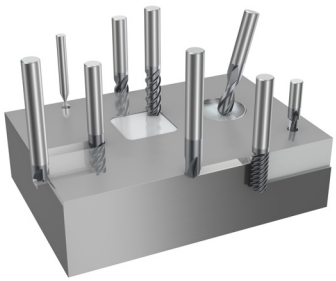
C

Para soluciones personalizadas, vea la página E36

www.sandvik.coromant.com/coromillplura

Gama de productos

- Calidades selectas de nivel avanzado para todos los materiales y condiciones
- Geometrías robustas de diseño inteligente que se adaptan a las diferentes aplicaciones de fresado
- Opciones de mango cilíndrico y Weldon
- Formas de herramienta rectas, con y sin filo rompevirutas
- Herramientas de punta esférica y achaflanado
- Puede reacondicionarse hasta tres veces a su especificación original



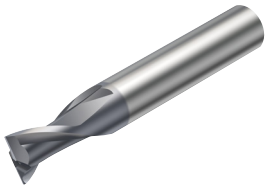
E50

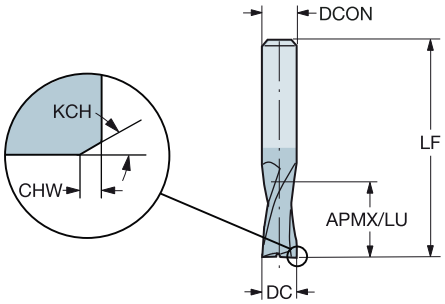
SPA

Fresa de ranurar de metal duro enteriza CoroMill® Plura para desbaste pesado

Para múltiples materiales de dureza ≤ 48 HRc

FHA 30°
BSG DIN 6527 K
TCDCON h6





P M K N S

Versión métrica

DC	CZC_{MS}	APMX	CHW	KCH	LU	ZEFP	Código de pedido	GRADE	Dimensiones, mm DCON	LF
1.0	3	3.5			3.5	2	1P220-0100-XA	1630	3.0	38.0
1.5	3	3.5			3.5	2	1P220-0150-XA	1630	3.0	38.0
1.8	6	3.5			3.5	2	1P220-0180-XA	1630	6.0	50.0
2.0	6	3.5			3.5	2	1P220-0200-XA	1630	6.0	50.0
2.5	6	3.5	0.08	45°	3.5	2	1P220-0250-XA	1630	6.0	50.0
2.8	6	4.5	0.08	45°	4.5	2	1P220-0280-XA	1630	6.0	50.0
3.0	6	4.5	0.08	45°	4.5	2	1P220-0300-XA	1630	6.0	50.0
3.5	6	4.5	0.08	45°	4.5	2	1P220-0350-XA	1630	6.0	50.0
3.8	6	5.5	0.08	45°	5.5	2	1P220-0380-XA	1630	6.0	54.0
4.0	6	5.5	0.13	45°	5.5	2	1P220-0400-XA	1630	6.0	54.0
4.5	6	5.5	0.13	45°	5.5	2	1P220-0450-XA	1630	6.0	54.0
4.8	6	6.5	0.13	45°	6.5	2	1P220-0480-XA	1630	6.0	54.0
5.0	6	6.5	0.13	45°	6.5	2	1P220-0500-XA	1630	6.0	54.0
5.8	6	7.5	0.13	45°	7.5	2	1P220-0575-XA	1630	6.0	54.0
6.0	6	7.5	0.13	45°	7.5	2	1P220-0600-XA	1630	6.0	54.0
6.8	8	8.5	0.13	45°	8.5	2	1P220-0675-XA	1630	8.0	58.0
7.0	8	8.5	0.13	45°	8.5	2	1P220-0700-XA	1630	8.0	58.0
7.8	8	9.5	0.13	45°	9.5	2	1P220-0775-XA	1630	8.0	58.0
8.0	8	9.5	0.20	45°	9.5	2	1P220-0800-XA	1630	8.0	58.0
9.0	10	10.5	0.20	45°	10.5	2	1P220-0900-XA	1630	10.0	66.0
9.7	10	11.5	0.20	45°	11.5	2	1P220-0970-XA	1630	10.0	66.0
10.0	10	11.5	0.20	45°	11.5	2	1P220-1000-XA	1630	10.0	66.0
11.7	12	12.5	0.20	45°	12.5	2	1P220-1170-XA	1630	12.0	73.0
12.0	12	12.5	0.20	45°	12.5	2	1P220-1200-XA	1630	12.0	73.0
13.7	14	14.5	0.20	45°	14.5	2	1P220-1370-XA	1630	14.0	75.0
14.0	14	14.5	0.20	45°	14.5	2	1P220-1400-XA	1630	14.0	75.0
15.7	16	16.5	0.20	45°	16.5	2	1P220-1570-XA	1630	16.0	82.0
16.0	16	16.5	0.20	45°	16.5	2	1P220-1600-XA	1630	16.0	82.0
17.7	18	18.5	0.20	45°	18.5	2	1P220-1770-XA	1630	18.0	84.0
18.0	18	18.5	0.20	45°	18.5	2	1P220-1800-XA	1630	18.0	84.0
19.7	20	20.5	0.30	45°	20.5	2	1P220-1970-XA	1630	20.0	92.0
20.0	20	20.5	0.30	45°	20.5	2	1P220-2000-XA	1630	20.0	92.0

Versión en pulgadas

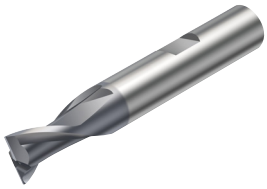
DC	CZC_{MS}	APMX	CHW	KCH	LU	ZEFP	Código de pedido	GRADE	Dimensiones, pulg. DCON	LF
.125	1/8	.172	.003	45°	.172	2	1P220-0318-XA	1630	.125	1.500
.188	3/16	.250	.005	45°	.250	2	1P220-0476-XA	1630	.187	2.000
.250	1/4	.313	.005	45°	.313	2	1P220-0635-XA	1630	.250	2.000
.375	3/8	.469	.008	45°	.469	2	1P220-0953-XA	1630	.375	2.500
.500	1/2	.625	.008	45°	.625	2	1P220-1270-XA	1630	.500	3.000
.625	5/8	.750	.008	45°	.750	2	1P220-1588-XA	1630	.625	3.000
.750	3/4	1.000	.012	45°	1.000	2	1P220-1905-XA	1630	.750	4.000
1.000	1	1.250	.012	45°	1.250	2	1P220-2540-XA	1630	1.000	4.000

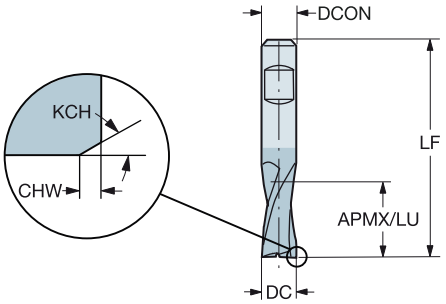
E3 E7 E45 E36 E58 E50

Fresa de ranurar de metal duro enteriza CoroMill® Plura para desbaste pesado

Para múltiples materiales de dureza ≤ 48 HRc

FHA 30°
BSG DIN 6527 K
TCDCON h6





P M K N S

Versión métrica

									Dimensiones, mm	
DC	CZC_{MS}	APMX	CHW	KCH	LU	ZEFP	Código de pedido	GRADE	DCON	LF
1.8	6	3.5			3.5	2	1P220-0180-XB	1630	6.0	50.0
2.0	6	3.5			3.5	2	1P220-0200-XB	1630	6.0	50.0
2.5	6	3.5	0.08	45°	3.5	2	1P220-0250-XB	1630	6.0	50.0
2.8	6	4.5	0.08	45°	4.5	2	1P220-0280-XB	1630	6.0	50.0
3.0	6	4.5	0.08	45°	4.5	2	1P220-0300-XB	1630	6.0	50.0
3.5	6	4.5	0.08	45°	4.5	2	1P220-0350-XB	1630	6.0	50.0
3.8	6	5.5	0.08	45°	5.5	2	1P220-0380-XB	1630	6.0	54.0
4.0	6	5.5	0.13	45°	5.5	2	1P220-0400-XB	1630	6.0	54.0
4.8	6	6.5	0.13	45°	6.5	2	1P220-0480-XB	1630	6.0	54.0
5.0	6	6.5	0.13	45°	6.5	2	1P220-0500-XB	1630	6.0	54.0
5.8	6	7.5	0.13	45°	7.5	2	1P220-0575-XB	1630	6.0	54.0
6.0	6	7.5	0.13	45°	7.5	2	1P220-0600-XB	1630	6.0	54.0
6.8	8	8.5	0.13	45°	8.5	2	1P220-0675-XB	1630	8.0	58.0
7.0	8	8.5	0.13	45°	8.5	2	1P220-0700-XB	1630	8.0	58.0
7.8	8	9.5	0.13	45°	9.5	2	1P220-0775-XB	1630	8.0	58.0
8.0	8	9.5	0.20	45°	9.5	2	1P220-0800-XB	1630	8.0	58.0
9.0	10	10.5	0.20	45°	10.5	2	1P220-0900-XB	1630	10.0	66.0
9.7	10	11.5	0.20	45°	11.5	2	1P220-0970-XB	1630	10.0	66.0
10.0	10	11.5	0.20	45°	11.5	2	1P220-1000-XB	1630	10.0	66.0
11.7	12	12.5	0.20	45°	12.5	2	1P220-1170-XB	1630	12.0	73.0
12.0	12	12.5	0.20	45°	12.5	2	1P220-1200-XB	1630	12.0	73.0
13.7	14	14.5	0.20	45°	14.5	2	1P220-1370-XB	1630	14.0	75.0
14.0	14	14.5	0.20	45°	14.5	2	1P220-1400-XB	1630	14.0	75.0
15.7	16	16.5	0.20	45°	16.5	2	1P220-1570-XB	1630	16.0	82.0
16.0	16	16.5	0.20	45°	16.5	2	1P220-1600-XB	1630	16.0	82.0
17.7	18	18.5	0.20	45°	18.5	2	1P220-1770-XB	1630	18.0	84.0
18.0	18	18.5	0.20	45°	18.5	2	1P220-1800-XB	1630	18.0	84.0
19.7	20	20.5	0.30	45°	20.5	2	1P220-1970-XB	1630	20.0	92.0
20.0	20	20.5	0.30	45°	20.5	2	1P220-2000-XB	1630	20.0	92.0

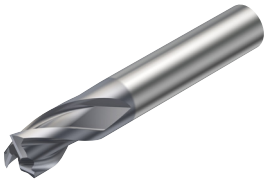
E3 E7 E45 E36 E58 E50

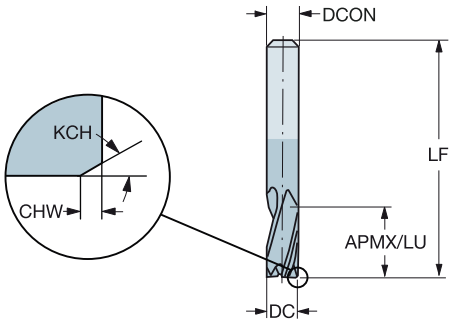
SANDVIK Coromant

Fresa de ranurar de metal duro enteriza CoroMill® Plura para desbaste pesado

Para múltiples materiales de dureza ≤ 48 HRc

FHA	30°
BSG	DIN 6527 K
TCDC	e8
TCDCON	h6





P M K N S

Versión métrica

								Dimensiones, mm	
DC	CZC_{MS}	APMX	CHW	KCH	LU	ZEFP	Código de pedido	GRADE	DCON	LF
1.0	3	3.5			3.5	3	1P221-0100-XA	1630	3.0	38.0
1.5	3	3.5			3.5	3	1P221-0150-XA	1630	3.0	38.0
1.8	6	3.5			3.5	3	1P221-0180-XA	1630	6.0	50.0
2.0	6	3.5			3.5	3	1P221-0200-XA	1630	6.0	50.0
2.5	6	3.5	0.08	45°	3.5	3	1P221-0250-XA	1630	6.0	50.0
2.8	6	4.5	0.08	45°	4.5	3	1P221-0280-XA	1630	6.0	50.0
3.0	6	4.5	0.08	45°	4.5	3	1P221-0300-XA	1630	6.0	50.0
3.5	6	4.5	0.08	45°	4.5	3	1P221-0350-XA	1630	6.0	50.0
3.8	6	5.5	0.08	45°	5.5	3	1P221-0380-XA	1630	6.0	54.0
4.0	6	5.5	0.13	45°	5.5	3	1P221-0400-XA	1630	6.0	54.0
4.5	6	5.5	0.13	45°	5.5	3	1P221-0450-XA	1630	6.0	54.0
4.8	6	6.5	0.13	45°	6.5	3	1P221-0480-XA	1630	6.0	54.0
5.0	6	6.5	0.13	45°	6.5	3	1P221-0500-XA	1630	6.0	54.0
5.8	6	7.5	0.13	45°	7.5	3	1P221-0575-XA	1630	6.0	54.0
6.0	6	7.5	0.13	45°	7.5	3	1P221-0600-XA	1630	6.0	54.0
6.8	8	8.5	0.13	45°	8.5	3	1P221-0675-XA	1630	8.0	58.0
7.0	8	8.5	0.13	45°	8.5	3	1P221-0700-XA	1630	8.0	58.0
7.8	8	9.5	0.13	45°	9.5	3	1P221-0775-XA	1630	8.0	58.0
8.0	8	9.5	0.20	45°	9.5	3	1P221-0800-XA	1630	8.0	58.0
9.0	10	10.5	0.20	45°	10.5	3	1P221-0900-XA	1630	10.0	66.0
9.7	10	11.5	0.20	45°	11.5	3	1P221-0970-XA	1630	10.0	66.0
10.0	10	11.5	0.20	45°	11.5	3	1P221-1000-XA	1630	10.0	66.0
11.7	12	12.5	0.20	45°	12.5	3	1P221-1170-XA	1630	12.0	73.0
12.0	12	12.5	0.20	45°	12.5	3	1P221-1200-XA	1630	12.0	73.0
13.7	14	14.5	0.20	45°	14.5	3	1P221-1370-XA	1630	14.0	75.0
14.0	14	14.5	0.20	45°	14.5	3	1P221-1400-XA	1630	14.0	75.0
15.7	16	16.5	0.20	45°	16.5	3	1P221-1570-XA	1630	16.0	82.0
16.0	16	16.5	0.20	45°	16.5	3	1P221-1600-XA	1630	16.0	82.0
17.7	18	18.5	0.20	45°	18.5	3	1P221-1770-XA	1630	18.0	84.0
18.0	18	18.5	0.20	45°	18.5	3	1P221-1800-XA	1630	18.0	84.0
19.7	20	20.5	0.30	45°	20.5	3	1P221-1970-XA	1630	20.0	92.0
20.0	20	20.5	0.30	45°	20.5	3	1P221-2000-XA	1630	20.0	92.0

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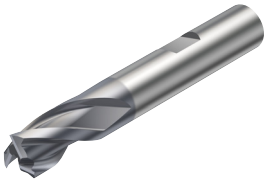
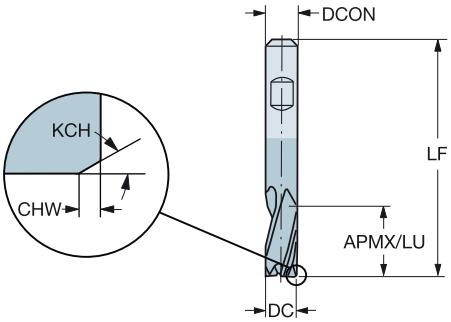
Fresa de ranurar de metal duro enteriza CoroMill® Plura para desbaste pesado

Para múltiples materiales de dureza ≤ 48 HRc

FHA	30°
BSG	DIN 6527 K
TCDC	e8
TCDCON	h6





P M K N S

Versión métrica

									Dimensiones, mm	
DC	CZC_{MS}	APMX	CHW	KCH	LU	ZEFP	Código de pedido	GRADE	DCON	LF
1.8	6	3.5			3.5	3	1P221-0180-XB	1630	6.0	50.0
2.0	6	3.5			3.5	3	1P221-0200-XB	1630	6.0	50.0
2.5	6	3.5	0.08	45°	3.5	3	1P221-0250-XB	1630	6.0	50.0
2.8	6	4.5	0.08	45°	4.5	3	1P221-0280-XB	1630	6.0	50.0
3.0	6	4.5	0.08	45°	4.5	3	1P221-0300-XB	1630	6.0	50.0
3.5	6	4.5	0.08	45°	4.5	3	1P221-0350-XB	1630	6.0	50.0
3.8	6	5.5	0.08	45°	5.5	3	1P221-0380-XB	1630	6.0	54.0
4.0	6	5.5	0.13	45°	5.5	3	1P221-0400-XB	1630	6.0	54.0
4.5	6	5.5	0.13	45°	5.5	3	1P221-0450-XB	1630	6.0	54.0
4.8	6	6.5	0.13	45°	6.5	3	1P221-0480-XB	1630	6.0	54.0
5.0	6	6.5	0.13	45°	6.5	3	1P221-0500-XB	1630	6.0	54.0
5.8	6	7.5	0.13	45°	7.5	3	1P221-0575-XB	1630	6.0	54.0
6.0	6	7.5	0.13	45°	7.5	3	1P221-0600-XB	1630	6.0	54.0
6.8	8	8.5	0.13	45°	8.5	3	1P221-0675-XB	1630	8.0	58.0
7.0	8	8.5	0.13	45°	8.5	3	1P221-0700-XB	1630	8.0	58.0
7.8	8	9.5	0.13	45°	9.5	3	1P221-0775-XB	1630	8.0	58.0
8.0	8	9.5	0.20	45°	9.5	3	1P221-0800-XB	1630	8.0	58.0
9.0	10	10.5	0.20	45°	10.5	3	1P221-0900-XB	1630	10.0	66.0
9.7	10	11.5	0.20	45°	11.5	3	1P221-0970-XB	1630	10.0	66.0
10.0	10	11.5	0.20	45°	11.5	3	1P221-1000-XB	1630	10.0	66.0
11.7	12	12.5	0.20	45°	12.5	3	1P221-1170-XB	1630	12.0	73.0
12.0	12	12.5	0.20	45°	12.5	3	1P221-1200-XB	1630	12.0	73.0
13.7	14	14.5	0.20	45°	14.5	3	1P221-1370-XB	1630	14.0	75.0
14.0	14	14.5	0.20	45°	14.5	3	1P221-1400-XB	1630	14.0	75.0
15.7	16	16.5	0.20	45°	16.5	3	1P221-1570-XB	1630	16.0	82.0
16.0	16	16.5	0.20	45°	16.5	3	1P221-1600-XB	1630	16.0	82.0
17.7	18	18.5	0.20	45°	18.5	3	1P221-1770-XB	1630	18.0	84.0
18.0	18	18.5	0.20	45°	18.5	3	1P221-1800-XB	1630	18.0	84.0
19.7	20	20.5	0.30	45°	20.5	3	1P221-1970-XB	1630	20.0	92.0
20.0	20	20.5	0.30	45°	20.5	3	1P221-2000-XB	1630	20.0	92.0

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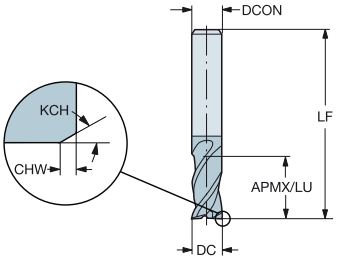
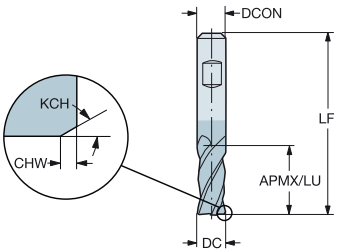
SANDVIK Coromant

Fresa de ranurar de metal duro enteriza CoroMill® Plura para desbaste pesado

Para múltiples materiales de dureza ≤ 48 HRc

	1P222-XA	1P222-XB
FHA	35°	35°
BSG	DIN 6527 K	DIN 6527 K
TCDC	h10	h10
TCDCON	h6	h6





P M K N S

Versión métrica

										Dimensiones, mm	
DC	CZC_{MS}	APMX	CHW	KCH	LU	ZEFP	**Código de pedido**	GRADE	DCON	LF
2.0	6	4.5			4.5	4	**1P222-0200-XB**	1630	6.0	50.0
	6	4.5			4.5	4	1P222-0200-XA	1630	6.0	50.0
3.0	6	5.5	0.08	45°	5.0	4	**1P222-0300-XB**	1630	6.0	50.0
	6	5.5	0.08	45°	5.5	4	1P222-0300-XA	1630	6.0	50.0
4.0	6	8.5	0.13	45°	8.5	4	**1P222-0400-XB**	1630	6.0	54.0
	6	8.5	0.13	45°	8.5	4	1P222-0400-XA	1630	6.0	54.0
5.0	6	9.5	0.13	45°	9.5	4	**1P222-0500-XB**	1630	6.0	54.0
	6	9.5	0.13	45°	9.5	4	1P222-0500-XA	1630	6.0	54.0
6.0	6	10.5	0.13	45°	10.5	4	**1P222-0600-XB**	1630	6.0	54.0
	6	10.5	0.13	45°	10.5	4	1P222-0600-XA	1630	6.0	54.0
7.0	8	11.5	0.13	45°	11.5	4	**1P222-0700-XB**	1630	8.0	58.0
	8	11.5	0.13	45°	11.5	4	1P222-0700-XA	1630	8.0	58.0
8.0	8	12.5	0.13	45°	12.5	4	**1P222-0800-XB**	1630	8.0	58.0
	8	12.5	0.13	45°	12.5	4	1P222-0800-XA	1630	8.0	58.0
10.0	10	14.5	0.20	45°	14.5	4	**1P222-1000-XB**	1630	10.0	66.0
	10	14.5	0.20	45°	14.5	4	1P222-1000-XA	1630	10.0	66.0
12.0	12	16.5	0.20	45°	16.5	4	**1P222-1200-XB**	1630	12.0	73.0
	12	16.5	0.20	45°	16.5	4	1P222-1200-XA	1630	12.0	73.0
16.0	16	22.5	0.20	45°	22.5	4	**1P222-1600-XB**	1630	16.0	82.0
	16	22.5	0.20	45°	22.5	4	1P222-1600-XA	1630	16.0	82.0
20.0	20	26.5	0.30	45°	26.5	4	**1P222-2000-XB**	1630	20.0	92.0
	20	26.5	0.30	45°	26.5	4	1P222-2000-XA	1630	20.0	92.0
25.0	25	32.5	0.30	45°	32.5	4	**1P222-2500-XB**	1630	25.0	121.0
	25	32.5	0.30	45°	32.5	4	1P222-2500-XA	1630	25.0	121.0

Versión en pulgadas

									Dimensiones, pulg.	
DC	CZC_{MS}	APMX	CHW	KCH	LU	ZEFP	**Código de pedido**	GRADE	DCON	LF
.125	1/8	.219	.003	45°	.219	4	**1P222-0318-XA**	1630	.125	1.500
.188	3/16	.375	.005	45°	.375	4	**1P222-0476-XA**	1630	.187	2.000
.250	1/4	.437	.005	45°	.437	4	**1P222-0635-XA**	1630	.250	2.000
.375	3/8	.625	.008	45°	.625	4	**1P222-0953-XA**	1630	.375	2.500
.500	1/2	.875	.008	45°	.875	4	**1P222-1270-XA**	1630	.500	3.000
.625	5/8	1.063	.008	45°	1.063	4	**1P222-1588-XA**	1630	.625	3.500
.750	3/4	1.250	.010	45°	1.250	4	**1P222-1905-XA**	1630	.750	4.000
1.000	1	1.687	.012	45°	1.687	4	**1P222-2540-XA**	1630	1.000	5.000

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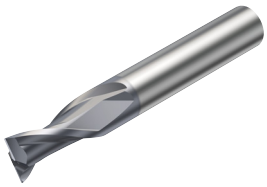
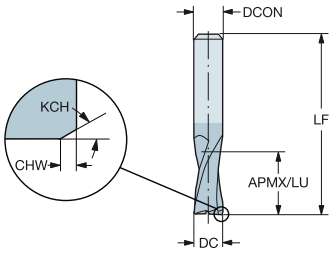
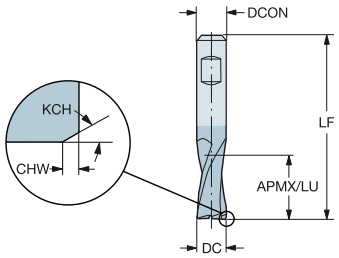
Fresa de ranurar de metal duro enteriza CoroMill® Plura para desbaste pesado

Para múltiples materiales de dureza ≤ 48 HRc

	1P230-XA	1P230-XB
FHA	30°	30°
BSG	DIN 6527 L	DIN 6527 L
TCDCON	h6	h6







P M K N S

Versión métrica

									Dimensiones, mm	
DC	CZC_{MS}	APMX	CHW	KCH	LU	ZEFP	Código de pedido	GRADE	DCON	LF
1.0	3	4.5			4.5	2	1P230-0100-XA	1630	3.0	38.0
1.5	3	4.5			4.5	2	1P230-0150-XA	1630	3.0	38.0
2.0	6	6.5			6.5	2	1P230-0200-XB	1630	6.0	57.0
	6	6.5			6.5	2	1P230-0200-XA	1630	6.0	57.0
2.5	6	7.5	0.08	45°	7.5	2	1P230-0250-XB	1630	6.0	57.0
	6	7.5	0.08	45°	7.5	2	1P230-0250-XA	1630	6.0	57.0
3.0	6	7.5	0.08	45°	7.5	2	1P230-0300-XB	1630	6.0	57.0
	6	7.5	0.08	45°	7.5	2	1P230-0300-XA	1630	6.0	57.0
3.5	6	7.5	0.08	45°	7.5	2	1P230-0350-XB	1630	6.0	57.0
	6	7.5	0.08	45°	7.5	2	1P230-0350-XA	1630	6.0	57.0
4.0	6	8.5	0.13	45°	8.5	2	1P230-0400-XB	1630	6.0	57.0
	6	8.5	0.13	45°	8.5	2	1P230-0400-XA	1630	6.0	57.0
4.5	6	8.5	0.13	45°	8.5	2	1P230-0450-XB	1630	6.0	57.0
	6	8.5	0.13	45°	8.5	2	1P230-0450-XA	1630	6.0	57.0
5.0	6	10.5	0.13	45°	10.5	2	1P230-0500-XB	1630	6.0	57.0
	6	10.5	0.13	45°	10.5	2	1P230-0500-XA	1630	6.0	57.0
6.0	6	10.5	0.13	45°	10.5	2	1P230-0600-XB	1630	6.0	57.0
	6	10.5	0.13	45°	10.5	2	1P230-0600-XA	1630	6.0	57.0
7.0	8	13.5	0.13	45°	13.5	2	1P230-0700-XB	1630	8.0	63.0
	8	13.5	0.20	45°	13.5	2	1P230-0700-XA	1630	8.0	63.0
8.0	8	16.5	0.20	45°	16.5	2	1P230-0800-XB	1630	8.0	63.0
	8	16.5	0.20	45°	16.5	2	1P230-0800-XA	1630	8.0	63.0
9.0	10	16.5	0.20	45°	16.5	2	1P230-0900-XB	1630	10.0	72.0
	10	16.5	0.20	45°	16.5	2	1P230-0900-XA	1630	10.0	72.0
10.0	10	19.5	0.20	45°	19.5	2	1P230-1000-XB	1630	10.0	72.0
	10	19.5	0.20	45°	19.5	2	1P230-1000-XA	1630	10.0	72.0
11.0	12	22.5	0.20	45°	22.5	2	1P230-1100-XB	1630	12.0	83.0
	12	22.5	0.20	45°	22.5	2	1P230-1100-XA	1630	12.0	83.0
12.0	12	22.5	0.20	45°	22.5	2	1P230-1200-XB	1630	12.0	83.0
	12	22.5	0.20	45°	22.5	2	1P230-1200-XA	1630	12.0	83.0
14.0	14	22.5	0.20	45°	22.5	2	1P230-1400-XB	1630	14.0	83.0
	14	22.5	0.20	45°	22.5	2	1P230-1400-XA	1630	14.0	83.0
16.0	16	26.5	0.20	45°	26.5	2	1P230-1600-XB	1630	16.0	92.0
	16	26.5	0.20	45°	26.5	2	1P230-1600-XA	1630	16.0	92.0
18.0	18	26.5	0.20	45°	26.5	2	1P230-1800-XB	1630	18.0	92.0
	18	26.5	0.20	45°	26.5	2	1P230-1800-XA	1630	18.0	92.0
20.0	20	32.5	0.30	45°	32.5	2	1P230-2000-XB	1630	20.0	104.0
	20	32.5	0.30	45°	32.5	2	1P230-2000-XA	1630	20.0	104.0

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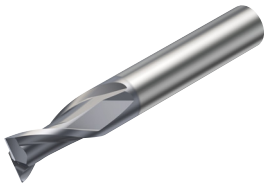
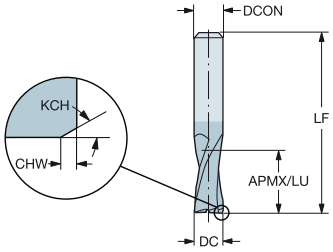
SANDVIK Coromant

Fresa de ranurar de metal duro enteriza CoroMill® Plura para desbaste pesado

Para múltiples materiales de dureza ≤ 48 HRc

FHA	30°
BSG	DIN 6527 L
TCDCON	h6





P M K N S

Versión en pulgadas

									Dimensiones, pulg.	
DC	CZC_{MS}	APMX	CHW	KCH	LU	ZEFP	**Código de pedido**	GRADE	DCON	LF
.125	1/8	.313	.003	45°	.313	2	**1P230-0318-XA**	1630	.125	1.500
.188	3/16	.406	.005	45°	.406	2	**1P230-0476-XA**	1630	.187	2.000
.250	1/4	.453	.005	45°	.453	2	**1P230-0635-XA**	1630	.250	2.500
.375	3/8	.687	.008	45°	.687	2	**1P230-0953-XA**	1630	.375	2.500
.500	1/2	.937	.008	45°	.937	2	**1P230-1270-XA**	1630	.500	3.000
.625	5/8	1.125	.008	45°	1.125	2	**1P230-1588-XA**	1630	.625	3.500
.750	3/4	1.219	.012	45°	1.219	2	**1P230-1905-XA**	1630	.750	4.000
1.000	1	1.625	.012	45°	1.625	2	**1P230-2540-XA**	1630	1.000	5.000

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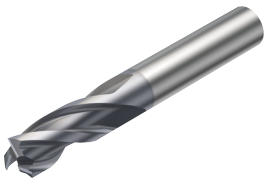
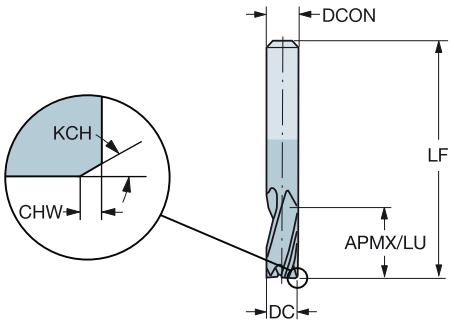
Fresa de ranurar de metal duro enteriza CoroMill® Plura para desbaste pesado

Para múltiples materiales de dureza ≤ 48 HRc

FHA	30°
BSG	DIN 6527 L
TCDCON	h6





P M K N S

Versión métrica

										Dimensiones, mm	
DC	CZC_{MS}	APMX	CHW	KCH	LU	ZEFP	**Código de pedido**		GRADE	DCON	LF
1.0	3	4.5			4.5	3	**1P231-0100-XA**		1630	3.0	38.0
1.5	3	4.5			4.5	3	**1P231-0150-XA**		1630	3.0	38.0
2.0	6	6.5			6.5	3	**1P231-0200-XA**		1630	6.0	57.0
2.5	6	7.5	0.08	45°	7.5	3	**1P231-0250-XA**		1630	6.0	57.0
3.0	6	7.5	0.08	45°	7.5	3	**1P231-0300-XA**		1630	6.0	57.0
3.5	6	7.5	0.08	45°	7.5	3	**1P231-0350-XA**		1630	6.0	57.0
4.0	6	8.5	0.13	45°	8.5	3	**1P231-0400-XA**		1630	6.0	57.0
4.5	6	8.5	0.13	45°	8.5	3	**1P231-0450-XA**		1630	6.0	57.0
5.0	6	10.5	0.13	45°	10.5	3	**1P231-0500-XA**		1630	6.0	57.0
5.5	6	10.5	0.13	45°	10.5	3	**1P231-0550-XA**		1630	6.0	57.0
6.0	6	10.5	0.13	45°	10.5	3	**1P231-0600-XA**		1630	6.0	57.0
6.5	8	13.5	0.13	45°	13.5	3	**1P231-0650-XA**		1630	8.0	63.0
7.0	8	13.5	0.13	45°	13.5	3	**1P231-0700-XA**		1630	8.0	63.0
7.5	8	16.5	0.13	45°	16.5	3	**1P231-0750-XA**		1630	8.0	63.0
8.0	8	16.5	0.20	45°	16.5	3	**1P231-0800-XA**		1630	8.0	63.0
9.0	10	16.5	0.20	45°	16.5	3	**1P231-0900-XA**		1630	10.0	72.0
10.0	10	19.5	0.20	45°	19.5	3	**1P231-1000-XA**		1630	10.0	72.0
11.0	12	22.5	0.20	45°	22.5	3	**1P231-1100-XA**		1630	12.0	83.0
12.0	12	22.5	0.20	45°	22.5	3	**1P231-1200-XA**		1630	12.0	83.0
13.0	14	22.5	0.20	45°	22.5	3	**1P231-1300-XA**		1630	14.0	83.0
14.0	14	22.5	0.20	45°	22.5	3	**1P231-1400-XA**		1630	14.0	83.0
15.0	16	26.5	0.20	45°	26.5	3	**1P231-1500-XA**		1630	16.0	92.0
16.0	16	26.5	0.20	45°	26.5	3	**1P231-1600-XA**		1630	16.0	92.0
18.0	18	26.5	0.20	45°	26.5	3	**1P231-1800-XA**		1630	18.0	92.0
20.0	20	32.5	0.30	45°	32.5	3	**1P231-2000-XA**		1630	20.0	104.0

Versión en pulgadas

										Dimensiones, pulg.	
DC	CZC_{MS}	APMX	CHW	KCH	LU	ZEFP	**Código de pedido**		GRADE	DCON	LF
.125	1/8	.313	.003	45°	.313	3	**1P231-0318-XA**		1630	.125	1.500
.188	3/16	.406	.005	45°	.406	3	**1P231-0476-XA**		1630	.187	2.000
.250	1/4	.453	.005	45°	.453	3	**1P231-0635-XA**		1630	.250	2.500
.375	3/8	.687	.008	45°	.687	3	**1P231-0953-XA**		1630	.375	2.500
.500	1/2	.937	.008	45°	.937	3	**1P231-1270-XA**		1630	.500	3.000
.625	5/8	1.125	.008	45°	1.125	3	**1P231-1588-XA**		1630	.625	3.500
.750	3/4	1.219	.012	45°	1.219	3	**1P231-1905-XA**		1630	.750	4.000
1.000	1	1.625	.012	45°	1.625	3	**1P231-2540-XA**		1630	1.000	5.000

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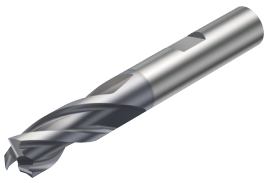
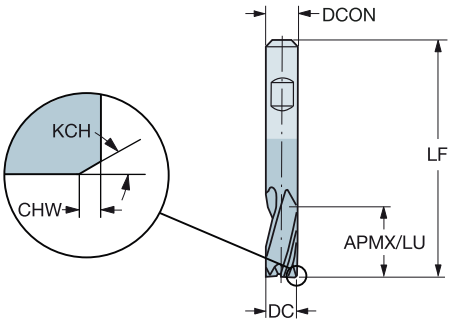
SANDVIK Coromant

Fresa de ranurar de metal duro enteriza CoroMill® Plura para desbaste pesado

Para múltiples materiales de dureza ≤ 48 HRc

FHA 30°
BSG DIN 6527 L
TCDCON h6





P M K N S

Versión métrica

DC	CZC_{MS}	APMX	CHW	KCH	LU	ZEFP	Código de pedido	GRADE	Dimensiones, mm DCON	LF
4.5	6	8.5	0.13	45°	8.5	3	1P231-0450-XB	1630	6.0	57.0
5.0	6	10.5	0.13	45°	10.5	3	1P231-0500-XB	1630	6.0	57.0
5.5	6	10.5	0.13	45°	10.5	3	1P231-0550-XB	1630	6.0	57.0
6.0	6	10.5	0.13	45°	10.5	3	1P231-0600-XB	1630	6.0	57.0
6.5	8	13.5	0.13	45°	13.5	3	1P231-0650-XB	1630	8.0	63.0
7.0	8	13.5	0.13	45°	13.5	3	1P231-0700-XB	1630	8.0	63.0
7.5	8	16.5	0.13	45°	16.5	3	1P231-0750-XB	1630	8.0	63.0
8.0	8	16.5	0.20	45°	16.5	3	1P231-0800-XB	1630	8.0	63.0
9.0	10	16.5	0.20	45°	16.5	3	1P231-0900-XB	1630	10.0	72.0
10.0	10	19.5	0.20	45°	19.5	3	1P231-1000-XB	1630	10.0	72.0
11.0	12	22.5	0.20	45°	22.5	3	1P231-1100-XB	1630	12.0	83.0
12.0	12	22.5	0.20	45°	22.5	3	1P231-1200-XB	1630	12.0	83.0
13.0	14	22.5	0.20	45°	22.5	3	1P231-1300-XB	1630	14.0	83.0
14.0	14	22.5	0.20	45°	22.5	3	1P231-1400-XB	1630	14.0	83.0
15.0	16	26.5	0.20	45°	26.5	3	1P231-1500-XB	1630	16.0	92.0
16.0	16	26.5	0.20	45°	26.5	3	1P231-1600-XB	1630	16.0	92.0
18.0	18	26.5	0.20	45°	26.5	3	1P231-1800-XB	1630	18.0	92.0
20.0	20	32.5	0.30	45°	32.5	3	1P231-2000-XB	1630	20.0	104.0

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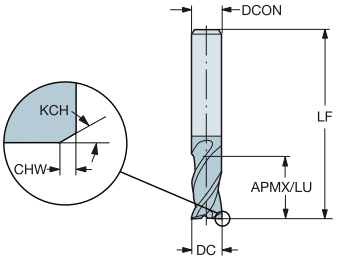
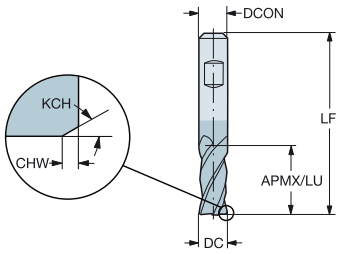
Fresa de ranurar de metal duro enteriza CoroMill® Plura para desbaste pesado

Para múltiples materiales de dureza ≤ 48 HRc

	1P240-XA	1P240-XB
FHA	35°	35°
BSG	DIN 6527 L	DIN 6527 L
TCDC	h10	h10
TCDCON	h6	h6





P M K N S

Versión métrica

									Dimensiones, mm	
DC	CZC_{MS}	APMX	CHW	KCH	LU	ZEFP	Código de pedido	GRADE	DCON	LF
2.0	6	7.5			7.5	4	1P240-0200-XA	1630	6.0	57.0
3.0	6	8.5	0.08	45°	8.5	4	1P240-0300-XA	1630	6.0	57.0
3.5	6	10.5	0.08	45°	10.5	4	1P240-0350-XA	1630	6.0	57.0
4.0	6	11.5	0.13	45°	11.5	4	1P240-0400-XB	1630	6.0	57.0
	6	11.5	0.13	45°	11.5	4	1P240-0400-XA	1630	6.0	57.0
4.5	6	11.5	0.13	45°	11.5	4	1P240-0450-XB	1630	6.0	57.0
	6	11.5	0.13	45°	11.5	4	1P240-0450-XA	1630	6.0	57.0
5.0	6	13.5	0.13	45°	13.5	4	1P240-0500-XB	1630	6.0	57.0
	6	13.5	0.13	45°	13.5	4	1P240-0500-XA	1630	6.0	57.0
5.5	6	13.5	0.13	45°	13.5	4	1P240-0550-XB	1630	6.0	57.0
	6	13.5	0.13	45°	13.5	4	1P240-0550-XA	1630	6.0	57.0
6.0	6	13.5	0.13	45°	13.5	4	1P240-0600-XB	1630	6.0	57.0
	6	13.5	0.13	45°	13.5	4	1P240-0600-XA	1630	6.0	57.0
6.5	8	16.5	0.13	45°	16.5	4	1P240-0650-XA	1630	8.0	63.0
7.0	8	16.5	0.13	45°	16.5	4	1P240-0700-XB	1630	8.0	63.0
	8	16.5	0.13	45°	16.5	4	1P240-0700-XA	1630	8.0	63.0
8.0	8	19.5	0.13	45°	19.5	4	1P240-0800-XB	1630	8.0	63.0
	8	19.5	0.13	45°	19.5	4	1P240-0800-XA	1630	8.0	63.0
9.0	10	19.5	0.13	45°	19.5	4	1P240-0900-XB	1630	10.0	72.0
	10	19.5	0.13	45°	19.5	4	1P240-0900-XA	1630	10.0	72.0
10.0	10	22.5	0.20	45°	22.5	4	1P240-1000-XB	1630	10.0	72.0
	10	22.5	0.20	45°	22.5	4	1P240-1000-XA	1630	10.0	72.0
12.0	12	26.5	0.20	45°	26.5	4	1P240-1200-XB	1630	12.0	83.0
	12	26.5	0.20	45°	26.5	4	1P240-1200-XA	1630	12.0	83.0
14.0	14	26.5	0.20	45°	26.5	4	1P240-1400-XB	1630	14.0	83.0
	14	26.5	0.20	45°	26.5	4	1P240-1400-XA	1630	14.0	83.0
16.0	16	32.5	0.20	45°	32.5	4	1P240-1600-XB	1630	16.0	92.0
	16	32.5	0.20	45°	32.5	4	1P240-1600-XA	1630	16.0	92.0
18.0	18	32.5	0.20	45°	32.5	4	1P240-1800-XB	1630	18.0	92.0
	18	32.5	0.20	45°	32.5	4	1P240-1800-XA	1630	18.0	92.0
20.0	20	38.5	0.30	45°	38.5	4	1P240-2000-XB	1630	20.0	104.0
	20	38.5	0.30	45°	38.5	4	1P240-2000-XA	1630	20.0	104.0
25.0	25	45.5	0.30	45°	45.5	4	1P240-2500-XB	1630	25.0	121.0
	25	45.5	0.30	45°	45.5	4	1P240-2500-XA	1630	25.0	121.0

Versión en pulgadas

									Dimensiones, pulg.	
DC	CZC_{MS}	APMX	CHW	KCH	LU	ZEFP	Código de pedido	GRADE	DCON	LF
.125	1/8	.359	.003	45°	.359	4	1P240-0318-XA	1630	.125	1.500
.188	3/16	.547	.005	45°	.547	4	1P240-0476-XA	1630	.187	2.000
.250	1/4	.562	.005	45°	.562	4	1P240-0635-XA	1630	.250	2.500
.375	3/8	.844	.008	45°	.844	4	1P240-0953-XA	1630	.375	3.000
.500	1/2	1.125	.008	45°	1.125	4	1P240-1270-XA	1630	.500	3.500
.625	5/8	1.313	.008	45°	1.313	4	1P240-1588-XA	1630	.625	4.000
.750	3/4	1.437	.012	45°	1.437	4	1P240-1905-XA	1630	.750	4.000
1.000	1	1.828	.012	45°	1.828	4	1P240-2540-XA	1630	1.000	5.000

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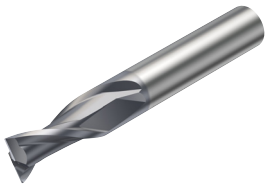
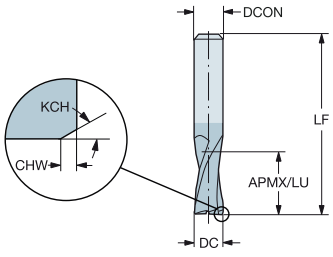
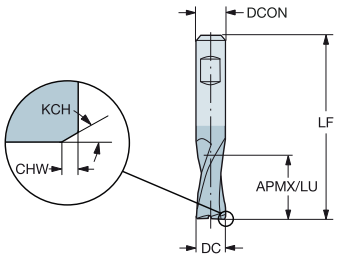
Fresa de ranurar de metal duro enteriza CoroMill® Plura para desbaste pesado

Para múltiples materiales de dureza ≤ 48 HRc

	1P250-XA	1P250-XB
FHA	30°	30°
BSG	COROMANT	COROMANT
TCDCON	h6	h6







P M K N S

Versión métrica

										Dimensiones, mm	
DC	CZC_{MS}	APMX	CHW	KCH	LU	ZEFP	**Código de pedido**	GRADE	DCON	LF
2.0	6	8.5			8.5	2	**1P250-0200-XA**	1630	6.0	57.0
2.5	6	12.5	0.08	45°	12.5	2	**1P250-0250-XA**	1630	6.0	57.0
3.0	6	12.5	0.08	45°	12.5	2	**1P250-0300-XA**	1630	6.0	57.0
4.0	6	14.5	0.13	45°	14.5	2	**1P250-0400-XB**	1630	6.0	57.0
	6	14.5	0.13	45°	14.5	2	**1P250-0400-XA**	1630	6.0	57.0
5.0	6	16.5	0.13	45°	16.5	2	**1P250-0500-XB**	1630	6.0	57.0
	6	16.5	0.13	45°	16.5	2	**1P250-0500-XA**	1630	6.0	57.0
6.0	6	19.5	0.13	45°	19.5	2	**1P250-0600-XB**	1630	6.0	57.0
	6	19.5	0.13	45°	19.5	2	**1P250-0600-XA**	1630	6.0	57.0
7.0	8	19.5	0.13	45°	19.5	2	**1P250-0700-XA**	1630	8.0	63.0
8.0	8	19.5	0.20	45°	19.5	2	**1P250-0800-XB**	1630	8.0	63.0
	8	19.5	0.20	45°	19.5	2	**1P250-0800-XA**	1630	8.0	63.0
9.0	10	21.5	0.20	45°	21.5	2	**1P250-0900-XB**	1630	10.0	72.0
	10	21.5	0.20	45°	21.5	2	**1P250-0900-XA**	1630	10.0	72.0
10.0	10	22.5	0.20	45°	22.5	2	**1P250-1000-XB**	1630	10.0	72.0
	10	22.5	0.20	45°	22.5	2	**1P250-1000-XA**	1630	10.0	72.0
12.0	12	25.5	0.20	45°	25.5	2	**1P250-1200-XB**	1630	12.0	83.0
	12	25.5	0.20	45°	25.5	2	**1P250-1200-XA**	1630	12.0	83.0
14.0	14	30.5	0.20	45°	30.5	2	**1P250-1400-XA**	1630	14.0	83.0
16.0	16	32.5	0.20	45°	32.5	2	**1P250-1600-XB**	1630	16.0	92.0
	16	32.5	0.20	45°	32.5	2	**1P250-1600-XA**	1630	16.0	92.0
18.0	18	32.5	0.20	45°	32.5	2	**1P250-1800-XB**	1630	18.0	92.0
	18	32.5	0.20	45°	32.5	2	**1P250-1800-XA**	1630	18.0	92.0
20.0	20	38.5	0.30	45°	38.5	2	**1P250-2000-XB**	1630	20.0	104.0
	20	38.5	0.30	45°	38.5	2	**1P250-2000-XA**	1630	20.0	104.0

Versión en pulgadas

									Dimensiones, pulg.	
DC	CZC_{MS}	APMX	CHW	KCH	LU	ZEFP	**Código de pedido**	GRADE	DCON	LF
.125	1/8	.359	.003	45°	.359	2	**1P250-0318-XA**	1630	.125	1.500
.188	3/16	.687	.005	45°	.687	2	**1P250-0476-XA**	1630	.187	2.000
.250	1/4	.813	.005	45°	.813	2	**1P250-0635-XA**	1630	.250	2.500
.375	3/8	.875	.008	45°	.875	2	**1P250-0953-XA**	1630	.375	3.000
.500	1/2	1.188	.008	45°	1.188	2	**1P250-1270-XA**	1630	.500	3.500
.625	5/8	1.484	.008	45°	1.484	2	**1P250-1588-XA**	1630	.625	4.000
.750	3/4	1.687	.012	45°	1.687	2	**1P250-1905-XA**	1630	.750	4.000
1.000	1	2.250	.012	45°	2.250	2	**1P250-2540-XA**	1630	1.000	5.000

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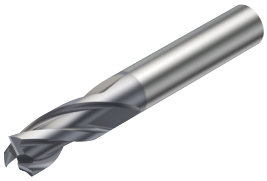
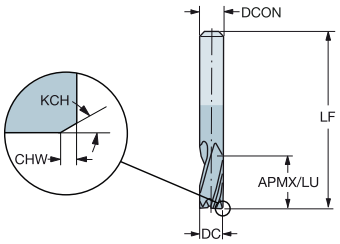
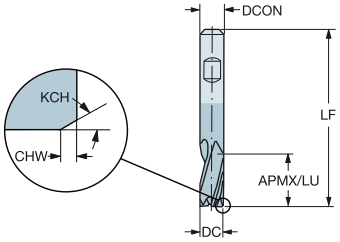
Fresa de ranurar de metal duro enteriza CoroMill® Plura para desbaste pesado

Para múltiples materiales de dureza ≤ 48 HRc

	1P251-XA	1P251-XB
FHA	30°	30°
BSG	COROMANT	COROMANT
TCDCON	h6	h6







P M K N S

Versión métrica

									Dimensiones, mm	
DC	CZC_{MS}	APMX	CHW	KCH	LU	ZEFP	**Código de pedido**	GRADE	DCON	LF
2.0	6	8.5			8.5	3	**1P251-0200-XA**	1630	6.0	57.0
2.5	6	12.5	0.08	45°	12.5	3	**1P251-0250-XA**	1630	6.0	57.0
3.0	6	12.5	0.08	45°	12.5	3	**1P251-0300-XA**	1630	6.0	57.0
4.0	6	14.5	0.13	45°	14.5	3	**1P251-0400-XB**	1630	6.0	57.0
	6	14.5	0.13	45°	14.5	3	**1P251-0400-XA**	1630	6.0	57.0
5.0	6	16.5	0.13	45°	16.5	3	**1P251-0500-XB**	1630	6.0	57.0
	6	16.5	0.13	45°	16.5	3	**1P251-0500-XA**	1630	6.0	57.0
6.0	6	19.5	0.13	45°	19.5	3	**1P251-0600-XB**	1630	6.0	57.0
	6	19.5	0.13	45°	19.5	3	**1P251-0600-XA**	1630	6.0	57.0
7.0	8	19.5	0.13	45°	19.5	3	**1P251-0700-XA**	1630	8.0	63.0
8.0	8	19.5	0.20	45°	19.5	3	**1P251-0800-XB**	1630	8.0	63.0
	8	19.5	0.20	45°	19.5	3	**1P251-0800-XA**	1630	8.0	63.0
9.0	10	21.5	0.20	45°	21.5	3	**1P251-0900-XB**	1630	10.0	72.0
	10	21.5	0.20	45°	21.5	3	**1P251-0900-XA**	1630	10.0	72.0
10.0	10	22.5	0.20	45°	22.5	3	**1P251-1000-XB**	1630	10.0	72.0
	10	22.5	0.20	45°	22.5	3	**1P251-1000-XA**	1630	10.0	72.0
12.0	12	25.5	0.20	45°	25.5	3	**1P251-1200-XB**	1630	12.0	83.0
	12	25.5	0.20	45°	25.5	3	**1P251-1200-XA**	1630	12.0	83.0
14.0	14	30.5	0.20	45°	30.5	3	**1P251-1400-XA**	1630	14.0	83.0
16.0	16	32.5	0.20	45°	32.5	3	**1P251-1600-XB**	1630	16.0	92.0
	16	32.5	0.20	45°	32.5	3	**1P251-1600-XA**	1630	16.0	92.0
18.0	18	32.5	0.20	45°	32.5	3	**1P251-1800-XB**	1630	18.0	92.0
	18	32.5	0.20	45°	32.5	3	**1P251-1800-XA**	1630	18.0	92.0
20.0	20	38.5	0.30	45°	38.5	3	**1P251-2000-XB**	1630	20.0	104.0
	20	38.5	0.30	45°	38.5	3	**1P251-2000-XA**	1630	20.0	104.0

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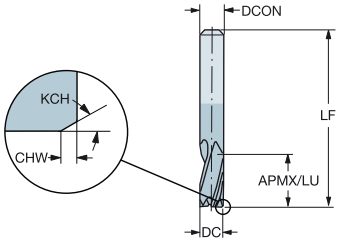
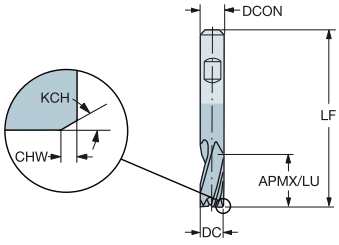
Fresa de ranurar de metal duro enteriza CoroMill® Plura para desbaste pesado

Para múltiples materiales de dureza ≤ 48 HRc

	1P260-XA	1P260-XB
FHA	30°	30°
BSG	COROMANT	COROMANT
TCDC	h10	h10
TCDCON	h6	h6





P M K N S

Versión métrica

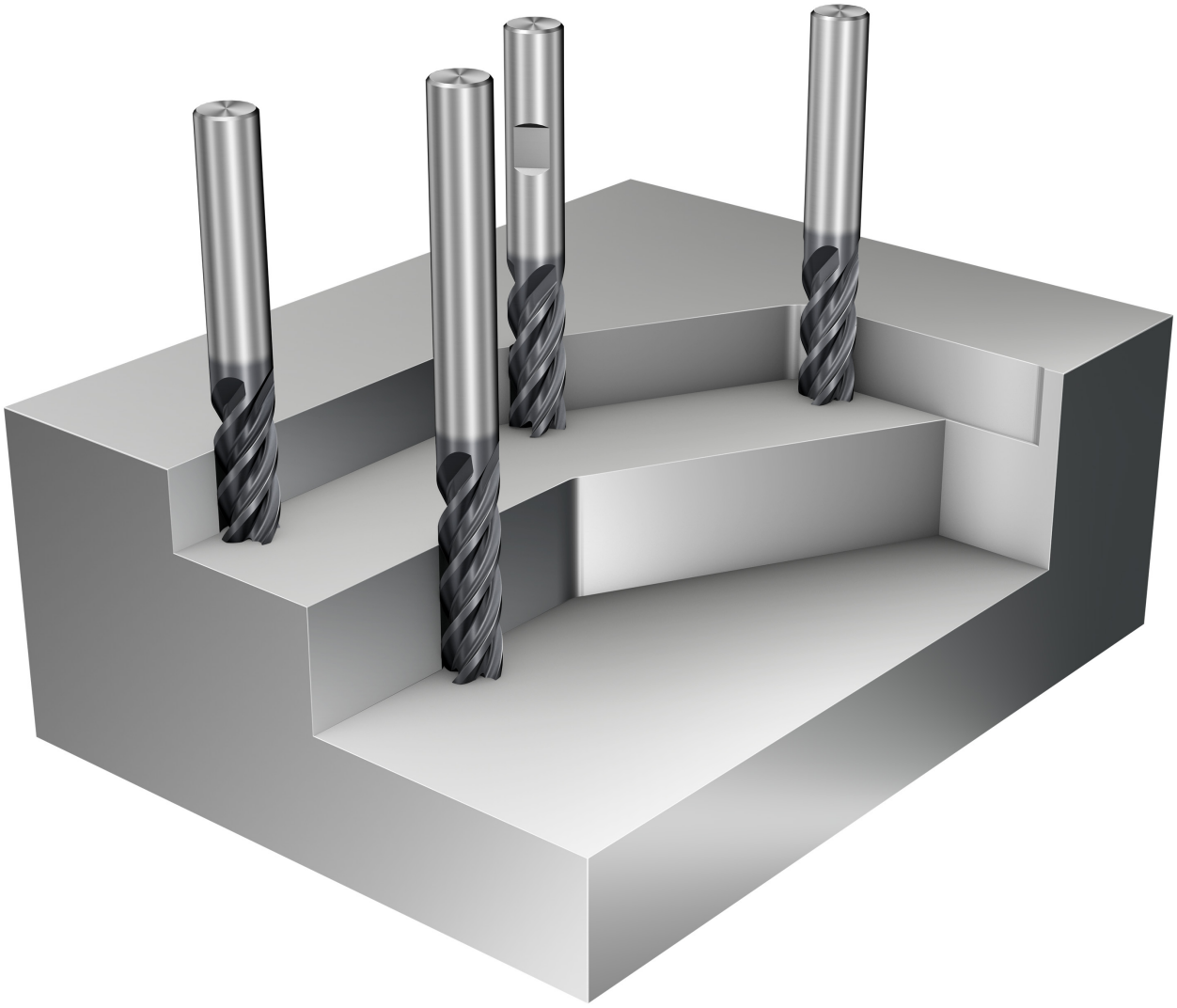
									Dimensiones, mm	
DC	CZC_{MS}	APMX	CHW	KCH	LU	ZEFP	**Código de pedido**	GRADE	DCON	LF
1.0	3	4.0			4.0	3	**1P260-0100-XA**	1620	3.0	38.0
1.5	3	6.0			6.0	3	**1P260-0150-XA**	1620	3.0	38.0
2.0	3	8.0			8.0	3	**1P260-0200-XA**	1620	3.0	38.0
3.0	3	12.0			12.0	3	**1P260-0300-XA**	1620	3.0	38.0
4.0	4	14.0			14.0	3	**1P260-0400-XA**	1620	4.0	50.0
5.0	6	16.0			16.0	3	**1P260-0500-XB**	1620	6.0	57.0
	6	16.0			16.0	3	**1P260-0500-XA**	1620	6.0	57.0
6.0	6	22.0			22.0	3	**1P260-0600-XB**	1620	6.0	65.0
	6	22.0			22.0	3	**1P260-0600-XA**	1620	6.0	65.0
8.0	8	28.0			28.0	3	**1P260-0800-XB**	1620	8.0	80.0
	8	28.0			28.0	3	**1P260-0800-XA**	1620	8.0	80.0
10.0	10	32.0	0.10	45°	32.0	3	**1P260-1000-XB**	1620	10.0	100.0
	10	32.0	0.10	45°	32.0	3	**1P260-1000-XA**	1620	10.0	100.0
12.0	12	38.0	0.10	45°	38.0	3	**1P260-1200-XB**	1620	12.0	100.0
	12	38.0	0.10	45°	38.0	3	**1P260-1200-XA**	1620	12.0	100.0
16.0	16	50.0	0.15	45°	50.0	3	**1P260-1600-XB**	1620	16.0	115.0
	16	50.0	0.15	45°	50.0	3	**1P260-1600-XA**	1620	16.0	115.0
20.0	20	50.0	0.15	45°	50.0	3	**1P260-2000-XB**	1620	20.0	125.0
	20	50.0	0.15	45°	50.0	3	**1P260-2000-XA**	1620	20.0	125.0

Versión en pulgadas

									Dimensiones, pulg.	
DC	CZC_{MS}	APMX	CHW	KCH	LU	ZEFP	**Código de pedido**	GRADE	DCON	LF
.125	1/8	.500			.500	3	**1P260-0318-XA**	1620	.125	2.000
.188	3/16	.625			.625	3	**1P260-0476-XA**	1620	.187	2.000
.250	1/4	.937			.937	3	**1P260-0635-XA**	1620	.250	2.500
.375	3/8	1.219	.004	45°	1.219	3	**1P260-0953-XA**	1620	.375	3.000
.500	1/2	1.594	.004	45°	1.594	3	**1P260-1270-XA**	1620	.500	3.500
.625	5/8	1.938	.006	45°	1.938	3	**1P260-1588-XA**	1620	.625	4.000
.750	3/4	2.313	.006	45°	2.313	3	**1P260-1905-XA**	1620	.750	5.000
1.000	1	2.500	.010	45°	2.500	3	**1P260-2540-XA**	1620	1.000	6.000

E3 E7 E45 E36 E58 E50

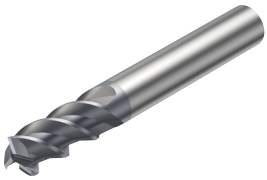
Fresa de ranurar de metal duro enteriza CoroMill® Plura para desbaste medio

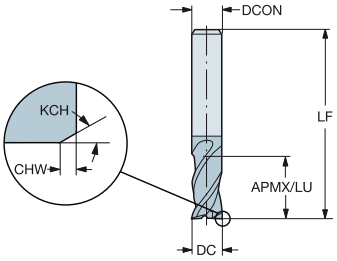


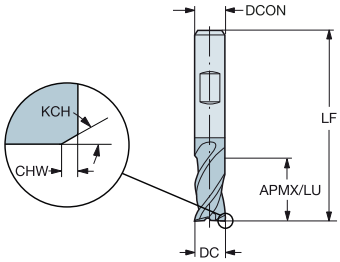
Fresa de ranurar de metal duro enteriza CoroMill® Plura para desbaste medio

Para múltiples materiales de dureza ≤ 48 HRc

	1P330-XA	1P330-XB
FHA	45°	45°
BSG	DIN 6527 L	DIN 6527 L
TCDC	h10	h10
TCDCON	h6	h6







P M K N S

Versión métrica

									Dimensiones, mm	
DC	CZC_{MS}	APMX	CHW	KCH	LU	ZEFP	Código de pedido	GRADE	DCON	LF
2.0	6	6.0			6.0	3	1P330-0200-XB	1620	6.0	57.0
	6	6.0			6.0	3	1P330-0200-XA	1620	6.0	57.0
3.0	6	7.0			7.0	3	1P330-0300-XB	1620	6.0	57.0
	6	7.0			7.0	3	1P330-0300-XA	1620	6.0	57.0
4.0	6	8.0	0.10	45°	8.0	3	1P330-0400-XB	1620	6.0	57.0
	6	8.0	0.10	45°	8.0	3	1P330-0400-XA	1620	6.0	57.0
5.0	6	10.0	0.10	45°	10.0	3	1P330-0500-XB	1620	6.0	57.0
	6	10.0	0.10	45°	10.0	3	1P330-0500-XA	1620	6.0	57.0
6.0	6	10.0	0.10	45°	10.0	3	1P330-0600-XB	1620	6.0	57.0
	6	10.0	0.10	45°	10.0	3	1P330-0600-XA	1620	6.0	57.0
7.0	8	13.0	0.10	45°	13.0	3	1P330-0700-XB	1620	8.0	63.0
	8	13.0	0.10	45°	13.0	3	1P330-0700-XA	1620	8.0	63.0
8.0	8	16.0	0.10	45°	16.0	3	1P330-0800-XB	1620	8.0	63.0
	8	16.0	0.10	45°	16.0	3	1P330-0800-XA	1620	8.0	63.0
9.0	10	16.0	0.10	45°	16.0	3	1P330-0900-XB	1620	10.0	72.0
	10	16.0	0.10	45°	16.0	3	1P330-0900-XA	1620	10.0	72.0
10.0	10	19.0	0.10	45°	19.0	3	1P330-1000-XB	1620	10.0	72.0
	10	19.0	0.10	45°	19.0	3	1P330-1000-XA	1620	10.0	72.0
12.0	12	22.0	0.10	45°	22.0	3	1P330-1200-XB	1620	12.0	83.0
	12	22.0	0.10	45°	22.0	3	1P330-1200-XA	1620	12.0	83.0
14.0	14	22.0	0.15	45°	22.0	3	1P330-1400-XB	1620	14.0	83.0
	14	22.0	0.15	45°	22.0	3	1P330-1400-XA	1620	14.0	83.0
16.0	16	26.0	0.15	45°	26.0	3	1P330-1600-XB	1620	16.0	92.0
	16	26.0	0.15	45°	26.0	3	1P330-1600-XA	1620	16.0	92.0
18.0	18	26.0	0.15	45°	26.0	3	1P330-1800-XB	1620	18.0	92.0
	18	26.0	0.15	45°	26.0	3	1P330-1800-XA	1620	18.0	92.0
20.0	20	32.0	0.15	45°	32.0	3	1P330-2000-XB	1620	20.0	104.0
	20	32.0	0.15	45°	32.0	3	1P330-2000-XA	1620	20.0	104.0

Versión en pulgadas

									Dimensiones, pulg.	
DC	CZC_{MS}	APMX	CHW	KCH	LU	ZEFP	Código de pedido	GRADE	DCON	LF
.125	1/8	.297			.297	3	1P330-0318-XA	1620	.125	1.500
.188	3/16	.375	.004	45°	.375	3	1P330-0476-XA	1620	.187	2.000
.250	1/4	.422	.004	45°	.422	3	1P330-0635-XA	1620	.250	2.500
.375	3/8	.719	.004	45°	.719	3	1P330-0953-XA	1620	.375	2.500
.500	1/2	.922	.004	45°	.922	3	1P330-1270-XA	1620	.500	3.000
.625	5/8	1.031	.006	45°	1.031	3	1P330-1588-XA	1620	.625	3.500
.750	3/4	1.219	.006	45°	1.219	3	1P330-1905-XA	1620	.750	4.000
1.000	1	1.594	.010	45°	1.594	3	1P330-2540-XA	1620	1.000	5.000

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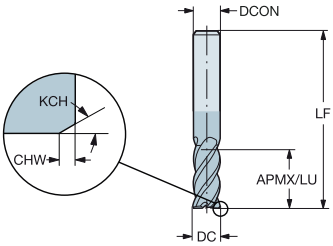
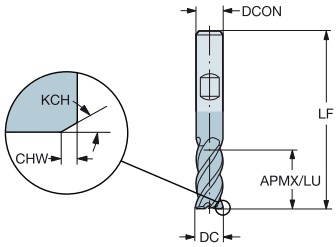
Fresa de ranurar de metal duro enteriza CoroMill® Plura para desbaste medio

Para múltiples materiales de dureza ≤ 48 HRc

	1P341-XA	1P341-XB
FHA	45°	45°
BSG	DIN 6527 L	DIN 6527 L
TCDC	h10	h10
TCDCON	h6	h6





P M K S

Versión métrica

DC	CZC_{MS}	APMX	CHW	KCH	LU	ZEFP	Código de pedido	GRADE	Dimensiones, mm DCON	LF
2.0	6	7.0			7.0	4	1P341-0200-XA	1620, 1630	6.0	57.0
3.0	6	8.0			8.0	4	1P341-0300-XA	1620, 1630	6.0	57.0
4.0	6	11.0	0.10	45°	11.0	4	1P341-0400-XA	1620, 1630	6.0	57.0
5.0	6	13.0	0.10	45°	13.0	4	1P341-0500-XA	1620, 1630	6.0	57.0
6.0	6	13.0	0.10	45°	13.0	4	1P341-0600-XB	1630	6.0	57.0
	6	13.0	0.10	45°	13.0	4	1P341-0600-XA	1620, 1630	6.0	57.0
8.0	8	19.0	0.10	45°	19.0	4	1P341-0800-XB	1630	8.0	63.0
	8	19.0	0.10	45°	19.0	4	1P341-0800-XA	1620, 1630	8.0	63.0
10.0	10	22.0	0.10	45°	22.0	4	1P341-1000-XB	1630	10.0	72.0
	10	22.0	0.10	45°	22.0	4	1P341-1000-XA	1620, 1630	10.0	72.0
12.0	12	26.0	0.10	45°	26.0	4	1P341-1200-XB	1630	12.0	83.0
	12	26.0	0.10	45°	26.0	4	1P341-1200-XA	1620, 1630	12.0	83.0
14.0	14	26.0	0.15	45°	26.0	4	1P341-1400-XB	1630	14.0	83.0
	14	26.0	0.15	45°	26.0	4	1P341-1400-XA	1620, 1630	14.0	83.0
16.0	16	32.0	0.15	45°	32.0	4	1P341-1600-XB	1630	16.0	92.0
	16	32.0	0.15	45°	32.0	4	1P341-1600-XA	1620, 1630	16.0	92.0
18.0	18	32.0	0.15	45°	32.0	5	1P341-1800-XA	1620, 1630	18.0	92.0
20.0	20	38.0	0.15	45°	38.0	5	1P341-2000-XB	1630	20.0	104.0
	20	38.0	0.15	45°	38.0	5	1P341-2000-XA	1620, 1630	20.0	104.0

Versión en pulgadas

DC	CZC_{MS}	APMX	CHW	KCH	LU	ZEFP	Código de pedido	GRADE	Dimensiones, pulg. DCON	LF
.125	1/8	.313			.313	4	1P341-0318-XA	1630	.125	1.500
.188	3/16	.469	.004	45°	.469	4	1P341-0476-XA	1630	.187	2.000
.250	1/4	.531	.004	45°	.531	4	1P341-0635-XA	1630	.250	2.500
.375	3/8	.844	.006	45°	.844	4	1P341-0953-XA	1630	.375	3.000
.500	1/2	1.094	.006	45°	1.094	4	1P341-1270-XA	1630	.500	3.500
.625	5/8	1.313	.010	45°	1.313	5	1P341-1588-XA	1630	.625	4.000
.750	3/4	1.563	.010	45°	1.563	5	1P341-1905-XA	1630	.750	4.000
1.000	1	2.094	.010	45°	2.094	5	1P341-2540-XA	1630	1.000	5.000

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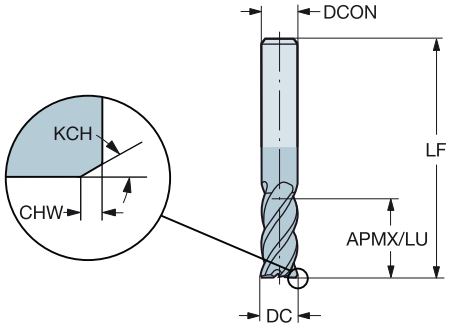
SANDVIK Coromant

Fresa de ranurar de metal duro enteriza CoroMill® Plura para desbaste medio

Para múltiples materiales de dureza ≤ 48 HRc

FHA	45°
BSG	COROMANT
TCDC	h10
TCDCON	h6



P M K S

Versión métrica

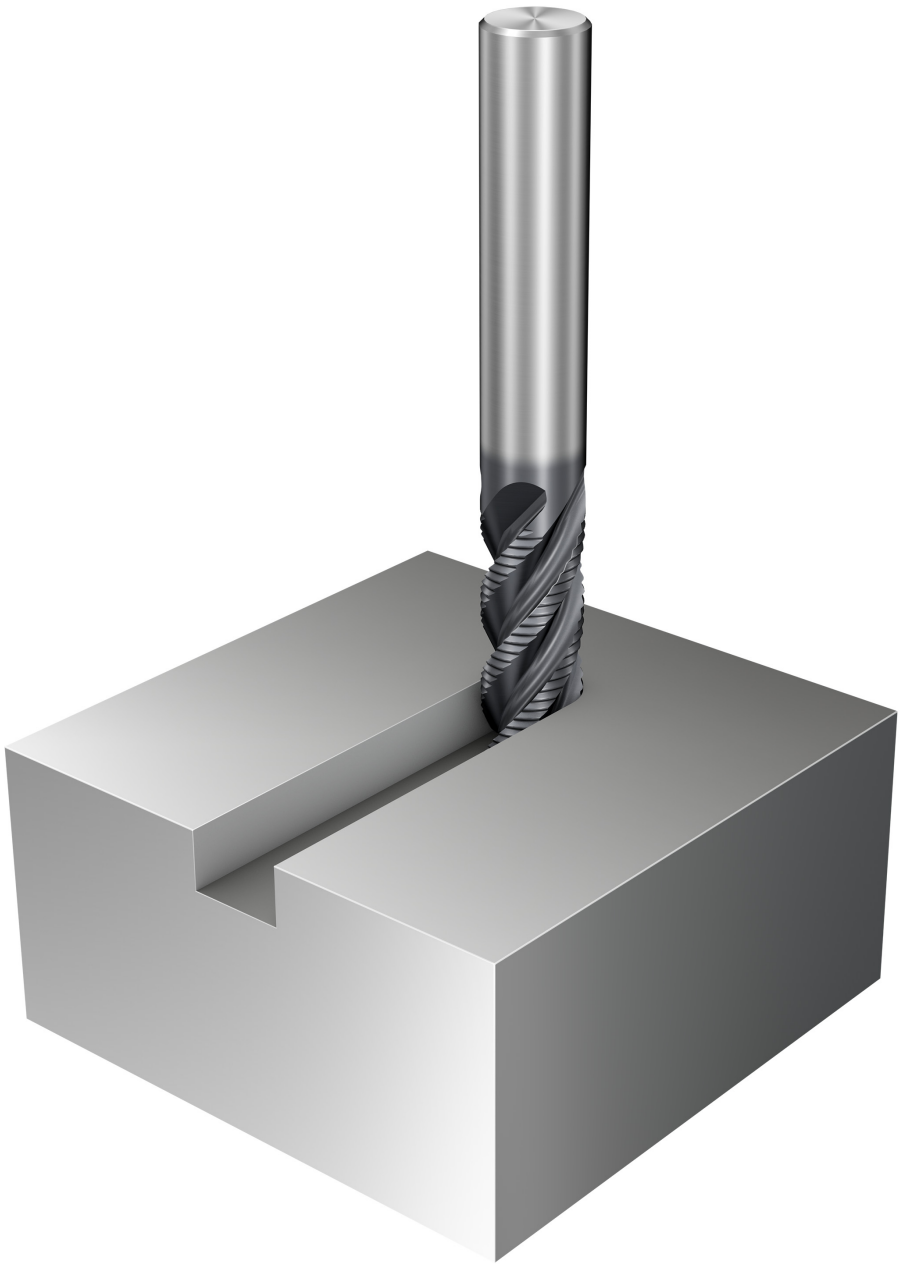
										Dimensiones, mm	
DC	CZC_{MS}	APMX	CHW	KCH	LU	ZEFP	Código de pedido		GRADE	DCON	LF
6.0	6	22.0	0.10	45°	22.0	4	1P360-0600-XA		1620	6.0	65.0
8.0	8	28.0	0.10	45°	28.0	4	1P360-0800-XA		1620	8.0	80.0
10.0	10	32.0	0.10	45°	32.0	4	1P360-1000-XA		1620	10.0	100.0
12.0	12	40.0	0.10	45°	40.0	4	1P360-1200-XA		1620	12.0	100.0
14.0	14	50.0	0.15	45°	50.0	4	1P360-1400-XA		1620	14.0	104.0
16.0	16	50.0	0.15	45°	50.0	5	1P360-1600-XA		1620	16.0	115.0
20.0	20	55.0	0.15	45°	55.0	5	1P360-2000-XA		1620	20.0	125.0
25.0	25	90.0	0.15	45°	90.0	8	1P360-2500-XA		1620	25.0	153.0

Versión en pulgadas

										Dimensiones, pulg.	
DC	CZC_{MS}	APMX	CHW	KCH	LU	ZEFP	Código de pedido		GRADE	DCON	LF
.125	1/8	.500	.004	45°	.500	4	1P360-0318-XA		1620	.125	2.000
.188	3/16	.750	.004	45°	.750	4	1P360-0476-XA		1620	.187	2.500
.250	1/4	.875	.004	45°	.875	4	1P360-0635-XA		1620	.250	2.500
.375	3/8	1.219	.004	45°	1.219	4	1P360-0953-XA		1620	.375	4.000
.500	1/2	1.687	.006	45°	1.687	4	1P360-1270-XA		1620	.500	4.000
.625	5/8	2.000	.006	45°	2.000	5	1P360-1588-XA		1620	.625	5.000
.750	3/4	2.344	.006	45°	2.344	5	1P360-1905-XA		1620	.750	5.000
1.000	1	3.609	.010	45°	3.609	8	1P360-2540-XA		1620	1.000	7.000

E3 E7 E45 E36 E58 E50

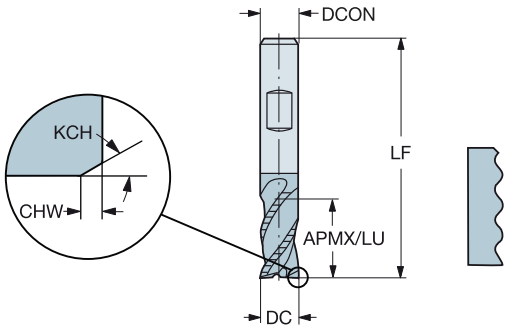
Fresa de ranurar de metal duro enteriza CoroMill® Plura para desbaste con rompevirutas



Fresa de ranurar de metal duro enteriza CoroMill® Plura para desbaste con rompevirutas

Para múltiples materiales de dureza ≤ 48 HRc

FHA 37°
BSG DIN 6527 L
TCDC h12
TCDCON h6

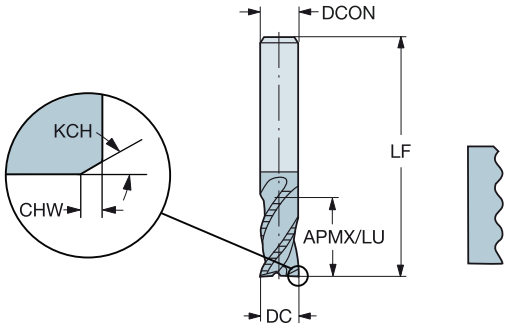


P M K S

Versión métrica

DC	CZC_{MS}	APMX	CHW	KCH	LU	ZEFP	Código de pedido	GRADE	Dimensiones, mm DCON	LF
6.0	6	13.0	0.35	35°	13.0	4	1P340-0600-XB	1640	6.0	57.0
8.0	8	19.0	0.45	35°	19.0	4	1P340-0800-XB	1640	8.0	63.0
10.0	10	22.0	0.50	35°	22.0	4	1P340-1000-XB	1640	10.0	72.0
12.0	12	26.0	0.50	35°	26.0	4	1P340-1200-XB	1640	12.0	83.0
14.0	14	26.0	0.50	35°	26.0	4	1P340-1400-XB	1640	14.0	83.0
16.0	16	32.0	0.55	35°	32.0	4	1P340-1600-XB	1640	16.0	92.0
18.0	18	32.0	0.50	35°	32.0	4	1P340-1800-XB	1640	18.0	92.0
20.0	20	38.0	0.63	35°	38.0	4	1P340-2000-XB	1640	20.0	104.0

FHA 37°
BSG Internal
TCDC h12
TCDCON h6



P M K S

Versión en pulgadas

DC	CZC_{MS}	APMX	CHW	KCH	LU	ZEFP	Código de pedido	GRADE	Dimensiones, pulg. DCON	LF
.250	1/4	.531	.014	35°	.531	4	1P340-0635-XA	1640	.250	2.500
.375	3/8	.844	.018	35°	.844	4	1P340-0953-XA	1640	.375	3.000
.500	1/2	1.094	.020	35°	1.094	4	1P340-1270-XA	1640	.500	3.500
.625	5/8	1.313	.020	35°	1.313	4	1P340-1588-XA	1640	.625	4.000
.750	3/4	1.563	.022	35°	1.563	4	1P340-1905-XA	1640	.750	4.000
1.000	1	2.094	.031	35°	2.094	4	1P340-2540-XA	1640	1.000	5.000

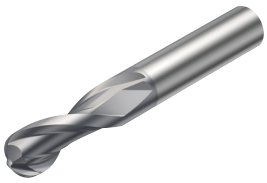
E3 E7 E45 E36 E58 E50

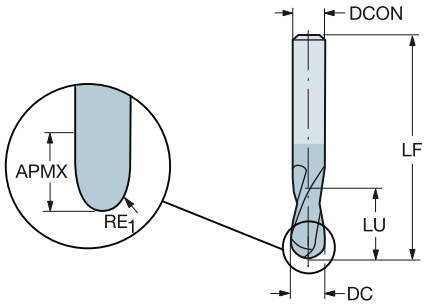
Fresa de metal duro enteriza y punta esférica CoroMill® Plura para perfilado

Fresa de metal duro enteriza y punta esférica CoroMill® Plura para perfilado

Para múltiples materiales de dureza ≤ 48 HRc

FHA	30°
BSG	COROMANT
TCDC	h7
TCDCON	h5
PSIR	0°





P M K N S

Versión métrica

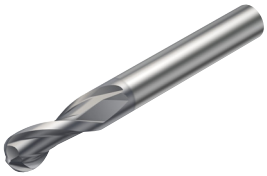
								Dimensiones, mm	
DC	CZC_{MS}	APMX	RE_1	LU	ZEFP	**Código de pedido**	GRADE	DCON	LF
1.0	3	3.0	0.50	3.0	2	**1B230-0100-XA**	1630	3.0	38.0
1.5	3	3.0	0.75	3.0	2	**1B230-0150-XA**	1630	3.0	38.0
2.0	3	6.0	1.00	6.0	2	**1B230-0200-XA**	1630	3.0	38.0
2.5	3	7.0	1.25	7.0	2	**1B230-0250-XA**	1630	3.0	38.0
3.0	3	7.0	1.50	7.0	2	**1B230-0300-XA**	1630	3.0	38.0
4.0	6	8.0	2.00	8.0	2	**1B230-0400-XA**	1630	6.0	57.0
5.0	6	10.0	2.50	10.0	2	**1B230-0500-XA**	1630	6.0	57.0
6.0	6	10.0	3.00	10.0	2	**1B230-0600-XA**	1630	6.0	57.0
7.0	8	13.0	3.50	13.0	2	**1B230-0700-XA**	1630	8.0	63.0
8.0	8	16.0	4.00	16.0	2	**1B230-0800-XA**	1630	8.0	63.0
9.0	10	16.0	4.50	16.0	2	**1B230-0900-XA**	1630	10.0	72.0
10.0	10	19.0	5.00	19.0	2	**1B230-1000-XA**	1630	10.0	72.0
12.0	12	22.0	6.00	22.0	2	**1B230-1200-XA**	1630	12.0	83.0
14.0	14	22.0	7.00	22.0	2	**1B230-1400-XA**	1630	14.0	83.0
16.0	16	26.0	8.00	26.0	2	**1B230-1600-XA**	1630	16.0	92.0
18.0	18	26.0	9.00	26.0	2	**1B230-1800-XA**	1630	18.0	92.0
20.0	20	32.0	10.00	32.0	2	**1B230-2000-XA**	1630	20.0	104.0

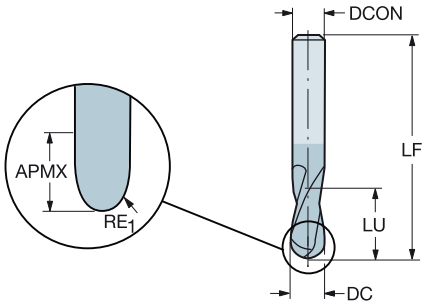
E3 E7 E45 E36 E58 E50

Fresa de metal duro enteriza y punta esférica CoroMill® Plura para perfilado

Para múltiples materiales de dureza ≤ 48 HRc

FHA	30°
BSG	COROMANT
TCDC	h9
TCDCON	h6
PSIR	0°





P M K N S

Versión en pulgadas

DC	CZC_{MS}	APMX	RE_1	LU	ZEFP	Código de pedido	GRADE	Dimensiones, pulg. DCON	LF
.063	1/4	.125	.031	.125	2	1B231-0159-XA	1620	.250	3.000
.094	1/4	.188	.047	.188	2	1B231-0238-XA	1620	.250	3.000
.125	1/4	.250	.063	.250	2	1B231-0318-XA	1620	.250	3.000
.156	1/4	.313	.078	.313	2	1B231-0397-XA	1620	.250	3.000
.187	1/4	.375	.094	.375	2	1B231-0476-XA	1620	.250	3.000
.250	1/4	.500	.125	.500	2	1B231-0635-XA	1620	.250	3.000
.313	3/8	.625	.156	.625	2	1B231-0794-XA	1620	.375	3.500
.375	3/8	.750	.188	.750	2	1B231-0953-XA	1620	.375	3.500
.500	1/2	1.000	.250	1.000	2	1B231-1270-XA	1620	.500	4.000

Versión en pulgadas

DC	CZC_{MS}	APMX	RE_1	LU	ZEFP	Código de pedido	GRADE	Dimensiones, pulg. DCON	DCX	LF
.063	1/4	.125	.031	.125	2	1B232-0159-XA	1620	.250		2.000
.094	1/4	.188	.047	.188	2	1B232-0238-XA	1620	.250		2.000
.125	1/4	.250	.063	.250	2	1B232-0318-XA	1620	.250		2.000
.156	1/4	.313	.078	.313	2	1B232-0397-XA	1620	.250		2.000
.187	1/4	.375	.094	.375	2	1B232-0476-XA	1620	.250		2.000
.250	1/4	.500	.125	.500	2	1B232-0635-XA	1620	.250		2.000
.313	3/8	.625	.156	.625	2	1B232-0794-XA	1620	.375		2.500
.375	3/8	.750	.188	.750	2	1B232-0953-XA	1620	.375		2.500
.500	1/2	1.000	.250	1.000	2	1B232-1270-XA	1620	.500		3.000
.625	5/8	1.250	.313	1.250	2	1B232-1588-XA	1620	.625	.625	3.500
.750	3/4	1.500	.375	1.500	2	1B232-1905-XA	1620	.750	.750	4.000

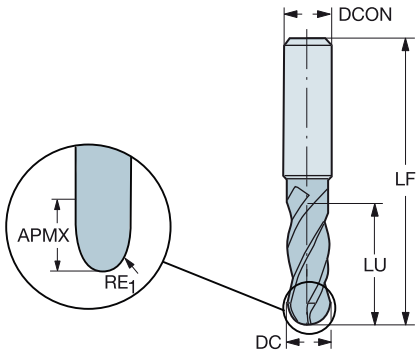
E3 E7 E45 E36 E58 E50

SANDVIK Coromant

Fresa de metal duro enteriza y punta esférica CoroMill® Plura para perfilado

Para múltiples materiales de dureza ≤ 48 HRc

FHA	30°
BSG	COROMANT
TCDC	h8
TCDCON	h6
PSIR	0°



P M K N S

Versión métrica

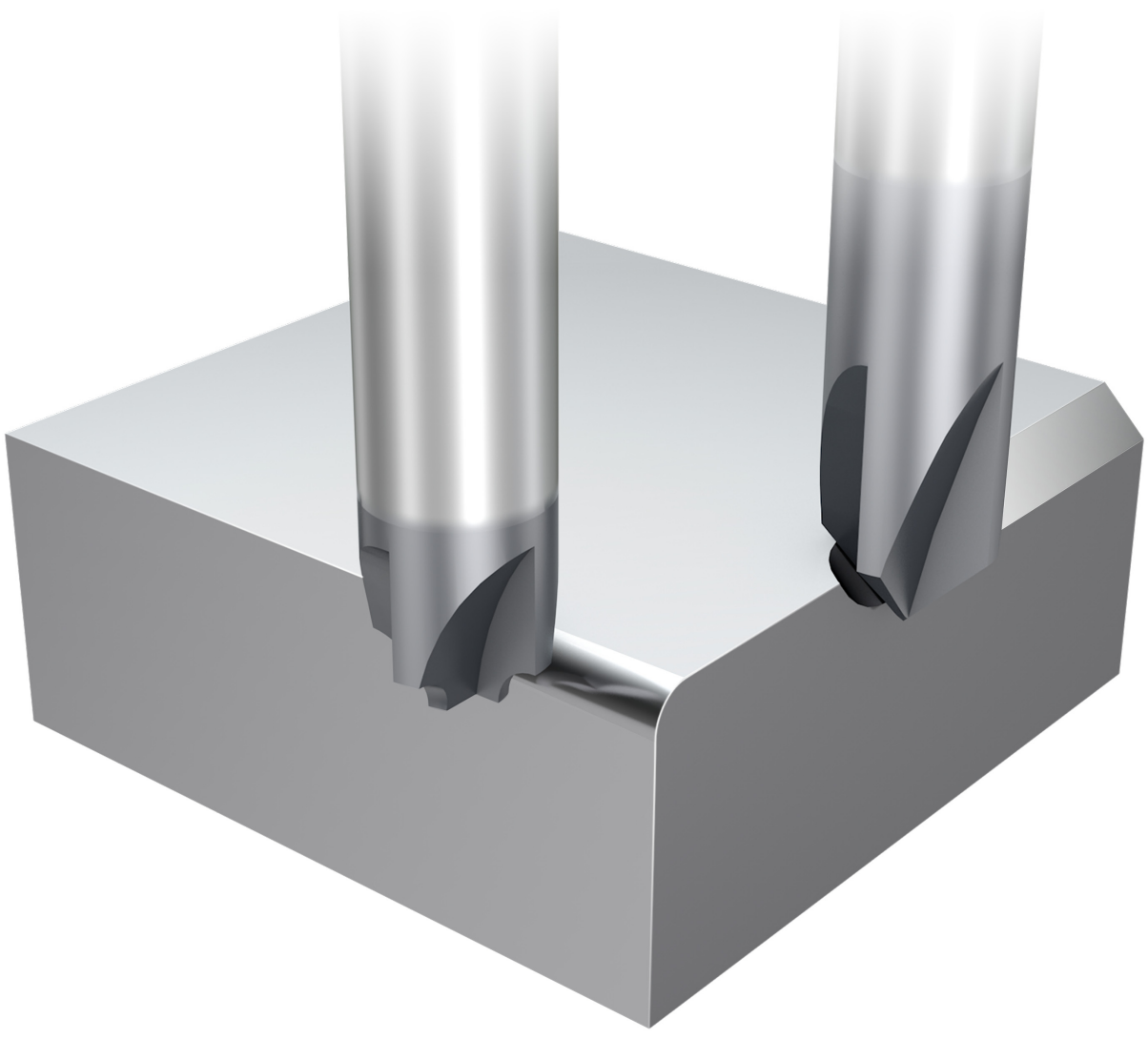
DC	CZC_{MS}	APMX	RE_1	LU	ZEFP	Código de pedido	GRADE	Dimensiones, mm DCON	LF
3.0	6	8.0	1.50	8.0	4	1B240-0300-XA	1630	6.0	80.0
4.0	6	11.0	2.00	11.0	4	1B240-0400-XA	1630	6.0	80.0
5.0	6	13.0	2.50	13.0	4	1B240-0500-XA	1630	6.0	80.0
6.0	6	13.0	3.00	13.0	4	1B240-0600-XA	1630	6.0	80.0
7.0	8	16.0	3.50	16.0	4	1B240-0700-XA	1630	8.0	100.0
8.0	8	19.0	4.00	19.0	4	1B240-0800-XA	1630	8.0	100.0
10.0	10	22.0	5.00	22.0	4	1B240-1000-XA	1630	10.0	100.0
12.0	12	26.0	6.00	26.0	4	1B240-1200-XA	1630	12.0	100.0
16.0	16	32.0	8.00	32.0	4	1B240-1600-XA	1630	16.0	100.0
20.0	20	38.0	10.00	38.0	4	1B240-2000-XA	1630	20.0	125.0

Versión en pulgadas

DC	CZC_{MS}	APMX	RE_1	LU	ZEFP	Código de pedido	GRADE	Dimensiones, pulg. DCON	LF
.063	1/4	.125	.031	.125	4	1B240-0159-XA	1630	.250	3.000
.094	1/4	.188	.047	.188	4	1B240-0238-XA	1630	.250	3.000
.125	1/4	.250	.063	.250	4	1B240-0318-XA	1630	.250	3.000
.156	1/4	.313	.078	.313	4	1B240-0397-XA	1630	.250	3.000
.187	1/4	.375	.094	.375	4	1B240-0476-XA	1630	.250	3.000
.250	1/4	.500	.125	.500	4	1B240-0635-XA	1630	.250	3.000
.313	3/8	.625	.156	.625	4	1B240-0794-XA	1630	.375	3.500
.375	3/8	.750	.188	.750	4	1B240-0953-XA	1630	.375	3.500
.500	1/2	1.000	.250	1.000	4	1B240-1270-XA	1630	.500	4.000

E3 E7 E45 E36 E58 E50

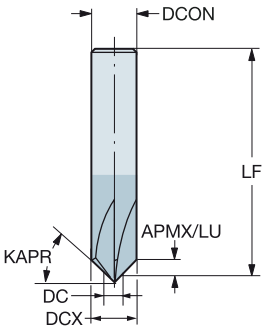
Fresa de ranurar de metal duro enteriza CoroMill® Plura para fresado de chaflanes



Fresa de ranurar de metal duro enteriza CoroMill® Plura para fresado de chaflanes

Para múltiples materiales de dureza ≤ 48 HRc

TCDCON h6

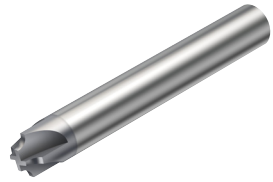


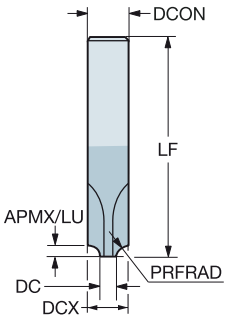
P M K N S H

Versión métrica

KAPR	CZC_{MS}	APMX	LU	ZEFP	Código de pedido	GRADE	Dimensiones, mm DC	DCX	DCON	LF	RPMX
45°	6.0	2.50	2.50	4	1C050-0100-045-XA	1620	1.00	6.0	6.0	56.50	80000
45°	8.0	3.00	3.00	5	1C050-0200-045-XA	1620	2.00	8.0	8.0	79.00	80000
45°	10.0	4.25	4.25	4	1C050-0150-045-XA	1620	1.50	10.0	10.0	99.20	80000
45°	12.0	4.50	4.50	6	1C050-0300-045-XA	1620	3.00	12.0	12.0	81.50	80000
60°	10.0	7.35	7.35	4	1C050-0150-060-XA	1620	1.50	10.0	10.0	98.70	80000

TCDCON h6





P M K N S H

Versión métrica

PRFRAD	CZC_{MS}	APMX	LU	ZEFP	Código de pedido	GRADE	Dimensiones, mm DC	DCX	DCON	LF	RPMX
0.5	6.0	0.50	0.50	3	1U000-0400-050-XA	1620	4.00	6.0	6.0	57.00	80000
0.8		0.75	0.75	3	1U000-0400-075-XA	1620	4.00	6.0	6.0	57.00	80000
1.0	8.0	1.00	1.00	4	1U000-0400-100-XA	1620	4.00	8.0	8.0	63.00	80000
1.5		1.50	1.50	4	1U000-0400-150-XA	1620	4.00	8.0	8.0	63.00	80000
2.0	10.0	2.00	2.00	4	1U000-0500-200-XA	1620	5.00	10.0	10.0	72.00	80000
2.5		2.50	2.50	4	1U000-0500-250-XA	1620	5.00	10.0	10.0	72.00	80000
3.0	12.0	3.00	3.00	4	1U000-0500-300-XA	1620	5.00	12.0	12.0	83.00	80000
4.0	14.0	4.00	4.00	4	1U000-0600-400-XA	1620	6.00	14.0	14.0	83.00	80000
5.0	16.0	5.00	5.00	4	1U000-0600-500-XA	1620	6.00	16.0	16.0	92.00	80000
6.0	20.0	6.00	6.00	4	1U000-0800-600-XA	1620	8.00	20.0	20.0	104.00	80000

Versión en pulgadas

PRFRAD	CZC_{MS}	APMX	LU	ZEFP	Código de pedido	GRADE	Dimensiones, pulg. DCON	DC	DCX	LF	RPMX
.031	1/8	.031	.031	2	1U000-0119-079-XA	1620	.125	.047	.125	1.500	80000
.062	1/4	.062	.062	3	1U000-0160-158-XA	1620	.250	.063	.250	2.000	80000
.094	3/8	.094	.094	3	1U000-0160-238-XA	1620	.375	.063	.313	2.500	80000
.125	1/2	.125	.125	4	1U000-0630-318-XA	1620	.500	.248	.500	3.000	48300
.188	5/8	.188	.188	4	1U000-0630-476-XA	1620	.625	.248	.625	3.500	25100

E3 E7 E45 E36 E58 E50

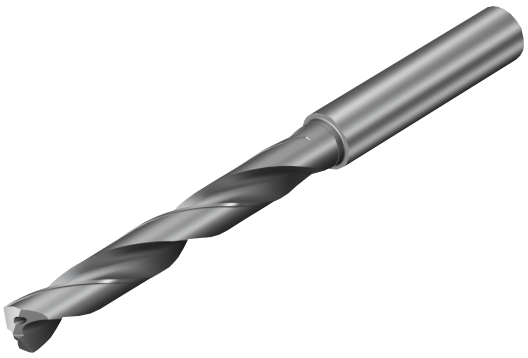
Taladrado

CoroDrill® 460

Versátiles brocas enterizas de metal duro de alto rendimiento

Aplicación

- Para una amplia gama de materiales en todo tipo de segmento industrial como, por ejemplo, mecanizado general, moldes y matrices, automoción y generación de energía.
- Refrigerante interior y exterior.



Área de aplicación ISO:

P M K N S H

Características y ventajas

- Alta productividad y vida útil constante de la herramienta
- Valor excepcional sin comprometer la calidad
- Buena calidad de agujero
- Reducción de los costos de herramientas
- Se puede volver a reafilar hasta tres veces, ampliando aún más la vida útil de la herramienta
- 20 Bar de presión del refrigerante

Gama de productos

Tipo de broca	Diámetro	Profundidad	Refrigerante
Diámetro individual	3.00 - 20.00 mm (.118 - .787) inch	3xD & 5xD	Interno y Externo
Diámetro individual	3.00 - 20.00 mm (.118 - .787) inch	8xD	Refrigerante
Broca bidiametral y con chaflán	3.35 - 17.50 mm .132 - .689 (inch)	3xD	Refrigerante

www.sandvik.coromant.com/corodrill460

Recomendaciones

Utilice CoroChuck 930 para mantener una producción eficiente a través de configuraciones de herramientas rápidas y fáciles y cambios. Esto promoverá aún más la buena calidad del agujero, la reducción del salto radial y la extensión de la vida de la herramienta.
Use refrigerante interno para una eficiencia de corte óptima y evacuación de virutas, lo que resulta en una mayor productividad.

C

Para soluciones personalizadas, vea la página E36 productividad

Para ver adaptadores portapinzas, consulte nuestro catálogo de herramientas rotativas.

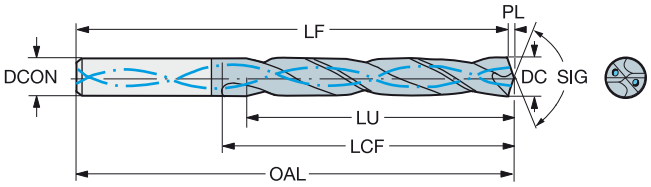
E50

Broca de metal duro integral CoroDrill® 460

Para múltiples materiales

Suministro de refrigerante interior

TCHA H9
SIG 140°



P M K N S H

							Dimensiones, mm, pulg.									
DC	DC"	LU	LU"	ULDR	CZC_{MS}	**Código de pedido**	GRADE	DCON	DCON"	OAL	OAL"	LF	LF"	LCF	LCF"	PL	PL"	BSG
3.00	.118	9.4	.370	3	6	**460.1-0300-009A1-XM**	GC34	6.00	.236	62	2.441	61.6	2.425	20	.787	0.4	.016	DIN 6537 K
3.00	.118	15.4	.606	5	6	**460.1-0300-015A1-XM**	GC34	6.00	.236	66	2.598	65.6	2.583	28	1.102	0.4	.016	DIN 6537 L
3.00	.118	24.4	.961	8	6	**460.1-0300-023A1-XM**	GC34	6.00	.236	79	3.110	78.6	3.094	37	1.457	0.4	.016	COROMANT
3.05	.120	15.7	.618	5	6	**460.1-0305-015A1-XM**	GC34	6.00	.236	66	2.598	65.6	2.583	28	1.102	0.4	.016	DIN 6537 L
3.10	.122	9.7	.382	3	6	**460.1-0310-009A1-XM**	GC34	6.00	.236	62	2.441	61.6	2.425	20	.787	0.4	.016	DIN 6537 K
3.10	.122	15.9	.626	5	6	**460.1-0310-016A1-XM**	GC34	6.00	.236	66	2.598	65.6	2.583	28	1.102	0.4	.016	DIN 6537 L
3.10	.122	25.2	.992	8	6	**460.1-0310-023A1-XM**	GC34	6.00	.236	79	3.110	78.6	3.094	37	1.457	0.4	.016	COROMANT
3.15	.124	16.2	.638	5	6	**460.1-0315-016A1-XM**	GC34	6.00	.236	66	2.598	65.5	2.579	28	1.102	0.5	.020	DIN 6537 L
3.18	.125	10.0	.394	3	6	**460.1-0318-010A1-XM**	GC34	6.00	.236	62	2.441	61.5	2.421	20	.787	0.5	.020	DIN 6537 K
3.18	.125	16.3	.642	5	6	**460.1-0318-016A1-XM**	GC34	6.00	.236	66	2.598	65.5	2.579	28	1.102	0.5	.020	DIN 6537 L
3.18	.125	25.9	1.020	8	6	**460.1-0318-024A1-XM**	GC34	6.00	.236	79	3.110	78.5	3.091	37	1.457	0.5	.020	COROMANT
3.20	.126	10.1	.398	3	6	**460.1-0320-010A1-XM**	GC34	6.00	.236	62	2.441	61.5	2.421	20	.787	0.5	.020	DIN 6537 K
3.20	.126	16.5	.650	5	6	**460.1-0320-016A1-XM**	GC34	6.00	.236	66	2.598	65.5	2.579	28	1.102	0.5	.020	DIN 6537 L
3.20	.126	26.1	1.028	8	6	**460.1-0320-024A1-XM**	GC34	6.00	.236	79	3.110	78.5	3.091	37	1.457	0.5	.020	COROMANT
3.26	.128	16.8	.661	5	6	**460.1-0326-016A1-XM**	GC34	6.00	.236	66	2.598	65.5	2.579	28	1.102	0.5	.020	DIN 6537 L
3.30	.130	10.4	.409	3	6	**460.1-0330-010A1-XM**	GC34	6.00	.236	62	2.441	61.5	2.421	20	.787	0.5	.020	DIN 6537 K
3.30	.130	17.0	.669	5	6	**460.1-0330-017A1-XM**	GC34	6.00	.236	66	2.598	65.5	2.579	28	1.102	0.5	.020	DIN 6537 L
3.30	.130	26.9	1.059	8	6	**460.1-0330-025A1-XM**	GC34	6.00	.236	79	3.110	78.5	3.091	37	1.457	0.5	.020	COROMANT
3.35	.132	17.2	.677	5	6	**460.1-0335-017A1-XM**	GC34	6.00	.236	66	2.598	65.5	2.579	28	1.102	0.5	.020	DIN 6537 L
3.38	.133	17.4	.685	5	6	**460.1-0338-017A1-XM**	GC34	6.00	.236	66	2.598	65.5	2.579	28	1.102	0.5	.020	DIN 6537 L
3.40	.134	10.7	.421	3	6	**460.1-0340-010A1-XM**	GC34	6.00	.236	62	2.441	61.5	2.421	20	.787	0.5	.020	DIN 6537 K
3.40	.134	17.5	.689	5	6	**460.1-0340-017A1-XM**	GC34	6.00	.236	66	2.598	65.5	2.579	28	1.102	0.5	.020	DIN 6537 L
3.40	.134	27.7	1.091	8	6	**460.1-0340-026A1-XM**	GC34	6.00	.236	79	3.110	78.5	3.091	37	1.457	0.5	.020	COROMANT
3.45	.136	17.7	.697	5	6	**460.1-0345-017A1-XM**	GC34	6.00	.236	66	2.598	65.5	2.579	28	1.102	0.5	.020	DIN 6537 L
3.50	.138	11.0	.433	3	6	**460.1-0350-011A1-XM**	GC34	6.00	.236	62	2.441	61.5	2.421	20	.787	0.5	.020	DIN 6537 K
3.50	.138	18.0	.709	5	6	**460.1-0350-018A1-XM**	GC34	6.00	.236	66	2.598	65.5	2.579	28	1.102	0.5	.020	DIN 6537 L
3.50	.138	28.5	1.122	8	6	**460.1-0350-026A1-XM**	GC34	6.00	.236	79	3.110	78.5	3.091	37	1.457	0.5	.020	COROMANT
3.57	.141	11.2	.441	3	6	**460.1-0357-011A1-XM**	GC34	6.00	.236	62	2.441	61.5	2.421	20	.787	0.5	.020	DIN 6537 K
3.57	.141	18.4	.724	5	6	**460.1-0357-018A1-XM**	GC34	6.00	.236	66	2.598	65.5	2.579	28	1.102	0.5	.020	DIN 6537 L
3.57	.141	29.1	1.146	8	6	**460.1-0357-027A1-XM**	GC34	6.00	.236	79	3.110	78.5	3.091	37	1.457	0.5	.020	COROMANT
3.60	.142	11.3	.445	3	6	**460.1-0360-011A1-XM**	GC34	6.00	.236	62	2.441	61.5	2.421	20	.787	0.5	.020	DIN 6537 K
3.60	.142	18.5	.728	5	6	**460.1-0360-018A1-XM**	GC34	6.00	.236	66	2.598	65.5	2.579	28	1.102	0.5	.020	DIN 6537 L
3.66	.144	18.8	.740	5	6	**460.1-0366-018A1-XM**	GC34	6.00	.236	66	2.598	65.5	2.579	28	1.102	0.5	.020	DIN 6537 L
3.70	.146	11.6	.457	3	6	**460.1-0370-011A1-XM**	GC34	6.00	.236	62	2.441	61.5	2.421	20	.787	0.5	.020	DIN 6537 K
3.70	.146	19.0	.748	5	6	**460.1-0370-019A1-XM**	GC34	6.00	.236	66	2.598	65.5	2.579	28	1.102	0.5	.020	DIN 6537 L
3.70	.146	28.9	1.138	7	6	**460.1-0370-028A1-XM**	GC34	6.00	.236	79	3.110	78.5	3.091	37	1.457	0.5	.020	COROMANT
3.73	.147	19.2	.756	5	6	**460.1-0373-019A1-XM**	GC34	6.00	.236	66	2.598	65.5	2.579	28	1.102	0.5	.020	DIN 6537 L
3.80	.150	11.9	.469	3	6	**460.1-0380-011A1-XM**	GC34	6.00	.236	66	2.598	65.5	2.579	24	.945	0.5	.020	DIN 6537 K
3.80	.150	19.5	.768	5	6	**460.1-0380-019A1-XM**	GC34	6.00	.236	74	2.913	73.5	2.894	36	1.417	0.5	.020	DIN 6537 L
3.80	.150	30.9	1.217	8	6	**460.1-0380-029A1-XM**	GC34	6.00	.236	90	3.543	89.5	3.524	48	1.890	0.5	.020	COROMANT
3.86	.152	19.9	.783	5	6	**460.1-0386-019A1-XM**	GC34	6.00	.236	74	2.913	73.4	2.890	36	1.417	0.6	.024	DIN 6537 L
3.90	.154	12.3	.484	3	6	**460.1-0390-012A1-XM**	GC34	6.00	.236	66	2.598	65.4	2.575	24	.945	0.6	.024	DIN 6537 K
3.90	.154	20.1	.791	5	6	**460.1-0390-020A1-XM**	GC34	6.00	.236	74	2.913	73.4	2.890	36	1.417	0.6	.024	DIN 6537 L
3.91	.154	20.1	.791	5	6	**460.1-0391-020A1-XM**	GC34	6.00	.236	74	2.913	73.4	2.890	36	1.417	0.6	.024	DIN 6537 L
3.97	.156	12.5	.492	3	6	**460.1-0397-012A1-XM**	GC34	6.00	.236	66	2.598	65.4	2.575	24	.945	0.6	.024	DIN 6537 K
3.97	.156	20.4	.803	5	6	**460.1-0397-020A1-XM**	GC34	6.00	.236	74	2.913	73.4	2.890	36	1.417	0.6	.024	DIN 6537 L
3.97	.156	32.3	1.272	8	6	**460.1-0397-030A1-XM**	GC34	6.00	.236	90	3.543	89.4	3.520	48	1.890	0.6	.024	COROMANT
3.99	.157	20.5	.807	5	6	**460.1-0399-020A1-XM**	GC34	6.00	.236	74	2.913	73.4	2.890	36	1.417	0.6	.024	DIN 6537 L

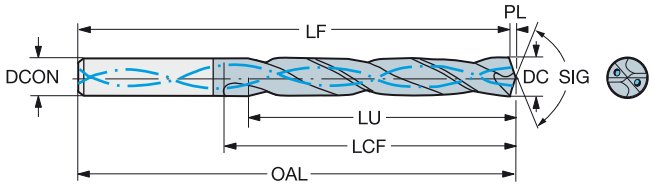
E8 E45 E36 E60 E50

Broca de metal duro integral CoroDrill® 460

Para múltiples materiales

Suministro de refrigerante interior

TCHA H9
SIG 140°



P M K N S H

								Dimensiones, mm, pulg.									
DC	DC"	LU	LU"	ULDR	CZC_{MS}	**Código de pedido**	GRADE	DCON	DCON"	OAL	OAL"	LF	LF"	LCF	LCF"	PL	PL"	BSG
4.00	.157	12.6	.496	3	6	**460.1-0400-012A1-XM**	GC34	6.00	.236	66	2.598	65.4	2.575	24	.945	0.6	.024	DIN 6537 K
4.00	.157	20.6	.811	5	6	**460.1-0400-020A1-XM**	GC34	6.00	.236	74	2.913	73.4	2.890	36	1.417	0.6	.024	DIN 6537 L
4.00	.157	32.6	1.283	8	6	**460.1-0400-030A1-XM**	GC34	6.00	.236	90	3.543	89.4	3.520	48	1.890	0.6	.024	COROMANT
4.04	.159	20.8	.819	5	6	**460.1-0404-020A1-XM**	GC34	6.00	.236	74	2.913	73.4	2.890	36	1.417	0.6	.024	DIN 6537 L
4.05	.159	12.7	.500	3	6	**460.1-0405-012A1-XM**	GC34	6.00	.236	66	2.598	65.4	2.575	24	.945	0.6	.024	DIN 6537 K
4.05	.159	20.8	.819	5	6	**460.1-0405-020A1-XM**	GC34	6.00	.236	74	2.913	73.4	2.890	36	1.417	0.6	.024	DIN 6537 L
4.09	.161	21.0	.827	5	6	**460.1-0409-020A1-XM**	GC34	6.00	.236	74	2.913	73.4	2.890	36	1.417	0.6	.024	DIN 6537 L
4.10	.161	12.9	.508	3	6	**460.1-0410-012A1-XM**	GC34	6.00	.236	66	2.598	65.4	2.575	24	.945	0.6	.024	DIN 6537 K
4.10	.161	21.1	.831	5	6	**460.1-0410-021A1-XM**	GC34	6.00	.236	74	2.913	73.4	2.890	36	1.417	0.6	.024	DIN 6537 L
4.10	.161	33.4	1.315	8	6	**460.1-0410-031A1-XM**	GC34	6.00	.236	90	3.543	89.4	3.520	48	1.890	0.6	.024	COROMANT
4.15	.163	21.4	.843	5	6	**460.1-0415-021A1-XM**	GC34	6.00	.236	74	2.913	73.4	2.890	36	1.417	0.6	.024	DIN 6537 L
4.20	.165	13.2	.520	3	6	**460.1-0420-013A1-XM**	GC34	6.00	.236	66	2.598	65.4	2.575	24	.945	0.6	.024	DIN 6537 K
4.20	.165	21.6	.850	5	6	**460.1-0420-021A1-XM**	GC34	6.00	.236	74	2.913	73.4	2.890	36	1.417	0.6	.024	DIN 6537 L
4.20	.165	34.2	1.346	8	6	**460.1-0420-032A1-XM**	GC34	6.00	.236	90	3.543	89.4	3.520	48	1.890	0.6	.024	COROMANT
4.22	.166	21.7	.854	5	6	**460.1-0422-021A1-XM**	GC34	6.00	.236	74	2.913	73.4	2.890	36	1.417	0.6	.024	DIN 6537 L
4.25	.167	21.9	.862	5	6	**460.1-0425-021A1-XM**	GC34	6.00	.236	74	2.913	73.4	2.890	36	1.417	0.6	.024	DIN 6537 L
4.30	.169	13.5	.531	3	6	**460.1-0430-013A1-XM**	GC34	6.00	.236	66	2.598	65.4	2.575	24	.945	0.6	.024	DIN 6537 K
4.30	.169	22.1	.870	5	6	**460.1-0430-022A1-XM**	GC34	6.00	.236	74	2.913	73.4	2.890	36	1.417	0.6	.024	DIN 6537 L
4.30	.169	35.0	1.378	8	6	**460.1-0430-032A1-XM**	GC34	6.00	.236	90	3.543	89.4	3.520	48	1.890	0.6	.024	COROMANT
4.31	.170	22.2	.874	5	6	**460.1-0431-022A1-XM**	GC34	6.00	.236	74	2.913	73.4	2.890	36	1.417	0.6	.024	DIN 6537 L
4.35	.171	22.4	.882	5	6	**460.1-0435-022A1-XM**	GC34	6.00	.236	74	2.913	73.4	2.890	36	1.417	0.6	.024	DIN 6537 L
4.37	.172	13.7	.539	3	6	**460.1-0437-013A1-XM**	GC34	6.00	.236	66	2.598	65.4	2.575	24	.945	0.6	.024	DIN 6537 K
4.37	.172	22.5	.886	5	6	**460.1-0437-022A1-XM**	GC34	6.00	.236	74	2.913	73.4	2.890	36	1.417	0.6	.024	DIN 6537 L
4.37	.172	35.6	1.402	8	6	**460.1-0437-033A1-XM**	GC34	6.00	.236	90	3.543	89.4	3.520	48	1.890	0.6	.024	COROMANT
4.39	.173	22.6	.890	5	6	**460.1-0439-022A1-XM**	GC34	6.00	.236	74	2.913	73.4	2.890	36	1.417	0.6	.024	DIN 6537 L
4.40	.173	13.8	.543	3	6	**460.1-0440-013A1-XM**	GC34	6.00	.236	66	2.598	65.4	2.575	24	.945	0.6	.024	DIN 6537 K
4.40	.173	22.6	.890	5	6	**460.1-0440-022A1-XM**	GC34	6.00	.236	74	2.913	73.4	2.890	36	1.417	0.6	.024	DIN 6537 L
4.45	.175	22.9	.902	5	6	**460.1-0445-022A1-XM**	GC34	6.00	.236	74	2.913	73.4	2.890	36	1.417	0.6	.024	DIN 6537 L
4.50	.177	14.2	.559	3	6	**460.1-0450-014A1-XM**	GC34	6.00	.236	66	2.598	65.3	2.571	24	.945	0.7	.028	DIN 6537 K
4.50	.177	23.2	.913	5	6	**460.1-0450-023A1-XM**	GC34	6.00	.236	74	2.913	73.3	2.886	36	1.417	0.7	.028	DIN 6537 L
4.50	.177	36.7	1.445	8	6	**460.1-0450-034A1-XM**	GC34	6.00	.236	90	3.543	89.3	3.516	48	1.890	0.7	.028	COROMANT
4.57	.180	23.5	.925	5	6	**460.1-0457-023A1-XM**	GC34	6.00	.236	74	2.913	73.3	2.886	36	1.417	0.7	.028	DIN 6537 L
4.60	.181	14.5	.571	3	6	**460.1-0460-014A1-XM**	GC34	6.00	.236	66	2.598	65.3	2.571	24	.945	0.7	.028	DIN 6537 K
4.60	.181	23.7	.933	5	6	**460.1-0460-023A1-XM**	GC34	6.00	.236	74	2.913	73.3	2.886	36	1.417	0.7	.028	DIN 6537 L
4.60	.181	37.5	1.476	8	6	**460.1-0460-035A1-XM**	GC34	6.00	.236	90	3.543	89.3	3.516	48	1.890	0.7	.028	COROMANT
4.62	.182	23.8	.937	5	6	**460.1-0462-023A1-XM**	GC34	6.00	.236	74	2.913	73.3	2.886	36	1.417	0.7	.028	DIN 6537 L
4.70	.185	14.6	.575	3	6	**460.1-0470-014A1-XM**	GC34	6.00	.236	66	2.598	65.3	2.571	24	.945	0.7	.028	DIN 6537 K
4.70	.185	24.2	.953	5	6	**460.1-0470-024A1-XM**	GC34	6.00	.236	74	2.913	73.3	2.886	36	1.417	0.7	.028	DIN 6537 L
4.70	.185	38.3	1.508	8	6	**460.1-0470-035A1-XM**	GC34	6.00	.236	90	3.543	89.3	3.516	48	1.890	0.7	.028	COROMANT
4.76	.187	15.0	.591	3	6	**460.1-0476-014A1-XM**	GC34	6.00	.236	66	2.598	65.3	2.571	28	1.102	0.7	.028	DIN 6537 K
4.76	.187	24.5	.965	5	6	**460.1-0476-024A1-XM**	GC34	6.00	.236	82	3.228	81.3	3.201	44	1.732	0.7	.028	DIN 6537 L
4.76	.187	38.8	1.528	8	6	**460.1-0476-036A1-XM**	GC34	6.00	.236	104	4.094	103.3	4.067	62	2.441	0.7	.028	COROMANT
4.80	.189	15.1	.594	3	6	**460.1-0480-014A1-XM**	GC34	6.00	.236	66	2.598	65.3	2.571	28	1.102	0.7	.028	DIN 6537 K
4.80	.189	24.7	.972	5	6	**460.1-0480-024A1-XM**	GC34	6.00	.236	82	3.228	81.3	3.201	44	1.732	0.7	.028	DIN 6537 L
4.80	.189	39.1	1.539	8	6	**460.1-0480-036A1-XM**	GC34	6.00	.236	104	4.094	103.3	4.067	62	2.441	0.7	.028	COROMANT
4.85	.191	25.0	.984	5	6	**460.1-0485-024A1-XM**	GC34	6.00	.236	82	3.228	81.3	3.201	44	1.732	0.7	.028	DIN 6537 L

E8 E45 E36 E60 E50

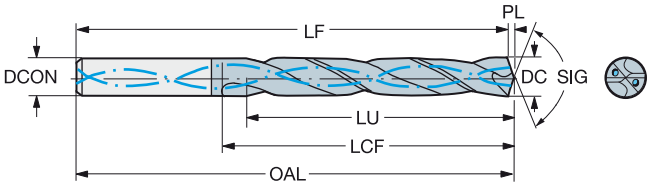
SANDVIK Coromant

Broca de metal duro integral CoroDrill® 460

Para múltiples materiales

Suministro de refrigerante interior

TCHA H9
SIG 140°



P M K N S H

Dimensiones, mm, pulg.

DC	DC"	LU	LU"	ULDR	CZC_{MS}	Código de pedido	GRADE	DCON	DCON"	OAL	OAL"	LF	LF"	LCF	LCF"	PL	PL"	BSG
4.90	.193	15.4	.606	3	6	460.1-0490-015A1-XM	GC34	6.00	.236	66	2.598	65.3	2.571	28	1.102	0.7	.028	DIN 6537 K
4.90	.193	25.2	.992	5	6	460.1-0490-025A1-XM	GC34	6.00	.236	82	3.228	81.3	3.201	44	1.732	0.7	.028	DIN 6537 L
4.92	.194	25.3	.996	5	6	460.1-0492-025A1-XM	GC34	6.00	.236	82	3.228	81.3	3.201	44	1.732	0.7	.028	DIN 6537 L
4.98	.196	25.6	1.008	5	6	460.1-0498-025A1-XM	GC34	6.00	.236	82	3.228	81.3	3.201	44	1.732	0.7	.028	DIN 6537 L
5.00	.197	15.7	.618	3	6	460.1-0500-015A1-XM	GC34	6.00	.236	66	2.598	65.3	2.571	28	1.102	0.7	.028	DIN 6537 K
5.00	.197	25.7	1.012	5	6	460.1-0500-025A1-XM	GC34	6.00	.236	82	3.228	81.3	3.201	44	1.732	0.7	.028	DIN 6537 L
5.00	.197	40.7	1.602	8	6	460.1-0500-038A1-XM	GC34	6.00	.236	104	4.094	103.3	4.067	62	2.441	0.7	.028	COROMANT
5.05	.199	15.9	.626	3	6	460.1-0505-015A1-XM	GC34	6.00	.236	66	2.598	65.3	2.571	28	1.102	0.7	.028	DIN 6537 K
5.05	.199	26.0	1.024	5	6	460.1-0505-025A1-XM	GC34	6.00	.236	82	3.228	81.3	3.201	44	1.732	0.7	.028	DIN 6537 L
5.06	.199	26.0	1.024	5	6	460.1-0506-025A1-XM	GC34	6.00	.236	82	3.228	81.3	3.201	44	1.732	0.7	.028	DIN 6537 L
5.10	.201	16.0	.630	3	6	460.1-0510-015A1-XM	GC34	6.00	.236	66	2.598	65.3	2.571	28	1.102	0.7	.028	DIN 6537 K
5.10	.201	26.2	1.032	5	6	460.1-0510-026A1-XM	GC34	6.00	.236	82	3.228	81.3	3.201	44	1.732	0.7	.028	DIN 6537 L
5.10	.201	41.5	1.634	8	6	460.1-0510-038A1-XM	GC34	6.00	.236	104	4.094	103.3	4.067	62	2.441	0.7	.028	COROMANT
5.11	.201	26.3	1.035	5	6	460.1-0511-026A1-XM	GC34	6.00	.236	82	3.228	81.3	3.201	44	1.732	0.7	.028	DIN 6537 L
5.16	.203	16.2	.638	3	6	460.1-0516-016A1-XM	GC34	6.00	.236	66	2.598	65.2	2.567	28	1.102	0.8	.031	DIN 6537 K
5.16	.203	26.5	1.043	5	6	460.1-0516-026A1-XM	GC34	6.00	.236	82	3.228	81.2	3.197	44	1.732	0.8	.031	DIN 6537 L
5.16	.203	42.0	1.654	8	6	460.1-0516-039A1-XM	GC34	6.00	.236	104	4.094	103.2	4.063	62	2.441	0.8	.031	COROMANT
5.18	.204	26.7	1.051	5	6	460.1-0518-026A1-XM	GC34	6.00	.236	82	3.228	81.2	3.197	44	1.732	0.8	.031	DIN 6537 L
5.20	.205	16.4	.646	3	6	460.1-0520-016A1-XM	GC34	6.00	.236	66	2.598	65.2	2.567	28	1.102	0.8	.031	DIN 6537 K
5.20	.205	26.8	1.055	5	6	460.1-0520-026A1-XM	GC34	6.00	.236	82	3.228	81.2	3.197	44	1.732	0.8	.031	DIN 6537 L
5.20	.205	42.4	1.669	8	6	460.1-0520-039A1-XM	GC34	6.00	.236	104	4.094	103.2	4.063	62	2.441	0.8	.031	COROMANT
5.22	.206	26.9	1.059	5	6	460.1-0522-026A1-XM	GC34	6.00	.236	82	3.228	81.2	3.197	44	1.732	0.8	.031	DIN 6537 L
5.25	.207	27.0	1.063	5	6	460.1-0525-026A1-XM	GC34	6.00	.236	82	3.228	81.2	3.197	44	1.732	0.8	.031	DIN 6537 L
5.31	.209	27.3	1.075	5	6	460.1-0531-027A1-XM	GC34	6.00	.236	82	3.228	81.2	3.197	44	1.732	0.8	.031	DIN 6537 L
5.41	.213	27.8	1.094	5	6	460.1-0541-027A1-XM	GC34	6.00	.236	82	3.228	81.2	3.197	44	1.732	0.8	.031	DIN 6537 L
5.50	.217	17.3	.681	3	6	460.1-0550-017A1-XM	GC34	6.00	.236	66	2.598	65.2	2.567	28	1.102	0.8	.031	DIN 6537 K
5.50	.217	28.3	1.114	5	6	460.1-0550-028A1-XM	GC34	6.00	.236	82	3.228	81.2	3.197	44	1.732	0.8	.031	DIN 6537 L
5.50	.217	44.8	1.764	8	6	460.1-0550-041A1-XM	GC34	6.00	.236	104	4.094	103.2	4.063	62	2.441	0.8	.031	COROMANT
5.56	.219	17.5	.689	3	6	460.1-0556-017A1-XM	GC34	6.00	.236	66	2.598	65.2	2.567	28	1.102	0.8	.031	DIN 6537 K
5.56	.219	28.6	1.126	5	6	460.1-0556-028A1-XM	GC34	6.00	.236	82	3.228	81.2	3.197	44	1.732	0.8	.031	DIN 6537 L
5.56	.219	45.3	1.783	8	6	460.1-0556-042A1-XM	GC34	6.00	.236	104	4.094	103.2	4.063	62	2.441	0.8	.031	COROMANT
5.60	.220	17.6	.693	3	6	460.1-0560-017A1-XM	GC34	6.00	.236	66	2.598	65.2	2.567	28	1.102	0.8	.031	DIN 6537 K
5.60	.220	28.8	1.134	5	6	460.1-0560-028A1-XM	GC34	6.00	.236	82	3.228	81.2	3.197	44	1.732	0.8	.031	DIN 6537 L
5.61	.221	28.9	1.138	5	6	460.1-0561-028A1-XM	GC34	6.00	.236	82	3.228	81.2	3.197	44	1.732	0.8	.031	DIN 6537 L
5.65	.222	29.1	1.146	5	6	460.1-0565-028A1-XM	GC34	6.00	.236	82	3.228	81.2	3.197	44	1.732	0.8	.031	DIN 6537 L
5.70	.224	17.7	.697	3	6	460.1-0570-017A1-XM	GC34	6.00	.236	66	2.598	65.2	2.567	28	1.102	0.8	.031	DIN 6537 K
5.70	.224	29.3	1.154	5	6	460.1-0570-029A1-XM	GC34	6.00	.236	82	3.228	81.2	3.197	44	1.732	0.8	.031	DIN 6537 L
5.70	.224	46.4	1.827	8	6	460.1-0570-043A1-XM	GC34	6.00	.236	104	4.094	103.2	4.063	62	2.441	0.8	.031	COROMANT
5.75	.226	29.6	1.165	5	6	460.1-0575-029A1-XM	GC34	6.00	.236	82	3.228	81.2	3.197	44	1.732	0.8	.031	DIN 6537 L
5.79	.228	29.8	1.173	5	6	460.1-0579-029A1-XM	GC34	6.00	.236	82	3.228	81.2	3.197	44	1.732	0.8	.031	DIN 6537 L
5.80	.228	17.6	.693	3	6	460.1-0580-017A1-XM	GC34	6.00	.236	66	2.598	65.1	2.563	28	1.102	0.9	.035	DIN 6537 K
5.80	.228	29.9	1.177	5	6	460.1-0580-029A1-XM	GC34	6.00	.236	82	3.228	81.1	3.193	44	1.732	0.9	.035	DIN 6537 L
5.80	.228	47.3	1.862	8	6	460.1-0580-044A1-XM	GC34	6.00	.236	104	4.094	103.1	4.059	62	2.441	0.9	.035	COROMANT
5.90	.232	30.4	1.197	5	6	460.1-0590-030A1-XM	GC34	6.00	.236	82	3.228	81.1	3.193	44	1.732	0.9	.035	DIN 6537 L
5.94	.234	30.6	1.205	5	6	460.1-0594-030A1-XM	GC34	6.00	.236	82	3.228	81.1	3.193	44	1.732	0.9	.035	DIN 6537 L
5.95	.234	17.3	.681	2	6	460.1-0595-018A1-XM	GC34	6.00	.236	66	2.598	65.1	2.563	28	1.102	0.9	.035	DIN 6537 K
5.95	.234	30.6	1.205	5	6	460.1-0595-030A1-XM	GC34	6.00	.236	82	3.228	81.1	3.193	44	1.732	0.9	.035	DIN 6537 L
5.95	.234	48.5	1.909	8	6	460.1-0595-045A1-XM	GC34	6.00	.236	104	4.094	103.1	4.059	62	2.441	0.9	.035	COROMANT

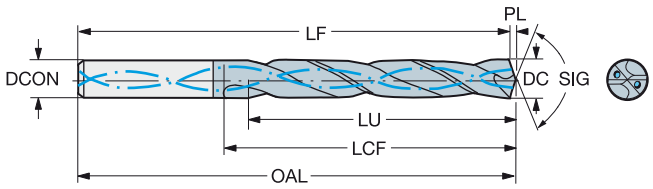
E8 E45 E36 E60 E50

Broca de metal duro integral CoroDrill® 460

Para múltiples materiales

Suministro de refrigerante interior

TCHA H9
SIG 140°



P M K N S H

Dimensiones, mm, pulg.

DC	DC"	LU	LU"	ULDR	CZC_{MS}	Código de pedido	GRADE	DCON	DCON"	OAL	OAL"	LF	LF"	LCF	LCF"	PL	PL"	BSG
6.00	.236	18.9	.744	3	6	460.1-0600-018A1-XM	GC34	6.00	.236	66	2.598	65.1	2.563	28	1.102	0.9	.035	DIN 6537 K
6.00	.236	30.9	1.217	5	6	460.1-0600-030A1-XM	GC34	6.00	.236	82	3.228	81.1	3.193	44	1.732	0.9	.035	DIN 6537 L
6.00	.236	48.9	1.925	8	6	460.1-0600-045A1-XM	GC34	6.00	.236	104	4.094	103.1	4.059	62	2.441	0.9	.035	COROMANT
6.05	.238	19.0	.748	3	8	460.1-0605-018A1-XM	GC34	8.00	.315	79	3.110	78.1	3.075	34	1.339	0.9	.035	DIN 6537 K
6.05	.238	31.1	1.224	5	8	460.1-0605-030A1-XM	GC34	8.00	.315	91	3.583	90.1	3.547	53	2.087	0.9	.035	DIN 6537 L
6.10	.240	19.2	.756	3	8	460.1-0610-018A1-XM	GC34	8.00	.315	79	3.110	78.1	3.075	34	1.339	0.9	.035	DIN 6537 K
6.10	.240	31.4	1.236	5	8	460.1-0610-031A1-XM	GC34	8.00	.315	91	3.583	90.1	3.547	53	2.087	0.9	.035	DIN 6537 L
6.10	.240	49.7	1.957	8	8	460.1-0610-046A1-XM	GC34	8.00	.315	126	4.961	125.1	4.925	84	3.307	0.9	.035	COROMANT
6.15	.242	31.7	1.248	5	8	460.1-0615-031A1-XM	GC34	8.00	.315	91	3.583	90.1	3.547	53	2.087	0.9	.035	DIN 6537 L
6.20	.244	19.5	.768	3	8	460.1-0620-019A1-XM	GC34	8.00	.315	79	3.110	78.1	3.075	34	1.339	0.9	.035	DIN 6537 K
6.20	.244	31.9	1.256	5	8	460.1-0620-031A1-XM	GC34	8.00	.315	91	3.583	90.1	3.547	53	2.087	0.9	.035	DIN 6537 L
6.20	.244	50.5	1.988	8	8	460.1-0620-047A1-XM	GC34	8.00	.315	126	4.961	125.1	4.925	84	3.307	0.9	.035	COROMANT
6.25	.246	32.2	1.268	5	8	460.1-0625-031A1-XM	GC34	8.00	.315	91	3.583	90.1	3.547	53	2.087	0.9	.035	DIN 6537 L
6.30	.248	19.8	.780	3	8	460.1-0630-019A1-XM	GC34	8.00	.315	79	3.110	78.1	3.075	34	1.339	0.9	.035	DIN 6537 K
6.30	.248	32.4	1.276	5	8	460.1-0630-032A1-XM	GC34	8.00	.315	91	3.583	90.1	3.547	53	2.087	0.9	.035	DIN 6537 L
6.35	.250	20.0	.787	3	8	460.1-0635-019A1-XM	GC34	8.00	.315	79	3.110	78.1	3.075	34	1.339	0.9	.035	DIN 6537 K
6.35	.250	32.7	1.287	5	8	460.1-0635-032A1-XM	GC34	8.00	.315	91	3.583	90.1	3.547	53	2.087	0.9	.035	DIN 6537 L
6.35	.250	51.7	2.035	8	8	460.1-0635-048A1-XM	GC34	8.00	.315	126	4.961	125.1	4.925	84	3.307	0.9	.035	COROMANT
6.40	.252	20.1	.791	3	8	460.1-0640-019A1-XM	GC34	8.00	.315	79	3.110	78.1	3.075	34	1.339	0.9	.035	DIN 6537 K
6.40	.252	32.9	1.295	5	8	460.1-0640-032A1-XM	GC34	8.00	.315	91	3.583	90.1	3.547	53	2.087	0.9	.035	DIN 6537 L
6.50	.256	20.5	.807	3	8	460.1-0650-020A1-XM	GC34	8.00	.315	79	3.110	78.0	3.071	34	1.339	1.0	.039	DIN 6537 K
6.50	.256	33.5	1.319	5	8	460.1-0650-033A1-XM	GC34	8.00	.315	91	3.583	90.0	3.543	53	2.087	1.0	.039	DIN 6537 L
6.50	.256	53.0	2.087	8	8	460.1-0650-049A1-XM	GC34	8.00	.315	126	4.961	125.0	4.921	84	3.307	1.0	.039	COROMANT
6.53	.257	33.6	1.323	5	8	460.1-0653-033A1-XM	GC34	8.00	.315	91	3.583	90.0	3.543	53	2.087	1.0	.039	DIN 6537 L
6.60	.260	20.8	.819	3	8	460.1-0660-020A1-XM	GC34	8.00	.315	79	3.110	78.0	3.071	34	1.339	1.0	.039	DIN 6537 K
6.60	.260	34.0	1.339	5	8	460.1-0660-033A1-XM	GC34	8.00	.315	91	3.583	90.0	3.543	53	2.087	1.0	.039	DIN 6537 L
6.60	.260	53.8	2.118	8	8	460.1-0660-050A1-XM	GC34	8.00	.315	126	4.961	125.0	4.921	84	3.307	1.0	.039	COROMANT
6.63	.261	34.1	1.343	5	8	460.1-0663-033A1-XM	GC34	8.00	.315	91	3.583	90.0	3.543	53	2.087	1.0	.039	DIN 6537 L
6.70	.264	21.1	.831	3	8	460.1-0670-020A1-XM	GC34	8.00	.315	79	3.110	78.0	3.071	34	1.339	1.0	.039	DIN 6537 K
6.70	.264	34.5	1.358	5	8	460.1-0670-034A1-XM	GC34	8.00	.315	91	3.583	90.0	3.543	53	2.087	1.0	.039	DIN 6537 L
6.70	.264	54.6	2.150	8	8	460.1-0670-050A1-XM	GC34	8.00	.315	126	4.961	125.0	4.921	84	3.307	1.0	.039	COROMANT
6.75	.266	21.2	.835	3	8	460.1-0675-020A1-XM	GC34	8.00	.315	79	3.110	78.0	3.071	34	1.339	1.0	.039	DIN 6537 K
6.75	.266	34.7	1.366	5	8	460.1-0675-034A1-XM	GC34	8.00	.315	91	3.583	90.0	3.543	53	2.087	1.0	.039	DIN 6537 L
6.75	.266	55.0	2.165	8	8	460.1-0675-051A1-XM	GC34	8.00	.315	126	4.961	125.0	4.921	84	3.307	1.0	.039	COROMANT
6.76	.266	34.8	1.370	5	8	460.1-0676-034A1-XM	GC34	8.00	.315	91	3.583	90.0	3.543	53	2.087	1.0	.039	DIN 6537 L
6.80	.268	21.4	.843	3	8	460.1-0680-020A1-XM	GC34	8.00	.315	79	3.110	78.0	3.071	34	1.339	1.0	.039	DIN 6537 K
6.80	.268	35.0	1.378	5	8	460.1-0680-034A1-XM	GC34	8.00	.315	91	3.583	90.0	3.543	53	2.087	1.0	.039	DIN 6537 L
6.80	.268	55.4	2.181	8	8	460.1-0680-051A1-XM	GC34	8.00	.315	126	4.961	125.0	4.921	84	3.307	1.0	.039	COROMANT
6.85	.270	35.3	1.390	5	8	460.1-0685-034A1-XM	GC34	8.00	.315	91	3.583	90.0	3.543	53	2.087	1.0	.039	DIN 6537 L
6.90	.272	21.7	.854	3	8	460.1-0690-021A1-XM	GC34	8.00	.315	79	3.110	78.0	3.071	34	1.339	1.0	.039	DIN 6537 K
6.90	.272	35.5	1.398	5	8	460.1-0690-035A1-XM	GC34	8.00	.315	91	3.583	90.0	3.543	53	2.087	1.0	.039	DIN 6537 L
6.90	.272	56.2	2.213	8	8	460.1-0690-052A1-XM	GC34	8.00	.315	126	4.961	125.0	4.921	84	3.307	1.0	.039	COROMANT
6.91	.272	35.6	1.402	5	8	460.1-0691-035A1-XM	GC34	8.00	.315	91	3.583	90.0	3.543	53	2.087	1.0	.039	DIN 6537 L
7.00	.276	22.0	.866	3	8	460.1-0700-021A1-XM	GC34	8.00	.315	79	3.110	78.0	3.071	34	1.339	1.0	.039	DIN 6537 K
7.00	.276	36.0	1.417	5	8	460.1-0700-035A1-XM	GC34	8.00	.315	91	3.583	90.0	3.543	53	2.087	1.0	.039	DIN 6537 L
7.00	.276	57.0	2.244	8	8	460.1-0700-053A1-XM	GC34	8.00	.315	126	4.961	125.0	4.921	84	3.307	1.0	.039	COROMANT
7.04	.277	36.2	1.425	5	8	460.1-0704-035A1-XM	GC34	8.00	.315	91	3.583	90.0	3.543	53	2.087	1.0	.039	DIN 6537 L
7.10	.280	22.3	.878	3	8	460.1-0710-021A1-XM	GC34	8.00	.315	79	3.110	78.0	3.071	41	1.614	1.0	.039	DIN 6537 K

E8 E45 E36 E60 E50

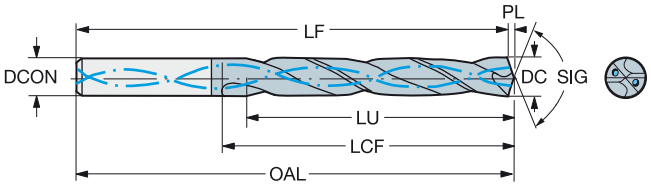
SANDVIK Coromant

Broca de metal duro integral CoroDrill® 460

Para múltiples materiales

Suministro de refrigerante interior

TCHA H9
SIG 140°



P M K N S H

								Dimensiones, mm, pulg.									
DC	DC"	LU	LU"	ULDR	CZC_{MS}	Código de pedido	GRADE	DCON	DCON"	OAL	OAL"	LF	LF"	LCF	LCF"	PL	PL"	BSG
7.10	.280	36.5	1.437	5	8	460.1-0710-036A1-XM	GC34	8.00	.315	91	3.583	90.0	3.543	53	2.087	1.0	.039	DIN 6537 L
7.14	.281	22.5	.886	3	8	460.1-0714-021A1-XM	GC34	8.00	.315	79	3.110	77.9	3.067	41	1.614	1.1	.043	DIN 6537 K
7.14	.281	36.8	1.449	5	8	460.1-0714-036A1-XM	GC34	8.00	.315	91	3.583	89.9	3.539	53	2.087	1.1	.043	DIN 6537 L
7.14	.281	58.2	2.291	8	8	460.1-0714-054A1-XM	GC34	8.00	.315	126	4.961	124.9	4.917	84	3.307	1.1	.043	COROMANT
7.20	.283	37.1	1.461	5	8	460.1-0720-036A1-XM	GC34	8.00	.315	91	3.583	89.9	3.539	53	2.087	1.1	.043	DIN 6537 L
7.20	.283	58.7	2.311	8	8	460.1-0720-054A1-XM	GC34	8.00	.315	126	4.961	124.9	4.917	84	3.307	1.1	.043	COROMANT
7.25	.285	37.3	1.469	5	8	460.1-0725-036A1-XM	GC34	8.00	.315	91	3.583	89.9	3.539	53	2.087	1.1	.043	DIN 6537 L
7.30	.287	23.0	.906	3	8	460.1-0730-022A1-XM	GC34	8.00	.315	79	3.110	77.9	3.067	41	1.614	1.1	.043	DIN 6537 K
7.30	.287	37.6	1.480	5	8	460.1-0730-037A1-XM	GC34	8.00	.315	91	3.583	89.9	3.539	53	2.087	1.1	.043	DIN 6537 L
7.37	.290	37.9	1.492	5	8	460.1-0737-037A1-XM	GC34	8.00	.315	91	3.583	89.9	3.539	53	2.087	1.1	.043	DIN 6537 L
7.40	.291	23.3	.917	3	8	460.1-0740-022A1-XM	GC34	8.00	.315	79	3.110	77.9	3.067	41	1.614	1.1	.043	DIN 6537 K
7.40	.291	38.1	1.500	5	8	460.1-0740-037A1-XM	GC34	8.00	.315	91	3.583	89.9	3.539	53	2.087	1.1	.043	DIN 6537 L
7.40	.291	60.3	2.374	8	8	460.1-0740-056A1-XM	GC34	8.00	.315	126	4.961	124.9	4.917	84	3.307	1.1	.043	COROMANT
7.45	.293	38.3	1.508	5	8	460.1-0745-037A1-XM	GC34	8.00	.315	91	3.583	89.9	3.539	53	2.087	1.1	.043	DIN 6537 L
7.49	.295	38.6	1.520	5	8	460.1-0749-037A1-XM	GC34	8.00	.315	91	3.583	89.9	3.539	53	2.087	1.1	.043	DIN 6537 L
7.50	.295	23.6	.929	3	8	460.1-0750-023A1-XM	GC34	8.00	.315	79	3.110	77.9	3.067	41	1.614	1.1	.043	DIN 6537 K
7.50	.295	38.6	1.520	5	8	460.1-0750-038A1-XM	GC34	8.00	.315	91	3.583	89.9	3.539	53	2.087	1.1	.043	DIN 6537 L
7.50	.295	61.1	2.406	8	8	460.1-0750-056A1-XM	GC34	8.00	.315	126	4.961	124.9	4.917	84	3.307	1.1	.043	COROMANT
7.54	.297	23.7	.933	3	8	460.1-0754-023A1-XM	GC34	8.00	.315	79	3.110	77.9	3.067	41	1.614	1.1	.043	DIN 6537 K
7.54	.297	38.8	1.528	5	8	460.1-0754-038A1-XM	GC34	8.00	.315	91	3.583	89.9	3.539	53	2.087	1.1	.043	DIN 6537 L
7.54	.297	61.4	2.417	8	8	460.1-0754-057A1-XM	GC34	8.00	.315	126	4.961	124.9	4.917	84	3.307	1.1	.043	COROMANT
7.60	.299	23.9	.941	3	8	460.1-0760-023A1-XM	GC34	8.00	.315	79	3.110	77.9	3.067	41	1.614	1.1	.043	DIN 6537 K
7.60	.299	39.1	1.539	5	8	460.1-0760-038A1-XM	GC34	8.00	.315	91	3.583	89.9	3.539	53	2.087	1.1	.043	DIN 6537 L
7.60	.299	61.9	2.437	8	8	460.1-0760-057A1-XM	GC34	8.00	.315	126	4.961	124.9	4.917	84	3.307	1.1	.043	COROMANT
7.67	.302	39.5	1.555	5	8	460.1-0767-038A1-XM	GC34	8.00	.315	91	3.583	89.9	3.539	53	2.087	1.1	.043	DIN 6537 L
7.70	.303	24.2	.953	3	8	460.1-0770-023A1-XM	GC34	8.00	.315	79	3.110	77.9	3.067	41	1.614	1.1	.043	DIN 6537 K
7.70	.303	39.6	1.559	5	8	460.1-0770-039A1-XM	GC34	8.00	.315	91	3.583	89.9	3.539	53	2.087	1.1	.043	DIN 6537 L
7.70	.303	62.7	2.469	8	8	460.1-0770-058A1-XM	GC34	8.00	.315	126	4.961	124.9	4.917	84	3.307	1.1	.043	COROMANT
7.80	.307	24.6	.969	3	8	460.1-0780-023A1-XM	GC34	8.00	.315	79	3.110	77.8	3.063	41	1.614	1.2	.047	DIN 6537 K
7.80	.307	40.2	1.583	5	8	460.1-0780-039A1-XM	GC34	8.00	.315	91	3.583	89.8	3.535	53	2.087	1.2	.047	DIN 6537 L
7.80	.307	63.6	2.504	8	8	460.1-0780-059A1-XM	GC34	8.00	.315	126	4.961	124.8	4.913	84	3.307	1.2	.047	COROMANT
7.90	.311	24.9	.980	3	8	460.1-0790-024A1-XM	GC34	8.00	.315	79	3.110	77.8	3.063	41	1.614	1.2	.047	DIN 6537 K
7.90	.311	40.7	1.602	5	8	460.1-0790-040A1-XM	GC34	8.00	.315	91	3.583	89.8	3.535	53	2.087	1.2	.047	DIN 6537 L
7.94	.313	25.0	.984	3	8	460.1-0794-024A1-XM	GC34	8.00	.315	79	3.110	77.8	3.063	41	1.614	1.2	.047	DIN 6537 K
7.94	.313	40.9	1.610	5	8	460.1-0794-040A1-XM	GC34	8.00	.315	91	3.583	89.8	3.535	53	2.087	1.2	.047	DIN 6537 L
7.94	.313	64.7	2.547	8	8	460.1-0794-060A1-XM	GC34	8.00	.315	126	4.961	124.8	4.913	84	3.307	1.2	.047	COROMANT
8.00	.315	25.2	.992	3	8	460.1-0800-024A1-XM	GC34	8.00	.315	79	3.110	77.8	3.063	41	1.614	1.2	.047	DIN 6537 K
8.00	.315	41.2	1.622	5	8	460.1-0800-040A1-XM	GC34	8.00	.315	91	3.583	89.8	3.535	53	2.087	1.2	.047	DIN 6537 L
8.00	.315	65.2	2.567	8	8	460.1-0800-060A1-XM	GC34	8.00	.315	126	4.961	124.8	4.913	84	3.307	1.2	.047	COROMANT
8.03	.316	41.3	1.626	5	10	460.1-0803-040A1-XM	GC34	10.00	.394	103	4.055	101.8	4.008	61	2.402	1.2	.047	DIN 6537 L
8.05	.317	25.3	.996	3	10	460.1-0805-024A1-XM	GC34	10.00	.394	89	3.504	87.8	3.457	47	1.850	1.2	.047	DIN 6537 K
8.05	.317	41.4	1.630	5	10	460.1-0805-040A1-XM	GC34	10.00	.394	103	4.055	101.8	4.008	61	2.402	1.2	.047	DIN 6537 L
8.10	.319	25.5	1.004	3	10	460.1-0810-024A1-XM	GC34	10.00	.394	89	3.504	87.8	3.457	47	1.850	1.2	.047	DIN 6537 K
8.10	.319	41.7	1.642	5	10	460.1-0810-041A1-XM	GC34	10.00	.394	103	4.055	101.8	4.008	61	2.402	1.2	.047	DIN 6537 L
8.10	.319	66.0	2.598	8	10	460.1-0810-061A1-XM	GC34	10.00	.394	152	5.984	150.8	5.937	106	4.173	1.2	.047	COROMANT
8.15	.321	42.0	1.654	5	10	460.1-0815-041A1-XM	GC34	10.00	.394	103	4.055	101.8	4.008	61	2.402	1.2	.047	DIN 6537 L
8.20	.323	25.8	1.016	3	10	460.1-0820-025A1-XM	GC34	10.00	.394	89	3.504	87.8	3.457	47	1.850	1.2	.047	DIN 6537 K
8.20	.323	42.2	1.661	5	10	460.1-0820-041A1-XM	GC34	10.00	.394	103	4.055	101.8	4.008	61	2.402	1.2	.047	DIN 6537 L

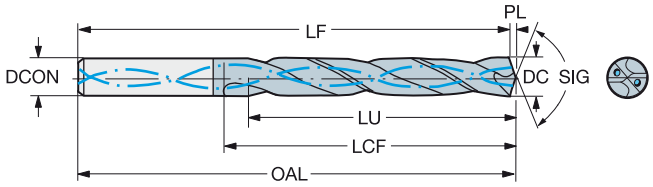
E8 E45 E36 E60 E50

Broca de metal duro integral CoroDrill® 460

Para múltiples materiales

Suministro de refrigerante interior

TCHA H9
SIG 140°



P M K N S H

								Dimensiones, mm, pulg.								
DC	DC"	LU	LU"	ULDR	CZC_{MS}	**Código de pedido**	GRADE	DCON	DCON"	OAL	OAL"	LF	LF"	LCF	LCF"	PL	PL"	BSG
8.20	.323	66.8	2.630	8	10	**460.1-0820-062A1-XM**	GC34	10.00	.394	152	5.984	150.8	5.937	106	4.173	1.2	.047	COROMANT
8.25	.325	42.5	1.673	5	10	**460.1-0825-041A1-XM**	GC34	10.00	.394	103	4.055	101.8	4.008	61	2.402	1.2	.047	DIN 6537 L
8.30	.327	42.7	1.681	5	10	**460.1-0830-042A1-XM**	GC34	10.00	.394	103	4.055	101.8	4.008	61	2.402	1.2	.047	DIN 6537 L
8.33	.328	26.2	1.032	3	10	**460.1-0833-025A1-XM**	GC34	10.00	.394	89	3.504	87.8	3.457	47	1.850	1.2	.047	DIN 6537 K
8.33	.328	42.9	1.689	5	10	**460.1-0833-042A1-XM**	GC34	10.00	.394	103	4.055	101.8	4.008	61	2.402	1.2	.047	DIN 6537 L
8.33	.328	67.9	2.673	8	10	**460.1-0833-062A1-XM**	GC34	10.00	.394	152	5.984	150.8	5.937	106	4.173	1.2	.047	COROMANT
8.40	.331	26.4	1.039	3	10	**460.1-0840-025A1-XM**	GC34	10.00	.394	89	3.504	87.8	3.457	47	1.850	1.2	.047	DIN 6537 K
8.40	.331	43.2	1.701	5	10	**460.1-0840-042A1-XM**	GC34	10.00	.394	103	4.055	101.8	4.008	61	2.402	1.2	.047	DIN 6537 L
8.40	.331	68.4	2.693	8	10	**460.1-0840-063A1-XM**	GC34	10.00	.394	152	5.984	150.8	5.937	106	4.173	1.2	.047	COROMANT
8.43	.332	43.4	1.709	5	10	**460.1-0843-042A1-XM**	GC34	10.00	.394	103	4.055	101.8	4.008	61	2.402	1.2	.047	DIN 6537 L
8.50	.335	26.8	1.055	3	10	**460.1-0850-026A1-XM**	GC34	10.00	.394	89	3.504	87.7	3.453	47	1.850	1.3	.051	DIN 6537 K
8.50	.335	43.8	1.724	5	10	**460.1-0850-043A1-XM**	GC34	10.00	.394	103	4.055	101.7	4.004	61	2.402	1.3	.051	DIN 6537 L
8.50	.335	69.3	2.728	8	10	**460.1-0850-064A1-XM**	GC34	10.00	.394	152	5.984	150.7	5.933	106	4.173	1.3	.051	COROMANT
8.55	.337	44.0	1.732	5	10	**460.1-0855-043A1-XM**	GC34	10.00	.394	103	4.055	101.7	4.004	61	2.402	1.3	.051	DIN 6537 L
8.60	.339	27.1	1.067	3	10	**460.1-0860-026A1-XM**	GC34	10.00	.394	89	3.504	87.7	3.453	47	1.850	1.3	.051	DIN 6537 K
8.60	.339	44.3	1.744	5	10	**460.1-0860-043A1-XM**	GC34	10.00	.394	103	4.055	101.7	4.004	61	2.402	1.3	.051	DIN 6537 L
8.60	.339	70.1	2.760	8	10	**460.1-0860-065A1-XM**	GC34	10.00	.394	152	5.984	150.7	5.933	106	4.173	1.3	.051	COROMANT
8.61	.339	44.3	1.744	5	10	**460.1-0861-043A1-XM**	GC34	10.00	.394	103	4.055	101.7	4.004	61	2.402	1.3	.051	DIN 6537 L
8.65	.341	44.5	1.752	5	10	**460.1-0865-043A1-XM**	GC34	10.00	.394	103	4.055	101.7	4.004	61	2.402	1.3	.051	DIN 6537 L
8.70	.343	27.4	1.079	3	10	**460.1-0870-026A1-XM**	GC34	10.00	.394	89	3.504	87.7	3.453	47	1.850	1.3	.051	DIN 6537 K
8.70	.343	44.8	1.764	5	10	**460.1-0870-044A1-XM**	GC34	10.00	.394	103	4.055	101.7	4.004	61	2.402	1.3	.051	DIN 6537 L
8.70	.343	70.9	2.791	8	10	**460.1-0870-065A1-XM**	GC34	10.00	.394	152	5.984	150.7	5.933	106	4.173	1.3	.051	COROMANT
8.73	.344	27.5	1.083	3	10	**460.1-0873-026A1-XM**	GC34	10.00	.394	89	3.504	87.7	3.453	47	1.850	1.3	.051	DIN 6537 K
8.73	.344	44.9	1.768	5	10	**460.1-0873-044A1-XM**	GC34	10.00	.394	103	4.055	101.7	4.004	61	2.402	1.3	.051	DIN 6537 L
8.73	.344	71.1	2.799	8	10	**460.1-0873-065A1-XM**	GC34	10.00	.394	152	5.984	150.7	5.933	106	4.173	1.3	.051	COROMANT
8.80	.346	27.7	1.091	3	10	**460.1-0880-026A1-XM**	GC34	10.00	.394	89	3.504	87.7	3.453	47	1.850	1.3	.051	DIN 6537 K
8.80	.346	45.3	1.783	5	10	**460.1-0880-044A1-XM**	GC34	10.00	.394	103	4.055	101.7	4.004	61	2.402	1.3	.051	DIN 6537 L
8.80	.346	71.7	2.823	8	10	**460.1-0880-066A1-XM**	GC34	10.00	.394	152	5.984	150.7	5.933	106	4.173	1.3	.051	COROMANT
8.84	.348	45.5	1.791	5	10	**460.1-0884-044A1-XM**	GC34	10.00	.394	103	4.055	101.7	4.004	61	2.402	1.3	.051	DIN 6537 L
8.90	.350	28.0	1.102	3	10	**460.1-0890-027A1-XM**	GC34	10.00	.394	89	3.504	87.7	3.453	47	1.850	1.3	.051	DIN 6537 K
8.90	.350	45.8	1.803	5	10	**460.1-0890-045A1-XM**	GC34	10.00	.394	103	4.055	101.7	4.004	61	2.402	1.3	.051	DIN 6537 L
9.00	.354	28.3	1.114	3	10	**460.1-0900-027A1-XM**	GC34	10.00	.394	89	3.504	87.7	3.453	47	1.850	1.3	.051	DIN 6537 K
9.00	.354	46.3	1.823	5	10	**460.1-0900-045A1-XM**	GC34	10.00	.394	103	4.055	101.7	4.004	61	2.402	1.3	.051	DIN 6537 L
9.00	.354	73.3	2.886	8	10	**460.1-0900-068A1-XM**	GC34	10.00	.394	152	5.984	150.7	5.933	106	4.173	1.3	.051	COROMANT
9.05	.356	46.6	1.835	5	10	**460.1-0905-045A1-XM**	GC34	10.00	.394	103	4.055	101.7	4.004	61	2.402	1.3	.051	DIN 6537 L
9.09	.358	46.8	1.843	5	10	**460.1-0909-045A1-XM**	GC34	10.00	.394	103	4.055	101.7	4.004	61	2.402	1.3	.051	DIN 6537 L
9.10	.358	28.6	1.126	3	10	**460.1-0910-027A1-XM**	GC34	10.00	.394	89	3.504	87.7	3.453	47	1.850	1.3	.051	DIN 6537 K
9.10	.358	46.8	1.843	5	10	**460.1-0910-046A1-XM**	GC34	10.00	.394	103	4.055	101.7	4.004	61	2.402	1.3	.051	DIN 6537 L
9.13	.359	28.7	1.130	3	10	**460.1-0913-027A1-XM**	GC34	10.00	.394	89	3.504	87.6	3.449	47	1.850	1.4	.055	DIN 6537 K
9.13	.359	47.0	1.850	5	10	**460.1-0913-046A1-XM**	GC34	10.00	.394	103	4.055	101.6	4.000	61	2.402	1.4	.055	DIN 6537 L
9.13	.359	74.4	2.929	8	10	**460.1-0913-068A1-XM**	GC34	10.00	.394	152	5.984	150.6	5.929	106	4.173	1.4	.055	COROMANT
9.20	.362	47.4	1.866	5	10	**460.1-0920-046A1-XM**	GC34	10.00	.394	103	4.055	101.6	4.000	61	2.402	1.4	.055	DIN 6537 L
9.25	.364	47.6	1.874	5	10	**460.1-0925-046A1-XM**	GC34	10.00	.394	103	4.055	101.6	4.000	61	2.402	1.4	.055	DIN 6537 L
9.30	.366	29.3	1.154	3	10	**460.1-0930-028A1-XM**	GC34	10.00	.394	89	3.504	87.6	3.449	47	1.850	1.4	.055	DIN 6537 K
9.30	.366	47.9	1.886	5	10	**460.1-0930-047A1-XM**	GC34	10.00	.394	103	4.055	101.6	4.000	61	2.402	1.4	.055	DIN 6537 L
9.30	.366	75.8	2.984	8	10	**460.1-0930-070A1-XM**	GC34	10.00	.394	152	5.984	150.6	5.929	106	4.173	1.4	.055	COROMANT
9.35	.368	48.1	1.894	5	10	**460.1-0935-047A1-XM**	GC34	10.00	.394	103	4.055	101.6	4.000	61	2.402	1.4	.055	DIN 6537 L
9.40	.370	29.6	1.165	3	10	**460.1-0940-028A1-XM**	GC34	10.00	.394	89	3.504	87.6	3.449	47	1.850	1.4	.055	DIN 6537 K

E8 E45 E36 E60 E50

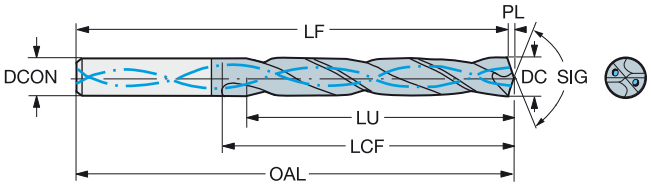
SANDVIK Coromant

Broca de metal duro integral CoroDrill® 460

Para múltiples materiales

Suministro de refrigerante interior

TCHA H9
SIG 140°



P M K N S H

								Dimensiones, mm, pulg.								
DC	DC"	LU	LU"	ULDR	CZC_{MS}	Código de pedido	GRADE	DCON	DCON"	OAL	OAL"	LF	LF"	LCF	LCF"	PL	PL"	BSG
9.40	.370	48.4	1.906	5	10	460.1-0940-047A1-XM	GC34	10.00	.394	103	4.055	101.6	4.000	61	2.402	1.4	.055	DIN 6537 L
9.50	.374	29.9	1.177	3	10	460.1-0950-029A1-XM	GC34	10.00	.394	89	3.504	87.6	3.449	47	1.850	1.4	.055	DIN 6537 K
9.50	.374	48.7	1.917	5	10	460.1-0950-048A1-XM	GC34	10.00	.394	103	4.055	101.6	4.000	61	2.402	1.4	.055	DIN 6537 L
9.50	.374	77.4	3.047	8	10	460.1-0950-071A1-XM	GC34	10.00	.394	152	5.984	150.6	5.929	106	4.173	1.4	.055	COROMANT
9.53	.375	30.0	1.181	3	10	460.1-0953-029A1-XM	GC34	10.00	.394	89	3.504	87.6	3.449	47	1.850	1.4	.055	DIN 6537 K
9.53	.375	48.6	1.913	5	10	460.1-0953-048A1-XM	GC34	10.00	.394	103	4.055	101.6	4.000	61	2.402	1.4	.055	DIN 6537 L
9.53	.375	77.6	3.055	8	10	460.1-0953-071A1-XM	GC34	10.00	.394	152	5.984	150.6	5.929	106	4.173	1.4	.055	COROMANT
9.58	.377	48.5	1.909	5	10	460.1-0958-048A1-XM	GC34	10.00	.394	103	4.055	101.6	4.000	61	2.402	1.4	.055	DIN 6537 L
9.60	.378	30.2	1.189	3	10	460.1-0960-029A1-XM	GC34	10.00	.394	89	3.504	87.6	3.449	47	1.850	1.4	.055	DIN 6537 K
9.60	.378	48.5	1.909	5	10	460.1-0960-048A1-XM	GC34	10.00	.394	103	4.055	101.6	4.000	61	2.402	1.4	.055	DIN 6537 L
9.65	.380	48.5	1.909	5	10	460.1-0965-048A1-XM	GC34	10.00	.394	103	4.055	101.6	4.000	61	2.402	1.4	.055	DIN 6537 L
9.70	.382	30.5	1.201	3	10	460.1-0970-029A1-XM	GC34	10.00	.394	89	3.504	87.6	3.449	47	1.850	1.4	.055	DIN 6537 K
9.70	.382	48.4	1.906	4	10	460.1-0970-049A1-XM	GC34	10.00	.394	103	4.055	101.6	4.000	61	2.402	1.4	.055	DIN 6537 L
9.80	.386	30.9	1.217	3	10	460.1-0980-029A1-XM	GC34	10.00	.394	89	3.504	87.5	3.445	47	1.850	1.5	.059	DIN 6537 K
9.80	.386	48.3	1.902	4	10	460.1-0980-049A1-XM	GC34	10.00	.394	103	4.055	101.5	3.996	61	2.402	1.5	.059	DIN 6537 L
9.80	.386	79.9	3.146	8	10	460.1-0980-074A1-XM	GC34	10.00	.394	152	5.984	150.5	5.925	106	4.173	1.5	.059	COROMANT
9.90	.390	31.2	1.228	3	10	460.1-0990-030A1-XM	GC34	10.00	.394	89	3.504	87.5	3.445	47	1.850	1.5	.059	DIN 6537 K
9.90	.390	48.1	1.894	4	10	460.1-0990-050A1-XM	GC34	10.00	.394	103	4.055	101.5	3.996	61	2.402	1.5	.059	DIN 6537 L
9.90	.390	80.7	3.177	8	10	460.1-0990-074A1-XM	GC34	10.00	.394	152	5.984	150.5	5.925	106	4.173	1.5	.059	COROMANT
9.92	.391	31.2	1.228	3	10	460.1-0992-030A1-XM	GC34	10.00	.394	89	3.504	87.5	3.445	47	1.850	1.5	.059	DIN 6537 K
9.92	.391	48.1	1.894	4	10	460.1-0992-050A1-XM	GC34	10.00	.394	103	4.055	101.5	3.996	61	2.402	1.5	.059	DIN 6537 L
9.92	.391	80.8	3.181	8	10	460.1-0992-074A1-XM	GC34	10.00	.394	152	5.984	150.5	5.925	106	4.173	1.5	.059	COROMANT
10.00	.394	31.5	1.240	3	10	460.1-1000-030A1-XM	GC34	10.00	.394	89	3.504	87.5	3.445	47	1.850	1.5	.059	DIN 6537 K
10.00	.394	48.0	1.890	4	10	460.1-1000-050A1-XM	GC34	10.00	.394	103	4.055	101.5	3.996	61	2.402	1.5	.059	DIN 6537 L
10.00	.394	81.5	3.209	8	10	460.1-1000-075A1-XM	GC34	10.00	.394	152	5.984	150.5	5.925	106	4.173	1.5	.059	COROMANT
10.05	.396	31.6	1.244	3	12	460.1-1005-030A1-XM	GC34	12.00	.472	102	4.016	100.5	3.957	55	2.165	1.5	.059	DIN 6537 K
10.05	.396	51.7	2.035	5	12	460.1-1005-050A1-XM	GC34	12.00	.472	118	4.646	116.5	4.587	71	2.795	1.5	.059	DIN 6537 L
10.08	.397	51.9	2.043	5	12	460.1-1008-050A1-XM	GC34	12.00	.472	118	4.646	116.5	4.587	71	2.795	1.5	.059	DIN 6537 L
10.10	.398	31.8	1.252	3	12	460.1-1010-030A1-XM	GC34	12.00	.472	102	4.016	100.5	3.957	55	2.165	1.5	.059	DIN 6537 K
10.10	.398	52.0	2.047	5	12	460.1-1010-051A1-XM	GC34	12.00	.472	118	4.646	116.5	4.587	71	2.795	1.5	.059	DIN 6537 L
10.20	.402	32.1	1.264	3	12	460.1-1020-031A1-XM	GC34	12.00	.472	102	4.016	100.5	3.957	55	2.165	1.5	.059	DIN 6537 K
10.20	.402	52.5	2.067	5	12	460.1-1020-051A1-XM	GC34	12.00	.472	118	4.646	116.5	4.587	71	2.795	1.5	.059	DIN 6537 L
10.20	.402	83.1	3.272	8	12	460.1-1020-077A1-XM	GC34	12.00	.472	180	7.087	178.5	7.028	128	5.039	1.5	.059	COROMANT
10.26	.404	52.8	2.079	5	12	460.1-1026-051A1-XM	GC34	12.00	.472	118	4.646	116.5	4.587	71	2.795	1.5	.059	DIN 6537 L
10.30	.406	32.4	1.276	3	12	460.1-1030-031A1-XM	GC34	12.00	.472	102	4.016	100.5	3.957	55	2.165	1.5	.059	DIN 6537 K
10.30	.406	53.0	2.087	5	12	460.1-1030-052A1-XM	GC34	12.00	.472	118	4.646	116.5	4.587	71	2.795	1.5	.059	DIN 6537 L
10.30	.406	83.9	3.303	8	12	460.1-1030-077A1-XM	GC34	12.00	.472	180	7.087	178.5	7.028	128	5.039	1.5	.059	COROMANT
10.32	.406	32.5	1.280	3	12	460.1-1032-031A1-XM	GC34	12.00	.472	102	4.016	100.5	3.957	55	2.165	1.5	.059	DIN 6537 K
10.32	.406	53.1	2.091	5	12	460.1-1032-052A1-XM	GC34	12.00	.472	118	4.646	116.5	4.587	71	2.795	1.5	.059	DIN 6537 L
10.32	.406	84.1	3.311	8	12	460.1-1032-077A1-XM	GC34	12.00	.472	180	7.087	178.5	7.028	128	5.039	1.5	.059	COROMANT
10.40	.409	32.7	1.287	3	12	460.1-1040-031A1-XM	GC34	12.00	.472	102	4.016	100.5	3.957	55	2.165	1.5	.059	DIN 6537 K
10.40	.409	53.5	2.106	5	12	460.1-1040-052A1-XM	GC34	12.00	.472	118	4.646	116.5	4.587	71	2.795	1.5	.059	DIN 6537 L
10.40	.409	84.7	3.335	8	12	460.1-1040-078A1-XM	GC34	12.00	.472	180	7.087	178.5	7.028	128	5.039	1.5	.059	COROMANT
10.45	.411	53.8	2.118	5	12	460.1-1045-052A1-XM	GC34	12.00	.472	118	4.646	116.4	4.583	71	2.795	1.6	.063	DIN 6537 L
10.49	.413	54.0	2.126	5	12	460.1-1049-052A1-XM	GC34	12.00	.472	118	4.646	116.4	4.583	71	2.795	1.6	.063	DIN 6537 L
10.50	.413	33.1	1.303	3	12	460.1-1050-032A1-XM	GC34	12.00	.472	102	4.016	100.4	3.953	55	2.165	1.6	.063	DIN 6537 K
10.50	.413	54.1	2.130	5	12	460.1-1050-053A1-XM	GC34	12.00	.472	118	4.646	116.4	4.583	71	2.795	1.6	.063	DIN 6537 L
10.50	.413	85.6	3.370	8	12	460.1-1050-079A1-XM	GC34	12.00	.472	180	7.087	178.4	7.024	128	5.039	1.6	.063	COROMANT

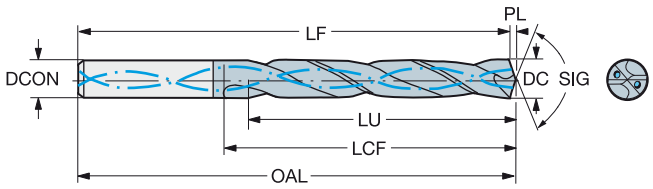
E8 E45 E36 E60 E50

Broca de metal duro integral CoroDrill® 460

Para múltiples materiales

Suministro de refrigerante interior

TCHA H9
SIG 140°



P M K N S H

Dimensiones, mm, pulg.

DC	DC"	LU	LU"	ULDR	CZC_{MS}	Código de pedido	GRADE	DCON	DCON"	OAL	OAL"	LF	LF"	LCF	LCF"	PL	PL"	BSG
10.55	.415	54.3	2.138	5	12	460.1-1055-053A1-XM	GC34	12.00	.472	118	4.646	116.4	4.583	71	2.795	1.6	.063	DIN 6537 L
10.60	.417	33.4	1.315	3	12	460.1-1060-032A1-XM	GC34	12.00	.472	102	4.016	100.4	3.953	55	2.165	1.6	.063	DIN 6537 K
10.60	.417	54.6	2.150	5	12	460.1-1060-053A1-XM	GC34	12.00	.472	118	4.646	116.4	4.583	71	2.795	1.6	.063	DIN 6537 L
10.65	.419	54.8	2.157	5	12	460.1-1065-053A1-XM	GC34	12.00	.472	118	4.646	116.4	4.583	71	2.795	1.6	.063	DIN 6537 L
10.70	.421	55.1	2.169	5	12	460.1-1070-054A1-XM	GC34	12.00	.472	118	4.646	116.4	4.583	71	2.795	1.6	.063	DIN 6537 L
10.72	.422	33.7	1.327	3	12	460.1-1072-032A1-XM	GC34	12.00	.472	102	4.016	100.4	3.953	55	2.165	1.6	.063	DIN 6537 K
10.72	.422	55.2	2.173	5	12	460.1-1072-054A1-XM	GC34	12.00	.472	118	4.646	116.4	4.583	71	2.795	1.6	.063	DIN 6537 L
10.72	.422	87.3	3.437	8	12	460.1-1072-080A1-XM	GC34	12.00	.472	180	7.087	178.4	7.024	128	5.039	1.6	.063	COROMANT
10.75	.423	55.3	2.177	5	12	460.1-1075-054A1-XM	GC34	12.00	.472	118	4.646	116.4	4.583	71	2.795	1.6	.063	DIN 6537 L
10.90	.429	56.1	2.209	5	12	460.1-1090-055A1-XM	GC34	12.00	.472	118	4.646	116.4	4.583	71	2.795	1.6	.063	DIN 6537 L
11.00	.433	34.6	1.362	3	12	460.1-1100-033A1-XM	GC34	12.00	.472	102	4.016	100.4	3.953	55	2.165	1.6	.063	DIN 6537 K
11.00	.433	56.6	2.228	5	12	460.1-1100-055A1-XM	GC34	12.00	.472	118	4.646	116.4	4.583	71	2.795	1.6	.063	DIN 6537 L
11.00	.433	89.6	3.528	8	12	460.1-1100-083A1-XM	GC34	12.00	.472	180	7.087	178.4	7.024	128	5.039	1.6	.063	COROMANT
11.11	.437	35.0	1.378	3	12	460.1-1111-033A1-XM	GC34	12.00	.472	102	4.016	100.3	3.949	55	2.165	1.7	.067	DIN 6537 K
11.11	.437	57.2	2.252	5	12	460.1-1111-056A1-XM	GC34	12.00	.472	118	4.646	116.3	4.579	71	2.795	1.7	.067	DIN 6537 L
11.11	.437	90.5	3.563	8	12	460.1-1111-083A1-XM	GC34	12.00	.472	180	7.087	178.3	7.020	128	5.039	1.7	.067	COROMANT
11.20	.441	35.3	1.390	3	12	460.1-1120-034A1-XM	GC34	12.00	.472	102	4.016	100.3	3.949	55	2.165	1.7	.067	DIN 6537 K
11.20	.441	57.6	2.268	5	12	460.1-1120-056A1-XM	GC34	12.00	.472	118	4.646	116.3	4.579	71	2.795	1.7	.067	DIN 6537 L
11.20	.441	91.3	3.594	8	12	460.1-1120-084A1-XM	GC34	12.00	.472	180	7.087	178.3	7.020	128	5.039	1.7	.067	COROMANT
11.30	.445	57.4	2.260	5	12	460.1-1130-057A1-XM	GC34	12.00	.472	118	4.646	116.3	4.579	71	2.795	1.7	.067	DIN 6537 L
11.40	.449	35.9	1.413	3	12	460.1-1140-034A1-XM	GC34	12.00	.472	102	4.016	100.3	3.949	55	2.165	1.7	.067	DIN 6537 K
11.40	.449	57.3	2.256	5	12	460.1-1140-057A1-XM	GC34	12.00	.472	118	4.646	116.3	4.579	71	2.795	1.7	.067	DIN 6537 L
11.50	.453	36.2	1.425	3	12	460.1-1150-035A1-XM	GC34	12.00	.472	102	4.016	100.3	3.949	55	2.165	1.7	.067	DIN 6537 K
11.50	.453	57.2	2.252	4	12	460.1-1150-058A1-XM	GC34	12.00	.472	118	4.646	116.3	4.579	71	2.795	1.7	.067	DIN 6537 L
11.50	.453	93.7	3.689	8	12	460.1-1150-086A1-XM	GC34	12.00	.472	180	7.087	178.3	7.020	128	5.039	1.7	.067	COROMANT
11.51	.453	36.2	1.425	3	12	460.1-1151-035A1-XM	GC34	12.00	.472	102	4.016	100.3	3.949	55	2.165	1.7	.067	DIN 6537 K
11.51	.453	57.2	2.252	4	12	460.1-1151-058A1-XM	GC34	12.00	.472	118	4.646	116.3	4.579	71	2.795	1.7	.067	DIN 6537 L
11.51	.453	93.8	3.693	8	12	460.1-1151-086A1-XM	GC34	12.00	.472	180	7.087	178.3	7.020	128	5.039	1.7	.067	COROMANT
11.55	.455	57.1	2.248	4	12	460.1-1155-058A1-XM	GC34	12.00	.472	118	4.646	116.3	4.579	71	2.795	1.7	.067	DIN 6537 L
11.60	.457	36.5	1.437	3	12	460.1-1160-035A1-XM	GC34	12.00	.472	102	4.016	100.3	3.949	55	2.165	1.7	.067	DIN 6537 K
11.60	.457	57.1	2.248	4	12	460.1-1160-058A1-XM	GC34	12.00	.472	118	4.646	116.3	4.579	71	2.795	1.7	.067	DIN 6537 L
11.70	.461	57.0	2.244	4	12	460.1-1170-059A1-XM	GC34	12.00	.472	118	4.646	116.3	4.579	71	2.795	1.7	.067	DIN 6537 L
11.80	.465	37.2	1.465	3	12	460.1-1180-035A1-XM	GC34	12.00	.472	102	4.016	100.2	3.945	55	2.165	1.8	.071	DIN 6537 K
11.80	.465	56.8	2.236	4	12	460.1-1180-059A1-XM	GC34	12.00	.472	118	4.646	116.2	4.575	71	2.795	1.8	.071	DIN 6537 L
11.80	.465	96.2	3.787	8	12	460.1-1180-089A1-XM	GC34	12.00	.472	180	7.087	178.2	7.016	128	5.039	1.8	.071	COROMANT
11.91	.469	37.5	1.476	3	12	460.1-1191-036A1-XM	GC34	12.00	.472	102	4.016	100.2	3.945	55	2.165	1.8	.071	DIN 6537 K
11.91	.469	56.7	2.232	4	12	460.1-1191-060A1-XM	GC34	12.00	.472	118	4.646	116.2	4.575	71	2.795	1.8	.071	DIN 6537 L
11.91	.469	97.0	3.819	8	12	460.1-1191-089A1-XM	GC34	12.00	.472	180	7.087	178.2	7.016	128	5.039	1.8	.071	COROMANT
12.00	.472	37.8	1.488	3	12	460.1-1200-036A1-XM	GC34	12.00	.472	102	4.016	100.2	3.945	55	2.165	1.8	.071	DIN 6537 K
12.00	.472	56.6	2.228	4	12	460.1-1200-060A1-XM	GC34	12.00	.472	118	4.646	116.2	4.575	71	2.795	1.8	.071	DIN 6537 L
12.00	.472	97.8	3.850	8	12	460.1-1200-090A1-XM	GC34	12.00	.472	180	7.087	178.2	7.016	128	5.039	1.8	.071	COROMANT
12.05	.474	37.9	1.492	3	14	460.1-1205-036A1-XM	GC34	14.00	.551	107	4.213	105.2	4.142	60	2.362	1.8	.071	DIN 6537 K
12.05	.474	62.0	2.441	5	14	460.1-1205-060A1-XM	GC34	14.00	.551	124	4.882	122.2	4.811	77	3.032	1.8	.071	DIN 6537 L
12.10	.476	38.1	1.500	3	14	460.1-1210-036A1-XM	GC34	14.00	.551	107	4.213	105.2	4.142	60	2.362	1.8	.071	DIN 6537 K
12.20	.480	38.4	1.512	3	14	460.1-1220-037A1-XM	GC34	14.00	.551	107	4.213	105.2	4.142	60	2.362	1.8	.071	DIN 6537 K
12.20	.480	62.4	2.457	5	14	460.1-1220-061A1-XM	GC34	14.00	.551	124	4.882	122.2	4.811	77	3.032	1.8	.071	DIN 6537 L
12.20	.480	99.4	3.913	8	14	460.1-1220-092A1-XM	GC34	14.00	.551	202	7.953	200.2	7.882	151	5.945	1.8	.071	COROMANT
12.25	.482	62.3	2.453	5	14	460.1-1225-061A1-XM	GC34	14.00	.551	124	4.882	122.2	4.811	77	3.032	1.8	.071	DIN 6537 L

E8 E45 E36 E60 E50

SANDVIK Coromant

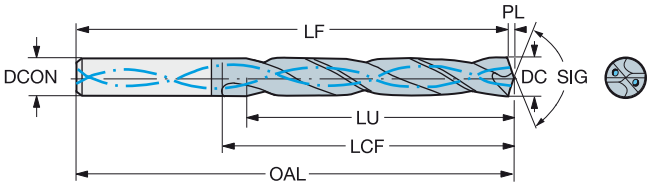
SPA

Broca de metal duro integral CoroDrill® 460

Para múltiples materiales

Suministro de refrigerante interior

TCHA H9
SIG 140°



P M K N S H

								Dimensiones, mm, pulg.									
DC	DC"	LU	LU"	ULDR	CZC_{MS}	**Código de pedido**	GRADE	DCON	DCON"	OAL	OAL"	LF	LF"	LCF	LCF"	PL	PL"	BSG
12.30	.484	38.7	1.524	3	14	**460.1-1230-037A1-XM**	GC34	14.00	.551	107	4.213	105.2	4.142	60	2.362	1.8	.071	DIN 6537 K
12.30	.484	62.2	2.449	5	14	**460.1-1230-062A1-XM**	GC34	14.00	.551	124	4.882	122.2	4.811	77	3.032	1.8	.071	DIN 6537 L
12.30	.484	100.3	3.949	8	14	**460.1-1230-092A1-XM**	GC34	14.00	.551	202	7.953	200.2	7.882	151	5.945	1.8	.071	COROMANT
12.40	.488	62.1	2.445	5	14	**460.1-1240-062A1-XM**	GC34	14.00	.551	124	4.882	122.2	4.811	77	3.032	1.8	.071	DIN 6537 L
12.50	.492	39.4	1.551	3	14	**460.1-1250-038A1-XM**	GC34	14.00	.551	107	4.213	105.1	4.138	60	2.362	1.9	.075	DIN 6537 K
12.50	.492	62.0	2.441	4	14	**460.1-1250-063A1-XM**	GC34	14.00	.551	124	4.882	122.1	4.807	77	3.032	1.9	.075	DIN 6537 L
12.50	.492	101.9	4.012	8	14	**460.1-1250-094A1-XM**	GC34	14.00	.551	202	7.953	200.1	7.878	151	5.945	1.9	.075	COROMANT
12.60	.496	61.9	2.437	4	14	**460.1-1260-063A1-XM**	GC34	14.00	.551	124	4.882	122.1	4.807	77	3.032	1.9	.075	DIN 6537 L
12.70	.500	40.0	1.575	3	14	**460.1-1270-038A1-XM**	GC34	14.00	.551	107	4.213	105.1	4.138	60	2.362	1.9	.075	DIN 6537 K
12.70	.500	61.8	2.433	4	14	**460.1-1270-064A1-XM**	GC34	14.00	.551	124	4.882	122.1	4.807	77	3.032	1.9	.075	DIN 6537 L
12.70	.500	103.5	4.075	8	14	**460.1-1270-095A1-XM**	GC34	14.00	.551	202	7.953	200.1	7.878	151	5.945	1.9	.075	COROMANT
12.75	.502	61.7	2.429	4	14	**460.1-1275-064A1-XM**	GC34	14.00	.551	124	4.882	122.1	4.807	77	3.032	1.9	.075	DIN 6537 L
12.80	.504	40.3	1.587	3	14	**460.1-1280-038A1-XM**	GC34	14.00	.551	107	4.213	105.1	4.138	60	2.362	1.9	.075	DIN 6537 K
12.80	.504	61.6	2.425	4	14	**460.1-1280-064A1-XM**	GC34	14.00	.551	124	4.882	122.1	4.807	77	3.032	1.9	.075	DIN 6537 L
12.80	.504	104.3	4.106	8	14	**460.1-1280-096A1-XM**	GC34	14.00	.551	202	7.953	200.1	7.878	151	5.945	1.9	.075	COROMANT
12.90	.508	61.5	2.421	4	14	**460.1-1290-065A1-XM**	GC34	14.00	.551	124	4.882	122.1	4.807	77	3.032	1.9	.075	DIN 6537 L
13.00	.512	40.9	1.610	3	14	**460.1-1300-039A1-XM**	GC34	14.00	.551	107	4.213	105.1	4.138	60	2.362	1.9	.075	DIN 6537 K
13.00	.512	61.4	2.417	4	14	**460.1-1300-065A1-XM**	GC34	14.00	.551	124	4.882	122.1	4.807	77	3.032	1.9	.075	DIN 6537 L
13.00	.512	105.9	4.169	8	14	**460.1-1300-098A1-XM**	GC34	14.00	.551	202	7.953	200.1	7.878	151	5.945	1.9	.075	COROMANT
13.10	.516	41.2	1.622	3	14	**460.1-1310-039A1-XM**	GC34	14.00	.551	107	4.213	105.0	4.134	60	2.362	2.0	.079	DIN 6537 K
13.10	.516	61.3	2.413	4	14	**460.1-1310-066A1-XM**	GC34	14.00	.551	124	4.882	122.0	4.803	77	3.032	2.0	.079	DIN 6537 L
13.10	.516	106.7	4.201	8	14	**460.1-1310-098A1-XM**	GC34	14.00	.551	202	7.953	200.0	7.874	151	5.945	2.0	.079	COROMANT
13.25	.522	61.1	2.406	4	14	**460.1-1325-066A1-XM**	GC34	14.00	.551	124	4.882	122.0	4.803	77	3.032	2.0	.079	DIN 6537 L
13.30	.524	61.0	2.402	4	14	**460.1-1330-067A1-XM**	GC34	14.00	.551	124	4.882	122.0	4.803	77	3.032	2.0	.079	DIN 6537 L
13.40	.528	60.9	2.398	4	14	**460.1-1340-067A1-XM**	GC34	14.00	.551	124	4.882	122.0	4.803	77	3.032	2.0	.079	DIN 6537 L
13.49	.531	42.5	1.673	3	14	**460.1-1349-041A1-XM**	GC34	14.00	.551	107	4.213	105.0	4.134	60	2.362	2.0	.079	DIN 6537 K
13.49	.531	60.8	2.394	4	14	**460.1-1349-061A1-XM**	GC34	14.00	.551	124	4.882	122.0	4.803	77	3.032	2.0	.079	DIN 6537 L
13.49	.531	110.0	4.331	8	14	**460.1-1349-101A1-XM**	GC34	14.00	.551	202	7.953	200.0	7.874	151	5.945	2.0	.079	COROMANT
13.50	.531	42.5	1.673	3	14	**460.1-1350-041A1-XM**	GC34	14.00	.551	107	4.213	105.0	4.134	60	2.362	2.0	.079	DIN 6537 K
13.50	.531	60.8	2.394	4	14	**460.1-1350-061A1-XM**	GC34	14.00	.551	124	4.882	122.0	4.803	77	3.032	2.0	.079	DIN 6537 L
13.50	.531	110.0	4.331	8	14	**460.1-1350-101A1-XM**	GC34	14.00	.551	202	7.953	200.0	7.874	151	5.945	2.0	.079	COROMANT
13.55	.533	60.7	2.390	4	14	**460.1-1355-061A1-XM**	GC34	14.00	.551	124	4.882	122.0	4.803	77	3.032	2.0	.079	DIN 6537 L
13.65	.537	60.6	2.386	4	14	**460.1-1365-061A1-XM**	GC34	14.00	.551	124	4.882	122.0	4.803	77	3.032	2.0	.079	DIN 6537 L
13.70	.539	111.6	4.394	8	14	**460.1-1370-103A1-XM**	GC34	14.00	.551	202	7.953	200.0	7.874	151	5.945	2.0	.079	COROMANT
13.75	.541	60.5	2.382	4	14	**460.1-1375-062A1-XM**	GC34	14.00	.551	124	4.882	122.0	4.803	77	3.032	2.0	.079	DIN 6537 L
13.80	.543	43.4	1.709	3	14	**460.1-1380-041A1-XM**	GC34	14.00	.551	107	4.213	104.9	4.130	60	2.362	2.1	.083	DIN 6537 K
13.80	.543	60.4	2.378	4	14	**460.1-1380-062A1-XM**	GC34	14.00	.551	124	4.882	121.9	4.799	77	3.032	2.1	.083	DIN 6537 L
13.89	.547	43.3	1.705	3	14	**460.1-1389-042A1-XM**	GC34	14.00	.551	107	4.213	104.9	4.130	60	2.362	2.1	.083	DIN 6537 K
13.89	.547	60.3	2.374	4	14	**460.1-1389-063A1-XM**	GC34	14.00	.551	124	4.882	121.9	4.799	77	3.032	2.1	.083	DIN 6537 L
13.89	.547	113.2	4.457	8	14	**460.1-1389-104A1-XM**	GC34	14.00	.551	202	7.953	199.9	7.870	151	5.945	2.1	.083	COROMANT
14.00	.551	44.1	1.736	3	14	**460.1-1400-042A1-XM**	GC34	14.00	.551	107	4.213	104.9	4.130	60	2.362	2.1	.083	DIN 6537 K
14.00	.551	63.0	2.480	4	14	**460.1-1400-063A1-XM**	GC34	14.00	.551	124	4.882	121.9	4.799	77	3.032	2.1	.083	DIN 6537 L
14.00	.551	114.1	4.492	8	14	**460.1-1400-105A1-XM**	GC34	14.00	.551	202	7.953	199.9	7.870	151	5.945	2.1	.083	COROMANT
14.10	.555	68.9	2.713	4	16	**460.1-1410-063A1-XM**	GC34	16.00	.630	133	5.236	130.9	5.154	83	3.268	2.1	.083	DIN 6537 L
14.20	.559	115.7	4.555	8	16	**460.1-1420-107A1-XM**	GC34	16.00	.630	227	8.937	224.9	8.854	172	6.772	2.1	.083	COROMANT
14.25	.561	44.9	1.768	3	16	**460.1-1425-043A1-XM**	GC34	16.00	.630	115	4.528	112.9	4.445	65	2.559	2.1	.083	DIN 6537 K
14.25	.561	68.8	2.709	4	16	**460.1-1425-071A1-XM**	GC34	16.00	.630	133	5.236	130.9	5.154	83	3.268	2.1	.083	DIN 6537 L
14.25	.561	116.1	4.571	8	16	**460.1-1425-107A1-XM**	GC34	16.00	.630	227	8.937	224.9	8.854	172	6.772	2.1	.083	COROMANT

E8 E45 E36 E60 E50

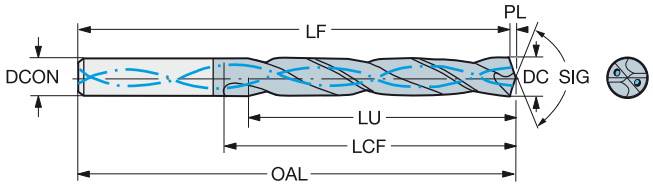
SANDVIK Coromant

Broca de metal duro integral CoroDrill® 460

Para múltiples materiales

Suministro de refrigerante interior

TCHA H9
SIG 140°



P M K N S H

								Dimensiones, mm, pulg.									
DC	DC"	LU	LU"	ULDR	CZC_{MS}	Código de pedido	GRADE	DCON	DCON"	OAL	OAL"	LF	LF"	LCF	LCF"	PL	PL"	BSG
14.29	.563	45.0	1.772	3	16	460.1-1429-043A1-XM	GC34	16.00	.630	115	4.528	112.9	4.445	65	2.559	2.1	.083	DIN 6537 K
14.29	.563	68.7	2.705	4	16	460.1-1429-072A1-XM	GC34	16.00	.630	133	5.236	130.9	5.154	83	3.268	2.1	.083	DIN 6537 L
14.29	.563	116.4	4.583	8	16	460.1-1429-107A1-XM	GC34	16.00	.630	227	8.937	224.9	8.854	172	6.772	2.1	.083	COROMANT
14.30	.563	68.7	2.705	4	16	460.1-1430-072A1-XM	GC34	16.00	.630	133	5.236	130.9	5.154	83	3.268	2.1	.083	DIN 6537 L
14.50	.571	45.7	1.799	3	16	460.1-1450-044A1-XM	GC34	16.00	.630	115	4.528	112.8	4.441	65	2.559	2.2	.087	DIN 6537 K
14.50	.571	68.5	2.697	4	16	460.1-1450-073A1-XM	GC34	16.00	.630	133	5.236	130.8	5.150	83	3.268	2.2	.087	DIN 6537 L
14.50	.571	118.2	4.654	8	16	460.1-1450-109A1-XM	GC34	16.00	.630	227	8.937	224.8	8.850	172	6.772	2.2	.087	COROMANT
14.55	.573	68.5	2.697	4	16	460.1-1455-073A1-XM	GC34	16.00	.630	133	5.236	130.8	5.150	83	3.268	2.2	.087	DIN 6537 L
14.60	.575	68.4	2.693	4	16	460.1-1460-073A1-XM	GC34	16.00	.630	133	5.236	130.8	5.150	83	3.268	2.2	.087	DIN 6537 L
14.68	.578	46.2	1.819	3	16	460.1-1468-044A1-XM	GC34	16.00	.630	115	4.528	112.8	4.441	65	2.559	2.2	.087	DIN 6537 K
14.68	.578	68.3	2.689	4	16	460.1-1468-073A1-XM	GC34	16.00	.630	133	5.236	130.8	5.150	83	3.268	2.2	.087	DIN 6537 L
14.68	.578	119.7	4.713	8	16	460.1-1468-110A1-XM	GC34	16.00	.630	227	8.937	224.8	8.850	172	6.772	2.2	.087	COROMANT
14.70	.579	119.8	4.717	8	16	460.1-1470-110A1-XM	GC34	16.00	.630	227	8.937	224.8	8.850	172	6.772	2.2	.087	COROMANT
14.75	.581	68.3	2.689	4	16	460.1-1475-066A1-XM	GC34	16.00	.630	133	5.236	130.8	5.150	83	3.268	2.2	.087	DIN 6537 L
14.80	.583	46.6	1.835	3	16	460.1-1480-044A1-XM	GC34	16.00	.630	115	4.528	112.8	4.441	65	2.559	2.2	.087	DIN 6537 K
14.80	.583	68.2	2.685	4	16	460.1-1480-067A1-XM	GC34	16.00	.630	133	5.236	130.8	5.150	83	3.268	2.2	.087	DIN 6537 L
15.00	.591	47.2	1.858	3	16	460.1-1500-045A1-XM	GC34	16.00	.630	115	4.528	112.8	4.441	65	2.559	2.2	.087	DIN 6537 K
15.00	.591	68.0	2.677	4	16	460.1-1500-068A1-XM	GC34	16.00	.630	133	5.236	130.8	5.150	83	3.268	2.2	.087	DIN 6537 L
15.00	.591	122.2	4.811	8	16	460.1-1500-113A1-XM	GC34	16.00	.630	227	8.937	224.8	8.850	172	6.772	2.2	.087	COROMANT
15.08	.594	47.5	1.870	3	16	460.1-1508-045A1-XM	GC34	16.00	.630	115	4.528	112.8	4.441	65	2.559	2.2	.087	DIN 6537 K
15.08	.594	67.9	2.673	4	16	460.1-1508-068A1-XM	GC34	16.00	.630	133	5.236	130.8	5.150	83	3.268	2.2	.087	DIN 6537 L
15.08	.594	122.9	4.839	8	16	460.1-1508-113A1-XM	GC34	16.00	.630	227	8.937	224.8	8.850	172	6.772	2.2	.087	COROMANT
15.10	.594	47.6	1.874	3	16	460.1-1510-045A1-XM	GC34	16.00	.630	115	4.528	112.7	4.437	65	2.559	2.3	.091	DIN 6537 K
15.10	.594	67.9	2.673	4	16	460.1-1510-068A1-XM	GC34	16.00	.630	133	5.236	130.7	5.146	83	3.268	2.3	.091	DIN 6537 L
15.10	.594	123.1	4.846	8	16	460.1-1510-113A1-XM	GC34	16.00	.630	227	8.937	224.7	8.846	172	6.772	2.3	.091	COROMANT
15.25	.600	67.8	2.669	4	16	460.1-1525-069A1-XM	GC34	16.00	.630	133	5.236	130.7	5.146	83	3.268	2.3	.091	DIN 6537 L
15.30	.602	67.7	2.665	4	16	460.1-1530-069A1-XM	GC34	16.00	.630	133	5.236	130.7	5.146	83	3.268	2.3	.091	DIN 6537 L
15.48	.609	48.7	1.917	3	16	460.1-1548-046A1-XM	GC34	16.00	.630	115	4.528	112.7	4.437	65	2.559	2.3	.091	DIN 6537 K
15.48	.609	67.5	2.657	4	16	460.1-1548-070A1-XM	GC34	16.00	.630	133	5.236	130.7	5.146	83	3.268	2.3	.091	DIN 6537 L
15.48	.609	126.1	4.965	8	16	460.1-1548-116A1-XM	GC34	16.00	.630	227	8.937	224.7	8.846	172	6.772	2.3	.091	COROMANT
15.50	.610	48.8	1.921	3	16	460.1-1550-047A1-XM	GC34	16.00	.630	115	4.528	112.7	4.437	65	2.559	2.3	.091	DIN 6537 K
15.50	.610	67.5	2.657	4	16	460.1-1550-070A1-XM	GC34	16.00	.630	133	5.236	130.7	5.146	83	3.268	2.3	.091	DIN 6537 L
15.50	.610	126.3	4.972	8	16	460.1-1550-116A1-XM	GC34	16.00	.630	227	8.937	224.7	8.846	172	6.772	2.3	.091	COROMANT
15.55	.612	67.5	2.657	4	16	460.1-1555-070A1-XM	GC34	16.00	.630	133	5.236	130.7	5.146	83	3.268	2.3	.091	DIN 6537 L
15.60	.614	67.4	2.654	4	16	460.1-1560-070A1-XM	GC34	16.00	.630	133	5.236	130.7	5.146	83	3.268	2.3	.091	DIN 6537 L
15.70	.618	127.9	5.035	8	16	460.1-1570-118A1-XM	GC34	16.00	.630	227	8.937	224.7	8.846	172	6.772	2.3	.091	COROMANT
15.80	.622	49.2	1.937	3	16	460.1-1580-047A1-XM	GC34	16.00	.630	115	4.528	112.6	4.433	65	2.559	2.4	.094	DIN 6537 K
15.80	.622	67.2	2.646	4	16	460.1-1580-071A1-XM	GC34	16.00	.630	133	5.236	130.6	5.142	83	3.268	2.4	.094	DIN 6537 L
15.88	.625	49.1	1.933	3	16	460.1-1588-048A1-XM	GC34	16.00	.630	115	4.528	112.6	4.433	65	2.559	2.4	.094	DIN 6537 K
15.88	.625	67.1	2.642	4	16	460.1-1588-071A1-XM	GC34	16.00	.630	133	5.236	130.6	5.142	83	3.268	2.4	.094	DIN 6537 L
15.88	.625	129.4	5.094	8	16	460.1-1588-119A1-XM	GC34	16.00	.630	227	8.937	224.6	8.843	172	6.772	2.4	.094	COROMANT
16.00	.630	49.0	1.929	3	16	460.1-1600-048A1-XM	GC34	16.00	.630	115	4.528	112.6	4.433	65	2.559	2.4	.094	DIN 6537 K
16.00	.630	67.0	2.638	4	16	460.1-1600-072A1-XM	GC34	16.00	.630	133	5.236	130.6	5.142	83	3.268	2.4	.094	DIN 6537 L
16.00	.630	130.4	5.134	8	16	460.1-1600-120A1-XM	GC34	16.00	.630	227	8.937	224.6	8.843	172	6.772	2.4	.094	COROMANT
16.08	.633	76.9	3.028	4	18	460.1-1608-072A1-XM	GC34	18.00	.709	143	5.630	140.6	5.535	93	3.661	2.4	.094	DIN 6537 L
16.10	.634	76.9	3.028	4	18	460.1-1610-072A1-XM	GC34	18.00	.709	143	5.630	140.6	5.535	93	3.661	2.4	.094	DIN 6537 L
16.27	.641	51.2	2.016	3	18	460.1-1627-049A1-XM	GC34	18.00	.709	123	4.843	120.6	4.748	73	2.874	2.4	.094	DIN 6537 K
16.27	.641	76.7	3.020	4	18	460.1-1627-081A1-XM	GC34	18.00	.709	143	5.630	140.6	5.535	93	3.661	2.4	.094	DIN 6537 L

E8 E45 E36 E60 E50

SANDVIK Coromant

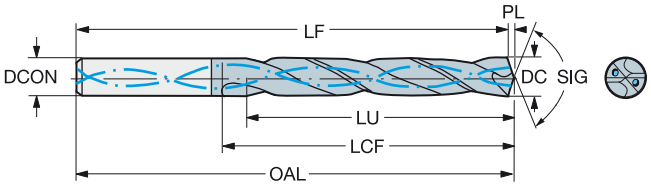
SPA

Broca de metal duro integral CoroDrill® 460

Para múltiples materiales

Suministro de refrigerante interior

TCHA H9
SIG 140°



P M K N S H

								Dimensiones, mm, pulg.									
DC	DC"	LU	LU"	ULDR	CZC_{MS}	**Código de pedido**	GRADE	DCON	DCON"	OAL	OAL"	LF	LF"	LCF	LCF"	PL	PL"	BSG
16.30	.642	76.7	3.020	4	18	**460.1-1630-073A1-XM**	GC34	18.00	.709	143	5.630	140.6	5.535	93	3.661	2.4	.094	DIN 6537 L
16.50	.650	52.0	2.047	3	18	**460.1-1650-050A1-XM**	GC34	18.00	.709	123	4.843	120.5	4.744	73	2.874	2.5	.098	DIN 6537 K
16.50	.650	76.5	3.012	4	18	**460.1-1650-074A1-XM**	GC34	18.00	.709	143	5.630	140.5	5.532	93	3.661	2.5	.098	DIN 6537 L
16.55	.652	76.5	3.012	4	18	**460.1-1655-074A1-XM**	GC34	18.00	.709	143	5.630	140.5	5.532	93	3.661	2.5	.098	DIN 6537 L
16.67	.656	52.5	2.067	3	18	**460.1-1667-050A1-XM**	GC34	18.00	.709	123	4.843	120.5	4.744	73	2.874	2.5	.098	DIN 6537 K
16.67	.656	76.3	3.004	4	18	**460.1-1667-075A1-XM**	GC34	18.00	.709	143	5.630	140.5	5.532	93	3.661	2.5	.098	DIN 6537 L
16.75	.659	76.3	3.004	4	18	**460.1-1675-075A1-XM**	GC34	18.00	.709	143	5.630	140.5	5.532	93	3.661	2.5	.098	DIN 6537 L
16.80	.661	76.2	3.000	4	18	**460.1-1680-076A1-XM**	GC34	18.00	.709	143	5.630	140.5	5.532	93	3.661	2.5	.098	DIN 6537 L
16.90	.665	76.1	2.996	4	18	**460.1-1690-076A1-XM**	GC34	18.00	.709	143	5.630	140.5	5.532	93	3.661	2.5	.098	DIN 6537 L
17.00	.669	53.5	2.106	3	18	**460.1-1700-051A1-XM**	GC34	18.00	.709	123	4.843	120.5	4.744	73	2.874	2.5	.098	DIN 6537 K
17.00	.669	76.0	2.992	4	18	**460.1-1700-077A1-XM**	GC34	18.00	.709	143	5.630	140.5	5.532	93	3.661	2.5	.098	DIN 6537 L
17.00	.669	138.5	5.453	8	18	**460.1-1700-128A1-XM**	GC34	18.00	.709	246	9.685	243.5	9.587	194	7.638	2.5	.098	COROMANT
17.07	.672	53.7	2.114	3	18	**460.1-1707-051A1-XM**	GC34	18.00	.709	123	4.843	120.5	4.744	73	2.874	2.5	.098	DIN 6537 K
17.07	.672	75.9	2.988	4	18	**460.1-1707-077A1-XM**	GC34	18.00	.709	143	5.630	140.5	5.532	93	3.661	2.5	.098	DIN 6537 L
17.10	.673	75.9	2.988	4	18	**460.1-1710-077A1-XM**	GC34	18.00	.709	143	5.630	140.4	5.528	93	3.661	2.6	.102	DIN 6537 L
17.30	.681	75.7	2.980	4	18	**460.1-1730-078A1-XM**	GC34	18.00	.709	143	5.630	140.4	5.528	93	3.661	2.6	.102	DIN 6537 L
17.46	.687	55.0	2.165	3	18	**460.1-1746-052A1-XM**	GC34	18.00	.709	123	4.843	120.4	4.740	73	2.874	2.6	.102	DIN 6537 K
17.46	.687	75.5	2.972	4	18	**460.1-1746-079A1-XM**	GC34	18.00	.709	143	5.630	140.4	5.528	93	3.661	2.6	.102	DIN 6537 L
17.50	.689	55.1	2.169	3	18	**460.1-1750-053A1-XM**	GC34	18.00	.709	123	4.843	120.4	4.740	73	2.874	2.6	.102	DIN 6537 K
17.50	.689	75.5	2.972	4	18	**460.1-1750-079A1-XM**	GC34	18.00	.709	143	5.630	140.4	5.528	93	3.661	2.6	.102	DIN 6537 L
17.50	.689	142.6	5.614	8	18	**460.1-1750-131A1-XM**	GC34	18.00	.709	246	9.685	243.4	9.583	194	7.638	2.6	.102	COROMANT
17.55	.691	75.5	2.972	4	18	**460.1-1755-079A1-XM**	GC34	18.00	.709	143	5.630	140.4	5.528	93	3.661	2.6	.102	DIN 6537 L
17.80	.701	75.2	2.961	4	18	**460.1-1780-080A1-XM**	GC34	18.00	.709	143	5.630	140.3	5.524	93	3.661	2.7	.106	DIN 6537 L
17.86	.703	55.1	2.169	3	18	**460.1-1786-054A1-XM**	GC34	18.00	.709	123	4.843	120.3	4.736	73	2.874	2.7	.106	DIN 6537 K
17.86	.703	75.1	2.957	4	18	**460.1-1786-080A1-XM**	GC34	18.00	.709	143	5.630	140.3	5.524	93	3.661	2.7	.106	DIN 6537 L
17.90	.705	75.1	2.957	4	18	**460.1-1790-081A1-XM**	GC34	18.00	.709	143	5.630	140.3	5.524	93	3.661	2.7	.106	DIN 6537 L
18.00	.709	56.7	2.232	3	18	**460.1-1800-054A1-XM**	GC34	18.00	.709	123	4.843	120.3	4.736	73	2.874	2.7	.106	DIN 6537 K
18.00	.709	78.6	3.094	4	18	**460.1-1800-081A1-XM**	GC34	18.00	.709	143	5.630	140.3	5.524	93	3.661	2.7	.106	DIN 6537 L
18.00	.709	146.7	5.776	8	18	**460.1-1800-135A1-XM**	GC34	18.00	.709	246	9.685	243.3	9.579	194	7.638	2.7	.106	COROMANT
18.26	.719	57.5	2.264	3	20	**460.1-1826-055A1-XM**	GC34	20.00	.787	131	5.157	128.3	5.051	79	3.110	2.7	.106	DIN 6537 K
18.26	.719	86.4	3.402	4	20	**460.1-1826-082A1-XM**	GC34	20.00	.787	153	6.024	150.3	5.917	101	3.976	2.7	.106	DIN 6537 L
18.35	.722	86.3	3.398	4	20	**460.1-1835-083A1-XM**	GC34	20.00	.787	153	6.024	150.3	5.917	101	3.976	2.7	.106	DIN 6537 L
18.50	.728	58.3	2.295	3	20	**460.1-1850-056A1-XM**	GC34	20.00	.787	131	5.157	128.2	5.047	79	3.110	2.8	.110	DIN 6537 K
18.50	.728	86.2	3.394	4	20	**460.1-1850-083A1-XM**	GC34	20.00	.787	153	6.024	150.2	5.913	101	3.976	2.8	.110	DIN 6537 L
18.50	.728	150.8	5.937	8	20	**460.1-1850-139A1-XM**	GC34	20.00	.787	269	10.591	266.2	10.480	215	8.465	2.8	.110	COROMANT
18.65	.734	58.7	2.311	3	20	**460.1-1865-056A1-XM**	GC34	20.00	.787	131	5.157	128.2	5.047	79	3.110	2.8	.110	DIN 6537 K
18.65	.734	86.1	3.390	4	20	**460.1-1865-084A1-XM**	GC34	20.00	.787	153	6.024	150.2	5.913	101	3.976	2.8	.110	DIN 6537 L
18.80	.740	59.2	2.331	3	20	**460.1-1880-056A1-XM**	GC34	20.00	.787	131	5.157	128.2	5.047	79	3.110	2.8	.110	DIN 6537 K
18.90	.744	85.9	3.382	4	20	**460.1-1890-085A1-XM**	GC34	20.00	.787	153	6.024	150.2	5.913	101	3.976	2.8	.110	DIN 6537 L
19.00	.748	59.8	2.354	3	20	**460.1-1900-057A1-XM**	GC34	20.00	.787	131	5.157	128.2	5.047	79	3.110	2.8	.110	DIN 6537 K
19.00	.748	85.8	3.378	4	20	**460.1-1900-086A1-XM**	GC34	20.00	.787	153	6.024	150.2	5.913	101	3.976	2.8	.110	DIN 6537 L
19.00	.748	154.8	6.094	8	20	**460.1-1900-143A1-XM**	GC34	20.00	.787	269	10.591	266.2	10.480	215	8.465	2.8	.110	COROMANT
19.05	.750	60.0	2.362	3	20	**460.1-1905-057A1-XM**	GC34	20.00	.787	131	5.157	128.2	5.047	79	3.110	2.8	.110	DIN 6537 K
19.05	.750	85.8	3.378	4	20	**460.1-1905-086A1-XM**	GC34	20.00	.787	153	6.024	150.2	5.913	101	3.976	2.8	.110	DIN 6537 L
19.25	.758	85.6	3.370	4	20	**460.1-1925-087A1-XM**	GC34	20.00	.787	153	6.024	150.1	5.909	101	3.976	2.9	.114	DIN 6537 L
19.30	.760	85.6	3.370	4	20	**460.1-1930-087A1-XM**	GC34	20.00	.787	153	6.024	150.1	5.909	101	3.976	2.9	.114	DIN 6537 L
19.50	.768	61.4	2.417	3	20	**460.1-1950-059A1-XM**	GC34	20.00	.787	131	5.157	128.1	5.043	79	3.110	2.9	.114	DIN 6537 K
19.50	.768	85.4	3.362	4	20	**460.1-1950-088A1-XM**	GC34	20.00	.787	153	6.024	150.1	5.909	101	3.976	2.9	.114	DIN 6537 L

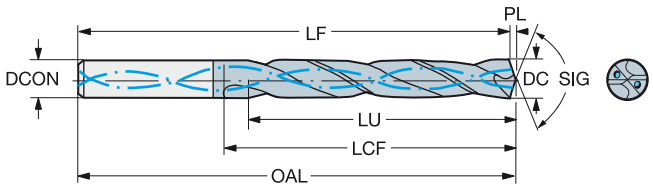
E8 E45 E36 E60 E50

Broca de metal duro integral CoroDrill® 460

Para múltiples materiales

Suministro de refrigerante interior

TCHA H9
SIG 140°



P M K N S H

DC	DC"	LU	LU"	ULDR	CZC_{MS}	Código de pedido	GRADE	Dimensiones, mm, pulg. DCON	DCON"	OAL	OAL"	LF	LF"	LCF	LCF"	PL	PL"	BSG
19.50	.768	158.9	6.256	8	20	**460.1-1950-146A1-XM**	GC34	20.00	.787	269	10.591	266.1	10.476	215	8.465	2.9	.114	COROMANT
19.55	.770	85.4	3.362	4	20	**460.1-1955-088A1-XM**	GC34	20.00	.787	153	6.024	150.1	5.909	101	3.976	2.9	.114	DIN 6537 L
19.80	.780	62.4	2.457	3	20	**460.1-1980-059A1-XM**	GC34	20.00	.787	131	5.157	128.0	5.039	79	3.110	3.0	.118	DIN 6537 K
19.80	.780	85.2	3.354	4	20	**460.1-1980-089A1-XM**	GC34	20.00	.787	153	6.024	150.0	5.906	101	3.976	3.0	.118	DIN 6537 L
20.00	.787	63.0	2.480	3	20	**460.1-2000-060A1-XM**	GC34	20.00	.787	131	5.157	128.0	5.039	79	3.110	3.0	.118	DIN 6537 K
20.00	.787	85.0	3.346	4	20	**460.1-2000-090A1-XM**	GC34	20.00	.787	153	6.024	150.0	5.906	101	3.976	3.0	.118	DIN 6537 L
20.00	.787	163.0	6.417	8	20	**460.1-2000-150A1-XM**	GC34	20.00	.787	269	10.591	266.0	10.472	215	8.465	3.0	.118	COROMANT

E8 E45 E36 E60 E50

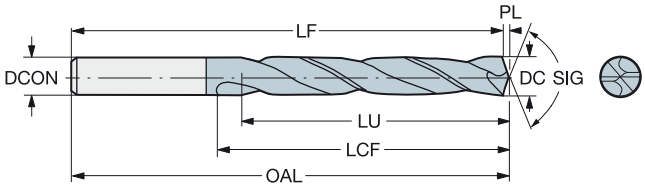
SANDVIK Coromant

Broca de metal duro integral CoroDrill® 460

Para múltiples materiales

Suministro de refrigerante exterior

TCHA H9
SIG 140°



P M K N S H

							Dimensiones, mm, pulg.									
DC	DC"	LU	LU"	ULDR	CZC_{MS}	**Código de pedido**	GRADE	DCON	DCON"	OAL	OAL"	LF	LF"	LCF	LCF"	PL	PL"	BSG
3.00	.118	9.4	.370	3	6	**460.1-0300-009A0-XM**	GC34	6.00	.236	62	2.441	61.6	2.425	20	.787	0.4	.016	DIN 6537 K
3.00	.118	15.4	.606	5	6	**460.1-0300-015A0-XM**	GC34	6.00	.236	66	2.598	65.6	2.583	28	1.102	0.4	.016	DIN 6537 L
3.10	.122	9.7	.382	3	6	**460.1-0310-009A0-XM**	GC34	6.00	.236	62	2.441	61.6	2.425	20	.787	0.4	.016	DIN 6537 K
3.10	.122	15.9	.626	5	6	**460.1-0310-016A0-XM**	GC34	6.00	.236	66	2.598	65.6	2.583	28	1.102	0.4	.016	DIN 6537 L
3.18	.125	10.0	.394	3	6	**460.1-0318-010A0-XM**	GC34	6.00	.236	62	2.441	61.5	2.421	20	.787	0.5	.020	DIN 6537 K
3.18	.125	16.3	.642	5	6	**460.1-0318-016A0-XM**	GC34	6.00	.236	66	2.598	65.5	2.579	28	1.102	0.5	.020	DIN 6537 L
3.20	.126	10.1	.398	3	6	**460.1-0320-010A0-XM**	GC34	6.00	.236	62	2.441	61.5	2.421	20	.787	0.5	.020	DIN 6537 K
3.20	.126	16.5	.650	5	6	**460.1-0320-016A0-XM**	GC34	6.00	.236	66	2.598	65.5	2.579	28	1.102	0.5	.020	DIN 6537 L
3.30	.130	10.4	.409	3	6	**460.1-0330-010A0-XM**	GC34	6.00	.236	62	2.441	61.5	2.421	20	.787	0.5	.020	DIN 6537 K
3.30	.130	17.0	.669	5	6	**460.1-0330-017A0-XM**	GC34	6.00	.236	66	2.598	65.5	2.579	28	1.102	0.5	.020	DIN 6537 L
3.40	.134	10.7	.421	3	6	**460.1-0340-010A0-XM**	GC34	6.00	.236	62	2.441	61.5	2.421	20	.787	0.5	.020	DIN 6537 K
3.40	.134	17.5	.689	5	6	**460.1-0340-017A0-XM**	GC34	6.00	.236	66	2.598	65.5	2.579	28	1.102	0.5	.020	DIN 6537 L
3.50	.138	11.0	.433	3	6	**460.1-0350-011A0-XM**	GC34	6.00	.236	62	2.441	61.5	2.421	20	.787	0.5	.020	DIN 6537 K
3.50	.138	18.0	.709	5	6	**460.1-0350-018A0-XM**	GC34	6.00	.236	66	2.598	65.5	2.579	28	1.102	0.5	.020	DIN 6537 L
3.57	.141	11.2	.441	3	6	**460.1-0357-011A0-XM**	GC34	6.00	.236	62	2.441	61.5	2.421	20	.787	0.5	.020	DIN 6537 K
3.57	.141	18.4	.724	5	6	**460.1-0357-018A0-XM**	GC34	6.00	.236	66	2.598	65.5	2.579	28	1.102	0.5	.020	DIN 6537 L
3.60	.142	11.3	.445	3	6	**460.1-0360-011A0-XM**	GC34	6.00	.236	62	2.441	61.5	2.421	20	.787	0.5	.020	DIN 6537 K
3.60	.142	18.5	.728	5	6	**460.1-0360-018A0-XM**	GC34	6.00	.236	66	2.598	65.5	2.579	28	1.102	0.5	.020	DIN 6537 L
3.70	.146	11.6	.457	3	6	**460.1-0370-011A0-XM**	GC34	6.00	.236	62	2.441	61.5	2.421	20	.787	0.5	.020	DIN 6537 K
3.70	.146	19.0	.748	5	6	**460.1-0370-019A0-XM**	GC34	6.00	.236	66	2.598	65.5	2.579	28	1.102	0.5	.020	DIN 6537 L
3.73	.147	11.7	.461	3	6	**460.1-0373-011A0-XM**	GC34	6.00	.236	62	2.441	61.5	2.421	20	.787	0.5	.020	DIN 6537 K
3.80	.150	11.9	.469	3	6	**460.1-0380-011A0-XM**	GC34	6.00	.236	66	2.598	65.5	2.579	24	.945	0.5	.020	DIN 6537 K
3.80	.150	19.5	.768	5	6	**460.1-0380-019A0-XM**	GC34	6.00	.236	74	2.913	73.5	2.894	36	1.417	0.5	.020	DIN 6537 L
3.90	.154	12.3	.484	3	6	**460.1-0390-012A0-XM**	GC34	6.00	.236	66	2.598	65.4	2.575	24	.945	0.6	.024	DIN 6537 K
3.90	.154	20.1	.791	5	6	**460.1-0390-020A0-XM**	GC34	6.00	.236	74	2.913	73.4	2.890	36	1.417	0.6	.024	DIN 6537 L
3.97	.156	12.5	.492	3	6	**460.1-0397-012A0-XM**	GC34	6.00	.236	66	2.598	65.4	2.575	24	.945	0.6	.024	DIN 6537 K
3.97	.156	20.4	.803	5	6	**460.1-0397-020A0-XM**	GC34	6.00	.236	74	2.913	73.4	2.890	36	1.417	0.6	.024	DIN 6537 L
4.00	.157	12.6	.496	3	6	**460.1-0400-012A0-XM**	GC34	6.00	.236	66	2.598	65.4	2.575	24	.945	0.6	.024	DIN 6537 K
4.00	.157	20.6	.811	5	6	**460.1-0400-020A0-XM**	GC34	6.00	.236	74	2.913	73.4	2.890	36	1.417	0.6	.024	DIN 6537 L
4.10	.161	12.9	.508	3	6	**460.1-0410-012A0-XM**	GC34	6.00	.236	66	2.598	65.4	2.575	24	.945	0.6	.024	DIN 6537 K
4.10	.161	21.1	.831	5	6	**460.1-0410-021A0-XM**	GC34	6.00	.236	74	2.913	73.4	2.890	36	1.417	0.6	.024	DIN 6537 L
4.20	.165	13.2	.520	3	6	**460.1-0420-013A0-XM**	GC34	6.00	.236	66	2.598	65.4	2.575	24	.945	0.6	.024	DIN 6537 K
4.20	.165	21.6	.850	5	6	**460.1-0420-021A0-XM**	GC34	6.00	.236	74	2.913	73.4	2.890	36	1.417	0.6	.024	DIN 6537 L
4.30	.169	13.5	.531	3	6	**460.1-0430-013A0-XM**	GC34	6.00	.236	66	2.598	65.4	2.575	24	.945	0.6	.024	DIN 6537 K
4.30	.169	22.1	.870	5	6	**460.1-0430-022A0-XM**	GC34	6.00	.236	74	2.913	73.4	2.890	36	1.417	0.6	.024	DIN 6537 L
4.37	.172	13.7	.539	3	6	**460.1-0437-013A0-XM**	GC34	6.00	.236	66	2.598	65.4	2.575	24	.945	0.6	.024	DIN 6537 K
4.37	.172	22.5	.886	5	6	**460.1-0437-022A0-XM**	GC34	6.00	.236	74	2.913	73.4	2.890	36	1.417	0.6	.024	DIN 6537 L
4.40	.173	13.8	.543	3	6	**460.1-0440-013A0-XM**	GC34	6.00	.236	66	2.598	65.4	2.575	24	.945	0.6	.024	DIN 6537 K
4.40	.173	22.6	.890	5	6	**460.1-0440-022A0-XM**	GC34	6.00	.236	74	2.913	73.4	2.890	36	1.417	0.6	.024	DIN 6537 L
4.50	.177	14.2	.559	3	6	**460.1-0450-014A0-XM**	GC34	6.00	.236	66	2.598	65.3	2.571	24	.945	0.7	.028	DIN 6537 K
4.50	.177	23.2	.913	5	6	**460.1-0450-023A0-XM**	GC34	6.00	.236	74	2.913	73.3	2.886	36	1.417	0.7	.028	DIN 6537 L
4.60	.181	14.5	.571	3	6	**460.1-0460-014A0-XM**	GC34	6.00	.236	66	2.598	65.3	2.571	24	.945	0.7	.028	DIN 6537 K
4.60	.181	23.7	.933	5	6	**460.1-0460-023A0-XM**	GC34	6.00	.236	74	2.913	73.3	2.886	36	1.417	0.7	.028	DIN 6537 L
4.70	.185	14.6	.575	3	6	**460.1-0470-014A0-XM**	GC34	6.00	.236	66	2.598	65.3	2.571	24	.945	0.7	.028	DIN 6537 K
4.70	.185	24.2	.953	5	6	**460.1-0470-024A0-XM**	GC34	6.00	.236	74	2.913	73.3	2.886	36	1.417	0.7	.028	DIN 6537 L
4.76	.187	15.0	.591	3	6	**460.1-0476-014A0-XM**	GC34	6.00	.236	66	2.598	65.3	2.571	28	1.102	0.7	.028	DIN 6537 K
4.76	.187	24.5	.965	5	6	**460.1-0476-024A0-XM**	GC34	6.00	.236	82	3.228	81.3	3.201	44	1.732	0.7	.028	DIN 6537 L
4.80	.189	15.1	.594	3	6	**460.1-0480-014A0-XM**	GC34	6.00	.236	66	2.598	65.3	2.571	28	1.102	0.7	.028	DIN 6537 K

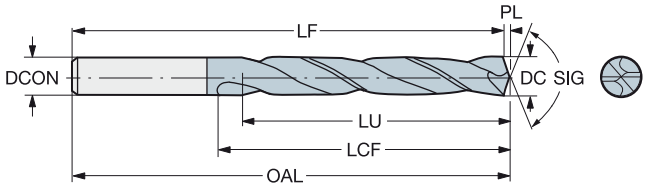
E14 E45 E36 E50

Broca de metal duro integral CoroDrill® 460

Para múltiples materiales

Suministro de refrigerante exterior

TCHA H9
SIG 140°



P M K N S H

								Dimensiones, mm, pulg.								
DC	DC"	LU	LU"	ULDR	CZC_{MS}	**Código de pedido**	GRADE	DCON	DCON"	OAL	OAL"	LF	LF"	LCF	LCF"	PL	PL"	BSG
4.80	.189	24.7	.972	5	6	460.1-0480-024A0-XM	GC34	6.00	.236	82	3.228	81.3	3.201	44	1.732	0.7	.028	DIN 6537 L
4.90	.193	15.4	.606	3	6	460.1-0490-015A0-XM	GC34	6.00	.236	66	2.598	65.3	2.571	28	1.102	0.7	.028	DIN 6537 K
4.90	.193	25.2	.992	5	6	460.1-0490-025A0-XM	GC34	6.00	.236	82	3.228	81.3	3.201	44	1.732	0.7	.028	DIN 6537 L
5.00	.197	15.7	.618	3	6	460.1-0500-015A0-XM	GC34	6.00	.236	66	2.598	65.3	2.571	28	1.102	0.7	.028	DIN 6537 K
5.00	.197	25.7	1.012	5	6	460.1-0500-025A0-XM	GC34	6.00	.236	82	3.228	81.3	3.201	44	1.732	0.7	.028	DIN 6537 L
5.10	.201	16.0	.630	3	6	460.1-0510-015A0-XM	GC34	6.00	.236	66	2.598	65.3	2.571	28	1.102	0.7	.028	DIN 6537 K
5.10	.201	26.2	1.032	5	6	460.1-0510-026A0-XM	GC34	6.00	.236	82	3.228	81.3	3.201	44	1.732	0.7	.028	DIN 6537 L
5.16	.203	16.2	.638	3	6	460.1-0516-016A0-XM	GC34	6.00	.236	66	2.598	65.2	2.567	28	1.102	0.8	.031	DIN 6537 K
5.16	.203	26.5	1.043	5	6	460.1-0516-026A0-XM	GC34	6.00	.236	82	3.228	81.2	3.197	44	1.732	0.8	.031	DIN 6537 L
5.20	.205	16.4	.646	3	6	460.1-0520-016A0-XM	GC34	6.00	.236	66	2.598	65.2	2.567	28	1.102	0.8	.031	DIN 6537 K
5.20	.205	26.8	1.055	5	6	460.1-0520-026A0-XM	GC34	6.00	.236	82	3.228	81.2	3.197	44	1.732	0.8	.031	DIN 6537 L
5.50	.217	17.3	.681	3	6	460.1-0550-017A0-XM	GC34	6.00	.236	66	2.598	65.2	2.567	28	1.102	0.8	.031	DIN 6537 K
5.50	.217	28.3	1.114	5	6	460.1-0550-028A0-XM	GC34	6.00	.236	82	3.228	81.2	3.197	44	1.732	0.8	.031	DIN 6537 L
5.56	.219	17.5	.689	3	6	460.1-0556-017A0-XM	GC34	6.00	.236	66	2.598	65.2	2.567	28	1.102	0.8	.031	DIN 6537 K
5.56	.219	28.6	1.126	5	6	460.1-0556-028A0-XM	GC34	6.00	.236	82	3.228	81.2	3.197	44	1.732	0.8	.031	DIN 6537 L
5.60	.220	17.6	.693	3	6	460.1-0560-017A0-XM	GC34	6.00	.236	66	2.598	65.2	2.567	28	1.102	0.8	.031	DIN 6537 K
5.60	.220	28.8	1.134	5	6	460.1-0560-028A0-XM	GC34	6.00	.236	82	3.228	81.2	3.197	44	1.732	0.8	.031	DIN 6537 L
5.70	.224	17.7	.697	3	6	460.1-0570-017A0-XM	GC34	6.00	.236	66	2.598	65.2	2.567	28	1.102	0.8	.031	DIN 6537 K
5.70	.224	29.3	1.154	5	6	460.1-0570-029A0-XM	GC34	6.00	.236	82	3.228	81.2	3.197	44	1.732	0.8	.031	DIN 6537 L
5.80	.228	17.6	.693	3	6	460.1-0580-017A0-XM	GC34	6.00	.236	66	2.598	65.1	2.563	28	1.102	0.9	.035	DIN 6537 K
5.80	.228	29.9	1.177	5	6	460.1-0580-029A0-XM	GC34	6.00	.236	82	3.228	81.1	3.193	44	1.732	0.9	.035	DIN 6537 L
5.95	.234	17.3	.681	2	6	460.1-0595-018A0-XM	GC34	6.00	.236	66	2.598	65.1	2.563	28	1.102	0.9	.035	DIN 6537 K
5.95	.234	30.6	1.205	5	6	460.1-0595-030A0-XM	GC34	6.00	.236	82	3.228	81.1	3.193	44	1.732	0.9	.035	DIN 6537 L
6.00	.236	18.9	.744	3	6	460.1-0600-018A0-XM	GC34	6.00	.236	66	2.598	65.1	2.563	28	1.102	0.9	.035	DIN 6537 K
6.00	.236	30.9	1.217	5	6	460.1-0600-030A0-XM	GC34	6.00	.236	82	3.228	81.1	3.193	44	1.732	0.9	.035	DIN 6537 L
6.10	.240	19.2	.756	3	8	460.1-0610-018A0-XM	GC34	8.00	.315	79	3.110	78.1	3.075	34	1.339	0.9	.035	DIN 6537 K
6.10	.240	31.4	1.236	5	8	460.1-0610-031A0-XM	GC34	8.00	.315	91	3.583	90.1	3.547	53	2.087	0.9	.035	DIN 6537 L
6.20	.244	19.5	.768	3	8	460.1-0620-019A0-XM	GC34	8.00	.315	79	3.110	78.1	3.075	34	1.339	0.9	.035	DIN 6537 K
6.20	.244	31.9	1.256	5	8	460.1-0620-031A0-XM	GC34	8.00	.315	91	3.583	90.1	3.547	53	2.087	0.9	.035	DIN 6537 L
6.30	.248	19.8	.780	3	8	460.1-0630-019A0-XM	GC34	8.00	.315	79	3.110	78.1	3.075	34	1.339	0.9	.035	DIN 6537 K
6.30	.248	32.4	1.276	5	8	460.1-0630-032A0-XM	GC34	8.00	.315	91	3.583	90.1	3.547	53	2.087	0.9	.035	DIN 6537 L
6.35	.250	20.0	.787	3	8	460.1-0635-019A0-XM	GC34	8.00	.315	79	3.110	78.1	3.075	34	1.339	0.9	.035	DIN 6537 K
6.35	.250	32.7	1.287	5	8	460.1-0635-032A0-XM	GC34	8.00	.315	91	3.583	90.1	3.547	53	2.087	0.9	.035	DIN 6537 L
6.40	.252	20.1	.791	3	8	460.1-0640-019A0-XM	GC34	8.00	.315	79	3.110	78.1	3.075	34	1.339	0.9	.035	DIN 6537 K
6.40	.252	32.9	1.295	5	8	460.1-0640-032A0-XM	GC34	8.00	.315	91	3.583	90.1	3.547	53	2.087	0.9	.035	DIN 6537 L
6.50	.256	20.5	.807	3	8	460.1-0650-020A0-XM	GC34	8.00	.315	79	3.110	78.0	3.071	34	1.339	1.0	.039	DIN 6537 K
6.50	.256	33.5	1.319	5	8	460.1-0650-033A0-XM	GC34	8.00	.315	91	3.583	90.0	3.543	53	2.087	1.0	.039	DIN 6537 L
6.60	.260	20.8	.819	3	8	460.1-0660-020A0-XM	GC34	8.00	.315	79	3.110	78.0	3.071	34	1.339	1.0	.039	DIN 6537 K
6.60	.260	34.0	1.339	5	8	460.1-0660-033A0-XM	GC34	8.00	.315	91	3.583	90.0	3.543	53	2.087	1.0	.039	DIN 6537 L
6.70	.264	21.1	.831	3	8	460.1-0670-020A0-XM	GC34	8.00	.315	79	3.110	78.0	3.071	34	1.339	1.0	.039	DIN 6537 K
6.70	.264	34.5	1.358	5	8	460.1-0670-034A0-XM	GC34	8.00	.315	91	3.583	90.0	3.543	53	2.087	1.0	.039	DIN 6537 L
6.75	.266	21.2	.835	3	8	460.1-0675-020A0-XM	GC34	8.00	.315	79	3.110	78.0	3.071	34	1.339	1.0	.039	DIN 6537 K
6.75	.266	34.7	1.366	5	8	460.1-0675-034A0-XM	GC34	8.00	.315	91	3.583	90.0	3.543	53	2.087	1.0	.039	DIN 6537 L
6.80	.268	21.4	.843	3	8	460.1-0680-020A0-XM	GC34	8.00	.315	79	3.110	78.0	3.071	34	1.339	1.0	.039	DIN 6537 K
6.80	.268	35.0	1.378	5	8	460.1-0680-034A0-XM	GC34	8.00	.315	91	3.583	90.0	3.543	53	2.087	1.0	.039	DIN 6537 L
6.90	.272	21.7	.854	3	8	460.1-0690-021A0-XM	GC34	8.00	.315	79	3.110	78.0	3.071	34	1.339	1.0	.039	DIN 6537 K
6.90	.272	35.5	1.398	5	8	460.1-0690-035A0-XM	GC34	8.00	.315	91	3.583	90.0	3.543	53	2.087	1.0	.039	DIN 6537 L
7.00	.276	22.0	.866	3	8	460.1-0700-021A0-XM	GC34	8.00	.315	79	3.110	78.0	3.071	34	1.339	1.0	.039	DIN 6537 K

E14 E45 E36 E50

SANDVIK Coromant

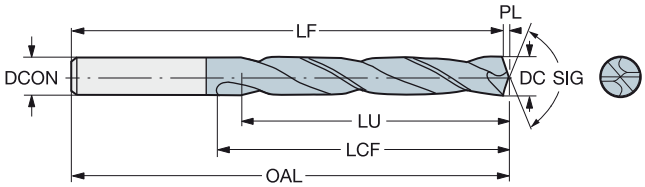
SPA

Broca de metal duro integral CoroDrill® 460

Para múltiples materiales

Suministro de refrigerante exterior

TCHA H9
SIG 140°



P M K N S H

Dimensiones, mm, pulg.

DC	DC"	LU	LU"	ULDR	CZC_{MS}	Código de pedido	GRADE	DCON	DCON"	OAL	OAL"	LF	LF"	LCF	LCF"	PL	PL"	BSG
7.00	.276	36.0	1.417	5	8	460.1-0700-035A0-XM	GC34	8.00	.315	91	3.583	90.0	3.543	53	2.087	1.0	.039	DIN 6537 L
7.10	.280	22.3	.878	3	8	460.1-0710-021A0-XM	GC34	8.00	.315	79	3.110	78.0	3.071	41	1.614	1.0	.039	DIN 6537 K
7.10	.280	36.5	1.437	5	8	460.1-0710-036A0-XM	GC34	8.00	.315	91	3.583	90.0	3.543	53	2.087	1.0	.039	DIN 6537 L
7.14	.281	22.5	.886	3	8	460.1-0714-021A0-XM	GC34	8.00	.315	79	3.110	77.9	3.067	41	1.614	1.1	.043	DIN 6537 K
7.14	.281	36.8	1.449	5	8	460.1-0714-036A0-XM	GC34	8.00	.315	91	3.583	89.9	3.539	53	2.087	1.1	.043	DIN 6537 L
7.30	.287	23.0	.906	3	8	460.1-0730-022A0-XM	GC34	8.00	.315	79	3.110	77.9	3.067	41	1.614	1.1	.043	DIN 6537 K
7.30	.287	37.6	1.480	5	8	460.1-0730-037A0-XM	GC34	8.00	.315	91	3.583	89.9	3.539	53	2.087	1.1	.043	DIN 6537 L
7.40	.291	23.3	.917	3	8	460.1-0740-022A0-XM	GC34	8.00	.315	79	3.110	77.9	3.067	41	1.614	1.1	.043	DIN 6537 K
7.40	.291	38.1	1.500	5	8	460.1-0740-037A0-XM	GC34	8.00	.315	91	3.583	89.9	3.539	53	2.087	1.1	.043	DIN 6537 L
7.50	.295	23.6	.929	3	8	460.1-0750-023A0-XM	GC34	8.00	.315	79	3.110	77.9	3.067	41	1.614	1.1	.043	DIN 6537 K
7.50	.295	38.6	1.520	5	8	460.1-0750-038A0-XM	GC34	8.00	.315	91	3.583	89.9	3.539	53	2.087	1.1	.043	DIN 6537 L
7.54	.297	23.7	.933	3	8	460.1-0754-023A0-XM	GC34	8.00	.315	79	3.110	77.9	3.067	41	1.614	1.1	.043	DIN 6537 K
7.54	.297	38.8	1.528	5	8	460.1-0754-038A0-XM	GC34	8.00	.315	91	3.583	89.9	3.539	53	2.087	1.1	.043	DIN 6537 L
7.60	.299	23.9	.941	3	8	460.1-0760-023A0-XM	GC34	8.00	.315	79	3.110	77.9	3.067	41	1.614	1.1	.043	DIN 6537 K
7.60	.299	39.1	1.539	5	8	460.1-0760-038A0-XM	GC34	8.00	.315	91	3.583	89.9	3.539	53	2.087	1.1	.043	DIN 6537 L
7.70	.303	24.2	.953	3	8	460.1-0770-023A0-XM	GC34	8.00	.315	79	3.110	77.9	3.067	41	1.614	1.1	.043	DIN 6537 K
7.70	.303	39.6	1.559	5	8	460.1-0770-039A0-XM	GC34	8.00	.315	91	3.583	89.9	3.539	53	2.087	1.1	.043	DIN 6537 L
7.80	.307	24.6	.969	3	8	460.1-0780-023A0-XM	GC34	8.00	.315	79	3.110	77.8	3.063	41	1.614	1.2	.047	DIN 6537 K
7.80	.307	40.2	1.583	5	8	460.1-0780-039A0-XM	GC34	8.00	.315	91	3.583	89.8	3.535	53	2.087	1.2	.047	DIN 6537 L
7.90	.311	24.9	.980	3	8	460.1-0790-024A0-XM	GC34	8.00	.315	79	3.110	77.8	3.063	41	1.614	1.2	.047	DIN 6537 K
7.90	.311	40.7	1.602	5	8	460.1-0790-040A0-XM	GC34	8.00	.315	91	3.583	89.8	3.535	53	2.087	1.2	.047	DIN 6537 L
7.94	.313	25.0	.984	3	8	460.1-0794-024A0-XM	GC34	8.00	.315	79	3.110	77.8	3.063	41	1.614	1.2	.047	DIN 6537 K
7.94	.313	40.9	1.610	5	8	460.1-0794-040A0-XM	GC34	8.00	.315	91	3.583	89.8	3.535	53	2.087	1.2	.047	DIN 6537 L
8.00	.315	25.2	.992	3	8	460.1-0800-024A0-XM	GC34	8.00	.315	79	3.110	77.8	3.063	41	1.614	1.2	.047	DIN 6537 K
8.00	.315	41.2	1.622	5	8	460.1-0800-040A0-XM	GC34	8.00	.315	91	3.583	89.8	3.535	53	2.087	1.2	.047	DIN 6537 L
8.10	.319	25.5	1.004	3	10	460.1-0810-024A0-XM	GC34	10.00	.394	89	3.504	87.8	3.457	47	1.850	1.2	.047	DIN 6537 K
8.10	.319	41.7	1.642	5	10	460.1-0810-041A0-XM	GC34	10.00	.394	103	4.055	101.8	4.008	61	2.402	1.2	.047	DIN 6537 L
8.20	.323	25.8	1.016	3	10	460.1-0820-025A0-XM	GC34	10.00	.394	89	3.504	87.8	3.457	47	1.850	1.2	.047	DIN 6537 K
8.20	.323	42.2	1.661	5	10	460.1-0820-041A0-XM	GC34	10.00	.394	103	4.055	101.8	4.008	61	2.402	1.2	.047	DIN 6537 L
8.33	.328	26.2	1.032	3	10	460.1-0833-025A0-XM	GC34	10.00	.394	89	3.504	87.8	3.457	47	1.850	1.2	.047	DIN 6537 K
8.33	.328	42.9	1.689	5	10	460.1-0833-042A0-XM	GC34	10.00	.394	103	4.055	101.8	4.008	61	2.402	1.2	.047	DIN 6537 L
8.40	.331	26.4	1.039	3	10	460.1-0840-025A0-XM	GC34	10.00	.394	89	3.504	87.8	3.457	47	1.850	1.2	.047	DIN 6537 K
8.40	.331	43.2	1.701	5	10	460.1-0840-042A0-XM	GC34	10.00	.394	103	4.055	101.8	4.008	61	2.402	1.2	.047	DIN 6537 L
8.50	.335	26.8	1.055	3	10	460.1-0850-026A0-XM	GC34	10.00	.394	89	3.504	87.7	3.453	47	1.850	1.3	.051	DIN 6537 K
8.50	.335	43.8	1.724	5	10	460.1-0850-043A0-XM	GC34	10.00	.394	103	4.055	101.7	4.004	61	2.402	1.3	.051	DIN 6537 L
8.60	.339	27.1	1.067	3	10	460.1-0860-026A0-XM	GC34	10.00	.394	89	3.504	87.7	3.453	47	1.850	1.3	.051	DIN 6537 K
8.60	.339	44.3	1.744	5	10	460.1-0860-043A0-XM	GC34	10.00	.394	103	4.055	101.7	4.004	61	2.402	1.3	.051	DIN 6537 L
8.70	.343	27.4	1.079	3	10	460.1-0870-026A0-XM	GC34	10.00	.394	89	3.504	87.7	3.453	47	1.850	1.3	.051	DIN 6537 K
8.70	.343	44.8	1.764	5	10	460.1-0870-044A0-XM	GC34	10.00	.394	103	4.055	101.7	4.004	61	2.402	1.3	.051	DIN 6537 L
8.73	.344	27.5	1.083	3	10	460.1-0873-026A0-XM	GC34	10.00	.394	89	3.504	87.7	3.453	47	1.850	1.3	.051	DIN 6537 K
8.73	.344	44.9	1.768	5	10	460.1-0873-044A0-XM	GC34	10.00	.394	103	4.055	101.7	4.004	61	2.402	1.3	.051	DIN 6537 L
8.80	.346	27.7	1.091	3	10	460.1-0880-026A0-XM	GC34	10.00	.394	89	3.504	87.7	3.453	47	1.850	1.3	.051	DIN 6537 K
8.80	.346	45.3	1.783	5	10	460.1-0880-044A0-XM	GC34	10.00	.394	103	4.055	101.7	4.004	61	2.402	1.3	.051	DIN 6537 L
8.90	.350	45.8	1.803	5	10	460.1-0890-045A0-XM	GC34	10.00	.394	103	4.055	101.7	4.004	61	2.402	1.3	.051	DIN 6537 L
9.00	.354	28.3	1.114	3	10	460.1-0900-027A0-XM	GC34	10.00	.394	89	3.504	87.7	3.453	47	1.850	1.3	.051	DIN 6537 K
9.00	.354	46.3	1.823	5	10	460.1-0900-045A0-XM	GC34	10.00	.394	103	4.055	101.7	4.004	61	2.402	1.3	.051	DIN 6537 L
9.10	.358	28.6	1.126	3	10	460.1-0910-027A0-XM	GC34	10.00	.394	89	3.504	87.7	3.453	47	1.850	1.3	.051	DIN 6537 K
9.10	.358	46.8	1.843	5	10	460.1-0910-046A0-XM	GC34	10.00	.394	103	4.055	101.7	4.004	61	2.402	1.3	.051	DIN 6537 L

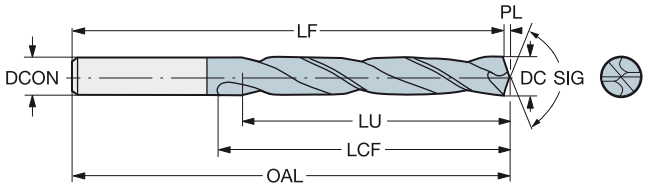
E14 E45 E36 E50

Broca de metal duro integral CoroDrill® 460

Para múltiples materiales

Suministro de refrigerante exterior

TCHA H9
SIG 140°



P M K N S H

								Dimensiones, mm, pulg.									
DC	DC"	LU	LU"	ULDR	CZC_{MS}	**Código de pedido**	GRADE	DCON	DCON"	OAL	OAL"	LF	LF"	LCF	LCF"	PL	PL"	BSG
9.13	.359	28.7	1.130	3	10	**460.1-0913-027A0-XM**	GC34	10.00	.394	89	3.504	87.6	3.449	47	1.850	1.4	.055	DIN 6537 K
9.13	.359	47.0	1.850	5	10	**460.1-0913-046A0-XM**	GC34	10.00	.394	103	4.055	101.6	4.000	61	2.402	1.4	.055	DIN 6537 L
9.30	.366	29.3	1.154	3	10	**460.1-0930-028A0-XM**	GC34	10.00	.394	89	3.504	87.6	3.449	47	1.850	1.4	.055	DIN 6537 K
9.30	.366	47.9	1.886	5	10	**460.1-0930-047A0-XM**	GC34	10.00	.394	103	4.055	101.6	4.000	61	2.402	1.4	.055	DIN 6537 L
9.40	.370	29.6	1.165	3	10	**460.1-0940-028A0-XM**	GC34	10.00	.394	89	3.504	87.6	3.449	47	1.850	1.4	.055	DIN 6537 K
9.40	.370	48.4	1.906	5	10	**460.1-0940-047A0-XM**	GC34	10.00	.394	103	4.055	101.6	4.000	61	2.402	1.4	.055	DIN 6537 L
9.50	.374	29.9	1.177	3	10	**460.1-0950-029A0-XM**	GC34	10.00	.394	89	3.504	87.6	3.449	47	1.850	1.4	.055	DIN 6537 K
9.50	.374	48.7	1.917	5	10	**460.1-0950-048A0-XM**	GC34	10.00	.394	103	4.055	101.6	4.000	61	2.402	1.4	.055	DIN 6537 L
9.53	.375	30.0	1.181	3	10	**460.1-0953-029A0-XM**	GC34	10.00	.394	89	3.504	87.6	3.449	47	1.850	1.4	.055	DIN 6537 K
9.53	.375	48.6	1.913	5	10	**460.1-0953-048A0-XM**	GC34	10.00	.394	103	4.055	101.6	4.000	61	2.402	1.4	.055	DIN 6537 L
9.60	.378	30.2	1.189	3	10	**460.1-0960-029A0-XM**	GC34	10.00	.394	89	3.504	87.6	3.449	47	1.850	1.4	.055	DIN 6537 K
9.60	.378	48.5	1.909	5	10	**460.1-0960-048A0-XM**	GC34	10.00	.394	103	4.055	101.6	4.000	61	2.402	1.4	.055	DIN 6537 L
9.70	.382	30.5	1.201	3	10	**460.1-0970-029A0-XM**	GC34	10.00	.394	89	3.504	87.6	3.449	47	1.850	1.4	.055	DIN 6537 K
9.70	.382	48.4	1.906	4	10	**460.1-0970-049A0-XM**	GC34	10.00	.394	103	4.055	101.6	4.000	61	2.402	1.4	.055	DIN 6537 L
9.80	.386	30.9	1.217	3	10	**460.1-0980-029A0-XM**	GC34	10.00	.394	89	3.504	87.5	3.445	47	1.850	1.5	.059	DIN 6537 K
9.80	.386	48.3	1.902	4	10	**460.1-0980-049A0-XM**	GC34	10.00	.394	103	4.055	101.5	3.996	61	2.402	1.5	.059	DIN 6537 L
9.90	.390	31.2	1.228	3	10	**460.1-0990-030A0-XM**	GC34	10.00	.394	89	3.504	87.5	3.445	47	1.850	1.5	.059	DIN 6537 K
9.90	.390	48.1	1.894	4	10	**460.1-0990-050A0-XM**	GC34	10.00	.394	103	4.055	101.5	3.996	61	2.402	1.5	.059	DIN 6537 L
9.92	.391	31.2	1.228	3	10	**460.1-0992-030A0-XM**	GC34	10.00	.394	89	3.504	87.5	3.445	47	1.850	1.5	.059	DIN 6537 K
9.92	.391	48.1	1.894	4	10	**460.1-0992-050A0-XM**	GC34	10.00	.394	103	4.055	101.5	3.996	61	2.402	1.5	.059	DIN 6537 L
10.00	.394	31.5	1.240	3	10	**460.1-1000-030A0-XM**	GC34	10.00	.394	89	3.504	87.5	3.445	47	1.850	1.5	.059	DIN 6537 K
10.00	.394	48.0	1.890	4	10	**460.1-1000-050A0-XM**	GC34	10.00	.394	103	4.055	101.5	3.996	61	2.402	1.5	.059	DIN 6537 L
10.10	.398	31.8	1.252	3	12	**460.1-1010-030A0-XM**	GC34	12.00	.472	102	4.016	100.5	3.957	55	2.165	1.5	.059	DIN 6537 K
10.10	.398	52.0	2.047	5	12	**460.1-1010-051A0-XM**	GC34	12.00	.472	118	4.646	116.5	4.587	71	2.795	1.5	.059	DIN 6537 L
10.20	.402	32.1	1.264	3	12	**460.1-1020-031A0-XM**	GC34	12.00	.472	102	4.016	100.5	3.957	55	2.165	1.5	.059	DIN 6537 K
10.20	.402	52.5	2.067	5	12	**460.1-1020-051A0-XM**	GC34	12.00	.472	118	4.646	116.5	4.587	71	2.795	1.5	.059	DIN 6537 L
10.30	.406	32.4	1.276	3	12	**460.1-1030-031A0-XM**	GC34	12.00	.472	102	4.016	100.5	3.957	55	2.165	1.5	.059	DIN 6537 K
10.30	.406	53.0	2.087	5	12	**460.1-1030-052A0-XM**	GC34	12.00	.472	118	4.646	116.5	4.587	71	2.795	1.5	.059	DIN 6537 L
10.32	.406	32.5	1.280	3	12	**460.1-1032-031A0-XM**	GC34	12.00	.472	102	4.016	100.5	3.957	55	2.165	1.5	.059	DIN 6537 K
10.32	.406	53.1	2.091	5	12	**460.1-1032-052A0-XM**	GC34	12.00	.472	118	4.646	116.5	4.587	71	2.795	1.5	.059	DIN 6537 L
10.40	.409	32.7	1.287	3	12	**460.1-1040-031A0-XM**	GC34	12.00	.472	102	4.016	100.5	3.957	55	2.165	1.5	.059	DIN 6537 K
10.40	.409	53.5	2.106	5	12	**460.1-1040-052A0-XM**	GC34	12.00	.472	118	4.646	116.5	4.587	71	2.795	1.5	.059	DIN 6537 L
10.50	.413	33.1	1.303	3	12	**460.1-1050-032A0-XM**	GC34	12.00	.472	102	4.016	100.4	3.953	55	2.165	1.6	.063	DIN 6537 K
10.50	.413	54.1	2.130	5	12	**460.1-1050-053A0-XM**	GC34	12.00	.472	118	4.646	116.4	4.583	71	2.795	1.6	.063	DIN 6537 L
10.60	.417	33.4	1.315	3	12	**460.1-1060-032A0-XM**	GC34	12.00	.472	102	4.016	100.4	3.953	55	2.165	1.6	.063	DIN 6537 K
10.60	.417	54.6	2.150	5	12	**460.1-1060-053A0-XM**	GC34	12.00	.472	118	4.646	116.4	4.583	71	2.795	1.6	.063	DIN 6537 L
10.72	.422	33.7	1.327	3	12	**460.1-1072-032A0-XM**	GC34	12.00	.472	102	4.016	100.4	3.953	55	2.165	1.6	.063	DIN 6537 K
10.72	.422	55.2	2.173	5	12	**460.1-1072-054A0-XM**	GC34	12.00	.472	118	4.646	116.4	4.583	71	2.795	1.6	.063	DIN 6537 L
10.80	.425	34.0	1.339	3	12	**460.1-1080-032A0-XM**	GC34	12.00	.472	102	4.016	100.4	3.953	55	2.165	1.6	.063	DIN 6537 K
11.00	.433	34.6	1.362	3	12	**460.1-1100-033A0-XM**	GC34	12.00	.472	102	4.016	100.4	3.953	55	2.165	1.6	.063	DIN 6537 K
11.00	.433	56.6	2.228	5	12	**460.1-1100-055A0-XM**	GC34	12.00	.472	118	4.646	116.4	4.583	71	2.795	1.6	.063	DIN 6537 L
11.11	.437	35.0	1.378	3	12	**460.1-1111-033A0-XM**	GC34	12.00	.472	102	4.016	100.3	3.949	55	2.165	1.7	.067	DIN 6537 K
11.11	.437	57.2	2.252	5	12	**460.1-1111-056A0-XM**	GC34	12.00	.472	118	4.646	116.3	4.579	71	2.795	1.7	.067	DIN 6537 L
11.20	.441	35.3	1.390	3	12	**460.1-1120-034A0-XM**	GC34	12.00	.472	102	4.016	100.3	3.949	55	2.165	1.7	.067	DIN 6537 K
11.20	.441	57.6	2.268	5	12	**460.1-1120-056A0-XM**	GC34	12.00	.472	118	4.646	116.3	4.579	71	2.795	1.7	.067	DIN 6537 L
11.40	.449	35.9	1.413	3	12	**460.1-1140-034A0-XM**	GC34	12.00	.472	102	4.016	100.3	3.949	55	2.165	1.7	.067	DIN 6537 K
11.40	.449	57.3	2.256	5	12	**460.1-1140-057A0-XM**	GC34	12.00	.472	118	4.646	116.3	4.579	71	2.795	1.7	.067	DIN 6537 L
11.50	.453	36.2	1.425	3	12	**460.1-1150-035A0-XM**	GC34	12.00	.472	102	4.016	100.3	3.949	55	2.165	1.7	.067	DIN 6537 K

E14 E45 E36 E50

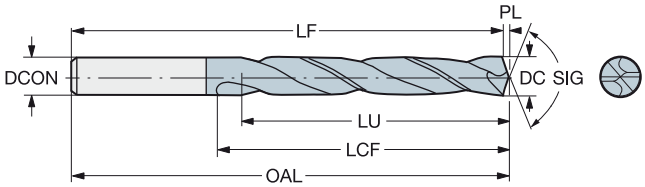
SANDVIK Coromant

Broca de metal duro integral CoroDrill® 460

Para múltiples materiales

Suministro de refrigerante exterior

TCHA H9
SIG 140°



P M K N S H

								Dimensiones, mm, pulg.									
DC	DC"	LU	LU"	ULDR	CZC_{MS}	**Código de pedido**	GRADE	DCON	DCON"	OAL	OAL"	LF	LF"	LCF	LCF"	PL	PL"	BSG
11.50	.453	57.2	2.252	4	12	**460.1-1150-058A0-XM**	GC34	12.00	.472	118	4.646	116.3	4.579	71	2.795	1.7	.067	DIN 6537 L
11.51	.453	36.2	1.425	3	12	**460.1-1151-035A0-XM**	GC34	12.00	.472	102	4.016	100.3	3.949	55	2.165	1.7	.067	DIN 6537 K
11.51	.453	57.2	2.252	4	12	**460.1-1151-058A0-XM**	GC34	12.00	.472	118	4.646	116.3	4.579	71	2.795	1.7	.067	DIN 6537 L
11.60	.457	36.5	1.437	3	12	**460.1-1160-035A0-XM**	GC34	12.00	.472	102	4.016	100.3	3.949	55	2.165	1.7	.067	DIN 6537 K
11.60	.457	57.1	2.248	4	12	**460.1-1160-058A0-XM**	GC34	12.00	.472	118	4.646	116.3	4.579	71	2.795	1.7	.067	DIN 6537 L
11.80	.465	37.2	1.465	3	12	**460.1-1180-035A0-XM**	GC34	12.00	.472	102	4.016	100.2	3.945	55	2.165	1.8	.071	DIN 6537 K
11.80	.465	56.8	2.236	4	12	**460.1-1180-059A0-XM**	GC34	12.00	.472	118	4.646	116.2	4.575	71	2.795	1.8	.071	DIN 6537 L
11.91	.469	37.5	1.476	3	12	**460.1-1191-036A0-XM**	GC34	12.00	.472	102	4.016	100.2	3.945	55	2.165	1.8	.071	DIN 6537 K
11.91	.469	56.7	2.232	4	12	**460.1-1191-060A0-XM**	GC34	12.00	.472	118	4.646	116.2	4.575	71	2.795	1.8	.071	DIN 6537 L
12.00	.472	37.8	1.488	3	12	**460.1-1200-036A0-XM**	GC34	12.00	.472	102	4.016	100.2	3.945	55	2.165	1.8	.071	DIN 6537 K
12.00	.472	56.6	2.228	4	12	**460.1-1200-060A0-XM**	GC34	12.00	.472	118	4.646	116.2	4.575	71	2.795	1.8	.071	DIN 6537 L
12.10	.476	38.1	1.500	3	14	**460.1-1210-036A0-XM**	GC34	14.00	.551	107	4.213	105.2	4.142	60	2.362	1.8	.071	DIN 6537 K
12.10	.476	62.3	2.453	5	14	**460.1-1210-061A0-XM**	GC34	14.00	.551	124	4.882	122.2	4.811	77	3.032	1.8	.071	DIN 6537 L
12.20	.480	38.4	1.512	3	14	**460.1-1220-037A0-XM**	GC34	14.00	.551	107	4.213	105.2	4.142	60	2.362	1.8	.071	DIN 6537 K
12.20	.480	62.4	2.457	5	14	**460.1-1220-061A0-XM**	GC34	14.00	.551	124	4.882	122.2	4.811	77	3.032	1.8	.071	DIN 6537 L
12.30	.484	38.7	1.524	3	14	**460.1-1230-037A0-XM**	GC34	14.00	.551	107	4.213	105.2	4.142	60	2.362	1.8	.071	DIN 6537 K
12.30	.484	62.2	2.449	5	14	**460.1-1230-062A0-XM**	GC34	14.00	.551	124	4.882	122.2	4.811	77	3.032	1.8	.071	DIN 6537 L
12.50	.492	39.4	1.551	3	14	**460.1-1250-038A0-XM**	GC34	14.00	.551	107	4.213	105.1	4.138	60	2.362	1.9	.075	DIN 6537 K
12.50	.492	62.0	2.441	4	14	**460.1-1250-063A0-XM**	GC34	14.00	.551	124	4.882	122.1	4.807	77	3.032	1.9	.075	DIN 6537 L
12.70	.500	40.0	1.575	3	14	**460.1-1270-038A0-XM**	GC34	14.00	.551	107	4.213	105.1	4.138	60	2.362	1.9	.075	DIN 6537 K
12.70	.500	61.8	2.433	4	14	**460.1-1270-064A0-XM**	GC34	14.00	.551	124	4.882	122.1	4.807	77	3.032	1.9	.075	DIN 6537 L
12.80	.504	40.3	1.587	3	14	**460.1-1280-038A0-XM**	GC34	14.00	.551	107	4.213	105.1	4.138	60	2.362	1.9	.075	DIN 6537 K
12.80	.504	61.6	2.425	4	14	**460.1-1280-064A0-XM**	GC34	14.00	.551	124	4.882	122.1	4.807	77	3.032	1.9	.075	DIN 6537 L
13.00	.512	40.9	1.610	3	14	**460.1-1300-039A0-XM**	GC34	14.00	.551	107	4.213	105.1	4.138	60	2.362	1.9	.075	DIN 6537 K
13.00	.512	61.4	2.417	4	14	**460.1-1300-065A0-XM**	GC34	14.00	.551	124	4.882	122.1	4.807	77	3.032	1.9	.075	DIN 6537 L
13.10	.516	41.2	1.622	3	14	**460.1-1310-039A0-XM**	GC34	14.00	.551	107	4.213	105.0	4.134	60	2.362	2.0	.079	DIN 6537 K
13.10	.516	61.3	2.413	4	14	**460.1-1310-066A0-XM**	GC34	14.00	.551	124	4.882	122.0	4.803	77	3.032	2.0	.079	DIN 6537 L
13.49	.531	42.5	1.673	3	14	**460.1-1349-041A0-XM**	GC34	14.00	.551	107	4.213	105.0	4.134	60	2.362	2.0	.079	DIN 6537 K
13.49	.531	60.8	2.394	4	14	**460.1-1349-061A0-XM**	GC34	14.00	.551	124	4.882	122.0	4.803	77	3.032	2.0	.079	DIN 6537 L
13.50	.531	42.5	1.673	3	14	**460.1-1350-041A0-XM**	GC34	14.00	.551	107	4.213	105.0	4.134	60	2.362	2.0	.079	DIN 6537 K
13.50	.531	60.8	2.394	4	14	**460.1-1350-061A0-XM**	GC34	14.00	.551	124	4.882	122.0	4.803	77	3.032	2.0	.079	DIN 6537 L
13.80	.543	43.4	1.709	3	14	**460.1-1380-041A0-XM**	GC34	14.00	.551	107	4.213	104.9	4.130	60	2.362	2.1	.083	DIN 6537 K
13.80	.543	60.4	2.378	4	14	**460.1-1380-062A0-XM**	GC34	14.00	.551	124	4.882	121.9	4.799	77	3.032	2.1	.083	DIN 6537 L
13.89	.547	43.3	1.705	3	14	**460.1-1389-042A0-XM**	GC34	14.00	.551	107	4.213	104.9	4.130	60	2.362	2.1	.083	DIN 6537 K
13.89	.547	60.3	2.374	4	14	**460.1-1389-063A0-XM**	GC34	14.00	.551	124	4.882	121.9	4.799	77	3.032	2.1	.083	DIN 6537 L
14.00	.551	44.1	1.736	3	14	**460.1-1400-042A0-XM**	GC34	14.00	.551	107	4.213	104.9	4.130	60	2.362	2.1	.083	DIN 6537 K
14.00	.551	63.0	2.480	4	14	**460.1-1400-063A0-XM**	GC34	14.00	.551	124	4.882	121.9	4.799	77	3.032	2.1	.083	DIN 6537 L
14.25	.561	44.9	1.768	3	16	**460.1-1425-043A0-XM**	GC34	16.00	.630	115	4.528	112.9	4.445	65	2.559	2.1	.083	DIN 6537 K
14.25	.561	68.8	2.709	4	16	**460.1-1425-071A0-XM**	GC34	16.00	.630	133	5.236	130.9	5.154	83	3.268	2.1	.083	DIN 6537 L
14.29	.563	45.0	1.772	3	16	**460.1-1429-043A0-XM**	GC34	16.00	.630	115	4.528	112.9	4.445	65	2.559	2.1	.083	DIN 6537 K
14.29	.563	68.7	2.705	4	16	**460.1-1429-072A0-XM**	GC34	16.00	.630	133	5.236	130.9	5.154	83	3.268	2.1	.083	DIN 6537 L
14.50	.571	45.7	1.799	3	16	**460.1-1450-044A0-XM**	GC34	16.00	.630	115	4.528	112.8	4.441	65	2.559	2.2	.087	DIN 6537 K
14.50	.571	68.5	2.697	4	16	**460.1-1450-073A0-XM**	GC34	16.00	.630	133	5.236	130.8	5.150	83	3.268	2.2	.087	DIN 6537 L
14.68	.578	46.2	1.819	3	16	**460.1-1468-044A0-XM**	GC34	16.00	.630	115	4.528	112.8	4.441	65	2.559	2.2	.087	DIN 6537 K
14.68	.578	68.3	2.689	4	16	**460.1-1468-073A0-XM**	GC34	16.00	.630	133	5.236	130.8	5.150	83	3.268	2.2	.087	DIN 6537 L
14.80	.583	46.6	1.835	3	16	**460.1-1480-044A0-XM**	GC34	16.00	.630	115	4.528	112.8	4.441	65	2.559	2.2	.087	DIN 6537 K
14.80	.583	68.2	2.685	4	16	**460.1-1480-067A0-XM**	GC34	16.00	.630	133	5.236	130.8	5.150	83	3.268	2.2	.087	DIN 6537 L
15.00	.591	47.2	1.858	3	16	**460.1-1500-045A0-XM**	GC34	16.00	.630	115	4.528	112.8	4.441	65	2.559	2.2	.087	DIN 6537 K

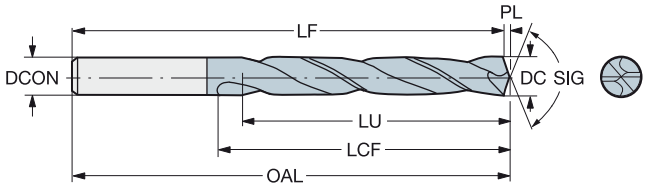
E14 E45 E36 E50

Broca de metal duro integral CoroDrill® 460

Para múltiples materiales

Suministro de refrigerante exterior

TCHA H9
SIG 140°



P M K N S H

								Dimensiones, mm, pulg.									
DC	DC"	LU	LU"	ULDR	CZC_{MS}	Código de pedido	GRADE	DCON	DCON"	OAL	OAL"	LF	LF"	LCF	LCF"	PL	PL"	BSG
15.00	.591	68.0	2.677	4	16	460.1-1500-068A0-XM	GC34	16.00	.630	133	5.236	130.8	5.150	83	3.268	2.2	.087	DIN 6537 L
15.08	.594	47.5	1.870	3	16	460.1-1508-045A0-XM	GC34	16.00	.630	115	4.528	112.8	4.441	65	2.559	2.2	.087	DIN 6537 K
15.08	.594	67.9	2.673	4	16	460.1-1508-068A0-XM	GC34	16.00	.630	133	5.236	130.8	5.150	83	3.268	2.2	.087	DIN 6537 L
15.10	.594	47.6	1.874	3	16	460.1-1510-045A0-XM	GC34	16.00	.630	115	4.528	112.7	4.437	65	2.559	2.3	.091	DIN 6537 K
15.10	.594	67.9	2.673	4	16	460.1-1510-068A0-XM	GC34	16.00	.630	133	5.236	130.7	5.146	83	3.268	2.3	.091	DIN 6537 L
15.48	.609	48.7	1.917	3	16	460.1-1548-046A0-XM	GC34	16.00	.630	115	4.528	112.7	4.437	65	2.559	2.3	.091	DIN 6537 K
15.48	.609	67.5	2.657	4	16	460.1-1548-070A0-XM	GC34	16.00	.630	133	5.236	130.7	5.146	83	3.268	2.3	.091	DIN 6537 L
15.50	.610	48.8	1.921	3	16	460.1-1550-047A0-XM	GC34	16.00	.630	115	4.528	112.7	4.437	65	2.559	2.3	.091	DIN 6537 K
15.50	.610	67.5	2.657	4	16	460.1-1550-070A0-XM	GC34	16.00	.630	133	5.236	130.7	5.146	83	3.268	2.3	.091	DIN 6537 L
15.80	.622	49.2	1.937	3	16	460.1-1580-047A0-XM	GC34	16.00	.630	115	4.528	112.6	4.433	65	2.559	2.4	.094	DIN 6537 K
15.80	.622	67.2	2.646	4	16	460.1-1580-071A0-XM	GC34	16.00	.630	133	5.236	130.6	5.142	83	3.268	2.4	.094	DIN 6537 L
15.88	.625	49.1	1.933	3	16	460.1-1588-047A0-XM	GC34	16.00	.630	115	4.528	112.6	4.433	65	2.559	2.4	.094	DIN 6537 K
15.88	.625	67.1	2.642	4	16	460.1-1588-071A0-XM	GC34	16.00	.630	133	5.236	130.6	5.142	83	3.268	2.4	.094	DIN 6537 L
16.00	.630	49.0	1.929	3	16	460.1-1600-048A0-XM	GC34	16.00	.630	115	4.528	112.6	4.433	65	2.559	2.4	.094	DIN 6537 K
16.00	.630	67.0	2.638	4	16	460.1-1600-072A0-XM	GC34	16.00	.630	133	5.236	130.6	5.142	83	3.268	2.4	.094	DIN 6537 L
16.27	.641	51.2	2.016	3	18	460.1-1627-049A0-XM	GC34	18.00	.709	123	4.843	120.6	4.748	73	2.874	2.4	.094	DIN 6537 K
16.27	.641	76.7	3.020	4	18	460.1-1627-081A0-XM	GC34	18.00	.709	143	5.630	140.6	5.535	93	3.661	2.4	.094	DIN 6537 L
16.50	.650	52.0	2.047	3	18	460.1-1650-050A0-XM	GC34	18.00	.709	123	4.843	120.5	4.744	73	2.874	2.5	.098	DIN 6537 K
16.50	.650	76.5	3.012	4	18	460.1-1650-074A0-XM	GC34	18.00	.709	143	5.630	140.5	5.532	93	3.661	2.5	.098	DIN 6537 L
16.67	.656	52.5	2.067	3	18	460.1-1667-050A0-XM	GC34	18.00	.709	123	4.843	120.5	4.744	73	2.874	2.5	.098	DIN 6537 K
16.67	.656	76.3	3.004	4	18	460.1-1667-075A0-XM	GC34	18.00	.709	143	5.630	140.5	5.532	93	3.661	2.5	.098	DIN 6537 L
17.00	.669	53.5	2.106	3	18	460.1-1700-051A0-XM	GC34	18.00	.709	123	4.843	120.5	4.744	73	2.874	2.5	.098	DIN 6537 K
17.00	.669	76.0	2.992	4	18	460.1-1700-077A0-XM	GC34	18.00	.709	143	5.630	140.5	5.532	93	3.661	2.5	.098	DIN 6537 L
17.07	.672	53.7	2.114	3	18	460.1-1707-051A0-XM	GC34	18.00	.709	123	4.843	120.5	4.744	73	2.874	2.5	.098	DIN 6537 K
17.46	.687	55.0	2.165	3	18	460.1-1746-052A0-XM	GC34	18.00	.709	123	4.843	120.4	4.740	73	2.874	2.6	.102	DIN 6537 K
17.46	.687	75.5	2.972	4	18	460.1-1746-079A0-XM	GC34	18.00	.709	143	5.630	140.4	5.528	93	3.661	2.6	.102	DIN 6537 L
17.50	.689	55.1	2.169	3	18	460.1-1750-053A0-XM	GC34	18.00	.709	123	4.843	120.4	4.740	73	2.874	2.6	.102	DIN 6537 K
17.50	.689	75.5	2.972	4	18	460.1-1750-079A0-XM	GC34	18.00	.709	143	5.630	140.4	5.528	93	3.661	2.6	.102	DIN 6537 L
17.80	.701	55.2	2.173	3	18	460.1-1780-053A0-XM	GC34	18.00	.709	123	4.843	120.3	4.736	73	2.874	2.7	.106	DIN 6537 K
17.80	.701	75.2	2.961	4	18	460.1-1780-080A0-XM	GC34	18.00	.709	143	5.630	140.3	5.524	93	3.661	2.7	.106	DIN 6537 L
17.86	.703	55.1	2.169	3	18	460.1-1786-054A0-XM	GC34	18.00	.709	123	4.843	120.3	4.736	73	2.874	2.7	.106	DIN 6537 K
17.86	.703	75.1	2.957	4	18	460.1-1786-080A0-XM	GC34	18.00	.709	143	5.630	140.3	5.524	93	3.661	2.7	.106	DIN 6537 L
18.00	.709	56.7	2.232	3	18	460.1-1800-054A0-XM	GC34	18.00	.709	123	4.843	120.3	4.736	73	2.874	2.7	.106	DIN 6537 K
18.00	.709	78.6	3.094	4	18	460.1-1800-081A0-XM	GC34	18.00	.709	143	5.630	140.3	5.524	93	3.661	2.7	.106	DIN 6537 L
18.26	.719	57.5	2.264	3	20	460.1-1826-055A0-XM	GC34	20.00	.787	131	5.157	128.3	5.051	79	3.110	2.7	.106	DIN 6537 K
18.26	.719	86.4	3.402	4	20	460.1-1826-082A0-XM	GC34	20.00	.787	153	6.024	150.3	5.917	101	3.976	2.7	.106	DIN 6537 L
18.50	.728	58.3	2.295	3	20	460.1-1850-056A0-XM	GC34	20.00	.787	131	5.157	128.2	5.047	79	3.110	2.8	.110	DIN 6537 K
18.50	.728	86.2	3.394	4	20	460.1-1850-083A0-XM	GC34	20.00	.787	153	6.024	150.2	5.913	101	3.976	2.8	.110	DIN 6537 L
18.65	.734	58.7	2.311	3	20	460.1-1865-056A0-XM	GC34	20.00	.787	131	5.157	128.2	5.047	79	3.110	2.8	.110	DIN 6537 K
18.65	.734	86.1	3.390	4	20	460.1-1865-084A0-XM	GC34	20.00	.787	153	6.024	150.2	5.913	101	3.976	2.8	.110	DIN 6537 L
19.00	.748	59.8	2.354	3	20	460.1-1900-057A0-XM	GC34	20.00	.787	131	5.157	128.2	5.047	79	3.110	2.8	.110	DIN 6537 K
19.00	.748	85.8	3.378	4	20	460.1-1900-086A0-XM	GC34	20.00	.787	153	6.024	150.2	5.913	101	3.976	2.8	.110	DIN 6537 L
19.05	.750	60.0	2.362	3	20	460.1-1905-057A0-XM	GC34	20.00	.787	131	5.157	128.2	5.047	79	3.110	2.8	.110	DIN 6537 K
19.05	.750	85.8	3.378	4	20	460.1-1905-086A0-XM	GC34	20.00	.787	153	6.024	150.2	5.913	101	3.976	2.8	.110	DIN 6537 L
19.50	.768	61.4	2.417	3	20	460.1-1950-059A0-XM	GC34	20.00	.787	131	5.157	128.1	5.043	79	3.110	2.9	.114	DIN 6537 K
19.50	.768	85.4	3.362	4	20	460.1-1950-088A0-XM	GC34	20.00	.787	153	6.024	150.1	5.909	101	3.976	2.9	.114	DIN 6537 L
19.80	.780	62.4	2.457	3	20	460.1-1980-059A0-XM	GC34	20.00	.787	131	5.157	128.0	5.039	79	3.110	3.0	.118	DIN 6537 K
19.80	.780	85.2	3.354	4	20	460.1-1980-089A0-XM	GC34	20.00	.787	153	6.024	150.0	5.906	101	3.976	3.0	.118	DIN 6537 L

E14 E45 E36 E50

SANDVIK Coromant

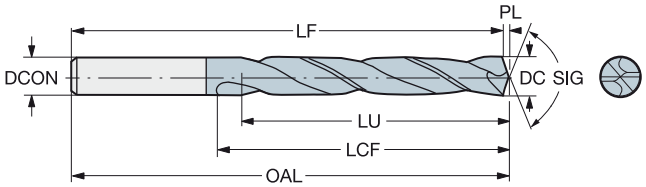
SPA

Broca de metal duro integral CoroDrill® 460

Para múltiples materiales

Suministro de refrigerante exterior

TCHA H9
SIG 140°



P M K N S H

								Dimensiones, mm, pulg.										
DC	DC"	LU	LU"	ULDR	CZC_{MS}	**Código de pedido**	GRADE	DCON	DCON"	OAL	OAL"	LF	LF"	LCF	LCF"	PL	PL"	BSG
20.00	.787	63.0	2.480	3	20	**460.1-2000-060A0-XM**	GC34	20.00	.787	131	5.157	128.0	5.039	79	3.110	3.0	.118	DIN 6537 K
20.00	.787	85.0	3.346	4	20	**460.1-2000-090A0-XM**	GC34	20.00	.787	153	6.024	150.0	5.906	101	3.976	3.0	.118	DIN 6537 L

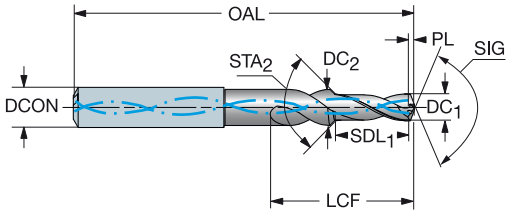
E14 E45 E36 E50

Broca de metal duro integral CoroDrill® 460 bidiametral y con chaflán

Para múltiples materiales

Suministro de refrigerante interior

TCHA H9
SIG 140°



P M K N S H

DC1	DC1"	DC2	DC2"	SDL	SDL"	STA	LU	LU"	CZCMS	Código de pedido	GRADE	Dimensiones, mm, pulg. DCON	DCON"	OAL	OAL"	LF	LF"	LCF	LCF"	PL	PL"	BSG
3.35	.132	4.52	.178	9.40	.370	90°	10.5	.413	6	460.2-0335-010A1-XM	GC34	6.00	.236	66	2.598	65.5	2.579	19	.748	0.5	.020	COROMANT
3.40	.134	4.59	.181	9.40	.370	90°	10.5	.413	6	460.2-0340-010A1-XM	GC34	6.00	.236	66	2.598	65.5	2.579	19	.748	0.5	.020	COROMANT
3.70	.146	5.00	.197	10.40	.409	90°	11.5	.453	6	460.2-0370-011A1-XM	GC34	6.00	.236	66	2.598	65.5	2.579	21	.827	0.5	.020	COROMANT
3.80	.150	5.13	.202	10.30	.405	90°	11.5	.453	6	460.2-0380-011A1-XM	GC34	6.00	.236	66	2.598	65.5	2.579	21	.827	0.5	.020	COROMANT
4.25	.167	5.74	.226	12.30	.484	90°	13.6	.535	6	460.2-0425-013A1-XM	GC34	6.00	.236	66	2.598	65.4	2.575	24	.945	0.6	.024	COROMANT
4.30	.169	5.81	.229	12.20	.480	90°	13.6	.535	6	460.2-0430-013A1-XM	GC34	6.00	.236	66	2.598	65.4	2.575	24	.945	0.6	.024	COROMANT
4.65	.183	6.28	.247	13.20	.519	90°	14.7	.579	8	460.2-0465-014A1-XM	GC34	8.00	.315	79	3.110	78.3	3.083	26	1.024	0.7	.028	COROMANT
5.00	.197	6.75	.266	14.10	.555	90°	15.7	.618	8	460.2-0500-015A1-XM	GC34	8.00	.315	79	3.110	78.3	3.083	27	1.063	0.7	.028	COROMANT
5.10	.201	6.89	.271	14.10	.555	90°	15.7	.618	8	460.2-0510-015A1-XM	GC34	8.00	.315	79	3.110	78.3	3.083	28	1.102	0.7	.028	COROMANT
5.30	.209	7.16	.282	15.10	.594	90°	16.8	.661	8	460.2-0530-016A1-XM	GC34	8.00	.315	79	3.110	78.2	3.079	29	1.142	0.8	.031	COROMANT
5.50	.217	7.43	.293	16.00	.629	90°	17.8	.701	8	460.2-0550-017A1-XM	GC34	8.00	.315	79	3.110	78.2	3.079	30	1.181	0.8	.031	COROMANT
5.56	.219	7.51	.296	16.00	.629	90°	17.8	.701	8	460.2-0556-017A1-XM	GC34	8.00	.315	79	3.110	78.2	3.079	31	1.220	0.8	.031	COROMANT
6.60	.260	8.91	.351	18.80	.740	90°	21.0	.827	10	460.2-0660-020A1-XM	GC34	10.00	.394	89	3.504	88.0	3.465	36	1.417	1.0	.039	COROMANT
6.75	.266	9.11	.359	18.80	.740	90°	21.0	.827	10	460.2-0675-020A1-XM	GC34	10.00	.394	89	3.504	88.0	3.465	36	1.417	1.0	.039	COROMANT
6.85	.270	9.25	.364	19.80	.779	90°	22.0	.866	10	460.2-0685-021A1-XM	GC34	10.00	.394	89	3.504	88.0	3.465	37	1.457	1.0	.039	COROMANT
6.90	.272	9.32	.367	19.80	.779	90°	22.0	.866	10	460.2-0690-021A1-XM	GC34	10.00	.394	89	3.504	88.0	3.465	37	1.457	1.0	.039	COROMANT
7.00	.276	9.45	.372	19.80	.779	90°	22.0	.866	10	460.2-0700-021A1-XM	GC34	10.00	.394	89	3.504	88.0	3.465	38	1.496	1.0	.039	COROMANT
7.25	.285	9.79	.385	20.70	.814	90°	23.1	.909	10	460.2-0725-022A1-XM	GC34	10.00	.394	89	3.504	87.9	3.461	39	1.535	1.1	.043	COROMANT
7.30	.287	9.86	.388	20.70	.814	90°	23.1	.909	10	460.2-0730-022A1-XM	GC34	10.00	.394	89	3.504	87.9	3.461	39	1.535	1.1	.043	COROMANT
7.40	.291	9.99	.393	20.70	.814	90°	23.1	.909	10	460.2-0740-022A1-XM	GC34	10.00	.394	89	3.504	87.9	3.461	40	1.575	1.1	.043	COROMANT
8.00	.315	10.80	.425	22.60	.889	90°	25.2	.992	12	460.2-0800-024A1-XM	GC34	12.00	.472	102	4.016	100.8	3.969	43	1.693	1.2	.047	COROMANT
8.50	.335	11.48	.452	24.50	.964	90°	27.3	1.075	12	460.2-0850-026A1-XM	GC34	12.00	.472	102	4.016	100.7	3.965	46	1.811	1.3	.051	COROMANT
8.60	.339	11.61	.457	24.50	.964	90°	27.3	1.075	12	460.2-0860-026A1-XM	GC34	12.00	.472	102	4.016	100.7	3.965	46	1.811	1.3	.051	COROMANT
8.70	.343	11.75	.463	24.50	.964	90°	27.3	1.075	12	460.2-0870-026A1-XM	GC34	12.00	.472	102	4.016	100.7	3.965	46	1.811	1.3	.051	COROMANT
9.00	.354	12.15	.478	25.40	1.000	90°	28.3	1.114	14	460.2-0900-027A1-XM	GC34	14.00	.551	112	4.409	110.7	4.358	48	1.890	1.3	.051	COROMANT
9.25	.364	12.49	.492	26.40	1.039	90°	29.4	1.157	14	460.2-0925-028A1-XM	GC34	14.00	.551	112	4.409	110.6	4.354	50	1.969	1.4	.055	COROMANT
9.30	.366	12.56	.494	26.40	1.039	90°	29.4	1.157	14	460.2-0930-028A1-XM	GC34	14.00	.551	112	4.409	110.6	4.354	50	1.969	1.4	.055	COROMANT
10.25	.404	13.84	.545	29.20	1.149	90°	32.5	1.280	14	460.2-1025-031A1-XM	GC34	14.00	.551	112	4.409	110.5	4.350	55	2.165	1.5	.059	COROMANT
10.30	.406	13.91	.548	29.20	1.149	90°	32.5	1.280	14	460.2-1030-031A1-XM	GC34	14.00	.551	112	4.409	110.5	4.350	55	2.165	1.5	.059	COROMANT
10.40	.409	14.04	.553	29.20	1.149	90°	32.5	1.280	16	460.2-1040-031A1-XM	GC34	16.00	.630	124	4.882	122.5	4.823	55	2.165	1.5	.059	COROMANT
10.50	.413	14.18	.558	30.20	1.188	90°	33.6	1.323	16	460.2-1050-032A1-XM	GC34	16.00	.630	124	4.882	122.4	4.819	56	2.205	1.6	.063	COROMANT
10.80	.425	14.58	.574	30.10	1.185	90°	33.6	1.323	16	460.2-1080-032A1-XM	GC34	16.00	.630	124	4.882	122.4	4.819	57	2.244	1.6	.063	COROMANT
11.00	.433	14.85	.585	31.10	1.224	90°	34.6	1.362	16	460.2-1100-033A1-XM	GC34	16.00	.630	124	4.882	122.4	4.819	58	2.283	1.6	.063	COROMANT
11.20	.441	15.12	.595	32.00	1.259	90°	35.7	1.406	16	460.2-1120-034A1-XM	GC34	16.00	.630	124	4.882	122.3	4.815	60	2.362	1.7	.067	COROMANT
11.50	.453	15.53	.611	33.00	1.299	90°	36.7	1.445	16	460.2-1150-035A1-XM	GC34	16.00	.630	124	4.882	122.3	4.815	61	2.402	1.7	.067	COROMANT
12.00	.472	16.20	.638	33.90	1.334	90°	37.8	1.488	18	460.2-1200-036A1-XM	GC34	18.00	.709	131	5.157	129.2	5.087	64	2.520	1.8	.071	COROMANT
12.10	.476	16.34	.643	33.90	1.334	90°	37.8	1.488	18	460.2-1210-036A1-XM	GC34	18.00	.709	131	5.157	129.2	5.087	64	2.520	1.8	.071	COROMANT
12.20	.480	16.47	.648	34.90	1.374	90°	38.8	1.528	18	460.2-1220-037A1-XM	GC34	18.00	.709	131	5.157	129.2	5.087	65	2.559	1.8	.071	COROMANT
12.25	.482	16.54	.651	34.90	1.374	90°	38.8	1.528	18	460.2-1225-037A1-XM	GC34	18.00	.709	131	5.157	129.2	5.087	65	2.559	1.8	.071	COROMANT
12.50	.492	16.88	.665	35.80	1.409	90°	39.9	1.571	18	460.2-1250-038A1-XM	GC34	18.00	.709	131	5.157	129.1	5.083	67	2.638	1.9	.075	COROMANT
13.10	.516	17.69	.696	36.70	1.444	90°	41.0	1.614	18	460.2-1310-039A1-XM	GC34	18.00	.709	142	5.591	140.0	5.512	69	2.717	2.0	.079	COROMANT
13.50	.531	18.23	.718	38.60	1.519	90°	43.0	1.693	20	460.2-1350-041A1-XM	GC34	20.00	.787	142	5.591	140.0	5.512	72	2.835	2.0	.079	COROMANT
14.00	.551	18.90	.744	39.60	1.559	90°	44.1	1.736	20	460.2-1400-042A1-XM	GC34	20.00	.787	142	5.591	139.9	5.508	74	2.913	2.1	.083	COROMANT
14.10	.555	19.04	.750	39.50	1.555	90°	44.1	1.736	20	460.2-1410-042A1-XM	GC34	20.00	.787	142	5.591	139.9	5.508	74	2.913	2.1	.083	COROMANT
14.20	.559	19.17	.755	40.50	1.594	90°	45.1	1.776	20	460.2-1420-043A1-XM	GC34	20.00	.787	142	5.591	139.9	5.508	75	2.953	2.1	.083	COROMANT
14.25	.561	19.24	.757	40.50	1.594	90°	45.1	1.776	20	460.2-1425-043A1-XM	GC34	20.00	.787	142	5.591	139.9	5.508	75	2.953	2.1	.083	COROMANT
14.50	.571	19.58	.771	41.50	1.633	90°	46.2	1.819	20	460.2-1450-044A1-XM	GC34	20.00	.787	142	5.591	139.8	5.504	77	3.032	2.2	.087	COROMANT
15.00	.591	20.00	.787	42.50	1.673	90°	47.2	1.858	20	460.2-1500-045A1-XM	GC34	20.00	.787	142	5.591	139.8	5.504	79	3.110	2.2	.087	COROMANT

E8 E45 E36 E50

SANDVIK Coromant

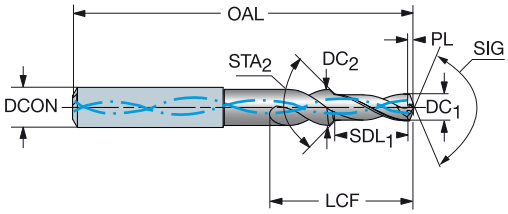
SPA

Broca de metal duro integral CoroDrill® 460 bidiametral y con chaflán

Para múltiples materiales

Suministro de refrigerante interior

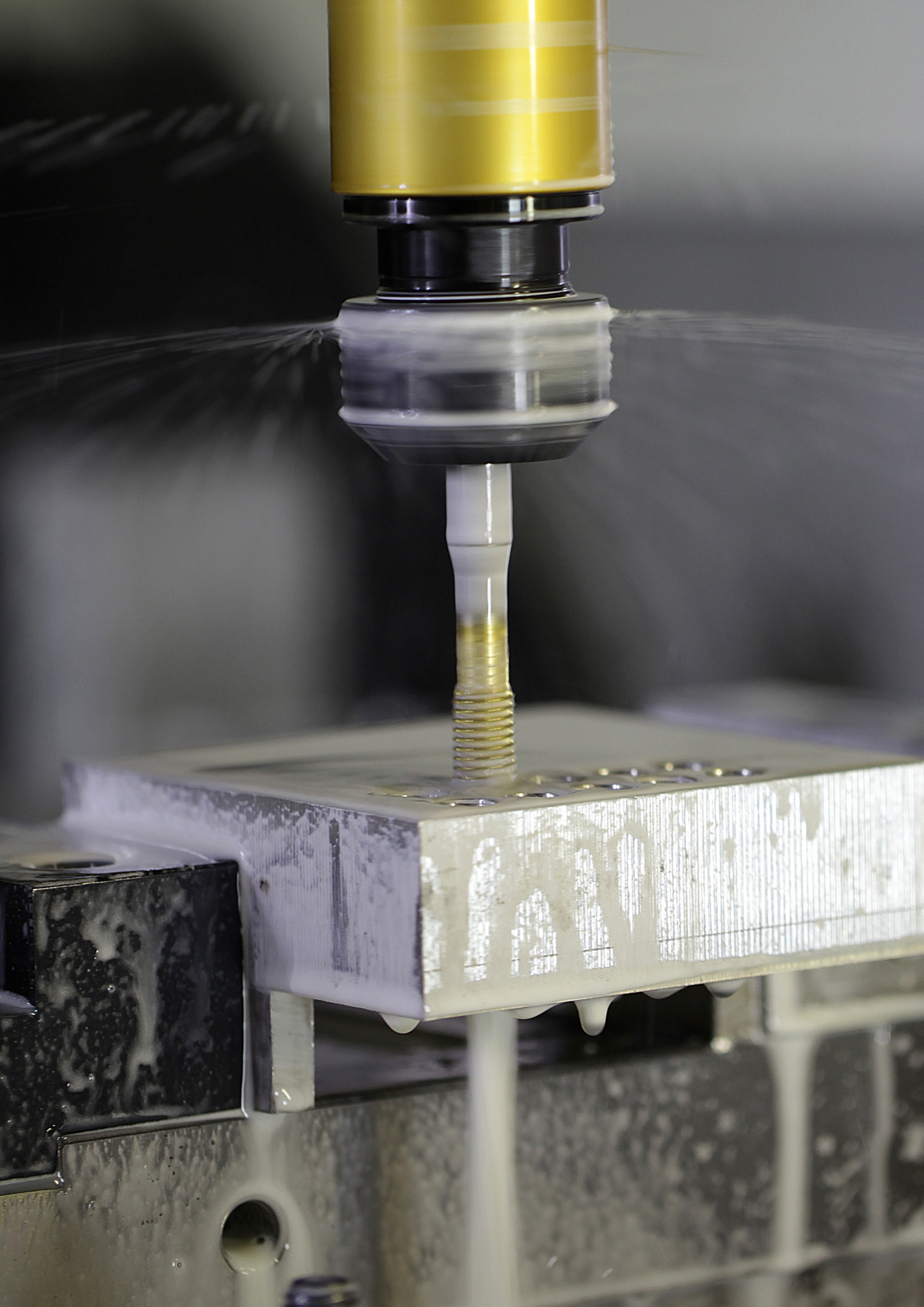
TCHA H9
SIG 140°



P M K N S H

DC1	DC1"	DC2	DC2"	SDL	SDL"	STA	LU	LU"	CZCMS	Código de pedido	GRADE	DCON	DCON"	OAL	OAL"	LF	LF"	LCF	LCF"	PL	PL"	BSG
												Dimensiones, mm, pulg.										
15.10	.594	20.00	.787	42.60	1.677	90°	47.3	1.862	20	**460.2-1510-045A1-XM**	GC34	20.00	.787	142	5.591	139.7	5.500	79	3.110	2.3	.091	COROMANT
15.50	.610	20.00	.787	44.80	1.763	90°	49.3	1.941	20	**460.2-1550-047A1-XM**	GC34	20.00	.787	142	5.591	139.7	5.500	81	3.189	2.3	.091	COROMANT
15.60	.614	20.00	.787	44.80	1.763	90°	49.3	1.941	20	**460.2-1560-047A1-XM**	GC34	20.00	.787	142	5.591	139.7	5.500	81	3.189	2.3	.091	COROMANT
15.70	.618	20.00	.787	44.90	1.767	90°	49.3	1.941	20	**460.2-1570-047A1-XM**	GC34	20.00	.787	142	5.591	139.7	5.500	81	3.189	2.3	.091	COROMANT
16.50	.650	20.00	.787	48.30	1.901	90°	52.5	2.067	20	**460.2-1650-050A1-XM**	GC34	20.00	.787	142	5.591	139.5	5.492	84	3.307	2.5	.098	COROMANT
17.50	.689	20.00	.787	51.80	2.039	90°	55.6	2.189	20	**460.2-1750-053A1-XM**	GC34	20.00	.787	142	5.591	139.4	5.488	87	3.425	2.6	.102	COROMANT

E8 E45 E36 E50



Roscado

	Métrico	Métrica fina	UNC	UNF	G	Métrico	Métrica fina
							
CoroTap™	200	200	200	200	200	300	300
Gama de machos	M2 - M30	M4 - M30	No.2-1", No.4-1"	No.8-1", No.4-1"	No.1/8-1"	M2 - M64	M4 - M30
Área de aplicación ISO	P M K N S	P M K N S	P M K N S	P M K N S	P M K N S	P M K N S	P M K N S
Agujero pasante o ciego							
THCHT	B 3.5-5	B 3.5-5	B 3.5-5	B 3.5-5	B 3.5-5	C 2-3, E 1.5-2	C 2-3, E 1.5-2
TCTR	6H, 6G	6H	2B, 3BX	2B, 3BX	NORMAL	6H,6G	6H
ULDR	2.5-3.0 xD	2.5 xD	2.5 xD	2.5 xD	2.5 xD	2.5-3.0 xD	2.5 xD
BSG	DIN 371 DIN 376 DIN 371/ANSI	DIN 374 DIN 374/ANSI	DIN 2184-1 DIN 2184-1/ANSI	DIN 2184-1 DIN 2184-1/ANSI	DIN 5156	DIN 371 DIN 376 DIN 371/ANSI DIN 376/ANSI	DIN 374 DIN 374/ANSI
Refrigerante interior	✗	✗	✗	✗	✗	✗	✗
Refrigerante exterior	✓	✓	✓	✓	✓	✓	✓
Página	C4-C6	C7-C9	C10-C11	C12-C13	C14	C16-C18	C19-C21

	UNC	UNF	G
			
CoroTap™	300	300	300
Gama de machos	No.4-1", No.2-1"	No.4-1", No.8 - 1"	1/8-1.1/2
Área de aplicación ISO	P M K N S	P M K N S	P M K N S
Agujero pasante o ciego			
THCHT	C 2-3, E 1.5-2	C 2-3, E 1.5-2	C 2-3
TCTR	2B, 3BX	2B, 3BX	NORMAL
ULDR	2.5 xD	2.5 xD	2.5 xD
BSG	DIN 2184-1 DIN 2184-1/ANSI	DIN 2184-1 DIN 2184-1/ANSI	DIN 5156
Refrigerante interior	✗	✗	✗
Refrigerante exterior	✓	✓	✓
Página	C22-C24	C25-C27	C28

CoroTap™ 200

Aplicaciones

- Solo para agujeros pasantes
- Disponible en varias formas y estándares de rosca
- Hasta 3xD dependiendo de los materiales

Área de aplicación ISO:

P M K N S

Ventajas y características

- Chaflán B (3.5-5 hilos) para una alta seguridad del proceso.
- El tratamiento del filo para reducir la fuerza axial y el par hace que la herramienta trabaje con más suavidad, reduce el riesgo de astillamiento del filo y mejora la calidad superficial, la vida útil de la herramienta y la formación de viruta.
- Machos de acero rápido pulvimetalúrgico que mejoran la tenacidad, la resistencia al desgaste y la vida útil de la herramienta.
- Hay varios recubrimientos y calidades disponibles.

- Machos con rectificado de entrada corregida
- Empuja la viruta hacia delante
- Para agujeros pasantes

C

Para soluciones personalizadas, vea la página E36

www.sandvik.coromant.com/corotap200

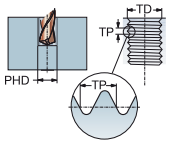
CoroChuck™ 970, consulte nuestros catálogo de herramientas rotativas.

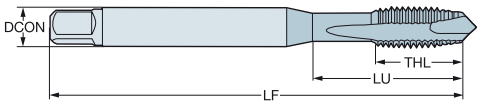
Macho de corte CoroTap™ 200 con entrada corregida

Forma de rosca: métrica

DIN 371, DIN 376

ULDR 2.5
SUBSTRATE HSS-PM





P M K N S

								Dimensiones, mm, pulg.					
TDZ	TP	LU	CZC_{MS}	THCHT	TCTR	Código de pedido	GRADE	DCON	TD	LF	THL	NOF	BSG
M 2	0.40	9.00	2.80 x 2.10	B	6H	T200-XM100DA-M2	C110, C150, C145	2.8	2.00	45.0	6.0	2	DIN 371
		.354						*.110*	*.079*	*1.772*	*.236*		
M 2.5	0.45	12.50	2.80 x 2.10	B	6H	T200-XM100DA-M2.5	C110, C150, C145	2.8	2.50	50.0	8.0	2	DIN 371
		.492						*.110*	*.098*	*1.969*	*.315*		
M 3	0.50	18.00	3.50 x 2.70	B	6H	T200-XM100DA-M3	C110, C150, C145	3.5	3.00	56.0	8.9	3	DIN 371
		.709						*.138*	*.118*	*2.205*	*.350*		
M 3.5	0.60	20.00	4.00 x 3.00	B	6H	T200-XM100DA-M3.5	C110, C150, C145	4.0	3.50	56.0	10.8	3	DIN 371
		.787						*.157*	*.138*	*2.205*	*.425*		
M 4	0.70	21.00	4.50 x 3.40	B	6H	T200-XM100DA-M4	C110, C150, C145	4.5	4.00	63.0	11.7	3	DIN 371
		.827						*.177*	*.157*	*2.480*	*.461*		
M 4.5	0.75	25.00	6.00 x 4.90	B	6H	T200-XM100DA-M4.5	C110, C150, C145	6.0	4.50	70.0	13.0	3	DIN 371
		.984						*.236*	*.177*	*2.756*	*.512*		
M 5	0.80	25.00	6.00 x 4.90	B	6H	T200-XM100DA-M5	C110, C150, C145	6.0	5.00	70.0	12.6	3	DIN 371
		.984						*.236*	*.197*	*2.756*	*.496*		
M 6	1.00	30.00	6.00 x 4.90	B	6H	T200-XM100DA-M6	C110, C150, C145	6.0	6.00	80.0	14.5	3	DIN 371
		1.181						*.236*	*.236*	*3.150*	*.571*		
M 7	1.00	30.00	7.00 x 5.50	B	6H	T200-XM100DA-M7	C110, C150, C145	7.0	7.00	80.0	14.5	3	DIN 371
		1.181						*.276*	*.276*	*3.150*	*.571*		
M 8	1.25	35.00	8.00 x 6.20	B	6H	T200-XM100DA-M8	C110, C150, C145	8.0	8.00	90.0	17.4	3	DIN 371
		1.378						*.315*	*.315*	*3.543*	*.685*		
M 10	1.50	39.00	10.00 x 8.00	B	6H	T200-XM100DA-M10	C110, C150, C145	10.0	10.00	100.0	19.2	3	DIN 371
		1.535						*.394*	*.394*	*3.937*	*.756*		
M 3	0.50	37.00	2.20 x 1.80	B	6H	T200-XM101DA-M3	C110, C150, C145	2.2	3.00	56.0	10.0	3	DIN 376
		1.457						*.087*	*.118*	*2.205*	*.394*		
M 4	0.70	43.00	2.80 x 2.10	B	6H	T200-XM101DA-M4	C110, C150, C145	2.8	4.00	63.0	11.9	3	DIN 376
		1.693						*.110*	*.157*	*2.480*	*.469*		
M 5	0.80	49.00	3.50 x 2.70	B	6H	T200-XM101DA-M5	C110, C150, C145	3.5	5.00	70.0	13.2	3	DIN 376
		1.929						*.138*	*.197*	*2.756*	*.520*		
M 6	1.00	59.00	4.50 x 3.40	B	6H	T200-XM101DA-M6	C110, C150, C145	4.5	6.00	80.0	15.1	3	DIN 376
		2.323						*.177*	*.236*	*3.150*	*.594*		
M 8	1.25	67.00	6.00 x 4.90	B	6H	T200-XM101DA-M8	C110, C150, C145	6.0	8.00	90.0	18.0	3	DIN 376
		2.638						*.236*	*.315*	*3.543*	*.709*		
M 10	1.50	77.00	7.00 x 5.50	B	6H	T200-XM101DA-M10	C110, C150, C145	7.0	10.00	100.0	20.0	3	DIN 376
		3.032						*.276*	*.394*	*3.937*	*.787*		
M 12	1.75	83.00	9.00 x 7.00	B	6H	T200-XM101DA-M12	C110, C150, C145	9.0	12.00	110.0	23.0	3	DIN 376
		3.268						*.354*	*.472*	*4.331*	*.906*		
M 14	2.00	81.00	11.00 x 9.00	B	6H	T200-XM101DA-M14	C110, C150, C145	11.0	14.00	110.0	25.0	3	DIN 376
		3.189						*.433*	*.551*	*4.331*	*.984*		
M 16	2.00	68.00	12.00 x 9.00	B	6H	T200-XM101DA-M16	C110, C150, C145	12.0	16.00	110.0	25.0	3	DIN 376
		2.677						*.472*	*.630*	*4.331*	*.984*		
M 18	2.50	81.00	14.00 x 11.00	B	6H	T200-XM101DA-M18	B110, B145, B150	14.0	18.00	125.0	30.0	4	DIN 376
		3.189						*.551*	*.709*	*4.921*	*1.181*		
M 20	2.50	95.00	16.00 x 12.00	B	6H	T200-XM101DA-M20	B110, B145, B150	16.0	20.00	140.0	30.0	4	DIN 376
		3.740						*.630*	*.787*	*5.512*	*1.181*		

E28 E41 E45 E36 E59 E38

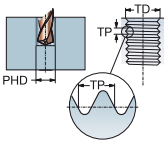
SPA

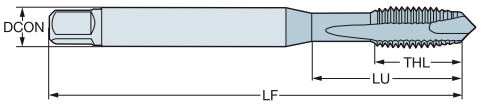
Macho de corte CoroTap™ 200 con entrada corregida

Forma de rosca: métrica

DIN 371, DIN 376

ULDR 2.5
SUBSTRATE HSS-PM





P M K N S

TDZ	TP	LU	CZC_{MS}	THCHT	TCTR	Código de pedido	GRADE	Dimensiones, mm, pulg. DCON	TD	LF	THL	NOF	BSG
M 22	2.50	93.00	18.00 x 14.50	B	6H	T200-XM101DA-M22	B110, B145, B150	18.0	22.00	140.0	34.0	4	DIN 376
		3.661						*.709*	*.866*	*5.512*	*1.339*		
M 24	3.00	113.00	18.00 x 14.50	B	6H	T200-XM101DA-M24	B110, B145, B150	18.0	24.00	160.0	38.0	4	DIN 376
		4.449						*.709*	*.945*	*6.299*	*1.496*		
M 27	3.00	97.00	20.00 x 16.00	B	6H	T200-XM101DA-M27	B110, B145, B150	20.0	27.00	160.0	38.0	4	DIN 376
		3.819						*.787*	*1.063*	*6.299*	*1.496*		
M 30	3.50	115.00	22.00 x 18.00	B	6H	T200-XM101DA-M30	B110, B145, B150	22.0	30.00	180.0	45.0	4	DIN 376
		4.528						*.866*	*1.181*	*7.087*	*1.772*		
M 3	0.50	18.00	3.50 x 2.70	B	6G	T200-XM104DA-M3	C110, C145, C150	3.5	3.00	56.0	8.9	3	DIN 371
		.709						*.138*	*.118*	*2.205*	*.350*		
M 4	0.70	21.00	4.50 x 3.40	B	6G	T200-XM104DA-M4	C110, C145, C150	4.5	4.00	63.0	12.0	3	DIN 371
		.827						*.177*	*.157*	*2.480*	*.472*		
M 5	0.80	25.00	6.00 x 4.90	B	6G	T200-XM104DA-M5	C110, C145, C150	6.0	5.00	70.0	13.0	3	DIN 371
		.984						*.236*	*.197*	*2.756*	*.512*		
M 6	1.00	30.00	6.00 x 4.90	B	6G	T200-XM104DA-M6	C110, C145, C150	6.0	6.00	80.0	15.0	3	DIN 371
		1.181						*.236*	*.236*	*3.150*	*.591*		
M 8	1.25	35.00	8.00 x 6.20	B	6G	T200-XM104DA-M8	C110, C145, C150	8.0	8.00	90.0	18.0	3	DIN 371
		1.378						*.315*	*.315*	*3.543*	*.709*		
M 10	1.50	39.00	10.00 x 8.00	B	6G	T200-XM104DA-M10	C110, C145, C150	10.0	10.00	100.0	20.0	3	DIN 371
		1.535						*.394*	*.394*	*3.937*	*.787*		
M 12	1.75	83.00	9.00 x 7.00	B	6G	T200-XM105DA-M12	C110, C145, C150	9.0	12.00	110.0	23.0	3	DIN 376
		3.268						*.354*	*.472*	*4.331*	*.906*		
M 16	2.00	68.00	12.00 x 9.00	B	6G	T200-XM105DA-M16	C110, C145, C150	12.0	16.00	110.0	25.0	3	DIN 376
		2.677						*.472*	*.630*	*4.331*	*.984*		
M 20	2.50	95.00	16.00 x 12.00	B	6G	T200-XM105DA-M20	B110, B145, B150	16.0	20.00	140.0	30.0	4	DIN 376
		3.740						*.630*	*.787*	*5.512*	*1.181*		

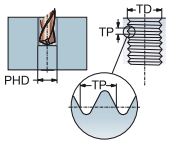
E28 E41 E45 E36 E59 E38

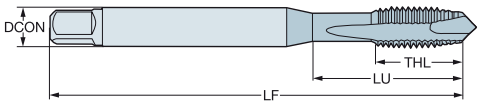
Macho de corte CoroTap™ 200 con entrada corregida

Forma de rosca: métrica

DIN 371/ANSI

ULDR 2.5
SUBSTRATE HSS-PM





P M K N S

TDZ	TP	LU	CZC_{MS}	THCHT	TCTR	Código de pedido	GRADE	Dimensiones, mm, pulg. DCON	TD	LF	THL	NOF	BSG
M 4	0.70	21.50	.168 x .131	B	6H	T200-XM100AA-M4	C110, C145, C150	4.3	4.00	63.0	13.6	3	DIN 371/ANSI
		.846						*.168*	*.157*	*2.480*	*.535*		
M 5	0.80	28.00	.194 x .152	B	6H	T200-XM100AA-M5	C110, C145, C150	4.9	5.00	70.0	14.6	3	DIN 371/ANSI
		1.102						*.194*	*.197*	*2.756*	*.575*		
M 6	1.00	25.00	.255 x .191	B	6H	T200-XM100AA-M6	C110, C145, C150	6.5	6.00	80.0	15.9	3	DIN 371/ANSI
		.984						*.255*	*.236*	*3.150*	*.626*		
M 8	1.25	34.00	.318 x .238	B	6H	T200-XM100AA-M8	C110, C145, C150	8.1	8.00	90.0	18.9	3	DIN 371/ANSI
		1.339						*.318*	*.315*	*3.543*	*.744*		
M 10	1.50	38.50	.381 x .286	B	6H	T200-XM100AA-M10	C110, C145, C150	9.7	10.00	100.0	21.0	3	DIN 371/ANSI
		1.516						*.381*	*.394*	*3.937*	*.827*		
M 12	1.75	81.82	.367 x .275	B	6H	T200-XM101AA-M12	C110, C145, C150	9.3	12.00	110.0	23.1	3	DIN 376/ANSI
		3.221						*.367*	*.472*	*4.331*	*.909*		
M 14	2.00	80.30	.429 x .322	B	6H	T200-XM101AA-M14	C110, C145, C150	10.9	14.00	110.0	23.1	3	DIN 376/ANSI
		3.161						*.429*	*.551*	*4.331*	*.909*		
M 16	2.00	65.78	.480 x .360	B	6H	T200-XM101AA-M16	C110, C145, C150	12.2	16.00	110.0	23.1	3	DIN 376/ANSI
		2.590						*.480*	*.630*	*4.331*	*.909*		
M 18	2.50	79.00	.542 x .406	B	6H	T200-XM101AA-M18	C110, C145, C150	13.8	18.00	125.0	30.0	4	DIN 376/ANSI
		3.110						*.542*	*.709*	*4.921*	*1.181*		
M 20	2.50	92.47	.652 x .489	B	6H	T200-XM101AA-M20	C110, C145, C150	16.6	20.00	140.0	30.0	4	DIN 376/ANSI
		3.641						*.652*	*.787*	*5.512*	*1.181*		

E28 E41 E45 E36 E59 E38

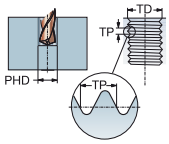
SPA

Macho de corte CoroTap™ 200 con entrada corregida

Forma de rosca: métrica fina

DIN 374

ULDR 2.5
SUBSTRATE HSS-PM



P M K N S

								Dimensiones, mm, pulg.					
TDZ	TP	LU	CZC_{MS}	THCHT	TCTR	Código de pedido	GRADE	DCON	TD	LF	THL	NOF	BSG
MF 4x0.5	0.50	43.00	2.80 x 2.10	B	6H	T200-XM100DB-M4X050	C110, C145, C150	2.8	4.00	63.0	11.9	3	DIN 374
		1.693						*.110*	*.157*	*2.480*	*.469*		
MF 5x0.5	0.50	49.00	3.50 x 2.70	B	6H	T200-XM100DB-M5X050	C110, C145, C150	3.5	5.00	70.0	13.2	3	DIN 374
		1.929						*.138*	*.197*	*2.756*	*.520*		
MF 6x0.75	0.75	59.00	4.50 x 3.40	B	6H	T200-XM100DB-M6X075	C110, C145, C150	4.5	6.00	80.0	15.1	3	DIN 374
		2.323						*.177*	*.236*	*3.150*	*.594*		
MF 8x0.75	0.75	57.00	6.00 x 4.90	B	6H	T200-XM100DB-M8X075	C110, C145, C150	6.0	8.00	80.0	14.9	3	DIN 374
		2.244						*.236*	*.315*	*3.150*	*.587*		
MF 8x1	1.00	67.00	6.00 x 4.90	B	6H	T200-XM100DB-M8X100	C110, C145, C150	6.0	8.00	90.0	18.0	3	DIN 374
		2.638						*.236*	*.315*	*3.543*	*.709*		
MF 10x0.75	0.75	67.00	7.00 x 5.50	B	6H	T200-XM100DB-M10X075	C110, C145, C150	7.0	10.00	90.0	17.6	3	DIN 374
		2.638						*.276*	*.394*	*3.543*	*.693*		
MF 10x1	1.00	67.00	7.00 x 5.50	B	6H	T200-XM100DB-M10X100	C110, C145, C150	7.0	10.00	90.0	17.6	3	DIN 374
		2.638						*.276*	*.394*	*3.543*	*.693*		
MF 10x1.25	1.25	77.00	7.00 x 5.50	B	6H	T200-XM100DB-M10X125	C110, C145, C150	7.0	10.00	100.0	19.8	3	DIN 374
		3.032						*.276*	*.394*	*3.937*	*.780*		
MF 12x1	1.00	73.00	9.00 x 7.00	B	6H	T200-XM100DB-M12X100	C110, C145, C150	9.0	12.00	100.0	21.0	3	DIN 374
		2.874						*.354*	*.472*	*3.937*	*.827*		
MF 12x1.25	1.25	73.00	9.00 x 7.00	B	6H	T200-XM100DB-M12X125	C110, C145, C150	9.0	12.00	100.0	21.0	3	DIN 374
		2.874						*.354*	*.472*	*3.937*	*.827*		
MF 12x1.5	1.50	73.00	9.00 x 7.00	B	6H	T200-XM100DB-M12X150	C110, C145, C150	9.0	12.00	100.0	21.0	3	DIN 374
		2.874						*.354*	*.472*	*3.937*	*.827*		
MF 14x1	1.00	71.00	11.00 x 9.00	B	6H	T200-XM100DB-M14X100	C110, C145, C150	11.0	14.00	100.0	21.0	3	DIN 374
		2.795						*.433*	*.551*	*3.937*	*.827*		
MF 14x1.25	1.25	71.00	11.00 x 9.00	B	6H	T200-XM100DB-M14X125	C110, C145, C150	11.0	14.00	100.0	21.0	3	DIN 374
		2.795						*.433*	*.551*	*3.937*	*.827*		
MF 14x1.5	1.50	71.00	11.00 x 9.00	B	6H	T200-XM100DB-M14X150	C110, C145, C150	11.0	14.00	100.0	21.0	3	DIN 374
		2.795						*.433*	*.551*	*3.937*	*.827*		
MF 16x1	1.00	58.00	12.00 x 9.00	B	6H	T200-XM100DB-M16X100	C110, C145, C150	12.0	16.00	100.0	21.0	3	DIN 374
		2.283						*.472*	*.630*	*3.937*	*.827*		
MF 16x1.5	1.50	58.00	12.00 x 9.00	B	6H	T200-XM100DB-M16X150	C110, C145, C150	12.0	16.00	100.0	21.0	3	DIN 374
		2.283						*.472*	*.630*	*3.937*	*.827*		
MF 18x1	1.00	66.00	14.00 x 11.00	B	6H	T200-XM100DB-M18X100	B110, B145, B150	14.0	18.00	110.0	24.0	4	DIN 374
		2.598						*.551*	*.709*	*4.331*	*.945*		
MF 18x1.5	1.50	66.00	14.00 x 11.00	B	6H	T200-XM100DB-M18X150	B110, B145, B150	14.0	18.00	110.0	24.0	4	DIN 374
		2.598						*.551*	*.709*	*4.331*	*.945*		
MF 20x1	1.00	80.00	16.00 x 12.00	B	6H	T200-XM100DB-M20X100	B110, B145, B150	16.0	20.00	125.0	24.0	4	DIN 374
		3.150						*.630*	*.787*	*4.921*	*.945*		
MF 20x1.5	1.50	80.00	16.00 x 12.00	B	6H	T200-XM100DB-M20X150	B110, B145, B150	16.0	20.00	125.0	24.0	4	DIN 374
		3.150						*.630*	*.787*	*4.921*	*.945*		
MF 22x1.5	1.50	78.00	18.00 x 14.50	B	6H	T200-XM100DB-M22X150	B110, B145, B150	18.0	22.00	125.0	25.0	4	DIN 374
		3.071						*.709*	*.866*	*4.921*	*.984*		
MF 24x1.5	1.50	93.00	18.00 x 14.50	B	6H	T200-XM100DB-M24X150	B110, B145, B150	18.0	24.00	140.0	28.0	4	DIN 374
		3.661						*.709*	*.945*	*5.512*	*1.102*		

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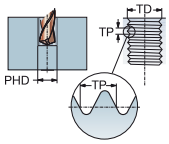
Macho de corte CoroTap™ 200 con entrada corregida

Forma de rosca: métrica fina

DIN 374

ULDR 2.5
SUBSTRATE HSS-PM



P M K N S

TDZ	TP	LU	CZC_{MS}	THCHT	TCTR	Código de pedido	GRADE	Dimensiones, mm, pulg. DCON	TD	LF	THL	NOF	BSG
MF 24x2	2.00	93.00	18.00 x 14.50	B	6H	T200-XM100DB-M24X200	B110, B145, B150	18.0	24.00	140.0	28.0	4	DIN 374
		3.661						*.709*	*.945*	*5.512*	*1.102*		
MF 25x1.5	1.50	93.00	18.00 x 14.50	B	6H	T200-XM100DB-M25X150	B110, B145, B150	18.0	25.00	140.0	28.0	4	DIN 374
		3.661						*.709*	*.984*	*5.512*	*1.102*		
MF 26x1.5	1.50	93.00	18.00 x 14.50	B	6H	T200-XM100DB-M26X150	B110, B145, B150	18.0	26.00	140.0	28.0	4	DIN 374
		3.661						*.709*	*1.024*	*5.512*	*1.102*		
MF 27x1.5	1.50	77.00	20.00 x 16.00	B	6H	T200-XM100DB-M27X150	B110, B145, B150	20.0	27.00	140.0	28.0	4	DIN 374
		3.032						*.787*	*1.063*	*5.512*	*1.102*		
MF 27x2	2.00	77.00	20.00 x 16.00	B	6H	T200-XM100DB-M27X200	B110, B145, B150	20.0	27.00	140.0	28.0	4	DIN 374
		3.032						*.787*	*1.063*	*5.512*	*1.102*		
MF 28x1.5	1.50	77.00	20.00 x 16.00	B	6H	T200-XM100DB-M28X150	B110, B145, B150	20.0	28.00	140.0	28.0	4	DIN 374
		3.032						*.787*	*1.102*	*5.512*	*1.102*		
MF 30x1.5	1.50	85.00	22.00 x 18.00	B	6H	T200-XM100DB-M30X150	B110, B145, B150	22.0	30.00	150.0	28.0	4	DIN 374
		3.346						*.866*	*1.181*	*5.906*	*1.102*		
MF 30x2	2.00	85.00	22.00 x 18.00	B	6H	T200-XM100DB-M30X200	B110, B145, B150	22.0	30.00	150.0	28.0	4	DIN 374
		3.346						*.866*	*1.181*	*5.906*	*1.102*		

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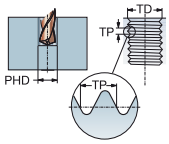
SPA

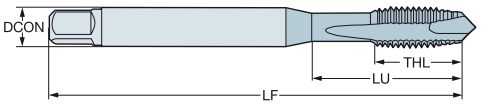
Macho de corte CoroTap™ 200 con entrada corregida

Forma de rosca: métrica fina

DIN 374/ANSI

ULDR 2.5
SUBSTRATE HSS-PM





P M K N S

TDZ	TP	LU	CZC_{MS}	THCHT	TCTR	Código de pedido	GRADE	Dimensiones, mm, pulg. DCON	TD	LF	THL	NOF	BSG
MF 8x1	1.00	34.00	.318 x .238	B	6H	T200-XM100AB-M8X100	C110, C145, C150	8.1	8.00	90.0	18.7	3	DIN 374/ANSI
		1.339						*.318*	*.315*	*3.543*	*.736*		
MF 10x1	1.00	37.50	.381 x .286	B	6H	T200-XM100AB-M10X100	C110, C145, C150	9.7	10.00	90.0	18.0	3	DIN 374/ANSI
		1.476						*.381*	*.394*	*3.543*	*.709*		
MF 14x1.5	1.50	70.30	.429 x .322	B	6H	T200-XM101AB-M14X150	C110, C145, C150	10.9	14.00	100.0	21.1	3	DIN 374/ANSI
		2.768						*.429*	*.551*	*3.937*	*.831*		
MF 18x1.5	1.50	64.00	.542 x .406	B	6H	T200-XM101AB-M18X150	C110, C145, C150	13.8	18.00	110.0	23.9	4	DIN 374/ANSI
		2.520						*.542*	*.709*	*4.331*	*.941*		

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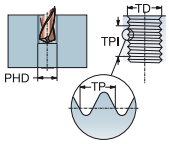
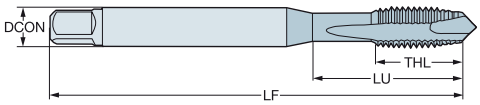
Macho de corte CoroTap™ 200 con entrada corregida

Forma de rosca: UNC

DIN 2184-1

ULDR 2.5
SUBSTRATE HSS-PM





P M K N S

TDZ	TPI	LU	CZC_{MS}	THCHT	TCTR	Código de pedido	GRADE	Dimensiones, mm, pulg. DCON	TD	LF	THL	NOF	BSG
UNC #4-40	40.00	18.00	3.50 x 2.70	B	2B	T200-XM100DE-4-40	C110, C145, C150	3.5	2.84	56.0	8.5	3	DIN 2184-1
		.709						*.138*	*.112*	*2.205*	*.335*		
UNC #5-40	40.00	18.00	3.50 x 2.70	B	2B	T200-XM100DE-5-40	C110, C145, C150	3.5	3.18	56.0	9.5	3	DIN 2184-1
		.709						*.138*	*.125*	*2.205*	*.374*		
UNC #6-32	32.00	20.00	4.00 x 3.00	B	2B	T200-XM100DE-6-32	C110, C145, C150	4.0	3.51	56.0	10.4	3	DIN 2184-1
		.787						*.157*	*.138*	*2.205*	*.409*		
UNC #8-32	32.00	21.00	4.50 x 3.40	B	2B	T200-XM100DE-8-32	C110, C145, C150	4.5	4.17	63.0	11.4	3	DIN 2184-1
		.827						*.177*	*.164*	*2.480*	*.449*		
UNC #10-24	24.00	25.00	6.00 x 4.90	B	2B	T200-XM100DE-10-24	C110, C145, C150	6.0	4.83	70.0	13.0	3	DIN 2184-1
		.984						*.236*	*.190*	*2.756*	*.512*		
UNC #12-24	24.00	30.00	6.00 x 4.90	B	2B	T200-XM100DE-12-24	C110, C145, C150	6.0	5.49	80.0	15.0	3	DIN 2184-1
		1.181						*.236*	*.216*	*3.150*	*.591*		
UNC 1/4-20	20.00	30.00	7.00 x 5.50	B	2B	T200-XM100DE-1/4	C110, C145, C150	7.0	6.35	80.0	14.1	3	DIN 2184-1
		1.181						*.276*	*.250*	*3.150*	*.555*		
UNC 5/16-18	18.00	35.00	8.00 x 6.20	B	2B	T200-XM100DE-5/16	C110, C145, C150	8.0	7.94	90.0	17.4	3	DIN 2184-1
		1.378						*.315*	*.313*	*3.543*	*.685*		
UNC 3/8-16	16.00	39.00	10.00 x 8.00	B	2B	T200-XM100DE-3/8	C110, C145, C150	10.0	9.53	100.0	18.9	3	DIN 2184-1
		1.535						*.394*	*.375*	*3.937*	*.744*		
UNC 7/16-14	14.00	76.00	8.00 x 6.20	B	2B	T200-XM101DE-7/16	C110, C145, C150	8.0	11.11	100.0	20.0	3	DIN 2184-1
		2.992						*.315*	*.438*	*3.937*	*.787*		
UNC 1/2-13	13.00	83.00	9.00 x 7.00	B	2B	T200-XM101DE-1/2	C110, C145, C150	9.0	12.70	110.0	23.0	3	DIN 2184-1
		3.268						*.354*	*.500*	*4.331*	*.906*		
UNC 5/8-11	11.00	68.00	12.00 x 9.00	B	2B	T200-XM101DE-5/8	C110, C145, C150	12.0	15.88	110.0	25.0	3	DIN 2184-1
		2.677						*.472*	*.625*	*4.331*	*.984*		
UNC 3/4-10	10.00	81.00	14.00 x 11.00	B	2B	T200-XM101DE-3/4	B110, B145, B150	14.0	19.05	125.0	30.0	4	DIN 2184-1
		3.189						*.551*	*.750*	*4.921*	*1.181*		
UNC 7/8-9	9.00	93.00	18.00 x 14.50	B	2B	T200-XM101DE-7/8	B110, B145, B150	18.0	22.23	140.0	34.0	4	DIN 2184-1
		3.661						*.709*	*.875*	*5.512*	*1.339*		
UNC 1"-8	8.00	113.00	18.00 x 14.50	B	2B	T200-XM101DE-1	B110, B145, B150	18.0	25.40	160.0	38.0	4	DIN 2184-1
		4.449						*.709*	*1.000*	*6.299*	*1.496*		

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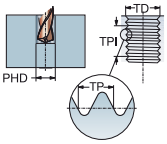
SANDVIK Coromant

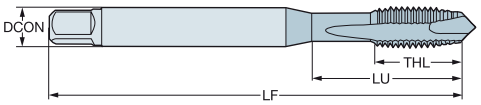
Macho de corte CoroTap™ 200 con entrada corregida

Forma de rosca: UNC

DIN 2184-1/ANSI

ULDR 2.5
SUBSTRATE HSS-PM





P M K N S

								Dimensiones, mm, pulg.					
TDZ	TPI	LU	CZC_{MS}	THCHT	TCTR	Código de pedido	GRADE	DCON	TD	LF	THL	NOF	BSG
UNC #2-56	56.00	11.99	.141 x .110	B	3BX	T200-XM100AE-2-56	C110, C145, C150	3.6	2.18	45.0	7.0	2	DIN 2184-1/ANSI
		.472						*.141*	*.086*	*1.772*	*.276*		
UNC #4-40	40.00	17.00	.141 x .110	B	3BX	T200-XM100AE-4-40	C110, C145, C150	3.6	2.84	56.0	9.5	3	DIN 2184-1/ANSI
		.669						*.141*	*.112*	*2.205*	*.374*		
UNC #5-40	40.00	17.50	.141 x .110	B	3BX	T200-XM100AE-5-40	C110, C145, C150	3.6	3.51	56.0	8.9	3	DIN 2184-1/ANSI
		.689						*.141*	*.138*	*2.205*	*.350*		
UNC #6-32	32.00	20.50	.141 x .110	B	3BX	T200-XM100AE-6-32	C110, C145, C150	3.6	3.51	56.0	11.6	3	DIN 2184-1/ANSI
		.807						*.141*	*.138*	*2.205*	*.457*		
UNC #8-32	32.00	21.50	.168 x .131	B	3BX	T200-XM100AE-8-32	C110, C145, C150	4.3	4.17	63.0	13.6	3	DIN 2184-1/ANSI
		.846						*.168*	*.164*	*2.480*	*.535*		
UNC #10-24	24.00	28.00	.194 x .152	B	3BX	T200-XM100AE-10-24	C110, C145, C150	4.9	4.83	70.0	14.8	3	DIN 2184-1/ANSI
		1.102						*.194*	*.190*	*2.756*	*.583*		
UNC #12-24	24.00	29.00	.220 x .165	B	3BX	T200-XM100AE-12-24	C110, C145, C150	5.6	5.49	80.0	14.0	3	DIN 2184-1/ANSI
		1.142						*.220*	*.216*	*3.150*	*.551*		
UNC 1/4-20	20.00	25.00	.255 x .191	B	3BX	T200-XM100AE-1/4	C110, C145, C150	6.5	6.35	80.0	15.9	3	DIN 2184-1/ANSI
		.984						*.255*	*.250*	*3.150*	*.626*		
UNC 5/16-18	18.00	34.00	.318 x .238	B	3BX	T200-XM100AE-5/16	C110, C145, C150	8.1	7.94	90.0	19.0	3	DIN 2184-1/ANSI
		1.339						*.318*	*.313*	*3.543*	*.748*		
UNC 3/8-16	16.00	38.50	.381 x .286	B	3BX	T200-XM100AE-3/8	C110, C145, C150	9.7	9.53	100.0	21.3	3	DIN 2184-1/ANSI
		1.516						*.381*	*.375*	*3.937*	*.839*		
UNC 7/16-14	14.00	72.59	.323 x .242	B	3BX	T200-XM101AE-7/16	C110, C145, C150	8.2	11.11	100.0	20.1	3	DIN 2184-1/ANSI
		2.858						*.323*	*.438*	*3.937*	*.791*		
UNC 1/2-13	13.00	81.82	.367 x .275	B	3BX	T200-XM101AE-1/2	C110, C145, C150	9.3	12.70	110.0	23.1	3	DIN 2184-1/ANSI
		3.221						*.367*	*.500*	*4.331*	*.909*		
UNC 9/16-12	12.00	80.30	.429 x .322	B	3BX	T200-XM101AE-9/16	C110, C145, C150	10.9	14.29	110.0	23.1	3	DIN 2184-1/ANSI
		3.161						*.429*	*.563*	*4.331*	*.909*		
UNC 5/8-11	11.00	65.78	.480 x .360	B	3BX	T200-XM101AE-5/8	C110, C145, C150	12.2	15.88	110.0	23.1	3	DIN 2184-1/ANSI
		2.590						*.480*	*.625*	*4.331*	*.909*		
UNC 3/4-10	10.00	77.47	.590 x .442	B	3BX	T200-XM101AE-3/4	C110, C145, C150	15.0	19.05	125.0	30.0	4	DIN 2184-1/ANSI
		3.050						*.590*	*.750*	*4.921*	*1.181*		
UNC 7/8-9	9.00	90.95	.697 x .523	B	3BX	T200-XM101AE-7/8	C110, C145, C150	17.7	22.23	140.0	34.0	4	DIN 2184-1/ANSI
		3.581						*.697*	*.875*	*5.512*	*1.339*		
UNC 1"-8	8.00	95.43	.800 x .600	B	3BX	T200-XM101AE-1	C110, C145, C150	20.3	25.40	160.0	36.1	4	DIN 2184-1/ANSI
		3.757						*.800*	*1.000*	*6.299*	*1.421*		

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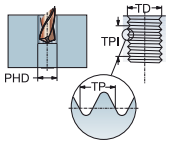
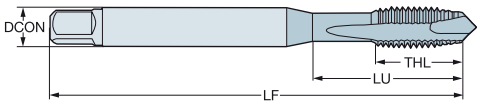
Macho de corte CoroTap™ 200 con entrada corregida

Forma de rosca: UNF

DIN 2184-1

ULDR 2.5
SUBSTRATE HSS-PM





P M K N S

TDZ	TPI	LU	CZC_{MS}	THCHT	TCTR	Código de pedido	GRADE	Dimensiones, mm, pulg. DCON	TD	LF	THL	NOF	BSG
UNF #8-36	36.00	21.00	4.50 x 3.40	B	2B	T200-XM100DF-8-36	C110, C145, C150	4.5	4.17	63.0	11.4	3	DIN 2184-1
		.827						*.177*	*.164*	*2.480*	*.449*		
UNF #10-32	32.00	25.00	6.00 x 4.90	B	2B	T200-XM100DF-10-32	C110, C145, C150	6.0	4.83	70.0	12.2	3	DIN 2184-1
		.984						*.236*	*.190*	*2.756*	*.480*		
UNF 1/4-28	28.00	30.00	7.00 x 5.50	B	2B	T200-XM100DF-1/4	C110, C145, C150	7.0	6.35	80.0	14.1	3	DIN 2184-1
		1.181						*.276*	*.250*	*3.150*	*.555*		
UNF 5/16-24	24.00	35.00	8.00 x 6.20	B	2B	T200-XM100DF-5/16	C110, C145, C150	8.0	7.94	90.0	17.4	3	DIN 2184-1
		1.378						*.315*	*.313*	*3.543*	*.685*		
UNF 3/8-24	24.00	39.00	10.00 x 8.00	B	2B	T200-XM100DF-3/8	C110, C145, C150	10.0	9.53	100.0	18.9	3	DIN 2184-1
		1.535						*.394*	*.375*	*3.937*	*.744*		
UNF 7/16-20	20.00	76.00	8.00 x 6.20	B	2B	T200-XM101DF-7/16	C110, C145, C150	8.0	11.11	100.0	20.0	3	DIN 2184-1
		2.992						*.315*	*.438*	*3.937*	*.787*		
UNF 1/2-20	20.00	83.00	9.00 x 7.00	B	2B	T200-XM101DF-1/2	C110, C145, C150	9.0	12.70	110.0	23.0	3	DIN 2184-1
		3.268						*.354*	*.500*	*4.331*	*.906*		
UNF 5/8-18	18.00	68.00	12.00 x 9.00	B	2B	T200-XM101DF-5/8	C110, C145, C150	12.0	15.88	110.0	25.0	3	DIN 2184-1
		2.677						*.472*	*.625*	*4.331*	*.984*		
UNF 3/4-16	16.00	81.00	14.00 x 11.00	B	2B	T200-XM101DF-3/4	B110, B145, B150	14.0	19.05	125.0	30.0	4	DIN 2184-1
		3.189						*.551*	*.750*	*4.921*	*1.181*		
UNF 7/8-14	14.00	93.00	18.00 x 14.50	B	2B	T200-XM101DF-7/8	B110, B145, B150	18.0	22.23	140.0	34.0	4	DIN 2184-1
		3.661						*.709*	*.875*	*5.512*	*1.339*		
UNF 1"-12	12.00	113.00	18.00 x 14.50	B	2B	T200-XM101DF-1	B110, B145, B150	18.0	25.40	160.0	38.0	4	DIN 2184-1
		4.449						*.709*	*1.000*	*6.299*	*1.496*		

E28 E41 E45 E36 E59 E38

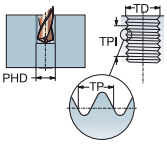
SPA

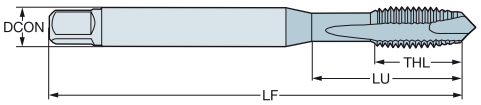
Macho de corte CoroTap™ 200 con entrada corregida

Forma de rosca: UNF

DIN 2184-1/ANSI

ULDR 2.5
SUBSTRATE HSS-PM





P M K N S

								Dimensiones, mm, pulg.					
TDZ	TPI	LU	CZC_{MS}	THCHT	TCTR	Código de pedido	GRADE	DCON	TD	LF	THL	NOF	BSG
UNF #4-48	48.00	17.00	.141 x .110	B	3BX	T200-XM100AF-4-48	C110, C145, C150	3.6	2.84	56.0	9.4	3	DIN 2184-1/ANSI
		.669						*.141*	*.112*	*2.205*	*.370*		
UNF #6-40	40.00	20.50	.141 x .110	B	3BX	T200-XM100AF-6-40	C110, C145, C150	3.6	3.51	56.0	11.5	3	DIN 2184-1/ANSI
		.807						*.141*	*.138*	*2.205*	*.453*		
UNF #8-36	36.00	21.50	.168 x .131	B	3BX	T200-XM100AF-8-36	C110, C145, C150	4.3	4.17	63.0	13.5	3	DIN 2184-1/ANSI
		.846						*.168*	*.164*	*2.480*	*.531*		
UNF #10-32	32.00	28.00	.194 x .152	B	3BX	T200-XM100AF-10-32	C110, C145, C150	4.9	4.83	70.0	14.7	3	DIN 2184-1/ANSI
		1.102						*.194*	*.190*	*2.756*	*.579*		
UNF #12-28	28.00	29.00	.220 x .165	B	3BX	T200-XM100AF-12-28	C110, C145, C150	5.6	5.49	80.0	14.0	3	DIN 2184-1/ANSI
		1.142						*.220*	*.216*	*3.150*	*.551*		
UNF 1/4-28	28.00	25.00	.255 x .191	B	3BX	T200-XM100AF-1/4	C110, C145, C150	6.5	6.35	80.0	15.7	3	DIN 2184-1/ANSI
		.984						*.255*	*.250*	*3.150*	*.618*		
UNF 5/16-24	24.00	34.00	.318 x .238	B	3BX	T200-XM100AF-5/16	C110, C145, C150	8.1	7.94	90.0	18.8	3	DIN 2184-1/ANSI
		1.339						*.318*	*.313*	*3.543*	*.740*		
UNF 3/8-24	24.00	37.50	.381 x .286	B	3BX	T200-XM100AF-3/8	C110, C145, C150	9.7	9.53	90.0	20.1	3	DIN 2184-1/ANSI
		1.476						*.381*	*.375*	*3.543*	*.791*		
UNF 7/16-20	20.00	72.59	.323 x .242	B	3BX	T200-XM101AF-7/16	C110, C145, C150	8.2	11.11	100.0	20.1	3	DIN 2184-1/ANSI
		2.858						*.323*	*.438*	*3.937*	*.791*		
UNF 1/2-20	20.00	71.82	.367 x .275	B	3BX	T200-XM101AF-1/2	C110, C145, C150	9.3	12.70	100.0	21.1	3	DIN 2184-1/ANSI
		2.828						*.367*	*.500*	*3.937*	*.831*		
UNF 9/16-18	18.00	70.30	.429 x .322	B	3BX	T200-XM101AF-9/16	C110, C145, C150	10.9	14.29	100.0	21.1	3	DIN 2184-1/ANSI
		2.768						*.429*	*.563*	*3.937*	*.831*		
UNF 5/8-18	18.00	55.78	.480 x .360	B	3BX	T200-XM101AF-5/8	C110, C145, C150	12.2	15.88	100.0	21.1	3	DIN 2184-1/ANSI
		2.196						*.480*	*.625*	*3.937*	*.831*		
UNF 3/4-16	16.00	62.47	.590 x .442	B	3BX	T200-XM101AF-3/4	C110, C145, C150	15.0	19.05	110.0	23.9	4	DIN 2184-1/ANSI
		2.459						*.590*	*.750*	*4.331*	*.941*		
UNF 7/8-14	14.00	75.95	.697 x .523	B	3BX	T200-XM101AF-7/8	C110, C145, C150	17.7	22.23	125.0	23.9	4	DIN 2184-1/ANSI
		2.990						*.697*	*.875*	*4.921*	*.941*		
UNF 1"-12	12.00	75.43	.800 x .600	B	3BX	T200-XM101AF-1-12	C110, C145, C150	20.3	25.40	140.0	26.9	4	DIN 2184-1/ANSI
		2.970						*.800*	*1.000*	*5.512*	*1.059*		

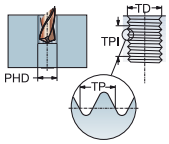
E28 E41 E45 E36 E59 E38

Macho de corte CoroTap™ 200 con entrada corregida

Forma de rosca: G

DIN 5156

ULDR 2.5
SUBSTRATE HSS-PM



P M K N S

								Dimensiones, mm, pulg.					
TDZ	TPI	LU	CZC_{MS}	THCHT	TCTR	**Código de pedido**	GRADE	DCON	TD	LF	THL	NOF	BSG
G 1/8-28	28.00	67.00	7.00 x 5.50	B	NORMAL	T200-XM100DK-1/8	C110, C145, C150	7.0	9.73	90.0	18.0	3	DIN 5156
		2.638						*.276*	*.383*	*3.543*	*.709*		
G 1/4-19	19.00	71.00	11.00 x 9.00	B	NORMAL	T200-XM100DK-1/4	C110, C145, C150	11.0	13.16	100.0	21.0	3	DIN 5156
		2.795						*.433*	*.518*	*3.937*	*.827*		
G 3/8-19	19.00	58.00	12.00 x 9.00	B	NORMAL	T200-XM100DK-3/8	C110, C145, C150	12.0	16.66	100.0	21.0	4	DIN 5156
		2.283						*.472*	*.656*	*3.937*	*.827*		
G 1/2-14	14.00	80.00	16.00 x 12.00	B	NORMAL	T200-XM100DK-1/2	B110, B145, B150	16.0	20.96	125.0	24.0	4	DIN 5156
		3.150						*.630*	*.825*	*4.921*	*.945*		
G 5/8-14	14.00	78.00	18.00 x 14.50	B	NORMAL	T200-XM100DK-5/8	B110, B145, B150	18.0	22.91	125.0	24.0	4	DIN 5156
		3.071						*.709*	*.902*	*4.921*	*.945*		
G 3/4-14	14.00	77.00	20.00 x 16.00	B	NORMAL	T200-XM100DK-3/4	B110, B145, B150	20.0	26.44	140.0	28.0	4	DIN 5156
		3.032						*.787*	*1.041*	*5.512*	*1.102*		
G 7/8-14	14.00	85.00	22.00 x 18.00	B	NORMAL	T200-XM100DK-7/8	B110, B145, B150	22.0	30.20	150.0	28.0	4	DIN 5156
		3.346						*.866*	*1.189*	*5.906*	*1.102*		
G 1"-11	11.00	93.00	25.00 x 20.00	B	NORMAL	T200-XM100DK-1	B110, B145, B150	25.0	33.25	160.0	30.0	4	DIN 5156
		3.661						*.984*	*1.309*	*6.299*	*1.181*		

E28 E41 E45 E36 E59 E38

CoroTap™ 300

Aplicaciones

- Adecuados para agujeros ciegos
- Disponibles en varias formas y estándares de rosca
- Profundidades de hasta 3 × diámetro

Área de aplicación ISO:

P M K N S

Ventajas y características

- El diseño del canal helicoidal garantiza la constancia del ángulo de desprendimiento y del proceso de mecanizado.
- El chaflán posterior, utilizado en machos de roscar con ángulo helicoidal grande, reduce el par y el astillamiento.
- Los machos de gran ángulo helicoidal ofrecen una excelente evacuación de la viruta y posibilidad de roscar hasta 3 × diámetro en agujeros ciegos.
- Los machos con bajo ángulo helicoidal que ofrecen filos resistentes, son adecuados para roscar materiales tenaces y generan viruta corta en agujeros ciegos.
- Machos de acero rápido pulvimetalúrgico que mejoran la tenacidad, la resistencia al desgaste y la vida útil de la herramienta.
- Machos de metal duro que ofrecen una vida útil de la herramienta prolongada y una productividad elevada.

- Machos con rectificado de canal helicoidal
- El canal helicoidal extrae la viruta del agujero
- Mejor opción para agujeros ciegos
- Canal helicoidal de distinto ángulo para diferentes aplicaciones
- El canal se emplea tanto para el refrigerante como para la evacuación de viruta
- Diferentes profundidades de rosca debido a la aplicación y a la geometría

C

Para soluciones personalizadas, vea la página E36

www.sandvik.coromant.com/corotap300

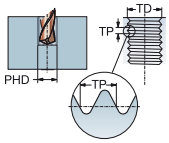
CoroChuck™ 970, consulte nuestros catálogo de herramientas rotativas.

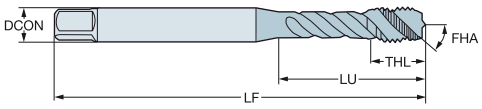
Macho de corte CoroTap™ 300 con canal helicoidal

Forma de rosca: métrica

DIN 371, DIN 376

ULDR 2.5
FHA 45°
SUBSTRATE HSS-PM





P M K N S

TDZ	TP	LU	CZC_{MS}	THCHT	TCTR	Código de pedido	GRADE	Dimensiones, mm, pulg. DCON	TD	LF	THL	NOF	BSG
M 2	0.40	9.00	2.80 x 2.10	C	6H	T300-XM100DA-M2	C110, C145, C150	2.8	2.00	45.0	4.0	3	DIN 371
		.354						*.110*	*.079*	*1.772*	*.157*		
M 2.5	0.45	12.50	2.80 x 2.10	C	6H	T300-XM100DA-M2.5	C110, C145, C150	2.8	2.50	50.0	4.0	3	DIN 371
		.492						*.110*	*.098*	*1.969*	*.157*		
M 3	0.50	18.00	3.50 x 2.70	C	6H	T300-XM100DA-M3	C110, C145, C150	3.5	3.00	56.0	5.9	3	DIN 371
		.709						*.138*	*.118*	*2.205*	*.232*		
M 3.5	0.60	20.00	4.00 x 3.00	C	6H	T300-XM100DA-M3.5	C110, C145, C150	4.0	3.50	56.0	6.3	3	DIN 371
		.787						*.157*	*.138*	*2.205*	*.248*		
M 4	0.70	21.00	4.50 x 3.40	C	6H	T300-XM100DA-M4	C110, C145, C150	4.5	4.00	63.0	6.7	3	DIN 371
		.827						*.177*	*.157*	*2.480*	*.264*		
M 5	0.80	21.00	6.00 x 4.90	C	6H	T300-XM100DA-M5	C110, C145, C150	6.0	5.00	70.0	7.7	3	DIN 371
		.827						*.236*	*.197*	*2.756*	*.303*		
M 6	1.00	31.00	6.00 x 4.90	C	6H	T300-XM100DA-M6	C110, C145, C150	6.0	6.00	80.0	10.0	3	DIN 371
		1.220						*.236*	*.236*	*3.150*	*.394*		
M 7	1.00	31.00	7.00 x 5.50	C	6H	T300-XM100DA-M7	C110, C145, C150	7.0	7.00	80.0	10.0	3	DIN 371
		1.220						*.276*	*.276*	*3.150*	*.394*		
M 8	1.25	35.00	8.00 x 6.20	C	6H	T300-XM100DA-M8	C110, C145, C150	8.0	8.00	90.0	11.6	3	DIN 371
		1.378						*.315*	*.315*	*3.543*	*.457*		
M 10	1.50	39.00	10.00 x 8.00	C	6H	T300-XM100DA-M10	C110, C145, C150	10.0	10.00	100.0	15.1	3	DIN 371
		1.535						*.394*	*.394*	*3.937*	*.594*		
M 6	1.00	59.00	4.50 x 3.40	C	6H	T300-XM101DA-M6	C110, C145, C150	4.5	6.00	80.0	10.0	3	DIN 376
		2.323						*.177*	*.236*	*3.150*	*.394*		
M 8	1.25	67.00	6.00 x 4.90	C	6H	T300-XM101DA-M8	C110, C145, C150	6.0	8.00	90.0	12.0	3	DIN 376
		2.638						*.236*	*.315*	*3.543*	*.472*		
M 10	1.50	77.00	7.00 x 5.50	C	6H	T300-XM101DA-M10	C110, C145, C150	7.0	10.00	100.0	15.0	3	DIN 376
		3.032						*.276*	*.394*	*3.937*	*.591*		
M 12	1.75	83.00	9.00 x 7.00	C	6H	T300-XM101DA-M12	C110, C145, C150	9.0	12.00	110.0	16.0	3	DIN 376
		3.268						*.354*	*.472*	*4.331*	*.630*		
M 14	2.00	81.00	11.00 x 9.00	C	6H	T300-XM101DA-M14	C110, C145, C150	11.0	14.00	110.0	20.0	3	DIN 376
		3.189						*.433*	*.551*	*4.331*	*.787*		
M 16	2.00	68.00	12.00 x 9.00	C	6H	T300-XM101DA-M16	C110, C145, C150	12.0	16.00	110.0	20.0	4	DIN 376
		2.677						*.472*	*.630*	*4.331*	*.787*		
M 18	2.50	81.00	14.00 x 11.00	C	6H	T300-XM101DA-M18	B110, B145, B150	14.0	18.00	125.0	25.0	4	DIN 376
		3.189						*.551*	*.709*	*4.921*	*.984*		
M 20	2.50	95.00	16.00 x 12.00	C	6H	T300-XM101DA-M20	B110, B145, B150	16.0	20.00	140.0	25.0	4	DIN 376
		3.740						*.630*	*.787*	*5.512*	*.984*		
M 22	2.50	93.00	18.00 x 14.50	C	6H	T300-XM101DA-M22	B110, B145, B150	18.0	22.00	140.0	25.0	4	DIN 376
		3.661						*.709*	*.866*	*5.512*	*.984*		
M 24	3.00	113.00	18.00 x 14.50	C	6H	T300-XM101DA-M24	B110, B145, B150	18.0	24.00	160.0	30.0	4	DIN 376
		4.449						*.709*	*.945*	*6.299*	*1.181*		
M 27	3.00	97.00	20.00 x 16.00	C	6H	T300-XM101DA-M27	B110, B145, B150	20.0	27.00	160.0	30.0	4	DIN 376
		3.819						*.787*	*1.063*	*6.299*	*1.181*		
M 30	3.50	115.00	22.00 x 18.00	C	6H	T300-XM101DA-M30	B110, B145, B150	22.0	30.00	180.0	36.0	4	DIN 376
		4.528						*.866*	*1.181*	*7.087*	*1.417*		
M 33	3.50	113.00	25.00 x 20.00	C	6H	T300-XM101DA-M33	B110, B145, B150	25.0	33.00	180.0	36.0	4	DIN 376
		4.449						*.984*	*1.299*	*7.087*	*1.417*		
M 36	4.00	131.00	28.00 x 22.00	C	6H	T300-XM101DA-M36	B110, B145, B150	28.0	36.00	200.0	40.0	4	DIN 376
		5.157						*1.102*	*1.417*	*7.874*	*1.575*		
M 39	4.00	102.00	32.00 x 24.00	C	6H	T300-XM101DA-M39	B145, B150	32.0	39.00	200.0	40.0	4	DIN 376
		4.016						*1.260*	*1.535*	*7.874*	*1.575*		

E30 E41 E45 E36 E59 E38

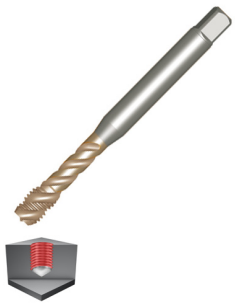
SANDVIK Coromant

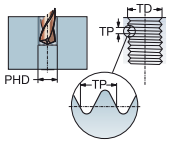
Macho de corte CoroTap™ 300 con canal helicoidal

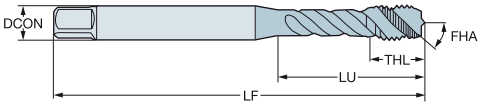
Forma de rosca: métrica

DIN 371, DIN 376

ULDR 2.5
FHA 45°
SUBSTRATE HSS-PM







P M K N S

								Dimensiones, mm, pulg.					
TDZ	TP	LU	CZC_{MS}	THCHT	TCTR	Código de pedido	GRADE	DCON	TD	LF	THL	NOF	BSG
M 42	4.50	102.00	32.00 x 24.00	C	6H	T300-XM101DA-M42	B145, B150	32.0	42.00	200.0	45.0	4	DIN 376
		4.016						*1.260*	*1.654*	*7.874*	*1.772*		
M 48	5.00	147.00	36.00 x 29.00	C	6H	T300-XM101DA-M48	B145, B150	36.0	48.00	250.0	50.0	4	DIN 376
		5.787						*1.417*	*1.890*	*9.843*	*1.969*		
M 52	5.00	120.00	40.00 x 32.00	C	6H	T300-XM101DA-M52	B145, B150	40.0	52.00	250.0	50.0	5	DIN 376
		4.724						*1.575*	*2.047*	*9.843*	*1.969*		
M 56	5.50	120.00	40.00 x 32.00	C	6H	T300-XM101DA-M56	B145, B150	40.0	56.00	250.0	55.0	5	DIN 376
		4.724						*1.575*	*2.205*	*9.843*	*2.165*		
M 64	6.00	178.00	50.00 x 39.00	C	6H	T300-XM101DA-M64	B145, B150	50.0	64.00	315.0	60.0	6	DIN 376
		7.008						*1.969*	*2.520*	*12.402*	*2.362*		
M 3	0.50	18.00	3.50 x 2.70	E	6H	T300-XM102DA-M3	C110, C145, C150	3.5	3.00	56.0	5.9	3	DIN 371
		.709						*.138*	*.118*	*2.205*	*.232*		
M 4	0.70	21.00	4.50 x 3.40	E	6H	T300-XM102DA-M4	C110, C145, C150	4.5	4.00	63.0	6.7	3	DIN 371
		.827						*.177*	*.157*	*2.480*	*.264*		
M 5	0.80	21.00	6.00 x 4.90	E	6H	T300-XM102DA-M5	C110, C145, C150	6.0	5.00	70.0	7.7	3	DIN 371
		.827						*.236*	*.197*	*2.756*	*.303*		
M 6	1.00	31.00	6.00 x 4.90	E	6H	T300-XM102DA-M6	C110, C145, C150	6.0	6.00	80.0	10.0	3	DIN 371
		1.220						*.236*	*.236*	*3.150*	*.394*		
M 8	1.25	35.00	8.00 x 6.20	E	6H	T300-XM102DA-M8	C110, C145, C150	8.0	8.00	90.0	11.6	3	DIN 371
		1.378						*.315*	*.315*	*3.543*	*.457*		
M 10	1.50	39.00	10.00 x 8.00	E	6H	T300-XM102DA-M10	C110, C145, C150	10.0	10.00	100.0	15.1	3	DIN 371
		1.535						*.394*	*.394*	*3.937*	*.594*		
M 12	1.75	83.00	9.00 x 7.00	E	6H	T300-XM103DA-M12	C110, C145, C150	9.0	12.00	110.0	16.0	3	DIN 376
		3.268						*.354*	*.472*	*4.331*	*.630*		
M 14	2.00	81.00	11.00 x 9.00	E	6H	T300-XM103DA-M14	C110, C145, C150	11.0	14.00	110.0	20.0	3	DIN 376
		3.189						*.433*	*.551*	*4.331*	*.787*		
M 16	2.00	68.00	12.00 x 9.00	E	6H	T300-XM103DA-M16	C110, C145, C150	12.0	16.00	110.0	20.0	4	DIN 376
		2.677						*.472*	*.630*	*4.331*	*.787*		
M 20	2.50	95.00	16.00 x 12.00	E	6H	T300-XM103DA-M20	B110, B145, B150	16.0	20.00	140.0	25.0	4	DIN 376
		3.740						*.630*	*.787*	*5.512*	*.984*		
M 3	0.50	18.00	3.50 x 2.70	C	6G	T300-XM104DA-M3	C110, C145, C150	3.5	3.00	56.0	5.9	3	DIN 371
		.709						*.138*	*.118*	*2.205*	*.232*		
M 4	0.70	21.00	4.50 x 3.40	C	6G	T300-XM104DA-M4	C110, C145, C150	4.5	4.00	63.0	6.7	3	DIN 371
		.827						*.177*	*.157*	*2.480*	*.264*		
M 5	0.80	25.00	6.00 x 4.90	C	6G	T300-XM104DA-M5	C110, C145, C150	6.0	5.00	70.0	7.7	3	DIN 371
		.984						*.236*	*.197*	*2.756*	*.303*		
M 6	1.00	31.00	6.00 x 4.90	C	6G	T300-XM104DA-M6	C110, C145, C150	6.0	6.00	80.0	10.0	3	DIN 371
		1.220						*.236*	*.236*	*3.150*	*.394*		
M 8	1.25	35.00	8.00 x 6.20	C	6G	T300-XM104DA-M8	C110, C145, C150	8.0	8.00	90.0	12.0	3	DIN 371
		1.378						*.315*	*.315*	*3.543*	*.472*		
M 10	1.50	39.00	10.00 x 8.00	C	6G	T300-XM104DA-M10	C110, C145, C150	10.0	10.00	100.0	15.1	3	DIN 371
		1.535						*.394*	*.394*	*3.937*	*.594*		
M 12	1.75	83.00	9.00 x 7.00	C	6G	T300-XM105DA-M12	C110, C145, C150	9.0	12.00	110.0	16.0	3	DIN 376
		3.268						*.354*	*.472*	*4.331*	*.630*		
M 14	2.00	81.00	11.00 x 9.00	C	6G	T300-XM105DA-M14	C110, C145, C150	11.0	14.00	110.0	20.0	3	DIN 376
		3.189						*.433*	*.551*	*4.331*	*.787*		
M 16	2.00	68.00	12.00 x 9.00	C	6G	T300-XM105DA-M16	C110, C145, C150	12.0	16.00	110.0	20.0	4	DIN 376
		2.677						*.472*	*.630*	*4.331*	*.787*		
M 20	2.50	95.00	16.00 x 12.00	C	6G	T300-XM105DA-M20	B110, B145, B150	16.0	20.00	140.0	25.0	4	DIN 376
		3.740						*.630*	*.787*	*5.512*	*.984*		

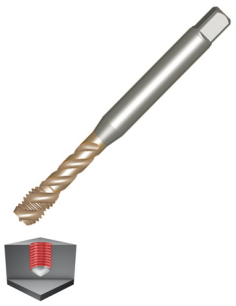
E30 E41 E45 E36 E59 E38

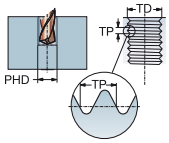
Macho de corte CoroTap™ 300 con canal helicoidal

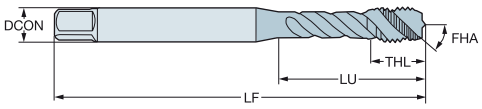
Forma de rosca: métrica

DIN 371/ANSI, DIN 376/ANSI

ULDR 2.5
FHA 45°
SUBSTRATE HSS-PM







P M K N S

TDZ	TP	LU	CZC_{MS}	THCHT	TCTR	Código de pedido	GRADE	Dimensiones, mm, pulg. DCON	TD	LF	THL	NOF	BSG
M 4	0.70	21.50	.194 x .152	C	6H	T300-XM100AA-M4	C110, C145, C150	4.9	4.00	63.0	8.4	3	DIN 371/ANSI
		.846						*.194*	*.157*	*2.480*	*.331*		
M 5	0.80	28.00	.194 x .152	C	6H	T300-XM100AA-M5	C110, C145, C150	4.9	5.00	70.0	8.6	3	DIN 371/ANSI
		1.102						*.194*	*.197*	*2.756*	*.339*		
M 6	1.00	25.50	.255 x .191	C	6H	T300-XM100AA-M6	C110, C145, C150	6.5	6.00	80.0	11.4	3	DIN 371/ANSI
		1.004						*.255*	*.236*	*3.150*	*.449*		
M 8	1.25	33.50	.318 x .238	C	6H	T300-XM100AA-M8	C110, C145, C150	8.1	8.00	90.0	12.9	3	DIN 371/ANSI
		1.319						*.318*	*.315*	*3.543*	*.508*		
M 10	1.50	38.50	.381 x .286	C	6H	T300-XM100AA-M10	C110, C145, C150	9.7	10.00	100.0	16.1	3	DIN 371/ANSI
		1.516						*.381*	*.394*	*3.937*	*.634*		
M 12	1.75	81.82	.367 x .275	C	6H	T300-XM101AA-M12	C110, C145, C150	9.3	12.00	110.0	18.0	3	DIN 376/ANSI
		3.221						*.367*	*.472*	*4.331*	*.709*		
M 14	2.00	80.30	.429 x .322	C	6H	T300-XM101AA-M14	C110, C145, C150	10.9	14.00	110.0	20.1	3	DIN 376/ANSI
		3.161						*.429*	*.551*	*4.331*	*.791*		
M 16	2.00	65.78	.480 x .360	C	6H	T300-XM101AA-M16	C110, C145, C150	12.2	16.00	110.0	20.1	4	DIN 376/ANSI
		2.590						*.480*	*.630*	*4.331*	*.791*		
M 18	2.50	79.00	.542 x .406	C	6H	T300-XM101AA-M18	C110, C145, C150	13.8	18.00	125.0	24.9	4	DIN 376/ANSI
		3.110						*.542*	*.709*	*4.921*	*.980*		
M 20	2.50	92.47	.652 x .489	C	6H	T300-XM101AA-M20	C110, C145, C150	16.6	20.00	140.0	24.9	4	DIN 376/ANSI
		3.641						*.652*	*.787*	*5.512*	*.980*		
M 4	0.70	21.50	.168 x .131	E	6H	T300-XM102AA-M4	C110, C145, C150	4.3	4.00	63.0	8.4	3	DIN 371/ANSI
		.846						*.168*	*.157*	*2.480*	*.331*		
M 5	0.80	28.00	.194 x .152	E	6H	T300-XM102AA-M5	C110, C145, C150	4.9	5.00	70.0	8.6	3	DIN 371/ANSI
		1.102						*.194*	*.197*	*2.756*	*.339*		
M 6	1.00	25.50	.255 x .191	E	6H	T300-XM102AA-M6	C110, C145, C150	6.5	6.00	80.0	11.4	3	DIN 371/ANSI
		1.004						*.255*	*.236*	*3.150*	*.449*		
M 8	1.25	33.50	.318 x .238	E	6H	T300-XM102AA-M8	C110, C145, C150	8.1	8.00	90.0	12.9	3	DIN 371/ANSI
		1.319						*.318*	*.315*	*3.543*	*.508*		
M 10	1.50	38.50	.381 x .286	E	6H	T300-XM102AA-M10	C110, C145, C150	9.7	10.00	100.0	16.1	3	DIN 371/ANSI
		1.516						*.381*	*.394*	*3.937*	*.634*		
M 12	1.75	81.82	.367 x .275	E	6H	T300-XM103AA-M12	C110, C145, C150	9.3	12.00	110.0	18.0	3	DIN 376/ANSI
		3.221						*.367*	*.472*	*4.331*	*.709*		
M 14	2.00	80.30	.429 x .322	E	6H	T300-XM103AA-M14	C110, C145, C150	10.9	14.00	110.0	20.1	3	DIN 376/ANSI
		3.161						*.429*	*.551*	*4.331*	*.791*		
M 16	2.00	65.78	.480 x .360	E	6H	T300-XM103AA-M16	C110, C145, C150	12.2	16.00	110.0	20.1	4	DIN 376/ANSI
		2.590						*.480*	*.630*	*4.331*	*.791*		
M 18	2.50	79.00	.542 x .406	E	6H	T300-XM103AA-M18	C110, C145, C150	13.8	18.00	125.0	24.9	4	DIN 376/ANSI
		3.110						*.542*	*.709*	*4.921*	*.980*		
M 20	2.50	92.47	.652 x .489	E	6H	T300-XM103AA-M20	C110, C145, C150	16.6	20.00	140.0	24.9	4	DIN 376/ANSI
		3.641						*.652*	*.787*	*5.512*	*.980*		

E30 E41 E45 E36 E59 E38

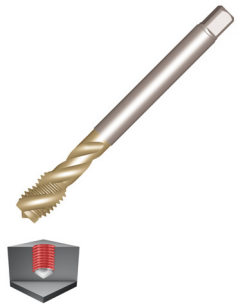
SPA

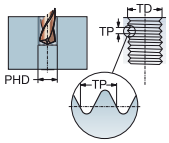
Macho de corte CoroTap™ 300 con canal helicoidal

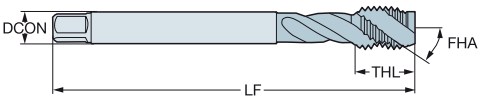
Forma de rosca: métrica fina

DIN 374

ULDR 2.5
FHA 45°
SUBSTRATE HSS-PM







P M K N S

								Dimensiones, mm, pulg.					
TDZ	TP	LU	CZC_{MS}	THCHT	TCTR	Código de pedido	GRADE	DCON	TD	LF	THL	NOF	BSG
MF 4x0.5	0.50	43.00	2.80 x 2.10	C	6H	T300-XM100DB-M4X050	C110, C145, C150	2.8	4.00	63.0	6.8	3	DIN 374
		1.693						*.110*	*.157*	*2.480*	*.268*		
MF 5x0.5	0.50	49.00	3.50 x 2.70	C	6H	T300-XM100DB-M5X050	C110, C145, C150	3.5	5.00	70.0	8.2	3	DIN 374
		1.929						*.138*	*.197*	*2.756*	*.323*		
MF 6x0.75	0.75	59.00	4.50 x 3.40	C	6H	T300-XM100DB-M6X075	C110, C145, C150	4.5	6.00	80.0	10.0	3	DIN 374
		2.323						*.177*	*.236*	*3.150*	*.394*		
MF 8x0.75	0.75	57.00	6.00 x 4.90	C	6H	T300-XM100DB-M8X075	C110, C145, C150	6.0	8.00	80.0	13.0	3	DIN 374
		2.244						*.236*	*.315*	*3.150*	*.512*		
MF 8x1	1.00	67.00	6.00 x 4.90	C	6H	T300-XM100DB-M8X100	C110, C145, C150	6.0	8.00	90.0	13.0	3	DIN 374
		2.638						*.236*	*.315*	*3.543*	*.512*		
MF 10x0.75	0.75	67.00	7.00 x 5.50	C	6H	T300-XM100DB-M10X075	C110, C145, C150	7.0	10.00	90.0	13.0	3	DIN 374
		2.638						*.276*	*.394*	*3.543*	*.512*		
MF 10x1	1.00	67.00	7.00 x 5.50	C	6H	T300-XM100DB-M10X100	C110, C145, C150	7.0	10.00	90.0	13.0	3	DIN 374
		2.638						*.276*	*.394*	*3.543*	*.512*		
MF 10x1.25	1.25	77.00	7.00 x 5.50	C	6H	T300-XM100DB-M10X125	C110, C145, C150	7.0	10.00	100.0	15.0	3	DIN 374
		3.032						*.276*	*.394*	*3.937*	*.591*		
MF 12x1	1.00	73.00	9.00 x 7.00	C	6H	T300-XM100DB-M12X100	C110, C145, C150	9.0	12.00	100.0	15.0	3	DIN 374
		2.874						*.354*	*.472*	*3.937*	*.591*		
MF 12x1.25	1.25	73.00	9.00 x 7.00	C	6H	T300-XM100DB-M12X125	C110, C145, C150	9.0	12.00	100.0	15.0	3	DIN 374
		2.874						*.354*	*.472*	*3.937*	*.591*		
MF 12x1.5	1.50	73.00	9.00 x 7.00	C	6H	T300-XM100DB-M12X150	C110, C145, C150	9.0	12.00	100.0	15.0	3	DIN 374
		2.874						*.354*	*.472*	*3.937*	*.591*		
MF 14x1	1.00	71.00	11.00 x 9.00	C	6H	T300-XM100DB-M14X100	C110, C145, C150	11.0	14.00	100.0	15.0	3	DIN 374
		2.795						*.433*	*.551*	*3.937*	*.591*		
MF 14x1.25	1.25	71.00	11.00 x 9.00	C	6H	T300-XM100DB-M14X125	C110, C145, C150	11.0	14.00	100.0	15.0	3	DIN 374
		2.795						*.433*	*.551*	*3.937*	*.591*		
MF 14x1.5	1.50	71.00	11.00 x 9.00	C	6H	T300-XM100DB-M14X150	C110, C145, C150	11.0	14.00	100.0	15.0	3	DIN 374
		2.795						*.433*	*.551*	*3.937*	*.591*		
MF 16x1	1.00	58.00	12.00 x 9.00	C	6H	T300-XM100DB-M16X100	C110, C145, C150	12.0	16.00	100.0	15.0	4	DIN 374
		2.283						*.472*	*.630*	*3.937*	*.591*		
MF 16x1.5	1.50	58.00	12.00 x 9.00	C	6H	T300-XM100DB-M16X150	C110, C145, C150	12.0	16.00	100.0	15.0	4	DIN 374
		2.283						*.472*	*.630*	*3.937*	*.591*		
MF 18x1	1.00	66.00	14.00 x 11.00	C	6H	T300-XM100DB-M18X100	B110, B145, B150	14.0	18.00	110.0	17.0	4	DIN 374
		2.598						*.551*	*.709*	*4.331*	*.669*		
MF 18x1.5	1.50	66.00	14.00 x 11.00	C	6H	T300-XM100DB-M18X150	B110, B145, B150	14.0	18.00	110.0	17.0	4	DIN 374
		2.598						*.551*	*.709*	*4.331*	*.669*		
MF 20x1	1.00	80.00	16.00 x 12.00	C	6H	T300-XM100DB-M20X100	B110, B145, B150	16.0	20.00	125.0	17.0	4	DIN 374
		3.150						*.630*	*.787*	*4.921*	*.669*		
MF 20x1.5	1.50	80.00	16.00 x 12.00	C	6H	T300-XM100DB-M20X150	B110, B145, B150	16.0	20.00	125.0	17.0	4	DIN 374
		3.150						*.630*	*.787*	*4.921*	*.669*		
MF 22x1.5	1.50	78.00	18.00 x 14.50	C	6H	T300-XM100DB-M22X150	B110, B145, B150	18.0	22.00	125.0	17.0	4	DIN 374
		3.071						*.709*	*.866*	*4.921*	*.669*		
MF 24x1.5	1.50	93.00	18.00 x 14.50	C	6H	T300-XM100DB-M24X150	B110, B145, B150	18.0	24.00	140.0	20.0	4	DIN 374
		3.661						*.709*	*.945*	*5.512*	*.787*		

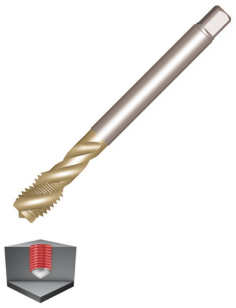
E30 E41 E45 E36 E59 E38

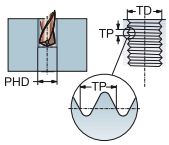
Macho de corte CoroTap™ 300 con canal helicoidal

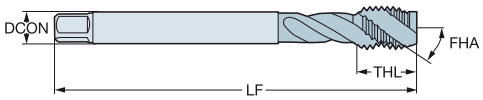
Forma de rosca: métrica fina

DIN 374

ULDR 2.5
FHA 45°
SUBSTRATE HSS-PM







P M K N S

TDZ	TP	LU	CZC_{MS}	THCHT	TCTR	Código de pedido	GRADE	Dimensiones, mm, pulg. DCON	TD	LF	THL	NOF	BSG
MF 24x2	2.00	93.00	18.00 x 14.50	C	6H	T300-XM100DB-M24X200	B110, B145, B150	18.0	24.00	140.0	20.0	4	DIN 374
		3.661						*.709*	*.945*	*5.512*	*.787*		
MF 25x1.5	1.50	93.00	18.00 x 14.50	C	6H	T300-XM100DB-M25X150	B110, B145, B150	18.0	25.00	140.0	20.0	4	DIN 374
		3.661						*.709*	*.984*	*5.512*	*.787*		
MF 26x1.5	1.50	93.00	18.00 x 14.50	C	6H	T300-XM100DB-M26X150	B110, B145, B150	18.0	26.00	140.0	20.0	4	DIN 374
		3.661						*.709*	*1.024*	*5.512*	*.787*		
MF 27x1.5	1.50	77.00	20.00 x 16.00	C	6H	T300-XM100DB-M27X150	B110, B145, B150	20.0	27.00	140.0	20.0	4	DIN 374
		3.032						*.787*	*1.063*	*5.512*	*.787*		
MF 27x2	2.00	77.00	20.00 x 16.00	C	6H	T300-XM100DB-M27X200	B110, B145, B150	20.0	27.00	140.0	20.0	4	DIN 374
		3.032						*.787*	*1.063*	*5.512*	*.787*		
MF 28x1.5	1.50	77.00	20.00 x 16.00	C	6H	T300-XM100DB-M28X150	B110, B145, B150	20.0	28.00	140.0	20.0	4	DIN 374
		3.032						*.787*	*1.102*	*5.512*	*.787*		
MF 30x1.5	1.50	85.00	22.00 x 18.00	C	6H	T300-XM100DB-M30X150	B110, B145, B150	22.0	30.00	150.0	20.0	4	DIN 374
		3.346						*.866*	*1.181*	*5.906*	*.787*		
MF 30x2	2.00	85.00	22.00 x 18.00	C	6H	T300-XM100DB-M30X200	B110, B145, B150	22.0	30.00	150.0	20.0	4	DIN 374
		3.346						*.866*	*1.181*	*5.906*	*.787*		

E30 E41 E45 E36 E59 E38

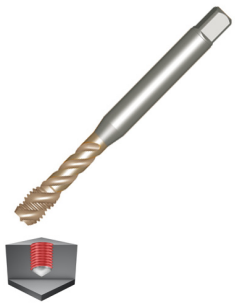
SPA

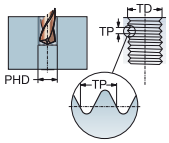
Macho de corte CoroTap™ 300 con canal helicoidal

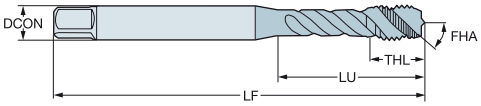
Forma de rosca: métrica fina

DIN 374/ANSI

ULDR 2.5
FHA 45°
SUBSTRATE HSS-PM







P M K N S

								Dimensiones, mm, pulg.					
TDZ	TP	LU	CZC_{MS}	THCHT	TCTR	**Código de pedido**	GRADE	DCON	TD	LF	THL	NOF	BSG
MF 8x1	1.00	33.50	.318 x .238	C	6H	**T300-XM100AB-M8X100**	C110, C145, C150	8.1	8.00	90.0	12.8	3	DIN 374/ANSI
		1.319						*.318*	*.315*	*3.543*	*.504*		
MF 10x1	1.00	37.50	.381 x .286	C	6H	**T300-XM100AB-M10X100**	C110, C145, C150	9.7	10.00	90.0	13.0	3	DIN 374/ANSI
		1.476						*.381*	*.394*	*3.543*	*.512*		
MF 14x1.5	1.50	70.30	.429 x .322	C	6H	**T300-XM101AB-M14X150**	C110, C145, C150	10.9	14.00	100.0	15.0	3	DIN 374/ANSI
		2.768						*.429*	*.551*	*3.937*	*.591*		
MF 18x1.5	1.50	64.00	.542 x .406	C	6H	**T300-XM101AB-M18X150**	C110, C145, C150	13.8	18.00	110.0	17.0	4	DIN 374/ANSI
		2.520						*.542*	*.709*	*4.331*	*.669*		
MF 8x1	1.00	33.50	.318 x .238	E	6H	**T300-XM102AB-M8X100**	C110, C145, C150	8.1	8.00	90.0	12.8	3	DIN 374/ANSI
		1.319						*.318*	*.315*	*3.543*	*.504*		
MF 10x1	1.00	37.50	.381 x .286	E	6H	**T300-XM102AB-M10X100**	C110, C145, C150	9.7	10.00	90.0	13.0	3	DIN 374/ANSI
		1.476						*.381*	*.394*	*3.543*	*.512*		
MF 14x1.5	1.50	70.30	.429 x .322	E	6H	**T300-XM103AB-M14X150**	C110, C145, C150	10.9	14.00	100.0	15.0	3	DIN 374/ANSI
		2.768						*.429*	*.551*	*3.937*	*.591*		
MF 18x1.5	1.50	64.00	.542 x .406	E	6H	**T300-XM103AB-M18X150**	C110, C145, C150	13.8	18.00	110.0	17.0	4	DIN 374/ANSI
		2.520						*.542*	*.709*	*4.331*	*.669*		

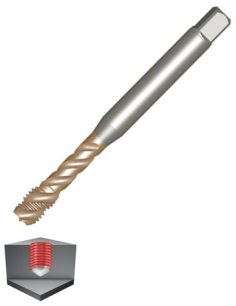
E30 E41 E45 E36 E59 E38

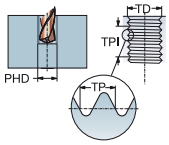
Macho de corte CoroTap™ 300 con canal helicoidal

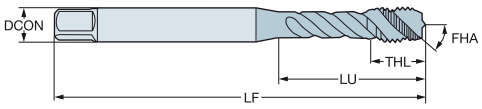
Forma de rosca: UNC

DIN 2184-1

ULDR 2.5
FHA 45°
SUBSTRATE HSS-PM







P M K N S

									Dimensiones, mm, pulg.					
TDZ	TPI	LU	CZC_{MS}	THCHT	TCTR	**Código de pedido**	GRADE	DCON	TD	LF	THL	NOF	BSG
UNC #4-40	40.00	18.00	3.50 x 2.70	C	2B	T300-XM100DE-4-40	C110, C145, C150	3.5	2.84	56.0	5.6	3	DIN 2184-1
		.709						*.138*	*.112*	*2.205*	*.220*		
UNC #5-40	40.00	18.00	3.50 x 2.70	C	2B	T300-XM100DE-5-40	C110, C145, C150	3.5	3.18	56.0	5.6	3	DIN 2184-1
		.709						*.138*	*.125*	*2.205*	*.220*		
UNC #6-32	32.00	20.00	4.00 x 3.00	C	2B	T300-XM100DE-6-32	C110, C145, C150	4.0	3.51	56.0	6.5	3	DIN 2184-1
		.787						*.157*	*.138*	*2.205*	*.256*		
UNC #8-32	32.00	21.00	4.50 x 3.40	C	2B	T300-XM100DE-8-32	C110, C145, C150	4.5	4.17	63.0	6.5	3	DIN 2184-1
		.827						*.177*	*.164*	*2.480*	*.256*		
UNC #10-24	24.00	25.00	6.00 x 4.90	C	2B	T300-XM100DE-10-24	C110, C145, C150	6.0	4.83	70.0	8.0	3	DIN 2184-1
		.984						*.236*	*.190*	*2.756*	*.315*		
UNC #12-24	24.00	30.00	6.00 x 4.90	C	2B	T300-XM100DE-12-24	C110, C145, C150	6.0	5.49	80.0	10.0	3	DIN 2184-1
		1.181						*.236*	*.216*	*3.150*	*.394*		
UNC 1/4-20	20.00	30.00	7.00 x 5.50	C	2B	T300-XM100DE-1/4	C110, C145, C150	7.0	6.35	80.0	10.0	3	DIN 2184-1
		1.181						*.276*	*.250*	*3.150*	*.394*		
UNC 5/16-18	18.00	35.00	8.00 x 6.20	C	2B	T300-XM100DE-5/16	C110, C145, C150	8.0	7.94	90.0	12.0	3	DIN 2184-1
		1.378						*.315*	*.313*	*3.543*	*.472*		
UNC 3/8-16	16.00	39.00	10.00 x 8.00	C	2B	T300-XM100DE-3/8	C110, C145, C150	10.0	9.53	100.0	15.0	3	DIN 2184-1
		1.535						*.394*	*.375*	*3.937*	*.591*		
UNC 7/16-14	14.00	75.75	8.00 x 6.20	C	2B	T300-XM101DE-7/16	C110, C145, C150	8.0	11.11	100.0	15.0	3	DIN 2184-1
		2.982						*.315*	*.438*	*3.937*	*.591*		
UNC 1/2-13	13.00	82.75	9.00 x 7.00	C	2B	T300-XM101DE-1/2	C110, C145, C150	9.0	12.70	110.0	18.0	3	DIN 2184-1
		3.258						*.354*	*.500*	*4.331*	*.709*		
UNC 5/8-11	11.00	67.75	12.00 x 9.00	C	2B	T300-XM101DE-5/8	C110, C145, C150	12.0	15.88	110.0	20.0	4	DIN 2184-1
		2.667						*.472*	*.625*	*4.331*	*.787*		
UNC 3/4-10	10.00	80.75	14.00 x 11.00	C	2B	T300-XM101DE-3/4	B110, B145, B150	14.0	19.05	125.0	25.0	4	DIN 2184-1
		3.179						*.551*	*.750*	*4.921*	*.984*		
UNC 7/8-9	9.00	92.75	18.00 x 14.50	C	2B	T300-XM101DE-7/8	B110, B145, B150	18.0	22.23	140.0	25.0	4	DIN 2184-1
		3.652						*.709*	*.875*	*5.512*	*.984*		
UNC 1"-8	8.00	112.75	18.00 x 14.50	C	2B	T300-XM101DE-1	B110, B145, B150	18.0	25.40	160.0	30.0	4	DIN 2184-1
		4.439						*.709*	*1.000*	*6.299*	*1.181*		

E30 E41 E45 E36 E59 E38

SANDVIK Coromant

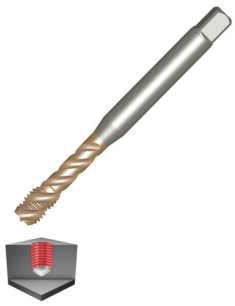
SPA

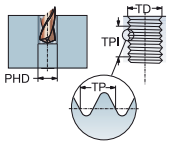
Macho de corte CoroTap™ 300 con canal helicoidal

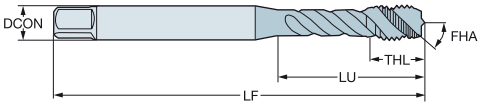
Forma de rosca: UNC

DIN 2184-1/ANSI

ULDR 2.5
FHA 45°
SUBSTRATE HSS-PM







P M K N S

TDZ	TPI	LU	CZC_{MS}	THCHT	TCTR	Código de pedido	GRADE	Dimensiones, mm, pulg. DCON	TD	LF	THL	NOF	BSG
UNC #2-56	56.00	11.99	.141 x .110	C	3BX	T300-XM100AE-2-56	C110, C145, C150	3.6	2.18	45.0	4.0	3	DIN 2184-1/ANSI
		.472						*.141*	*.086*	*1.772*	*.157*		
UNC #4-40	40.00	17.50	.141 x .110	C	3BX	T300-XM100AE-4-40	C110, C145, C150	3.6	2.84	56.0	7.1	3	DIN 2184-1/ANSI
		.689						*.141*	*.112*	*2.205*	*.280*		
UNC #5-40	40.00	17.50	.141 x .110	C	3BX	T300-XM100AE-5-40	C110, C145, C150	3.6	3.18	56.0	6.6	3	DIN 2184-1/ANSI
		.689						*.141*	*.125*	*2.205*	*.260*		
UNC #6-32	32.00	20.50	.141 x .110	C	3BX	T300-XM100AE-6-32	C110, C145, C150	3.6	3.51	56.0	7.2	3	DIN 2184-1/ANSI
		.807						*.141*	*.138*	*2.205*	*.283*		
UNC #8-32	32.00	21.50	.168 x .131	C	3BX	T300-XM100AE-8-32	C110, C145, C150	4.3	4.17	63.0	7.7	3	DIN 2184-1/ANSI
		.846						*.168*	*.164*	*2.480*	*.303*		
UNC #10-24	24.00	28.00	.194 x .152	C	3BX	T300-XM100AE-10-24	C110, C145, C150	4.9	4.83	70.0	9.1	3	DIN 2184-1/ANSI
		1.102						*.194*	*.190*	*2.756*	*.358*		
UNC #12-24	24.00	25.50	.220 x .165	C	3BX	T300-XM100AE-12-24	C110, C145, C150	5.6	5.49	80.0	9.9	3	DIN 2184-1/ANSI
		1.004						*.220*	*.216*	*3.150*	*.390*		
UNC 1/4-20	20.00	25.00	.255 x .191	C	3BX	T300-XM100AE-1/4	C110, C145, C150	6.5	6.35	80.0	11.0	3	DIN 2184-1/ANSI
		.984						*.255*	*.250*	*3.150*	*.433*		
UNC 5/16-18	18.00	34.00	.318 x .238	C	3BX	T300-XM100AE-5/16	C110, C145, C150	8.1	7.94	90.0	13.1	3	DIN 2184-1/ANSI
		1.339						*.318*	*.313*	*3.543*	*.516*		
UNC 3/8-16	16.00	39.00	.381 x .286	C	3BX	T300-XM100AE-3/8	C110, C145, C150	9.7	9.53	100.0	16.8	3	DIN 2184-1/ANSI
		1.535						*.381*	*.375*	*3.937*	*.661*		
UNC 7/16-14	14.00	72.59	.323 x .242	C	3BX	T300-XM101AE-7/16	C110, C145, C150	8.2	11.11	100.0	15.0	3	DIN 2184-1/ANSI
		2.858						*.323*	*.438*	*3.937*	*.591*		
UNC 1/2-13	13.00	81.82	.367 x .275	C	3BX	T300-XM101AE-1/2	C110, C145, C150	9.3	12.70	110.0	18.0	3	DIN 2184-1/ANSI
		3.221						*.367*	*.500*	*4.331*	*.709*		
UNC 9/16-12	12.00	80.30	.429 x .322	C	3BX	T300-XM101AE-9/16	C110, C145, C150	10.9	14.29	110.0	20.1	3	DIN 2184-1/ANSI
		3.161						*.429*	*.563*	*4.331*	*.791*		
UNC 5/8-11	11.00	65.78	.480 x .360	C	3BX	T300-XM101AE-5/8	C110, C145, C150	12.2	15.88	110.0	20.1	4	DIN 2184-1/ANSI
		2.590						*.480*	*.625*	*4.331*	*.791*		
UNC 3/4-10	10.00	77.47	.590 x .442	C	3BX	T300-XM101AE-3/4	C110, C145, C150	15.0	19.05	125.0	24.9	4	DIN 2184-1/ANSI
		3.050						*.590*	*.750*	*4.921*	*.980*		
UNC 7/8-9	9.00	90.95	.697 x .523	C	3BX	T300-XM101AE-7/8	C110, C145, C150	17.7	22.23	140.0	24.9	4	DIN 2184-1/ANSI
		3.581						*.697*	*.875*	*5.512*	*.980*		
UNC 1"-8	8.00	95.43	.800 x .600	C	3BX	T300-XM101AE-1	C110, C145, C150	20.3	25.40	160.0	30.0	4	DIN 2184-1/ANSI
		3.757						*.800*	*1.000*	*6.299*	*1.181*		
UNC #2-56	56.00	15.00	.141 x .110	E	3BX	T300-XM102AE-2-56	C110, C145, C150	3.6	2.18	45.0	4.0	3	DIN 2184-1/ANSI
		.591						*.141*	*.086*	*1.772*	*.157*		
UNC #4-40	40.00	17.50	.141 x .110	E	3BX	T300-XM102AE-4-40	C110, C145, C150	3.6	2.84	56.0	7.1	3	DIN 2184-1/ANSI
		.689						*.141*	*.112*	*2.205*	*.280*		
UNC #5-40	40.00	17.50	.141 x .110	E	3BX	T300-XM102AE-5-40	C110, C145, C150	3.6	3.18	56.0	6.6	3	DIN 2184-1/ANSI
		.689						*.141*	*.125*	*2.205*	*.260*		
UNC #6-32	32.00	20.50	.141 x .110	E	3BX	T300-XM102AE-6-32	C110, C145, C150	3.6	3.51	56.0	7.2	3	DIN 2184-1/ANSI
		.807						*.141*	*.138*	*2.205*	*.283*		
UNC #8-32	32.00	21.50	.168 x .131	E	3BX	T300-XM102AE-8-32	C110, C145, C150	4.3	4.17	63.0	7.7	3	DIN 2184-1/ANSI
		.846						*.168*	*.164*	*2.480*	*.303*		

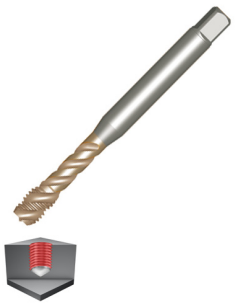
E30 E41 E45 E36 E59 E38

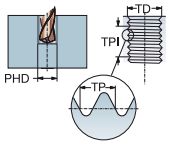
Macho de corte CoroTap™ 300 con canal helicoidal

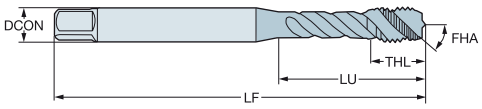
Forma de rosca: UNC

DIN 2184-1/ANSI

ULDR 2.5
FHA 45°
SUBSTRATE HSS-PM







P M K N S

TDZ	TPI	LU	CZC_{MS}	THCHT	TCTR	Código de pedido	GRADE	Dimensiones, mm, pulg. DCON	TD	LF	THL	NOF	BSG
UNC #10-24	24.00	28.00	.194 x .152	E	3BX	T300-XM102AE-10-24	C110, C145, C150	4.9	4.83	70.0	9.1	3	DIN 2184-1/ANSI
		1.102						*.194*	*.190*	*2.756*	*.358*		
UNC #12-24	24.00	24.80	.255 x .191	E	3BX	T300-XM102AE-12-24	C110, C145, C150	6.5	5.49	80.0	9.9	3	DIN 2184-1/ANSI
		.976						*.255*	*.216*	*3.150*	*.390*		
UNC 1/4-20	20.00	25.00	.255 x .191	E	3BX	T300-XM102AE-1/4	C110, C145, C150	6.5	6.35	80.0	11.0	3	DIN 2184-1/ANSI
		.984						*.255*	*.250*	*3.150*	*.433*		
UNC 5/16-18	18.00	34.00	.318 x .238	E	3BX	T300-XM102AE-5/16	C110, C145, C150	8.1	7.94	90.0	13.1	3	DIN 2184-1/ANSI
		1.339						*.318*	*.313*	*3.543*	*.516*		
UNC 3/8-16	16.00	39.00	.381 x .286	E	3BX	T300-XM102AE-3/8	C110, C145, C150	9.7	9.53	100.0	16.8	3	DIN 2184-1/ANSI
		1.535						*.381*	*.375*	*3.937*	*.661*		
UNC 7/16-14	14.00	72.59	.323 x .242	E	3BX	T300-XM103AE-7/16	C110, C145, C150	8.2	11.11	100.0	15.0	3	DIN 2184-1/ANSI
		2.858						*.323*	*.438*	*3.937*	*.591*		
UNC 1/2-13	13.00	81.82	.367 x .275	E	3BX	T300-XM103AE-1/2	C110, C145, C150	9.3	12.70	110.0	18.0	3	DIN 2184-1/ANSI
		3.221						*.367*	*.500*	*4.331*	*.709*		
UNC 9/16-12	12.00	80.30	.429 x .322	E	3BX	T300-XM103AE-9/16	C110, C145, C150	10.9	14.29	110.0	20.1	3	DIN 2184-1/ANSI
		3.161						*.429*	*.563*	*4.331*	*.791*		
UNC 5/8-11	11.00	65.78	.480 x .360	E	3BX	T300-XM103AE-5/8	C110, C145, C150	12.2	15.88	110.0	20.1	4	DIN 2184-1/ANSI
		2.590						*.480*	*.625*	*4.331*	*.791*		
UNC 3/4-10	10.00	77.47	.590 x .442	E	3BX	T300-XM103AE-3/4	C110, C145, C150	15.0	19.05	125.0	24.9	4	DIN 2184-1/ANSI
		3.050						*.590*	*.750*	*4.921*	*.980*		
UNC 7/8-9	9.00	90.95	.697 x .523	E	3BX	T300-XM103AE-7/8	C110, C145, C150	17.7	22.23	140.0	24.9	4	DIN 2184-1/ANSI
		3.581						*.697*	*.875*	*5.512*	*.980*		
UNC 1"-8	8.00	95.43	.800 x .600	E	3BX	T300-XM103AE-1	C110, C145, C150	20.3	25.40	160.0	30.0	4	DIN 2184-1/ANSI
		3.757						*.800*	*1.000*	*6.299*	*1.181*		

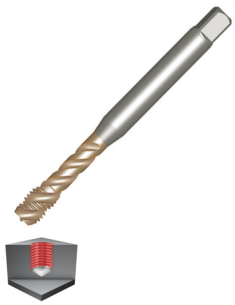
E30 E41 E45 E36 E59 E38

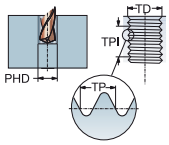
Macho de corte CoroTap™ 300 con canal helicoidal

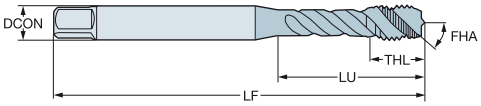
Forma de rosca: UNF

DIN 2184-1

ULDR 2.5
FHA 45°
SUBSTRATE HSS-PM







P M K N S

								Dimensiones, mm, pulg.					
TDZ	TPI	LU	CZC_{MS}	THCHT	TCTR	Código de pedido	GRADE	DCON	TD	LF	THL	NOF	BSG
UNF #8-36	36.00	21.00	4.50 x 3.40	C	2B	T300-XM100DF-8-36	C110, C145, C150	4.5	4.17	63.0	6.5	3	DIN 2184-1
		.827						*.177*	*.164*	*2.480*	*.256*		
UNF #10-32	32.00	25.00	6.00 x 4.90	C	2B	T300-XM100DF-10-32	C110, C145, C150	6.0	4.83	70.0	7.3	3	DIN 2184-1
		.984						*.236*	*.190*	*2.756*	*.287*		
UNF 1/4-28	28.00	30.00	7.00 x 5.50	C	2B	T300-XM100DF-1/4	C110, C145, C150	7.0	6.35	80.0	10.0	3	DIN 2184-1
		1.181						*.276*	*.250*	*3.150*	*.394*		
UNF 5/16-24	24.00	35.00	8.00 x 6.20	C	2B	T300-XM100DF-5/16	C110, C145, C150	8.0	7.94	90.0	12.0	3	DIN 2184-1
		1.378						*.315*	*.313*	*3.543*	*.472*		
UNF 3/8-24	24.00	39.00	10.00 x 8.00	C	2B	T300-XM100DF-3/8	C110, C145, C150	10.0	9.53	100.0	15.0	3	DIN 2184-1
		1.535						*.394*	*.375*	*3.937*	*.591*		
UNF 7/16-20	20.00	75.75	8.00 x 6.20	C	2B	T300-XM101DF-7/16	C110, C145, C150	8.0	11.11	100.0	15.0	3	DIN 2184-1
		2.982						*.315*	*.438*	*3.937*	*.591*		
UNF 1/2-20	20.00	83.00	9.00 x 7.00	C	2B	T300-XM101DF-1/2	C110, C145, C150	9.0	12.70	110.0	18.0	3	DIN 2184-1
		3.268						*.354*	*.500*	*4.331*	*.709*		
UNF 5/8-18	18.00	67.75	12.00 x 9.00	C	2B	T300-XM101DF-5/8	C110, C145, C150	12.0	15.88	110.0	20.0	4	DIN 2184-1
		2.667						*.472*	*.625*	*4.331*	*.787*		
UNF 3/4-16	16.00	77.50	14.00 x 11.00	C	2B	T300-XM101DF-3/4	B110, B145, B150	14.0	19.05	125.0	25.0	4	DIN 2184-1
		3.051						*.551*	*.750*	*4.921*	*.984*		
UNF 7/8-14	14.00	92.75	18.00 x 14.50	C	2B	T300-XM101DF-7/8	B110, B145, B150	18.0	22.23	140.0	25.0	4	DIN 2184-1
		3.652						*.709*	*.875*	*5.512*	*.984*		
UNF 1"-12	12.00	113.00	18.00 x 14.50	C	2B	T300-XM101DF-1	B110, B145, B150	18.0	25.40	160.0	30.0	4	DIN 2184-1
		4.449						*.709*	*1.000*	*6.299*	*1.181*		

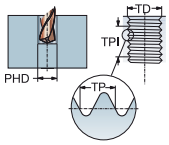
E30 E41 E45 E36 E59 E38

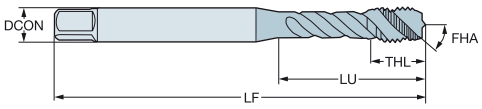
Macho de corte CoroTap™ 300 con canal helicoidal

Forma de rosca: UNF

DIN 2184-1/ANSI

ULDR 2.5
FHA 45°
SUBSTRATE HSS-PM





P M K N S

TDZ	TPI	LU	CZC_{MS}	THCHT	TCTR	Código de pedido	GRADE	Dimensiones, mm, pulg. DCON	TD	LF	THL	NOF	BSG
UNF #4-48	48.00	17.50	.141 x .110	C	3BX	T300-XM100AF-4-48	C110, C145, C150	3.6	2.84	56.0	7.1	3	DIN 2184-1/ANSI
		.689						*.141*	*.112*	*2.205*	*.280*		
UNF #6-40	40.00	20.50	.141 x .110	C	3BX	T300-XM100AF-6-40	C110, C145, C150	3.6	3.51	56.0	7.1	3	DIN 2184-1/ANSI
		.807						*.141*	*.138*	*2.205*	*.280*		
UNF #8-36	36.00	21.50	.168 x .131	C	3BX	T300-XM100AF-8-36	C110, C145, C150	4.3	4.17	63.0	7.7	3	DIN 2184-1/ANSI
		.846						*.168*	*.164*	*2.480*	*.303*		
UNF #10-32	32.00	28.00	.194 x .152	C	3BX	T300-XM100AF-10-32	C110, C145, C150	4.9	4.83	70.0	8.9	3	DIN 2184-1/ANSI
		1.102						*.194*	*.190*	*2.756*	*.350*		
UNF #12-28	28.00	31.00	.220 x .165	C	3BX	T300-XM100AF-12-28	C110, C145, C150	5.6	5.49	80.0	9.9	3	DIN 2184-1/ANSI
		1.220						*.220*	*.216*	*3.150*	*.390*		
UNF 1/4-28	28.00	25.00	.255 x .191	C	3BX	T300-XM100AF-1/4	C110, C145, C150	6.5	6.35	80.0	10.8	3	DIN 2184-1/ANSI
		.984						*.255*	*.250*	*3.150*	*.425*		
UNF 5/16-24	24.00	34.00	.318 x .238	C	3BX	T300-XM100AF-5/16	C110, C145, C150	8.1	7.94	90.0	12.9	3	DIN 2184-1/ANSI
		1.339						*.318*	*.313*	*3.543*	*.508*		
UNF 3/8-24	24.00	37.50	.381 x .286	C	3BX	T300-XM100AF-3/8	C110, C145, C150	9.7	9.53	90.0	15.0	3	DIN 2184-1/ANSI
		1.476						*.381*	*.375*	*3.543*	*.591*		
UNF 7/16-20	20.00	72.59	.367 x .275	C	3BX	T300-XM101AF-7/16	C110, C145, C150	9.3	11.11	100.0	15.0	3	DIN 2184-1/ANSI
		2.858						*.367*	*.438*	*3.937*	*.591*		
UNF 1/2-20	20.00	71.82	.367 x .275	C	3BX	T300-XM101AF-1/2	C110, C145, C150	9.3	12.70	100.0	18.0	3	DIN 2184-1/ANSI
		2.828						*.367*	*.500*	*3.937*	*.709*		
UNF 9/16-18	18.00	70.30	.429 x .322	C	3BX	T300-XM101AF-9/16	C110, C145, C150	10.9	14.29	100.0	19.1	3	DIN 2184-1/ANSI
		2.768						*.429*	*.563*	*3.937*	*.752*		
UNF 5/8-18	18.00	55.78	.480 x .360	C	3BX	T300-XM101AF-5/8	C110, C145, C150	12.2	15.88	100.0	20.1	4	DIN 2184-1/ANSI
		2.196						*.480*	*.625*	*3.937*	*.791*		
UNF 3/4-16	16.00	62.47	.590 x .442	C	3BX	T300-XM101AF-3/4	C110, C145, C150	15.0	19.05	110.0	24.9	4	DIN 2184-1/ANSI
		2.459						*.590*	*.750*	*4.331*	*.980*		
UNF 7/8-14	14.00	75.95	.697 x .523	C	3BX	T300-XM101AF-7/8	C110, C145, C150	17.7	22.23	125.0	24.9	4	DIN 2184-1/ANSI
		2.990						*.697*	*.875*	*4.921*	*.980*		
UNF 1"-12	12.00	75.43	.800 x .600	C	3BX	T300-XM101AF-1-12	C110, C145, C150	20.3	25.40	140.0	26.9	4	DIN 2184-1/ANSI
		2.970						*.800*	*1.000*	*5.512*	*1.059*		
UNF #4-48	48.00	17.50	.141 x .110	E	3BX	T300-XM102AF-4-48	C110, C145, C150	3.6	2.84	56.0	7.1	3	DIN 2184-1/ANSI
		.689						*.141*	*.112*	*2.205*	*.280*		
UNF #6-40	40.00	20.50	.141 x .110	E	3BX	T300-XM102AF-6-40	C110, C145, C150	3.6	3.51	56.0	7.1	3	DIN 2184-1/ANSI
		.807						*.141*	*.138*	*2.205*	*.280*		
UNF #8-36	36.00	21.50	.168 x .131	E	3BX	T300-XM102AF-8-36	C110, C145, C150	4.3	4.17	63.0	7.7	3	DIN 2184-1/ANSI
		.846						*.168*	*.164*	*2.480*	*.303*		
UNF #10-32	32.00	28.00	.194 x .152	E	3BX	T300-XM102AF-10-32	C110, C145, C150	4.9	4.83	70.0	8.9	3	DIN 2184-1/ANSI
		1.102						*.194*	*.190*	*2.756*	*.350*		
UNF #12-28	28.00	31.00	.220 x .165	E	3BX	T300-XM102AF-12-28	C110, C145, C150	5.6	5.49	80.0	9.9	3	DIN 2184-1/ANSI
		1.220						*.220*	*.216*	*3.150*	*.390*		
UNF 1/4-28	28.00	25.00	.255 x .191	E	3BX	T300-XM102AF-1/4	C110, C145, C150	6.5	6.35	80.0	10.8	3	DIN 2184-1/ANSI
		.984						*.255*	*.250*	*3.150*	*.425*		
UNF 5/16-24	24.00	34.00	.318 x .238	E	3BX	T300-XM102AF-5/16	C110, C145, C150	8.1	7.94	90.0	12.9	3	DIN 2184-1/ANSI
		1.339						*.318*	*.313*	*3.543*	*.508*		

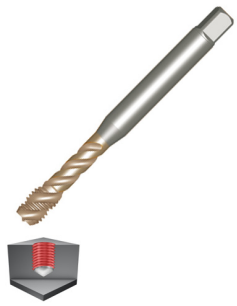
E30 E41 E45 E36 E59 E38

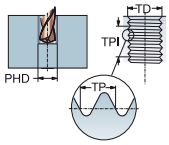
Macho de corte CoroTap™ 300 con canal helicoidal

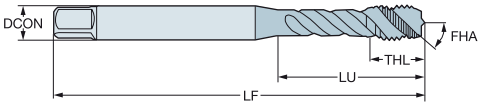
Forma de rosca: UNF

DIN 2184-1/ANSI

ULDR 2.5
FHA 45°
SUBSTRATE HSS-PM







P M K N S

TDZ	TPI	LU	CZC_{MS}	THCHT	TCTR	Código de pedido	GRADE	Dimensiones, mm, pulg. DCON	TD	LF	THL	NOF	BSG
UNF 3/8-24	24.00	37.50	.381 x .286	E	3BX	T300-XM102AF-3/8	C110, C145, C150	9.7	9.53	90.0	15.0	3	DIN 2184-1/ANSI
		1.476						*.381*	*.375*	*3.543*	*.591*		
UNF 7/16-20	20.00	72.59	.323 x .242	E	3BX	T300-XM103AF-7/16	C110, C145, C150	8.2	11.11	100.0	15.0	3	DIN 2184-1/ANSI
		2.858						*.323*	*.438*	*3.937*	*.591*		
UNF 1/2-20	20.00	71.82	.367 x .275	E	3BX	T300-XM103AF-1/2	C110, C145, C150	9.3	12.70	100.0	18.0	3	DIN 2184-1/ANSI
		2.828						*.367*	*.500*	*3.937*	*.709*		
UNF 9/16-18	18.00	70.30	.429 x .322	E	3BX	T300-XM103AF-9/16	C110, C145, C150	10.9	14.29	100.0	19.1	3	DIN 2184-1/ANSI
		2.768						*.429*	*.563*	*3.937*	*.752*		
UNF 5/8-18	18.00	55.78	.480 x .360	E	3BX	T300-XM103AF-5/8	C110, C145, C150	12.2	15.88	100.0	20.1	4	DIN 2184-1/ANSI
		2.196						*.480*	*.625*	*3.937*	*.791*		
UNF 3/4-16	16.00	62.47	.590 x .442	E	3BX	T300-XM103AF-3/4	C110, C145, C150	15.0	19.05	110.0	24.9	4	DIN 2184-1/ANSI
		2.459						*.590*	*.750*	*4.331*	*.980*		
UNF 7/8-14	14.00	75.95	.697 x .523	E	3BX	T300-XM103AF-7/8	C110, C145, C150	17.7	22.23	125.0	24.9	4	DIN 2184-1/ANSI
		2.990						*.697*	*.875*	*4.921*	*.980*		
UNF 1"-12	12.00	75.43	.800 x .600	E	3BX	T300-XM103AF-1-12	C110, C145, C150	20.3	25.40	140.0	26.9	4	DIN 2184-1/ANSI
		2.970						*.800*	*1.000*	*5.512*	*1.059*		

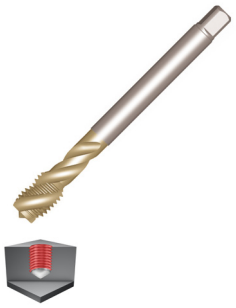
E30 E41 E45 E36 E59 E38

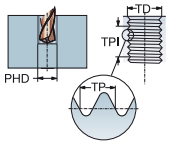
Macho de corte CoroTap™ 300 con canal helicoidal

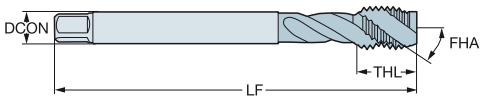
Forma de rosca: G

DIN 5156

ULDR 2.5
FHA 45°
SUBSTRATE HSS-E







P M K N S

TDZ	TPI	LU	CZC_{MS}	THCHT	TCTR	Código de pedido	GRADE	Dimensiones, mm, pulg. DCON	TD	LF	THL	NOF	BSG
G 1/8-28	28.00	67.00	7.00 x 5.50	C	NORMAL	T300-XM100DK-1/8	C110, C145, C150	7.0	9.73	90.0	13.0	3	DIN 5156
		2.638						*.276*	*.383*	*3.543*	*.512*		
G 1/4-19	19.00	71.00	11.00 x 9.00	C	NORMAL	T300-XM100DK-1/4	C110, C145, C150	11.0	13.16	100.0	15.0	3	DIN 5156
		2.795						*.433*	*.518*	*3.937*	*.591*		
G 3/8-19	19.00	58.00	12.00 x 9.00	C	NORMAL	T300-XM100DK-3/8	C110, C145, C150	12.0	16.66	100.0	15.0	4	DIN 5156
		2.283						*.472*	*.656*	*3.937*	*.591*		
G 1/2-14	14.00	80.00	16.00 x 12.00	C	NORMAL	T300-XM100DK-1/2	B110, B145, B150	16.0	20.96	125.0	18.0	4	DIN 5156
		3.150						*.630*	*.825*	*4.921*	*.709*		
G 5/8-14	14.00	78.00	18.00 x 14.50	C	NORMAL	T300-XM100DK-5/8	B110, B145, B150	18.0	22.91	125.0	18.0	4	DIN 5156
		3.071						*.709*	*.902*	*4.921*	*.709*		
G 3/4-14	14.00	77.00	20.00 x 16.00	C	NORMAL	T300-XM100DK-3/4	B110, B145, B150	20.0	26.44	140.0	20.0	4	DIN 5156
		3.032						*.787*	*1.041*	*5.512*	*.787*		
G 7/8-14	14.00	85.00	22.00 x 18.00	C	NORMAL	T300-XM100DK-7/8	B110, B145, B150	22.0	30.20	150.0	20.0	4	DIN 5156
		3.346						*.866*	*1.189*	*5.906*	*.787*		
G 1"-11	11.00	93.00	25.00 x 20.00	C	NORMAL	T300-XM100DK-1	B110, B145, B150	25.0	33.25	160.0	22.0	4	DIN 5156
		3.661						*.984*	*1.309*	*6.299*	*.866*		
G 1.1/8-11	11.00	101.00	28.00 x 22.00	C	NORMAL	T300-XM100DK-1.1/8	B110, B145, B150	28.0	37.90	170.0	22.0	4	DIN 5156
		3.976						*1.102*	*1.492*	*6.693*	*.866*		
G 1.1/4-11	11.00	72.00	32.00 x 24.00	C	NORMAL	T300-XM100DK-1.1/4	B110, B145, B150	32.0	41.91	170.0	22.0	4	DIN 5156
		2.835						*1.260*	*1.650*	*6.693*	*.866*		
G 1.1/2-11	11.00	87.00	36.00 x 29.00	C	NORMAL	T300-XM100DK-1.1/2	B110, B145, B150	36.0	47.80	190.0	23.0	4	DIN 5156
		3.425						*1.417*	*1.882*	*7.480*	*.906*		

E30 E41 E45 E36 E59 E38

SANDVIK Coromant

Escariado

CoroReamer™ 435

Escariador flexible y de alto rendimiento, adecuado para una amplia gama de materiales

Ventajas y características

- Gran productividad por sus altos parámetros de corte
- Uniformidad y productividad, ahorro de tiempo y costes
- Excelente acabado superficial de la pieza
- Concentricidad uniforme para conseguir una mayor duración de la herramienta y precisión dimensional
- Gran estabilidad por su cuerpo de metal duro
- El refrigerante interior mejora la evacuación de la viruta y reduce el desgaste

Área de aplicación ISO:

P K N

C

Para soluciones personalizadas, vea la página E36

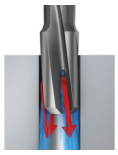
www.sandvik.coromant.com/cororeamer435

Herramientas **versátiles** desarrolladas para un rendimiento elevado y un mecanizado seguro en materiales, aplicaciones, tamaños y formas de componente diferentes, que ofrecen un máximo aprovechamiento de la máquina.

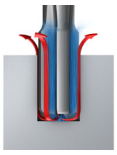
Geometría de desahogo con espaciado entre desahogos extremadamente irregular

Un espaciado de canal extremadamente irregular significa que la división no es la misma para cada diente. Dado que no hay dos dientes diametralmente opuestos, el escariador produce un agujero con una variante de redondez optimizada.

Agujero pasante



Agujero ciego



E50

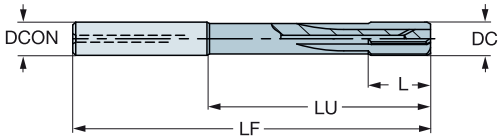
SPA

Escariador de metal duro integral CoroReamer™ 435

Para múltiples materiales

Para agujeros ciegos

CNSC 1
CXSC 1
SUBSTRATE HF
COATING UNCOATED



P K N

							Dimensiones, mm, pulg.													
DC	DC"	LU	LU"	CZC_{MS}	Código de pedido	GRADE	DCON	DCON"	OAL	OAL"	LCF	LCF"	L	L"	LF	LF"	APMX	APMX"	PHD	PHD"	BSG
3.97	.156	39.00	1.535	6	435.B-0397-A1-XF	H10F	6.00	.236	75.00	2.953	15.60	.614	12.00	.472	74.40	2.929	0.3	.012	3.80	.150	COROMANT
3.98	.157	39.00	1.535	6	435.B-0398-A1-XF	H10F	6.00	.236	75.00	2.953	15.60	.614	12.00	.472	74.40	2.929	0.3	.012	3.80	.150	COROMANT
3.99	.157	39.00	1.535	6	435.B-0399-A1-XF	H10F	6.00	.236	75.00	2.953	15.60	.614	12.00	.472	74.40	2.929	0.3	.012	3.80	.150	COROMANT
4.00	.157	39.00	1.535	6	435.B-0400-A1-XF	H10F	6.00	.236	75.00	2.953	15.60	.614	12.00	.472	74.40	2.929	0.3	.012	3.80	.150	COROMANT
4.01	.158	39.00	1.535	6	435.B-0401-A1-XF	H10F	6.00	.236	75.00	2.953	15.60	.614	12.00	.472	74.40	2.929	0.3	.012	3.80	.150	COROMANT
4.02	.158	39.00	1.535	6	435.B-0402-A1-XF	H10F	6.00	.236	75.00	2.953	15.60	.614	12.00	.472	74.40	2.929	0.3	.012	3.80	.150	COROMANT
4.03	.159	39.00	1.535	6	435.B-0403-A1-XF	H10F	6.00	.236	75.00	2.953	15.60	.614	12.00	.472	74.39	2.929	0.3	.012	3.80	.150	COROMANT
4.50	.177	39.00	1.535	6	435.B-0450-A1-XF	H10F	6.00	.236	75.00	2.953	15.60	.614	12.00	.472	74.32	2.926	0.3	.012	4.30	.169	COROMANT
4.97	.196	39.00	1.535	6	435.B-0497-A1-XF	H10F	6.00	.236	75.00	2.953	15.60	.614	12.00	.472	74.25	2.923	0.3	.012	4.80	.189	COROMANT
4.98	.196	39.00	1.535	6	435.B-0498-A1-XF	H10F	6.00	.236	75.00	2.953	15.60	.614	12.00	.472	74.25	2.923	0.3	.012	4.80	.189	COROMANT
4.99	.196	39.00	1.535	6	435.B-0499-A1-XF	H10F	6.00	.236	75.00	2.953	15.60	.614	12.00	.472	74.25	2.923	0.3	.012	4.80	.189	COROMANT
5.00	.197	39.00	1.535	6	435.B-0500-A1-XF	H10F	6.00	.236	75.00	2.953	15.60	.614	12.00	.472	74.25	2.923	0.3	.012	4.80	.189	COROMANT
5.01	.197	39.00	1.535	6	435.B-0501-A1-XF	H10F	6.00	.236	75.00	2.953	15.60	.614	12.00	.472	74.25	2.923	0.3	.012	4.80	.189	COROMANT
5.02	.198	39.00	1.535	6	435.B-0502-A1-XF	H10F	6.00	.236	75.00	2.953	15.60	.614	12.00	.472	74.25	2.923	0.3	.012	4.80	.189	COROMANT
5.03	.198	39.00	1.535	6	435.B-0503-A1-XF	H10F	6.00	.236	75.00	2.953	15.60	.614	12.00	.472	74.24	2.923	0.3	.012	4.80	.189	COROMANT
5.50	.217	39.00	1.535	6	435.B-0550-A1-XF	H10F	6.00	.236	75.00	2.953	15.60	.614	12.00	.472	74.17	2.920	0.3	.012	5.30	.209	COROMANT
5.97	.235	39.00	1.535	6	435.B-0597-A1-XF	H10F	6.00	.236	75.00	2.953	15.60	.614	12.00	.472	74.10	2.917	0.3	.012	5.80	.228	COROMANT
5.98	.235	39.00	1.535	6	435.B-0598-A1-XF	H10F	6.00	.236	75.00	2.953	15.60	.614	12.00	.472	74.10	2.917	0.3	.012	5.80	.228	COROMANT
5.99	.236	39.00	1.535	6	435.B-0599-A1-XF	H10F	6.00	.236	75.00	2.953	15.60	.614	12.00	.472	74.10	2.917	0.3	.012	5.80	.228	COROMANT
6.00	.236	39.00	1.535	6	435.B-0600-A1-XF	H10F	6.00	.236	75.00	2.953	15.60	.614	12.00	.472	74.10	2.917	0.3	.012	5.80	.228	COROMANT
6.01	.237	39.00	1.535	6	435.B-0601-A1-XF	H10F	6.00	.236	75.00	2.953	15.60	.614	12.00	.472	74.10	2.917	0.3	.012	5.80	.228	COROMANT
6.02	.237	39.00	1.535	6	435.B-0602-A1-XF	H10F	6.00	.236	75.00	2.953	15.60	.614	12.00	.472	74.10	2.917	0.3	.012	5.80	.228	COROMANT
6.03	.237	39.00	1.535	6	435.B-0603-A1-XF	H10F	6.00	.236	75.00	2.953	15.60	.614	12.00	.472	74.09	2.917	0.3	.012	5.80	.228	COROMANT
6.50	.256	64.00	2.520	8	435.B-0650-A1-XF	H10F	8.00	.315	100.00	3.937	20.80	.819	16.00	.630	99.02	3.898	0.3	.012	6.30	.248	COROMANT
7.00	.276	64.00	2.520	8	435.B-0700-A1-XF	H10F	8.00	.315	100.00	3.937	20.80	.819	16.00	.630	98.95	3.896	0.3	.012	6.80	.268	COROMANT
7.50	.295	64.00	2.520	8	435.B-0750-A1-XF	H10F	8.00	.315	100.00	3.937	20.80	.819	16.00	.630	98.87	3.893	0.3	.012	7.30	.287	COROMANT
7.97	.314	64.00	2.520	8	435.B-0797-A1-XF	H10F	8.00	.315	100.00	3.937	20.80	.819	16.00	.630	98.80	3.890	0.3	.012	7.80	.307	COROMANT
7.98	.314	64.00	2.520	8	435.B-0798-A1-XF	H10F	8.00	.315	100.00	3.937	20.80	.819	16.00	.630	98.80	3.890	0.3	.012	7.80	.307	COROMANT
7.99	.315	64.00	2.520	8	435.B-0799-A1-XF	H10F	8.00	.315	100.00	3.937	20.80	.819	16.00	.630	98.80	3.890	0.3	.012	7.80	.307	COROMANT
8.00	.315	64.00	2.520	8	435.B-0800-A1-XF	H10F	8.00	.315	100.00	3.937	20.80	.819	16.00	.630	98.80	3.890	0.3	.012	7.80	.307	COROMANT
8.01	.315	64.00	2.520	8	435.B-0801-A1-XF	H10F	8.00	.315	100.00	3.937	20.80	.819	16.00	.630	98.80	3.890	0.3	.012	7.80	.307	COROMANT
8.02	.316	64.00	2.520	8	435.B-0802-A1-XF	H10F	8.00	.315	100.00	3.937	20.80	.819	16.00	.630	98.79	3.889	0.3	.012	7.80	.307	COROMANT
8.03	.316	64.00	2.520	8	435.B-0803-A1-XF	H10F	8.00	.315	100.00	3.937	20.80	.819	16.00	.630	98.79	3.889	0.3	.012	7.80	.307	COROMANT
8.50	.335	60.00	2.362	10	435.B-0850-A1-XF	H10F	10.00	.394	100.00	3.937	26.00	1.024	20.00	.787	98.72	3.887	0.3	.012	8.30	.327	COROMANT
9.00	.354	60.00	2.362	10	435.B-0900-A1-XF	H10F	10.00	.394	100.00	3.937	26.00	1.024	20.00	.787	98.65	3.884	0.3	.012	8.80	.346	COROMANT
9.50	.374	80.00	3.150	10	435.B-0950-A1-XF	H10F	10.00	.394	120.00	4.724	26.00	1.024	20.00	.787	118.57	4.668	0.3	.012	9.30	.366	COROMANT
9.97	.393	80.00	3.150	10	435.B-0997-A1-XF	H10F	10.00	.394	120.00	4.724	26.00	1.024	20.00	.787	118.50	4.665	0.3	.012	9.80	.386	COROMANT
9.98	.393	80.00	3.150	10	435.B-0998-A1-XF	H10F	10.00	.394	120.00	4.724	26.00	1.024	20.00	.787	118.50	4.665	0.3	.012	9.80	.386	COROMANT
9.99	.393	80.00	3.150	10	435.B-0999-A1-XF	H10F	10.00	.394	120.00	4.724	26.00	1.024	20.00	.787	118.50	4.665	0.3	.012	9.80	.386	COROMANT
10.00	.394	80.00	3.150	10	435.B-1000-A1-XF	H10F	10.00	.394	120.00	4.724	26.00	1.024	20.00	.787	118.50	4.665	0.3	.012	9.80	.386	COROMANT
10.01	.394	80.00	3.150	10	435.B-1001-A1-XF	H10F	10.00	.394	120.00	4.724	26.00	1.024	20.00	.787	118.50	4.665	0.3	.012	9.80	.386	COROMANT
10.02	.394	80.00	3.150	10	435.B-1002-A1-XF	H10F	10.00	.394	120.00	4.724	26.00	1.024	20.00	.787	118.49	4.665	0.3	.012	9.80	.386	COROMANT
10.03	.395	80.00	3.150	10	435.B-1003-A1-XF	H10F	10.00	.394	120.00	4.724	26.00	1.024	20.00	.787	118.49	4.665	0.3	.012	9.80	.386	COROMANT
10.50	.413	75.00	2.953	12	435.B-1050-A1-XF	H10F	12.00	.472	120.00	4.724	26.00	1.024	20.00	.787	118.42	4.662	0.3	.012	10.30	.406	COROMANT

Los diámetros redondos producen una tolerancia de agujero H7

Los diámetros con centesimales producen una tolerancia de agujero más estrecha debido a la fabricación de +0.004mm

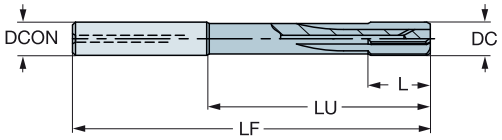
E32 E45 E36 E60 E50

Escariador de metal duro integral CoroReamer™ 435

Para múltiples materiales

Para agujeros ciegos

CNSC	1
CXSC	1
SUBSTRATE	HF
COATING	UNCOATED



P K N

							Dimensiones, mm, pulg.													
DC	DC"	LU	LU"	CZC_{MS}	**Código de pedido**	GRADE	DCON	DCON"	OAL	OAL"	LCF	LCF"	L	L"	LF	LF"	APMX	APMX"	PHD	PHD"	BSG
11.00	.433	75.00	2.953	12	**435.B-1100-A1-XF**	H10F	12.00	.472	120.00	4.724	26.00	1.024	20.00	.787	118.35	4.659	0.3	.012	10.80	.425	COROMANT
11.50	.453	75.00	2.953	12	**435.B-1150-A1-XF**	H10F	12.00	.472	120.00	4.724	26.00	1.024	20.00	.787	118.27	4.656	0.3	.012	11.30	.445	COROMANT
11.97	.471	75.00	2.953	12	**435.B-1197-A1-XF**	H10F	12.00	.472	120.00	4.724	26.00	1.024	20.00	.787	118.20	4.654	0.3	.012	11.80	.465	COROMANT
11.98	.472	75.00	2.953	12	**435.B-1198-A1-XF**	H10F	12.00	.472	120.00	4.724	26.00	1.024	20.00	.787	118.20	4.654	0.3	.012	11.80	.465	COROMANT
11.99	.472	75.00	2.953	12	**435.B-1199-A1-XF**	H10F	12.00	.472	120.00	4.724	26.00	1.024	20.00	.787	118.20	4.654	0.3	.012	11.80	.465	COROMANT
12.00	.472	75.00	2.953	12	**435.B-1200-A1-XF**	H10F	12.00	.472	120.00	4.724	26.00	1.024	20.00	.787	118.20	4.654	0.3	.012	11.80	.465	COROMANT
12.01	.473	75.00	2.953	12	**435.B-1201-A1-XF**	H10F	12.00	.472	120.00	4.724	26.00	1.024	20.00	.787	118.20	4.654	0.3	.012	11.80	.465	COROMANT
12.02	.473	75.00	2.953	12	**435.B-1202-A1-XF**	H10F	12.00	.472	120.00	4.724	26.00	1.024	20.00	.787	118.19	4.653	0.3	.012	11.80	.465	COROMANT
12.03	.474	75.00	2.953	12	**435.B-1203-A1-XF**	H10F	12.00	.472	120.00	4.724	26.00	1.024	20.00	.787	118.19	4.653	0.3	.012	11.80	.465	COROMANT
13.00	.512	85.00	3.346	14	**435.B-1300-A1-XF**	H10F	14.00	.551	130.00	5.118	28.60	1.126	22.00	.866	128.05	5.041	0.3	.012	12.80	.504	COROMANT
14.00	.551	85.00	3.346	14	**435.B-1400-A1-XF**	H10F	14.00	.551	130.00	5.118	28.60	1.126	22.00	.866	127.90	5.035	0.3	.012	13.80	.543	COROMANT
15.00	.591	82.00	3.228	16	**435.B-1500-A1-XF**	H10F	16.00	.630	130.00	5.118	28.60	1.126	22.00	.866	127.75	5.030	0.3	.012	14.80	.583	COROMANT
16.00	.630	102.00	4.016	16	**435.B-1600-A1-XF**	H10F	16.00	.630	150.00	5.906	32.50	1.280	25.00	.984	147.60	5.811	0.3	.012	15.80	.622	COROMANT
17.00	.669	102.00	4.016	18	**435.B-1700-A1-XF**	H10F	18.00	.709	150.00	5.906	32.50	1.280	25.00	.984	147.45	5.805	0.3	.012	16.80	.661	COROMANT
18.00	.709	102.00	4.016	18	**435.B-1800-A1-XF**	H10F	18.00	.709	150.00	5.906	32.50	1.280	25.00	.984	147.30	5.799	0.3	.012	17.80	.701	COROMANT
19.00	.748	100.00	3.937	20	**435.B-1900-A1-XF**	H10F	20.00	.787	150.00	5.906	32.50	1.280	25.00	.984	147.14	5.793	0.3	.012	18.80	.740	COROMANT
20.00	.787	100.00	3.937	20	**435.B-2000-A1-XF**	H10F	20.00	.787	150.00	5.906	32.50	1.280	25.00	.984	146.99	5.787	0.3	.012	19.80	.780	COROMANT

Los diámetros redondos producen una tolerancia de agujero H7

Los diámetros con centesimales producen una tolerancia de agujero más estrecha debido a la fabricación de +0.004mm

E32 E45 E36 E60 E50

SANDVIK Coromant

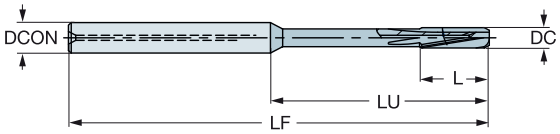
SPA

Escariador de metal duro integral CoroReamer™ 435

Para múltiples materiales

Para agujeros pasantes

FHA	10°
CNSC	1
CXSC	2
SUBSTRATE	HF
COATING	UNCOATED



P K N

							Dimensiones, mm, pulg.													
DC	DC"	LU	LU"	CZC_{MS}	Código de pedido	GRADE	DCON	DCON"	OAL	OAL"	LCF	LCF"	L	L"	LF	LF"	APMX	APMX"	PHD	PHD"	BSG
3.97	.156	39.00	1.535	6	435.T-0397-A1-XF	H10F	6.00	.236	75.00	2.953	15.60	.614	12.00	.472	74.40	2.929	0.3	.012	3.80	.150	COROMANT
3.98	.157	39.00	1.535	6	435.T-0398-A1-XF	H10F	6.00	.236	75.00	2.953	15.60	.614	12.00	.472	74.40	2.929	0.3	.012	3.80	.150	COROMANT
3.99	.157	39.00	1.535	6	435.T-0399-A1-XF	H10F	6.00	.236	75.00	2.953	15.60	.614	12.00	.472	74.40	2.929	0.3	.012	3.80	.150	COROMANT
4.00	.157	39.00	1.535	6	435.T-0400-A1-XF	H10F	6.00	.236	75.00	2.953	15.60	.614	12.00	.472	74.40	2.929	0.3	.012	3.80	.150	COROMANT
4.01	.158	39.00	1.535	6	435.T-0401-A1-XF	H10F	6.00	.236	75.00	2.953	15.60	.614	12.00	.472	74.40	2.929	0.3	.012	3.80	.150	COROMANT
4.02	.158	39.00	1.535	6	435.T-0402-A1-XF	H10F	6.00	.236	75.00	2.953	15.60	.614	12.00	.472	74.40	2.929	0.3	.012	3.80	.150	COROMANT
4.03	.159	39.00	1.535	6	435.T-0403-A1-XF	H10F	6.00	.236	75.00	2.953	15.60	.614	12.00	.472	74.39	2.929	0.3	.012	3.80	.150	COROMANT
4.50	.177	39.00	1.535	6	435.T-0450-A1-XF	H10F	6.00	.236	75.00	2.953	15.60	.614	12.00	.472	74.32	2.926	0.3	.012	4.30	.169	COROMANT
4.97	.196	39.00	1.535	6	435.T-0497-A1-XF	H10F	6.00	.236	75.00	2.953	15.60	.614	12.00	.472	74.25	2.923	0.3	.012	4.80	.189	COROMANT
4.98	.196	39.00	1.535	6	435.T-0498-A1-XF	H10F	6.00	.236	75.00	2.953	15.60	.614	12.00	.472	74.25	2.923	0.3	.012	4.80	.189	COROMANT
4.99	.196	39.00	1.535	6	435.T-0499-A1-XF	H10F	6.00	.236	75.00	2.953	15.60	.614	12.00	.472	74.25	2.923	0.3	.012	4.80	.189	COROMANT
5.00	.197	39.00	1.535	6	435.T-0500-A1-XF	H10F	6.00	.236	75.00	2.953	15.60	.614	12.00	.472	74.25	2.923	0.3	.012	4.80	.189	COROMANT
5.01	.197	39.00	1.535	6	435.T-0501-A1-XF	H10F	6.00	.236	75.00	2.953	15.60	.614	12.00	.472	74.25	2.923	0.3	.012	4.80	.189	COROMANT
5.02	.198	39.00	1.535	6	435.T-0502-A1-XF	H10F	6.00	.236	75.00	2.953	15.60	.614	12.00	.472	74.25	2.923	0.3	.012	4.80	.189	COROMANT
5.03	.198	39.00	1.535	6	435.T-0503-A1-XF	H10F	6.00	.236	75.00	2.953	15.60	.614	12.00	.472	74.24	2.923	0.3	.012	4.80	.189	COROMANT
5.50	.217	39.00	1.535	6	435.T-0550-A1-XF	H10F	6.00	.236	75.00	2.953	15.60	.614	12.00	.472	74.17	2.920	0.3	.012	5.30	.209	COROMANT
5.97	.235	39.00	1.535	6	435.T-0597-A1-XF	H10F	6.00	.236	75.00	2.953	15.60	.614	12.00	.472	74.10	2.917	0.3	.012	5.80	.228	COROMANT
5.98	.235	39.00	1.535	6	435.T-0598-A1-XF	H10F	6.00	.236	75.00	2.953	15.60	.614	12.00	.472	74.10	2.917	0.3	.012	5.80	.228	COROMANT
5.99	.236	39.00	1.535	6	435.T-0599-A1-XF	H10F	6.00	.236	75.00	2.953	15.60	.614	12.00	.472	74.10	2.917	0.3	.012	5.80	.228	COROMANT
6.00	.236	39.00	1.535	6	435.T-0600-A1-XF	H10F	6.00	.236	75.00	2.953	15.60	.614	12.00	.472	74.10	2.917	0.3	.012	5.80	.228	COROMANT
6.01	.237	39.00	1.535	6	435.T-0601-A1-XF	H10F	6.00	.236	75.00	2.953	15.60	.614	12.00	.472	74.10	2.917	0.3	.012	5.80	.228	COROMANT
6.02	.237	39.00	1.535	6	435.T-0602-A1-XF	H10F	6.00	.236	75.00	2.953	15.60	.614	12.00	.472	74.10	2.917	0.3	.012	5.80	.228	COROMANT
6.03	.237	39.00	1.535	6	435.T-0603-A1-XF	H10F	6.00	.236	75.00	2.953	15.60	.614	12.00	.472	74.09	2.917	0.3	.012	5.80	.228	COROMANT
6.50	.256	64.00	2.520	8	435.T-0650-A1-XF	H10F	8.00	.315	100.00	3.937	20.80	.819	16.00	.630	99.02	3.898	0.3	.012	6.30	.248	COROMANT
7.00	.276	64.00	2.520	8	435.T-0700-A1-XF	H10F	8.00	.315	100.00	3.937	20.80	.819	16.00	.630	98.95	3.896	0.3	.012	6.80	.268	COROMANT
7.97	.314	64.00	2.520	8	435.T-0797-A1-XF	H10F	8.00	.315	100.00	3.937	20.80	.819	16.00	.630	98.80	3.890	0.3	.012	7.80	.307	COROMANT
7.98	.314	64.00	2.520	8	435.T-0798-A1-XF	H10F	8.00	.315	100.00	3.937	20.80	.819	16.00	.630	98.80	3.890	0.3	.012	7.80	.307	COROMANT
7.99	.315	64.00	2.520	8	435.T-0799-A1-XF	H10F	8.00	.315	100.00	3.937	20.80	.819	16.00	.630	98.80	3.890	0.3	.012	7.80	.307	COROMANT
8.00	.315	64.00	2.520	8	435.T-0800-A1-XF	H10F	8.00	.315	100.00	3.937	20.80	.819	16.00	.630	98.80	3.890	0.3	.012	7.80	.307	COROMANT
8.01	.315	64.00	2.520	8	435.T-0801-A1-XF	H10F	8.00	.315	100.00	3.937	20.80	.819	16.00	.630	98.80	3.890	0.3	.012	7.80	.307	COROMANT
8.02	.316	64.00	2.520	8	435.T-0802-A1-XF	H10F	8.00	.315	100.00	3.937	20.80	.819	16.00	.630	98.79	3.889	0.3	.012	7.80	.307	COROMANT
8.03	.316	64.00	2.520	8	435.T-0803-A1-XF	H10F	8.00	.315	100.00	3.937	20.80	.819	16.00	.630	98.79	3.889	0.3	.012	7.80	.307	COROMANT
8.50	.335	60.00	2.362	10	435.T-0850-A1-XF	H10F	10.00	.394	100.00	3.937	26.00	1.024	20.00	.787	98.72	3.887	0.3	.012	8.30	.327	COROMANT
9.00	.354	60.00	2.362	10	435.T-0900-A1-XF	H10F	10.00	.394	100.00	3.937	26.00	1.024	20.00	.787	98.65	3.884	0.3	.012	8.80	.346	COROMANT
9.50	.374	80.00	3.150	10	435.T-0950-A1-XF	H10F	10.00	.394	120.00	4.724	26.00	1.024	20.00	.787	118.57	4.668	0.3	.012	9.30	.366	COROMANT
9.97	.393	80.00	3.150	10	435.T-0997-A1-XF	H10F	10.00	.394	120.00	4.724	26.00	1.024	20.00	.787	118.50	4.665	0.3	.012	9.80	.386	COROMANT
9.98	.393	80.00	3.150	10	435.T-0998-A1-XF	H10F	10.00	.394	120.00	4.724	26.00	1.024	20.00	.787	118.50	4.665	0.3	.012	9.80	.386	COROMANT
9.99	.393	80.00	3.150	10	435.T-0999-A1-XF	H10F	10.00	.394	120.00	4.724	26.00	1.024	20.00	.787	118.50	4.665	0.3	.012	9.80	.386	COROMANT
10.00	.394	80.00	3.150	10	435.T-1000-A1-XF	H10F	10.00	.394	120.00	4.724	26.00	1.024	20.00	.787	118.50	4.665	0.3	.012	9.80	.386	COROMANT
10.01	.394	80.00	3.150	10	435.T-1001-A1-XF	H10F	10.00	.394	120.00	4.724	26.00	1.024	20.00	.787	118.50	4.665	0.3	.012	9.80	.386	COROMANT
10.02	.394	80.00	3.150	10	435.T-1002-A1-XF	H10F	10.00	.394	120.00	4.724	26.00	1.024	20.00	.787	118.49	4.665	0.3	.012	9.80	.386	COROMANT
10.03	.395	80.00	3.150	10	435.T-1003-A1-XF	H10F	10.00	.394	120.00	4.724	26.00	1.024	20.00	.787	118.49	4.665	0.3	.012	9.80	.386	COROMANT
10.50	.413	75.00	2.953	12	435.T-1050-A1-XF	H10F	12.00	.472	120.00	4.724	26.00	1.024	20.00	.787	118.42	4.662	0.3	.012	10.30	.406	COROMANT
11.00	.433	75.00	2.953	12	435.T-1100-A1-XF	H10F	12.00	.472	120.00	4.724	26.00	1.024	20.00	.787	118.35	4.659	0.3	.012	10.80	.425	COROMANT

Los diámetros redondos producen una tolerancia de agujero H7

Los diámetros con centesimales producen una tolerancia de agujero más estrecha debido a la fabricación de +0.004mm

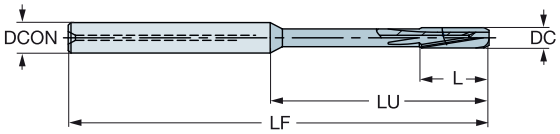
E32 E45 E36 E60 E50

Escariador de metal duro integral CoroReamer™ 435

Para múltiples materiales

Para agujeros pasantes

FHA	10°
CNSC	1
CXSC	2
SUBSTRATE	HF
COATING	UNCOATED



P K N

						Dimensiones, mm, pulg.													
DC	DC"	LU	LU"	CZC_{MS}	**Código de pedido**	GRADE	DCON	DCON"	OAL	OAL"	LCF	LCF"	L	L"	LF	LF"	APMX	APMX"	PHD	PHD"	BSG
11.50	.453	75.00	2.953	12	**435.T-1150-A1-XF**	H10F	12.00	.472	120.00	4.724	26.00	1.024	20.00	.787	118.27	4.656	0.3	.012	11.30	.445	COROMANT
11.97	.471	75.00	2.953	12	**435.T-1197-A1-XF**	H10F	12.00	.472	120.00	4.724	26.00	1.024	20.00	.787	118.20	4.654	0.3	.012	11.80	.465	COROMANT
11.98	.472	75.00	2.953	12	**435.T-1198-A1-XF**	H10F	12.00	.472	120.00	4.724	26.00	1.024	20.00	.787	118.20	4.654	0.3	.012	11.80	.465	COROMANT
11.99	.472	75.00	2.953	12	**435.T-1199-A1-XF**	H10F	12.00	.472	120.00	4.724	26.00	1.024	20.00	.787	118.20	4.654	0.3	.012	11.80	.465	COROMANT
12.00	.472	75.00	2.953	12	**435.T-1200-A1-XF**	H10F	12.00	.472	120.00	4.724	26.00	1.024	20.00	.787	118.20	4.654	0.3	.012	11.80	.465	COROMANT
12.01	.473	75.00	2.953	12	**435.T-1201-A1-XF**	H10F	12.00	.472	120.00	4.724	26.00	1.024	20.00	.787	118.20	4.654	0.3	.012	11.80	.465	COROMANT
12.02	.473	75.00	2.953	12	**435.T-1202-A1-XF**	H10F	12.00	.472	120.00	4.724	26.00	1.024	20.00	.787	118.19	4.653	0.3	.012	11.80	.465	COROMANT
12.03	.474	75.00	2.953	12	**435.T-1203-A1-XF**	H10F	12.00	.472	120.00	4.724	26.00	1.024	20.00	.787	118.19	4.653	0.3	.012	11.80	.465	COROMANT
13.00	.512	85.00	3.346	14	**435.T-1300-A1-XF**	H10F	14.00	.551	130.00	5.118	28.60	1.126	22.00	.866	128.05	5.041	0.3	.012	12.80	.504	COROMANT
14.00	.551	85.00	3.346	14	**435.T-1400-A1-XF**	H10F	14.00	.551	130.00	5.118	28.60	1.126	22.00	.866	127.90	5.035	0.3	.012	13.80	.543	COROMANT
15.00	.591	82.00	3.228	16	**435.T-1500-A1-XF**	H10F	16.00	.630	130.00	5.118	28.60	1.126	22.00	.866	127.75	5.030	0.3	.012	14.80	.583	COROMANT
16.00	.630	102.00	4.016	16	**435.T-1600-A1-XF**	H10F	16.00	.630	150.00	5.906	32.50	1.280	25.00	.984	147.60	5.811	0.3	.012	15.80	.622	COROMANT
17.00	.669	102.00	4.016	18	**435.T-1700-A1-XF**	H10F	18.00	.709	150.00	5.906	32.50	1.280	25.00	.984	147.45	5.805	0.3	.012	16.80	.661	COROMANT
18.00	.709	102.00	4.016	18	**435.T-1800-A1-XF**	H10F	18.00	.709	150.00	5.906	32.50	1.280	25.00	.984	147.30	5.799	0.3	.012	17.80	.701	COROMANT
19.00	.748	100.00	3.937	20	**435.T-1900-A1-XF**	H10F	20.00	.787	150.00	5.906	32.50	1.280	25.00	.984	147.14	5.793	0.3	.012	18.80	.740	COROMANT
20.00	.787	100.00	3.937	20	**435.T-2000-A1-XF**	H10F	20.00	.787	150.00	5.906	32.50	1.280	25.00	.984	146.99	5.787	0.3	.012	19.80	.780	COROMANT

Los diámetros redondos producen una tolerancia de agujero H7

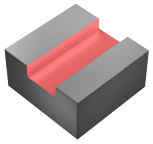
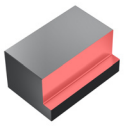
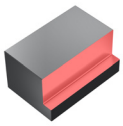
Los diámetros con centesimales producen una tolerancia de agujero más estrecha debido a la fabricación de +0.004mm

Información general

SPA

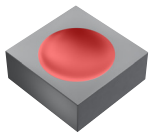
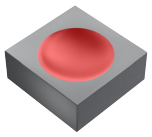
Recomendaciones de velocidad de corte

Fresa de ranurar de metal duro enteriza CoroMill® Plura para desbaste pesado
Fresa de ranurar de metal duro enteriza CoroMill® Plura para desbaste medio
Fresa de ranurar de metal duro enteriza CoroMill® Plura para desbaste con rompevirutas

					a_e = 1.0 x DC a_p = 0.5 x DC			a_e = 0.5 x DC a_p = 1.0 x DC			a_e = 0.1 x DC a_p = 1.5 x DC		
ISO	Núm. MC	CMC	Material	HB	f_z*	v_c m/min	v_c pie/min	f_z*	v_c m/min	v_c pie/min	f_z*	v_c m/min	v_c pie/min
P	P1.2.Z.AN	01.2	Acero no aleado	190	F52	145	476	F47	175	574	F55	290	951
	P2.2.Z.AN	02.2	Acero de baja aleación	240	F52	110	361	F47	135	443	F55	200	656
	P3.0.Z.HT	03.21	Acero de alta aleación	380	F52	80	262	F47	100	328	F55	170	558
M	P5.0.Z.AN	05.11	Acero inoxidable ferrítico/martensítico	200	F52	65	213	F47	80	262	F55	150	492
	M1.0.Z.AQ	05.21	Acero inoxidable austenítico	200	F51	65	213	F46	80	262	F54	120	394
	M3.2.Z.AQ	05.51	Acero inoxidable dúplex (austenítico/ferrítico)	260	F51	55	180	F46	70	230	F54	90	295
K	K1.1.C.NS	07.2	Fundición maleable	200	F52	140	459	F47	165	541	F55	150	492
	K2.1.C.UT	08.2	Fundición gris	180	F52	130	427	F47	150	492	F55	200	656
	K3.2.C.UT	09.2	Fundición nodular	215	F52	125	410	F47	145	476	F55	155	509
N	N1.2.Z.AG	30.12	Aleaciones con base de aluminio	100	F53	680	2231	F50	835	2740	F56	950	3117
	N1.3.C.UT	30.21	Aleaciones con base de aluminio	75	F53	230	755	F50	305	1001	F56	410	1345
	N1.4.C.NS	30.42	Aleaciones con base de aluminio	130	F53	100	328	F50	130	427	F56	195	640
	N3.2.C.UT	33.2	Cobre y aleaciones de cobre	90	F53	130	427	F50	170	558	F56	245	804
S	S1.0.U.AG	20.12	Superaleaciones con base de hierro	280	F51	30	98	F46	40	131	F54	50	164
	S2.0.Z.AG	20.22	Superaleaciones con base de níquel	350	F51	30	98	F46	40	131	F54	60	197
	S4.2.Z.AN	23.22	Aleaciones con base de titanio	320	F51	40	131	F46	50	164	F54	100	328

Fresa de metal duro enteriza y punta esférica CoroMill® Plura para perfilado

					a_p = 0.05 x DC			a_p = 0.01 x DC		
ISO	Núm. MC	CMC	Material	HB	f_z*	v_c m/min	v_c pie/min	f_z*	v_c m/min	v_c pie/min
P	P1.2.Z.AN	01.2	Acero no aleado	190	F07	245	804	F37	295	968
	P2.2.Z.AN	02.2	Acero de baja aleación	240	F07	180	591	F37	215	705
	P3.0.Z.HT	03.21	Acero de alta aleación	380	F07	120	394	F37	140	459
M	P5.0.Z.AN	05.11	Acero inoxidable ferrítico/martensítico	200	F07	100	328	F37	110	361
	M1.0.Z.AQ	05.21	Acero inoxidable austenítico	200	F11	90	295	F43	110	361
	M3.2.Z.AQ	05.51	Acero inoxidable dúplex (austenítico/ferrítico)	260	F11	80	262	F43	90	295
K	K1.1.C.NS	07.2	Fundición maleable	200	F07	180	591	F37	215	705
	K2.1.C.UT	08.2	Fundición gris	180	F07	205	673	F37	245	804
	K3.2.C.UT	09.2	Fundición nodular	215	F07	165	541	F37	200	656
N	N1.2.Z.AG	30.12	Aleaciones con base de aluminio	100	F12	1345	4413	F45	1345	4413
	N1.3.C.UT	30.21	Aleaciones con base de aluminio	75	F12	920	3018	F45	1105	3625
	N1.4.C.NS	30.42	Aleaciones con base de aluminio	130	F12	330	1083	F45	395	1296
	N3.2.C.UT	33.2	Cobre y aleaciones de cobre	90	F12	520	1706	F45	625	2051
S	S1.0.U.AG	20.12	Superaleaciones con base de hierro	280	F11	50	164	F43	70	230
	S2.0.Z.AG	20.22	Superaleaciones con base de níquel	350	F11	40	131	F43	55	180
	S4.2.Z.AN	23.22	Aleaciones con base de titanio	320	F11	80	262	F43	105	344

*Para las recomendaciones de avance, compare el código f_z con el código correspondiente en la página E5

Recomendaciones de velocidad de corte

Fresa de ranurar de metal duro enteriza CoroMill® Plura para fresado de chaflanes

a_e = 0.1 x DC

a_p = 0.1 x DC

ISO	Núm. MC	CMC	Material	HB	f_z*	v_c m/min	v_c pie/min
P	P1.2.Z.AN	01.2	Acero no aleado	190	F06	320	1050
	P2.2.Z.AN	02.2	Acero de baja aleación	240	F06	220	722
	P3.0.Z.HT	03.21	Acero de alta aleación	380	F06	130	427
M	P5.0.Z.AN	05.11	Acero inoxidable ferrítico/martensítico	200	F06	90	295
	M1.0.Z.AQ	05.21	Acero inoxidable austenítico	200	F10	110	361
	M3.2.Z.AQ	05.51	Acero inoxidable dúplex (austenítico/ferrítico)	260	F10	70	230
K	K1.1.C.NS	07.2	Fundición maleable	200	F06	240	787
	K2.1.C.UT	08.2	Fundición gris	180	F06	240	787
	K3.2.C.UT	09.2	Fundición nodular	215	F06	215	705
N	N1.2.Z.AG	30.12	Aleaciones con base de aluminio	100	F24	2300	7546
	N1.3.C.UT	30.21	Aleaciones con base de aluminio	75	F24	370	1214
	N1.4.C.NS	30.42	Aleaciones con base de aluminio	130	F24	240	787
	N3.2.C.UT	33.2	Cobre y aleaciones de cobre	90	F24	680	2231
S	S1.0.U.AG	20.12	Superaleaciones con base de hierro	280	F10	50	164
	S2.0.Z.AG	20.22	Superaleaciones con base de níquel	350	F10	50	164
	S4.2.Z.AN	23.22	Aleaciones con base de titanio	320	F10	90	295
H	H1.1.Z.HA	04.1	Acero - Nivel de dureza 50	50HRC	F10	70	230

*Para las recomendaciones de avance, compare el código f_z con el código correspondiente en la página E5

SPA

Recomendaciones de velocidad de avance

CoroMill® Plura

Versión métrica

D_c	mm	0.500	1.000	2.000	3.000	4.000	6.000	6.350	7.938	8.000	9.525	10.000	12.000	12.700	14.000	15.875	16.000	18.000	19.050	20.000	25.000	25.400
F1	mm/diente	-	0.0100	0.0200	0.0200	0.0200	0.0400	0.0400	0.0600	0.0600	0.0700	0.0700	0.0800	0.0800	0.1000	0.1100	0.1100	0.1200	0.1200	0.1200	0.1200	0.1200
F2	mm/diente	-	0.010	0.030	0.040	0.040	0.050	0.050	0.080	0.080	0.110	0.120	0.120	0.120	0.120	0.140	0.140	0.140	0.160	0.170	0.190	0.190
F3	mm/diente	-	0.020	0.040	0.050	0.060	0.080	0.080	0.120	0.120	0.140	0.140	0.140	0.140	0.140	0.140	0.140	0.160	0.210	0.210	0.240	0.240
F4	mm/diente	0.010	0.010	0.020	0.020	0.020	0.030	0.030	0.050	0.050	0.060	0.060	0.070	0.070	0.080	0.090	0.090	0.100	0.100	0.100	0.100	0.100
F5	mm/diente	0.010	0.010	0.020	0.030	0.030	0.040	0.040	0.070	0.070	0.100	0.100	0.100	0.100	0.100	0.120	0.120	0.120	0.120	0.140	0.160	0.160
F6	mm/diente	-	0.020	0.030	0.040	0.050	0.070	0.070	0.100	0.100	0.120	0.120	0.120	0.120	0.120	0.120	0.120	0.150	0.180	0.200	0.200	0.200
F7	mm/diente	0.010	0.020	0.030	0.050	0.060	0.080	0.080	0.120	0.120	0.150	0.150	0.150	0.150	0.150	0.160	0.160	0.180	0.200	0.200	0.250	0.250
F8	mm/diente	0.010	0.010	0.020	0.020	0.020	0.020	0.020	0.040	0.040	0.050	0.050	0.060	0.060	0.060	0.070	0.070	0.080	0.080	0.080	0.080	0.080
F9	mm/diente	0.010	0.010	0.020	0.020	0.020	0.040	0.040	0.060	0.060	0.080	0.080	0.080	0.080	0.080	0.100	0.100	0.100	0.100	0.110	0.130	0.130
F10	mm/diente	-	0.020	0.020	0.030	0.040	0.060	0.060	0.080	0.080	0.100	0.100	0.100	0.100	0.100	0.100	0.120	0.120	0.140	0.160	0.160	0.160
F11	mm/diente	0.015	0.020	0.030	0.040	0.050	0.060	0.060	0.100	0.100	0.120	0.120	0.120	0.120	0.120	0.140	0.140	0.150	0.160	0.160	0.200	0.200
F12	mm/diente	0.035	0.060	0.080	0.100	0.130	0.180	0.180	0.260	0.260	0.330	0.330	0.330	0.330	0.350	0.380	0.380	0.400	0.430	0.440	0.500	0.500
F13	mm/diente	-	-	0.016	0.024	0.032	0.072	0.076	0.095	0.096	0.143	0.150	0.180	0.191	0.210	0.238	0.240	0.270	0.286	0.300	0.375	0.375
F14	mm/diente	-	-	0.012	0.018	0.024	0.060	0.064	0.079	0.080	0.124	0.130	0.156	0.165	0.182	0.206	0.208	0.234	0.248	0.260	0.325	0.325
F15	mm/diente	-	-	0.008	0.012	0.016	0.036	0.038	0.048	0.048	0.071	0.075	0.090	0.095	0.105	0.119	0.120	0.135	0.143	0.150	0.188	0.188
F16	mm/diente	-	-	-	-	-	0.072	0.076	0.086	0.086	0.114	0.120	0.144	0.152	0.168	0.191	0.192	0.216	0.229	0.240	-	-
F17	mm/diente	-	-	-	-	-	0.060	0.064	0.071	0.072	0.099	0.104	0.125	0.132	0.146	0.165	0.166	0.187	0.198	0.208	-	-
F18	mm/diente	-	-	-	-	-	0.036	0.038	0.048	0.048	0.057	0.060	0.072	0.076	0.084	0.095	0.096	0.108	0.114	0.120	-	-
F19	mm/diente	-	-	-	-	-	0.070	0.070	0.080	0.080	0.080	0.080	0.090	0.090	0.100	0.100	0.100	0.150	0.150	0.160	0.190	0.190
F20	mm/diente	-	-	-	-	-	0.060	0.060	0.060	0.060	0.070	0.070	0.070	0.070	0.080	0.080	0.080	0.130	0.130	0.140	0.160	0.160
F21	mm/diente	-	-	-	-	-	0.040	0.040	0.050	0.050	0.050	0.050	0.060	0.060	0.070	0.070	0.070	0.120	0.120	0.130	0.150	0.150
F22	mm/diente	-	0.020	0.040	0.040	0.040	0.072	0.072	0.110	0.110	0.130	0.130	0.150	0.150	0.180	0.200	0.200	0.220	0.220	0.220	0.220	0.220
F23	mm/diente	-	0.030	0.060	0.070	0.070	0.100	0.100	0.170	0.170	0.220	0.220	0.220	0.220	0.220	0.260	0.260	0.260	0.310	0.310	0.350	0.350
F24	mm/diente	-	0.040	0.070	0.070	0.110	0.150	0.150	0.200	0.200	0.260	0.260	0.260	0.260	0.260	0.260	0.260	0.330	0.440	0.440	0.440	0.440
F25	mm/diente	-	0.010	0.010	0.010	0.020	0.020	0.020	0.030	0.030	0.040	0.040	0.050	0.050	0.060	0.070	0.070	-	-	-	-	-
F26	mm/diente	-	0.010	0.020	0.020	0.030	0.040	0.040	0.060	0.060	0.080	0.080	0.100	0.100	0.120	0.140	0.140	-	-	-	-	-
F27	mm/diente	-	-	0.020	0.024	0.028	0.035	0.036	0.042	0.043	0.048	0.050	0.057	0.059	0.063	0.070	0.070	0.077	0.080	0.083	0.100	-
F28	mm/diente	-	-	0.024	0.030	0.036	0.047	0.049	0.058	0.059	0.067	0.070	0.080	0.084	0.090	0.099	0.100	0.110	0.115	0.120	0.145	-
F29	mm/diente	-	-	0.028	0.035	0.041	0.054	0.056	0.067	0.067	0.077	0.080	0.093	0.098	0.107	0.119	0.120	0.133	0.140	0.147	0.180	-
F30	mm/diente	-	-	0.020	0.023	0.025	0.030	0.031	0.035	0.035	0.039	0.040	0.047	0.049	0.053	0.060	0.060	0.067	0.070	0.073	0.090	-
F31	mm/diente	-	-	0.020	0.023	0.025	0.037	0.040	0.051	0.052	0.063	0.067	0.076	0.079	0.084	0.093	0.093	0.102	0.107	0.111	0.133	-
F32	mm/diente	-	-	0.020	0.023	0.026	0.044	0.047	0.061	0.062	0.076	0.080	0.090	0.094	0.100	0.109	0.110	0.120	0.125	0.130	0.200	-
F33	mm/diente	-	-	0.020	0.020	0.020	0.020	0.021	0.027	0.028	0.033	0.035	0.038	0.040	0.042	0.045	0.045	0.048	0.050	0.052	0.060	-
F34	mm/diente	-	-	0.024	0.026	0.029	0.033	0.034	0.037	0.038	0.041	0.042	0.048	0.050	0.054	0.060	0.060	0.066	0.069	0.072	0.087	-
F35	mm/diente	-	-	0.030	0.033	0.035	0.040	0.041	0.045	0.045	0.049	0.050	0.070	0.077	0.091	0.110	0.111	0.131	0.142	0.152	0.203	-
F36	mm/diente	0.010	0.010	0.020	0.030	0.040	0.050	0.050	0.080	0.080	0.100	0.100	0.120	0.120	0.120	0.120	0.120	0.120	0.150	0.150	0.200	0.200
F37	mm/diente	-	0.030	0.050	0.080	0.100	0.120	0.120	0.150	0.150	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.250	0.250	0.250	0.250
F38	mm/diente	0.020	0.020	0.040	0.040	0.050	0.070	0.070	0.110	0.110	0.130	0.130	0.150	0.150	0.180	0.200	0.200	0.220	0.220	0.220	0.220	0.220
F39	mm/diente	0.020	0.030	0.060	0.070	0.070	0.100	0.100	0.160	0.160	0.220	0.220	0.220	0.220	0.220	0.260	0.260	0.260	0.310	0.310	0.350	0.350
F40	mm/diente	-	-	-	0.070	0.100	0.160	0.160	0.250	0.250	0.300	0.300	0.350	0.350	0.400	0.500	0.500	0.600	0.700	0.700	0.700	0.700
F41	mm/diente	-	-	-	0.060	0.080	0.130	0.130	0.200	0.200	0.240	0.240	0.280	0.280	0.320	0.400	0.400	0.480	0.560	0.560	0.560	0.560
F42	mm/diente	0.020	0.010	0.020	0.020	0.040	0.045	0.045	0.060	0.060	0.090	0.090	0.100	0.100	0.100	0.100	0.100	0.100	0.120	0.120	0.160	0.160
F43	mm/diente	-	0.020	0.040	0.065	0.080	0.100	0.100	0.120	0.120	0.160	0.160	0.160	0.160	0.160	0.160	0.160	0.160	0.200	0.200	0.200	0.200
F44	mm/diente	-	0.030	0.060	0.070	0.090	0.120	0.120	0.180	0.180	0.235	0.235	0.260	0.260	0.260	0.260	0.260	0.280	0.330	0.330	0.440	0.440
F45	mm/diente	-	0.070	0.110	0.175	0.220	0.260	0.260	0.330	0.330	0.440	0.440	0.440	0.440	0.440	0.440	0.440	0.440	0.500	0.500	0.500	0.500
F46	mm/diente	-	0.001	0.003	0.005	0.008	0.013	0.013	0.020	0.020	0.027	0.027	0.035	0.035	0.040	0.050	0.050	0.055	0.060	0.060	0.080	0.080
F47	mm/diente	-	0.002	0.004	0.008	0.012	0.020	0.020	0.030	0.030	0.040	0.040	0.050	0.050	0.060	0.070	0.070	0.080	0.090	0.090	0.115	0.115
F48	mm/diente	-	0.001	0.004	0.007	0.011	0.017	0.017	0.027	0.027	0.036	0.036	0.047	0.047	0.053	0.067	0.067	0.073	0.080	0.080	0.106	0.106
F49	mm/diente	-	0.003	0.005	0.011	0.016	0.027	0.027	0.040	0.040	0.053	0.053	0.067	0.067	0.080	0.093	0.093	0.011	0.120	0.120	0.153	0.153
F50	mm/diente	-	0.003	0.005	0.010	0.015	0.025	0.025	0.040	0.040	0.050	0.050	0.065	0.065	0.080	0.090	0.090	0.105	0.120	0.120	0.155	0.155
F51	mm/diente	-	0.002	0.005	0.009	0.013	0.020	0.020	0.023	0.023	0.035	0.035	0.040	0.040	0.050	0.055	0.055	0.060	0.070	0.070	0.080	0.080
F52	mm/diente	-	0.003	0.007	0.013	0.020	0.030	0.030	0.040	0.040	0.050	0.050	0.060	0.060	0.070	0.080	0.080	0.090	0.100	0.100	0.110	0.110
F53	mm/diente	-	0.004	0.009	0.017	0.025	0.040	0.040	0.045	0.045	0.065	0.065	0.080	0.080	0.090	0.105	0.105	0.120	0.130	0.130	0.140	0.140
F54	mm/diente	-	0.002	0.006	0.010	0.016	0.027	0.027	0.041	0.041	0.055	0.055	0.072	0.072	0.082	0.103	0.103	0.113	0.123	0.123	0.164	0.164
F55	mm/diente	-	0.004	0.008	0.016	0.025	0.041	0.041	0.062	0.062	0.082	0.082	0.103	0.103	0.123	0.144	0.144	0.164	0.185	0.185	0.236	0.236
F56	mm/diente	-	0.006	0.010	0.021	0.031	0.051	0.051	0.082	0.082	0.103	0.103	0.133	0.133	0.164	0.185	0.185	0.215	0.246	0.246	0.318	0.318

Recomendaciones de velocidad de avance

CoroMill® Plura

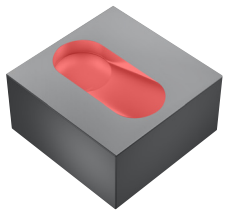
Versión en pulgadas

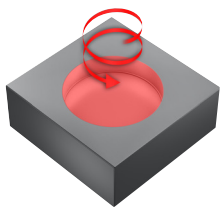
D_c	pulg.	.020	.039	.079	.118	.157	.236	.250	.313	.315	.375	.394	.472	.500	.551	.625	.630	.709	.750	.787	.984	1.000
F1	pulg./diente	-	.0004	.0008	.0008	.0008	.0016	.0016	.0024	.0024	.0028	.0028	.0031	.0031	.0039	.0043	.0043	.0047	.0047	.0047	.0047	.0047
F2	pulg./diente	-	.0004	.0012	.0016	.0016	.0020	.0020	.0031	.0031	.0043	.0047	.0047	.0047	.0047	.0055	.0055	.0055	.0063	.0067	.0075	.0075
F3	pulg./diente	-	.0008	.0016	.0020	.0024	.0031	.0031	.0047	.0047	.0055	.0055	.0055	.0055	.0055	.0055	.0055	.0063	.0083	.0083	.0094	.0094
F4	pulg./diente	.0004	.0004	.0008	.0008	.0008	.0012	.0012	.0020	.0020	.0024	.0024	.0028	.0028	.0031	.0035	.0035	.0039	.0039	.0039	.0039	.0039
F5	pulg./diente	.0004	.0004	.0008	.0012	.0012	.0016	.0016	.0028	.0028	.0039	.0039	.0039	.0039	.0039	.0047	.0047	.0047	.0047	.0047	.0055	.0063	.0063
F6	pulg./diente	-	.0008	.0012	.0016	.0020	.0028	.0028	.0039	.0039	.0047	.0047	.0047	.0047	.0047	.0047	.0047	.0059	.0071	.0079	.0079	.0079
F7	pulg./diente	.0004	.0008	.0012	.0020	.0024	.0031	.0031	.0047	.0047	.0059	.0059	.0059	.0059	.0059	.0063	.0063	.0071	.0079	.0079	.0098	.0098
F8	pulg./diente	.0004	.0004	.0008	.0008	.0008	.0008	.0008	.0016	.0016	.0020	.0020	.0024	.0024	.0024	.0028	.0028	.0031	.0031	.0031	.0031	.0031
F9	pulg./diente	.0004	.0004	.0008	.0008	.0008	.0016	.0016	.0024	.0024	.0031	.0031	.0031	.0031	.0031	.0039	.0039	.0039	.0039	.0043	.0051	.0051
F10	pulg./diente	-	.0008	.0008	.0012	.0016	.0024	.0024	.0031	.0031	.0039	.0039	.0039	.0039	.0039	.0039	.0047	.0047	.0055	.0063	.0063	.0063
F11	pulg./diente	.0006	.0008	.0012	.0016	.0020	.0024	.0024	.0039	.0039	.0047	.0047	.0047	.0047	.0047	.0055	.0055	.0059	.0063	.0063	.0079	.0079
F12	pulg./diente	.0014	.0024	.0031	.0039	.0051	.0071	.0071	.0102	.0102	.0130	.0130	.0130	.0130	.0138	.0150	.0150	.0157	.0169	.0173	.0197	.0197
F13	pulg./diente	-	-	.0006	.0009	.0013	.0028	.0030	.0038	.0038	.0056	.0059	.0071	.0075	.0083	.0094	.0094	.0106	.0113	.0118	.0148	.0148
F14	pulg./diente	-	-	.0005	.0007	.0009	.0024	.0025	.0031	.0031	.0049	.0051	.0061	.0065	.0072	.0081	.0082	.0092	.0098	.0102	.0128	.0128
F15	pulg./diente	-	-	.0003	.0005	.0006	.0014	.0015	.0019	.0019	.0028	.0030	.0035	.0038	.0041	.0047	.0047	.0053	.0056	.0059	.0074	.0074
F16	pulg./diente	-	-	-	-	-	.0028	.0030	.0034	.0034	.0045	.0047	.0057	.0060	.0066	.0075	.0076	.0085	.0090	.0094	-	-
F17	pulg./diente	-	-	-	-	-	.0024	.0025	.0028	.0028	.0039	.0041	.0049	.0052	.0057	.0065	.0066	.0074	.0078	.0082	-	-
F18	pulg./diente	-	-	-	-	-	.0014	.0015	.0019	.0019	.0023	.0024	.0028	.0030	.0033	.0038	.0038	.0043	.0045	.0047	-	-
F19	pulg./diente	-	-	-	-	-	.0028	.0028	.0031	.0031	.0031	.0031	.0035	.0035	.0039	.0039	.0039	.0059	.0059	.0063	.0075	.0075
F20	pulg./diente	-	-	-	-	-	.0024	.0024	.0024	.0024	.0028	.0028	.0028	.0028	.0031	.0031	.0031	.0051	.0051	.0055	.0063	.0063
F21	pulg./diente	-	-	-	-	-	.0016	.0016	.0020	.0020	.0020	.0020	.0024	.0024	.0028	.0028	.0028	.0047	.0047	.0051	.0059	.0059
F22	pulg./diente	-	.0008	.0016	.0016	.0016	.0028	.0028	.0043	.0043	.0051	.0051	.0059	.0059	.0071	.0079	.0079	.0087	.0087	.0087	.0087	.0087
F23	pulg./diente	-	.0012	.0024	.0028	.0028	.0039	.0039	.0067	.0067	.0087	.0087	.0087	.0087	.0087	.0102	.0102	.0102	.0122	.0122	.0138	.0138
F24	pulg./diente	-	.0016	.0028	.0028	.0043	.0059	.0059	.0079	.0079	.0102	.0102	.0102	.0102	.0102	.0102	.0102	.0130	.0173	.0173	.0173	.0173
F25	pulg./diente	-	.0004	.0004	.0004	.0008	.0008	.0008	.0012	.0012	.0016	.0016	.0020	.0020	.0024	.0028	.0028	-	-	-	-	-
F26	pulg./diente	-	.0004	.0008	.0008	.0012	.0016	.0016	.0024	.0024	.0031	.0031	.0039	.0039	.0047	.0055	.0055	-	-	-	-	-
F27	pulg./diente	-	-	.0008	.0009	.0011	.0014	.0014	.0017	.0017	.0019	.0020	.0022	.0023	.0025	.0027	.0028	.0030	.0032	.0033	.0039	-
F28	pulg./diente	-	-	.0009	.0012	.0014	.0019	.0019	.0023	.0023	.0026	.0028	.0031	.0033	.0035	.0039	.0039	.0043	.0045	.0047	.0057	-
F29	pulg./diente	-	-	.0011	.0014	.0016	.0021	.0022	.0026	.0026	.0030	.0031	.0037	.0039	.0042	.0047	.0047	.0052	.0055	.0058	.0071	-
F30	pulg./diente	-	-	.0008	.0009	.0010	.0012	.0012	.0014	.0014	.0015	.0016	.0018	.0019	.0021	.0023	.0024	.0026	.0028	.0029	.0035	-
F31	pulg./diente	-	-	.0008	.0009	.0010	.0015	.0016	.0020	.0020	.0025	.0026	.0030	.0031	.0033	.0037	.0037	.0040	.0042	.0044	.0052	-
F32	pulg./diente	-	-	.0008	.0009	.0010	.0017	.0019	.0024	.0024	.0030	.0031	.0035	.0037	.0039	.0043	.0043	.0047	.0049	.0051	.0079	-
F33	pulg./diente	-	-	.0008	.0008	.0008	.0008	.0008	.0011	.0011	.0013	.0014	.0015	.0016	.0016	.0018	.0018	.0019	.0020	.0020	.0024	-
F34	pulg./diente	-	-	.0009	.0010	.0011	.0013	.0013	.0015	.0015	.0016	.0017	.0019	.0020	.0021	.0023	.0024	.0026	.0027	.0028	.0034	-
F35	pulg./diente	-	-	.0012	.0013	.0014	.0016	.0016	.0018	.0018	.0019	.0020	.0028	.0030	.0036	.0043	.0044	.0052	.0056	.0060	.0080	-
F36	pulg./diente	.0004	.0004	.0008	.0012	.0016	.0020	.0020	.0031	.0031	.0039	.0039	.0047	.0047	.0047	.0047	.0047	.0047	.0059	.0059	.0079	.0079
F37	pulg./diente	.0000	.0012	.0020	.0031	.0039	.0047	.0047	.0059	.0059	.0079	.0079	.0079	.0079	.0079	.0079	.0079	.0079	.0098	.0098	.0098	.0098
F38	pulg./diente	.0008	.0008	.0016	.0016	.0020	.0028	.0028	.0043	.0043	.0051	.0051	.0059	.0059	.0071	.0079	.0079	.0087	.0087	.0087	.0087	.0087
F39	pulg./diente	.0008	.0012	.0024	.0028	.0028	.0039	.0039	.0063	.0063	.0087	.0087	.0087	.0087	.0087	.0102	.0102	.0102	.0122	.0122	.0138	.0138
F40	pulg./diente	-	-	-	.0028	.0039	.0063	.0063	.0098	.0098	.0118	.0118	.0138	.0138	.0157	.0197	.0197	.0236	.0276	.0276	.0276	.0276
F41	pulg./diente	-	-	-	.0024	.0031	.0051	.0051	.0079	.0079	.0094	.0094	.0110	.0110	.0126	.0157	.0157	.0189	.0220	.0220	.0220	.0220
F42	pulg./diente	.0008	.0004	.0008	.0008	.0016	.0018	.0018	.0024	.0024	.0035	.0035	.0039	.0039	.0039	.0039	.0039	.0039	.0047	.0047	.0063	.0063
F43	pulg./diente	-	.0008	.0016	.0026	.0031	.0039	.0039	.0047	.0047	.0063	.0063	.0063	.0063	.0063	.0063	.0063	.0063	.0079	.0079	.0079	.0079
F44	pulg./diente	-	.0012	.0024	.0028	.0035	.0047	.0047	.0071	.0071	.0093	.0093	.0102	.0102	.0102	.0102	.0102	.0110	.0130	.0130	.0173	.0173
F45	pulg./diente	-	.0028	.0043	.0069	.0087	.0102	.0102	.0130	.0130	.0173	.0173	.0173	.0173	.0173	.0173	.0173	.0173	.0197	.0197	.0197	.0197
F46	pulg./diente	-	.0001	.0001	.0002	.0003	.0005	.0005	.0008	.0008	.0011	.0011	.0014	.0014	.0016	.0020	.0020	.0022	.0024	.0024	.0031	.0031
F47	pulg./diente	-	.0002	.0002	.0003	.0005	.0008	.0008	.0012	.0012	.0016	.0016	.0020	.0020	.0024	.0028	.0028	.0031	.0035	.0035	.0045	.0045
F48	pulg./diente	-	.0001	.0002	.0003	.0004	.0007	.0007	.0011	.0011	.0014	.0014	.0019	.0019	.0021	.0026	.0026	.0029	.0031	.0031	.0042	.0042
F49	pulg./diente	-	.0001	.0002	.0004	.0006	.0010	.0010	.0016	.0016	.0021	.0021	.0026	.0026	.0031	.0037	.0037	.0004	.0047	.0047	.0060	.0060
F50	pulg./diente	-	.0001	.0002	.0004	.0006	.0010	.0010	.0016	.0016	.0020	.0020	.0026	.0026	.0031	.0035	.0035	.0041	.0047	.0047	.0061	.0061
F51	pulg./diente	-	.0002	.0002	.0004	.0005	.0008	.0008	.0009	.0009	.0014	.0014	.0016	.0016	.0020	.0022	.0022	.0024	.0028	.0028	.0031	.0031
F52	pulg./diente	-	.0001	.0003	.0005	.0008	.0012	.0012	.0016	.0016	.0020	.0020	.0024	.0024	.0028	.0031	.0031	.0035	.0039	.0039	.0043	.0043
F53	pulg./diente	-	.0002	.0004	.0007	.0010	.0016	.0016	.0018	.0018	.0026	.0026	.0031	.0031	.0035	.0041	.0041	.0047	.0051	.0051	.0055	.0055
F54	pulg./diente	-	.0002	.0002	.0004	.0006	.0010	.0010	.0016	.0016	.0022	.0022	.0028	.0028	.0032	.0040	.0040	.0044	.0048	.0048	.0065	.0065
F55	pulg./diente	-	.0002	.0003	.0006	.0010	.0016	.0016	.0024	.0024	.0032	.0032	.0040	.0040	.0048	.0056	.0056	.0065	.0073	.0073	.0093	.0093
F56	pulg./diente	-	.0002	.0004	.0008	.0012	.0020	.0020	.0032	.0032	.0040	.0040	.0052	.0052	.0065	.0073	.0073	.0085	.0097	.0097	.0125	.0125

SPA

Ángulo de mecanizado en rampa máximo

CoroMill® Plura





ISO	Material	Número de dientes (ZEFP) ≤ 2	3	4	5	≥ 6
P	Acero (Dureza <300HB)	9	7	5	5	≤ 4
	Acero (Dureza >300HB)	7	5	4	3	≤ 3
M	Acero inoxidable	5	5	5	4	≤ 4
K	Fundición	10	10	8	6	≤ 5
N	Metales no-férreos	15	12	10	10	≤ 10
S	Superaleaciones y titanio	5	5	4	4	≤ 3
H	Materiales duros	2	2	1.5	1.5	≤ 1.5
O	No ISO	15	12	10	10	≤ 10

Calidades para fresado

	P	M	K	N	S	H	O	Con refrigerante	Sin refrigerante	Descripción
1620	+	++	+	++		+		✓	✓	Calidad versátil similar a 1630. Buen rendimiento en la mayoría de materiales. Gran resistencia al desgaste. Más fuerte en ISO S e ISO M que la calidad 1630. Preferiblemente para mecanizado sin refrigerante.
1630	++	+	++	+	+		+	✓	✓	Calidad versátil similar a 1620. Buen rendimiento en la mayoría de materiales. Más fuerte en ISO P e ISO K que la calidad 1620. Preferiblemente para mecanizado sin refrigerante.
1640	+	++	+		++			✓	✓	Calidad muy tenaz para cargas de viruta elevadas (gran a_e). Buen rendimiento en la mayoría de materiales. Buen rendimiento al mecanizar con refrigerante. Indicada para condiciones inestables.

CoroDrill® 460

Suministro de refrigerante interior, valores en sistema métrico

2 – 3 x DC

ISO	Núm. MC	Material	Dureza Brinell HB	Velocidad de corte (V_c) m/min
P		**Acero no aleado**		(mín.-inicio-máx.)
	P1.1.Z.AN	C = 0.05–0.10 %	125	100-125-150
	P1.1.Z.AN	C = 0.1–0.25%	125	100-125-150
	P1.2.Z.AN	C = 0.25–0.55%	150	88-110-132
	P1.3.Z.AN	C = 0.55–0.80%	170	88-110-132
		Acero de alto cont. en carbono		
	P1.3.Z.AN	Acero de herramientas al carbono	210	88-110-132
		Acero de baja aleación		
	P2.1.Z.AN	No templado	175	88-110-132
	P2.5.Z.HT.1	Endurecido y templado	275	60-75-90
	P2.5.Z.HT.2	Endurecido y templado	350	52-65-78
		Acero de alta aleación		
	P3.0.Z.AN	Recocido	200	76-95-114
	P3.0.Z.HT.1	Acero de herram. templado	300	52-65-78
		Acero fundido		
	P1.5.C.UT	No aleado	150	88-110-132
	P2.6.C.UT	Baja aleación (elementos de aleación ≤ 5%)	200	76-95-114
M		**Acero inoxidable**		
	M1.0.Z.AQ	Austenítico	200	32-40-48
	M2.0.Z.AQ	Superaustenítico Ni≥20%	200	32-40-48
	M3.1.Z.AQ	Dúplex (austenítico/ferrítico)	230	28-35-42
	M3.2.Z.AQ	Dúplex (austenítico/ferrítico)	260	28-35-42
	M1.0.C.UT	Austenítico	200	32-40-48
	M2.0.C.AQ	Superaustenítico Ni≥20%	200	32-40-48
	M3.1.C.AQ	Dúplex (austenítico/ferrítico)	230	28-35-42
K		**Fundición maleable**		
	K1.1.C.NS	Ferrítico Perlítico	200	64-80-96
		Fundición gris		
	K2.1.C.UT	Baja resistencia a la tracción	180	88-110-132
	K2.2.C.UT	Alta resistencia a la tracción	245	88-110-132
	K2.3.C.UT	Austenítico	175	64-80-96
		Fundición nodular		
	K3.1.C.UT	Ferrítica	155	64-80-96
	K3.2.C.UT	Ferrítico Perlítico	215	64-80-96
	K3.3.C.UT	Perlítica	265	64-80-96
	K3.5.C.UT	Austenítico	190	64-80-96
	K5.1.C.NS	ADI	300	64-80-96
N		**Aleaciones con base de aluminio**		
	N1.2.Z.UT	Puro comercial	60	200-250-300
	N1.2.Z.AG	Aleaciones AlSi, Si ≤ 1%	100	200-250-300
	N1.3.C.UT	Fundida, no envejecida	75	200-250-300
	N1.3.C.AG	Fundición, o fundición y envejecido	90	160-200-240
	N1.4.C.NS	Aleaciones de fundición AlSi, Si ≥ 13%	130	120-150-180
		Aleaciones con base de cobre		
	N3.3.U.UT	Aleaciones para corte sin problemas basadas en cobre (Pb>1%)	110	176-220-264
	N3.1.U.UT	Aleaciones de cobre sin plomo (incl. cobre electrolítico)	100	100-125-150
S		**Titanio**		
	S4.1.Z.UT		200	44-55-66
	S4.2.Z.AN		320	32-40-48
	S4.4.Z.AN		330	32-40-48
H	H1.1.Z.HA	Acero extra duro: templado y revenido	50HRC	24-30-36
	H2.0.C.UT.4	Fundición en coquilla	64HRC	20-25-30

CoroDrill® 460

Suministro de refrigerante interior, valores en sistema métrico

2 – 3 x DC

Diám. de taladrado, mm							
3	4	6	8	10	12	16	20
Avance f_n mm/r (mín.-inicio-máx.)							
0.104-0.130-0.156	0.120-0.150-0.180	0.160-0.200-0.240	0.208-0.260-0.312	0.264-0.330-0.396	0.304-0.380-0.456	0.344-0.430-0.516	0.360-0.450-0.540
0.104-0.130-0.156	0.120-0.150-0.180	0.160-0.200-0.240	0.208-0.260-0.312	0.264-0.330-0.396	0.304-0.380-0.456	0.344-0.430-0.516	0.360-0.450-0.540
0.104-0.130-0.156	0.120-0.150-0.180	0.160-0.200-0.240	0.208-0.260-0.312	0.264-0.330-0.396	0.304-0.380-0.456	0.344-0.430-0.516	0.360-0.450-0.540
0.104-0.130-0.156	0.120-0.150-0.180	0.160-0.200-0.240	0.208-0.260-0.312	0.264-0.330-0.396	0.304-0.380-0.456	0.344-0.430-0.516	0.360-0.450-0.540
0.104-0.130-0.156	0.120-0.150-0.180	0.160-0.200-0.240	0.208-0.260-0.312	0.264-0.330-0.396	0.304-0.380-0.456	0.344-0.430-0.516	0.360-0.450-0.540
0.104-0.130-0.156	0.120-0.150-0.180	0.160-0.200-0.240	0.208-0.260-0.312	0.264-0.330-0.396	0.304-0.380-0.456	0.344-0.430-0.516	0.360-0.450-0.540
0.080-0.100-0.120	0.092-0.115-0.138	0.122-0.153-0.184	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.336	0.256-0.320-0.384	0.272-0.340-0.408
0.056-0.070-0.084	0.064-0.080-0.096	0.086-0.107-0.128	0.112-0.140-0.168	0.136-0.170-0.204	0.160-0.200-0.240	0.184-0.230-0.276	0.192-0.240-0.288
0.080-0.100-0.120	0.092-0.115-0.138	0.122-0.153-0.184	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.336	0.256-0.320-0.384	0.272-0.340-0.408
0.056-0.070-0.084	0.064-0.080-0.096	0.086-0.107-0.128	0.112-0.140-0.168	0.136-0.170-0.204	0.160-0.200-0.240	0.184-0.230-0.276	0.192-0.240-0.288
0.104-0.130-0.156	0.120-0.150-0.180	0.160-0.200-0.240	0.208-0.260-0.312	0.264-0.330-0.396	0.304-0.380-0.456	0.344-0.430-0.516	0.360-0.450-0.540
0.080-0.100-0.120	0.092-0.115-0.138	0.122-0.153-0.184	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.336	0.256-0.320-0.384	0.272-0.340-0.408
0.080-0.100-0.120	0.092-0.115-0.138	0.122-0.153-0.184	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.336	0.256-0.320-0.384	0.272-0.340-0.408
0.080-0.100-0.120	0.092-0.115-0.138	0.122-0.153-0.184	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.336	0.256-0.320-0.384	0.272-0.340-0.408
0.056-0.070-0.084	0.064-0.080-0.096	0.086-0.107-0.128	0.112-0.140-0.168	0.136-0.170-0.204	0.160-0.200-0.240	0.184-0.230-0.276	0.192-0.240-0.288
0.056-0.070-0.084	0.064-0.080-0.096	0.086-0.107-0.128	0.112-0.140-0.168	0.136-0.170-0.204	0.160-0.200-0.240	0.184-0.230-0.276	0.192-0.240-0.288
0.080-0.100-0.120	0.092-0.115-0.138	0.122-0.153-0.184	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.336	0.256-0.320-0.384	0.272-0.340-0.408
0.080-0.100-0.120	0.092-0.115-0.138	0.122-0.153-0.184	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.336	0.256-0.320-0.384	0.272-0.340-0.408
0.056-0.070-0.084	0.064-0.080-0.096	0.086-0.107-0.128	0.112-0.140-0.168	0.136-0.170-0.204	0.160-0.200-0.240	0.184-0.230-0.276	0.192-0.240-0.288
0.080-0.100-0.120	0.092-0.115-0.138	0.122-0.153-0.184	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.336	0.256-0.320-0.384	0.272-0.340-0.408
0.104-0.130-0.156	0.120-0.150-0.180	0.160-0.200-0.240	0.208-0.260-0.312	0.264-0.330-0.396	0.304-0.380-0.456	0.344-0.430-0.516	0.360-0.450-0.540
0.104-0.130-0.156	0.120-0.150-0.180	0.160-0.200-0.240	0.208-0.260-0.312	0.264-0.330-0.396	0.304-0.380-0.456	0.344-0.430-0.516	0.360-0.450-0.540
0.080-0.100-0.120	0.092-0.115-0.138	0.122-0.153-0.184	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.336	0.256-0.320-0.384	0.272-0.340-0.408
0.080-0.100-0.120	0.092-0.115-0.138	0.122-0.153-0.184	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.336	0.256-0.320-0.384	0.272-0.340-0.408
0.080-0.100-0.120	0.092-0.115-0.138	0.122-0.153-0.184	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.336	0.256-0.320-0.384	0.272-0.340-0.408
0.080-0.100-0.120	0.092-0.115-0.138	0.122-0.153-0.184	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.336	0.256-0.320-0.384	0.272-0.340-0.408
0.080-0.100-0.120	0.092-0.115-0.138	0.122-0.153-0.184	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.336	0.256-0.320-0.384	0.272-0.340-0.408
0.080-0.100-0.120	0.092-0.115-0.138	0.122-0.153-0.184	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.336	0.256-0.320-0.384	0.272-0.340-0.408
0.104-0.130-0.156	0.120-0.150-0.180	0.160-0.200-0.240	0.208-0.260-0.312	0.264-0.330-0.396	0.304-0.380-0.456	0.344-0.430-0.516	0.360-0.450-0.540
0.104-0.130-0.156	0.120-0.150-0.180	0.160-0.200-0.240	0.208-0.260-0.312	0.264-0.330-0.396	0.304-0.380-0.456	0.344-0.430-0.516	0.360-0.450-0.540
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0.080-0.100-0.120	0.092-0.115-0.138	0.122-0.153-0.184	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.336	0.256-0.320-0.384	0.272-0.340-0.408
0.080-0.100-0.120	0.092-0.115-0.138	0.122-0.153-0.184	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.336	0.256-0.320-0.384	0.272-0.340-0.408
0.104-0.130-0.156	0.120-0.150-0.180	0.160-0.200-0.240	0.208-0.260-0.312	0.264-0.330-0.396	0.304-0.380-0.456	0.344-0.430-0.516	0.360-0.450-0.540
0.104-0.130-0.156	0.120-0.150-0.180	0.160-0.200-0.240	0.208-0.260-0.312	0.264-0.330-0.396	0.304-0.380-0.456	0.344-0.430-0.516	0.360-0.450-0.540
0.080-0.100-0.120	0.092-0.115-0.138	0.086-0.107-0.128	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.336	0.256-0.320-0.384	0.272-0.340-0.408
0.056-0.070-0.084	0.064-0.080-0.096	0.056-0.070-0.084	0.112-0.140-0.168	0.136-0.170-0.204	0.160-0.200-0.240	0.184-0.230-0.276	0.192-0.240-0.288
0.056-0.070-0.084	0.064-0.080-0.096	0.056-0.070-0.084	0.112-0.140-0.168	0.136-0.170-0.204	0.160-0.200-0.240	0.184-0.230-0.276	0.192-0.240-0.288
0.056-0.070-0.084	0.064-0.080-0.096	0.086-0.107-0.128	0.112-0.140-0.168	0.136-0.170-0.204	0.160-0.200-0.240	0.184-0.230-0.276	0.192-0.240-0.288
0.056-0.070-0.084	0.064-0.080-0.096	0.086-0.107-0.128	0.112-0.140-0.168	0.136-0.170-0.204	0.160-0.200-0.240	0.184-0.230-0.276	0.192-0.240-0.288

CoroDrill® 460

Suministro de refrigerante interior, valores en sistema métrico

4 – 5 × DC

ISO	Núm. MC	Material	Dureza Brinell HB	Velocidad de corte (V_c) m/min
P		**Acero no aleado**		(mín.-inicio-máx.)
	P1.1.Z.AN	C = 0.05–0.10 %	125	100-125-150
	P1.1.Z.AN	C = 0.1–0.25%	125	100-125-150
	P1.2.Z.AN	C = 0.25–0.55%	150	88-110-132
	P1.3.Z.AN	C = 0.55–0.80%	170	88-110-132
		Acero de alto cont. en carbono		
	P1.3.Z.AN	Acero de herramientas al carbono	210	88-110-132
		Acero de baja aleación		
	P2.1.Z.AN	No templado	175	88-110-132
	P2.5.Z.HT.1	Endurecido y templado	275	60-75-90
	P2.5.Z.HT.2	Endurecido y templado	350	52-65-78
		Acero de alta aleación		
	P3.0.Z.AN	Recocido	200	76-95-114
	P3.0.Z.HT.1	Acero de herram. templado	300	52-65-78
		Acero fundido		
	P1.5.C.UT	No aleado	150	88-110-132
	P2.6.C.UT	Baja aleación (elementos de aleación ≤ 5%)	200	76-95-114
M		**Acero inoxidable**		
	M1.0.Z.AQ	Austenítico	200	32-40-48
	M2.0.Z.AQ	Superaustenítico Ni≥20%	200	32-40-48
	M3.1.Z.AQ	Dúplex (austenítico/ferrítico)	230	28-35-42
	M3.2.Z.AQ	Dúplex (austenítico/ferrítico)	260	28-35-42
	M1.0.C.UT	Austenítico	200	32-40-48
	M2.0.C.AQ	Superaustenítico Ni≥20%	200	32-40-48
	M3.1.C.AQ	Dúplex (austenítico/ferrítico)	230	28-35-42
K		**Fundición maleable**		
	K1.1.C.NS	Ferrítico Perlítico	200	64-80-96
		Fundición gris		
	K2.1.C.UT	Baja resistencia a la tracción	180	88-110-132
	K2.2.C.UT	Alta resistencia a la tracción	245	88-110-132
	K2.3.C.UT	Austenítico	175	64-80-96
		Fundición nodular		
	K3.1.C.UT	Ferrítica	155	64-80-96
	K3.2.C.UT	Ferrítico Perlítico	215	64-80-96
	K3.3.C.UT	Perlítica	265	64-80-96
	K3.5.C.UT	Austenítico	190	64-80-96
	K5.1.C.NS	ADI	300	64-80-96
N		**Aleaciones con base de aluminio**		
	N1.2.Z.UT	Puro comercial	60	200-250-300
	N1.2.Z.AG	Aleaciones AlSi, Si ≤ 1%	100	200-250-300
	N1.3.C.UT	Fundida, no envejecida	75	200-250-300
	N1.3.C.AG	Fundición, o fundición y envejecido	90	160-200-240
	N1.4.C.NS	Aleaciones de fundición AlSi, Si ≥ 13%	130	120-150-180
		Aleaciones con base de cobre		
	N3.3.U.UT	Aleaciones para corte sin problemas basadas en cobre (Pb>1%)	110	176-220-264
	N3.1.U.UT	Aleaciones de cobre sin plomo (incl. cobre electrolítico)	100	100-125-150
S		**Titanio**		
	S4.1.Z.UT		200	44-55-66
	S4.2.Z.AN		320	32-40-48
	S4.4.Z.AN		330	32-40-48
H	H1.1.Z.HA	Acero extra duro: templado y revenido	50HRC	24-30-36
	H2.0.C.UT.4	Fundición en coquilla	64HRC	20-25-30

SPA

CoroDrill® 460

Suministro de refrigerante interior, valores en sistema métrico

4 – 5 × DC

Diám. de taladrado, mm							
3	4	6	8	10	12	16	20
Avance f_n mm/r (mín.-inicio-máx.)							
0.080-0.100-0.120	0.092-0.115-0.184	0.122-0.153-0.184	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.384	0.256-0.320-0.384	0.272-0.340-0.408
0.080-0.100-0.120	0.092-0.115-0.184	0.122-0.153-0.184	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.384	0.256-0.320-0.384	0.272-0.340-0.408
0.080-0.100-0.120	0.092-0.115-0.184	0.122-0.153-0.184	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.384	0.256-0.320-0.384	0.272-0.340-0.408
0.080-0.100-0.120	0.092-0.115-0.184	0.122-0.153-0.184	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.384	0.256-0.320-0.384	0.272-0.340-0.408
0.080-0.100-0.120	0.092-0.115-0.184	0.122-0.153-0.184	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.384	0.256-0.320-0.384	0.272-0.340-0.408
0.080-0.100-0.120	0.092-0.115-0.184	0.122-0.153-0.184	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.384	0.256-0.320-0.384	0.272-0.340-0.408
0.080-0.100-0.120	0.092-0.115-0.184	0.122-0.153-0.184	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.384	0.256-0.320-0.384	0.272-0.340-0.408
0.056-0.070-0.084	0.064-0.080-0.096	0.086-0.107-0.128	0.112-0.140-0.168	0.136-0.170-0.204	0.160-0.200-0.240	0.184-0.230-0.276	0.192-0.240-0.288
0.080-0.100-0.120	0.092-0.115-0.138	0.122-0.153-0.184	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.336	0.256-0.320-0.384	0.272-0.340-0.408
0.056-0.070-0.084	0.064-0.080-0.096	0.086-0.107-0.128	0.112-0.140-0.168	0.136-0.170-0.204	0.160-0.200-0.240	0.184-0.230-0.276	0.192-0.240-0.288
0.080-0.100-0.120	0.092-0.115-0.138	0.122-0.153-0.184	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.336	0.256-0.320-0.384	0.272-0.340-0.408
0.080-0.100-0.120	0.092-0.115-0.138	0.122-0.153-0.184	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.336	0.256-0.320-0.384	0.272-0.340-0.408
0.080-0.100-0.120	0.092-0.115-0.138	0.122-0.153-0.184	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.336	0.256-0.320-0.384	0.272-0.340-0.408
0.080-0.100-0.120	0.092-0.115-0.138	0.122-0.153-0.184	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.336	0.256-0.320-0.384	0.272-0.340-0.408
0.056-0.070-0.084	0.064-0.080-0.096	0.086-0.107-0.128	0.112-0.140-0.168	0.136-0.170-0.204	0.160-0.200-0.240	0.184-0.230-0.276	0.192-0.240-0.288
0.056-0.070-0.084	0.064-0.080-0.096	0.086-0.107-0.128	0.112-0.140-0.168	0.136-0.170-0.204	0.160-0.200-0.240	0.184-0.230-0.276	0.192-0.240-0.288
0.080-0.100-0.120	0.092-0.115-0.138	0.122-0.153-0.184	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.336	0.256-0.320-0.384	0.272-0.340-0.408
0.080-0.100-0.120	0.092-0.115-0.138	0.122-0.153-0.184	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.336	0.256-0.320-0.384	0.272-0.340-0.408
0.056-0.070-0.084	0.064-0.080-0.096	0.086-0.107-0.128	0.112-0.140-0.168	0.136-0.170-0.204	0.160-0.200-0.240	0.184-0.230-0.276	0.192-0.240-0.288
0.080-0.100-0.120	0.092-0.115-0.138	0.122-0.153-0.184	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.336	0.256-0.320-0.384	0.272-0.340-0.408
0.104-0.130-0.156	0.120-0.150-0.180	0.160-0.200-0.240	0.208-0.260-0.312	0.264-0.330-0.396	0.304-0.380-0.456	0.344-0.430-0.516	0.360-0.450-0.540
0.104-0.130-0.156	0.120-0.150-0.180	0.160-0.200-0.240	0.208-0.260-0.312	0.264-0.330-0.396	0.304-0.380-0.456	0.344-0.430-0.516	0.360-0.450-0.540
0.080-0.100-0.120	0.092-0.115-0.138	0.122-0.153-0.184	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.336	0.256-0.320-0.384	0.272-0.340-0.408
0.080-0.100-0.120	0.092-0.115-0.138	0.122-0.153-0.184	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.336	0.256-0.320-0.384	0.272-0.340-0.408
0.080-0.100-0.120	0.092-0.115-0.138	0.122-0.153-0.184	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.336	0.256-0.320-0.384	0.272-0.340-0.408
0.080-0.100-0.120	0.092-0.115-0.138	0.122-0.153-0.184	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.336	0.256-0.320-0.384	0.272-0.340-0.408
0.080-0.100-0.120	0.092-0.115-0.138	0.122-0.153-0.184	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.336	0.256-0.320-0.384	0.272-0.340-0.408
0.080-0.100-0.120	0.092-0.115-0.138	0.122-0.153-0.184	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.336	0.256-0.320-0.384	0.272-0.340-0.408
0.104-0.130-0.156	0.120-0.150-0.180	0.160-0.200-0.240	0.208-0.260-0.312	0.264-0.330-0.396	0.304-0.380-0.456	0.344-0.430-0.516	0.360-0.450-0.540
0.104-0.130-0.156	0.120-0.150-0.180	0.160-0.200-0.240	0.208-0.260-0.312	0.264-0.330-0.396	0.304-0.380-0.456	0.344-0.430-0.516	0.360-0.450-0.540
0.104-0.130-0.156	0.120-0.150-0.180	0.160-0.200-0.240	0.208-0.260-0.312	0.264-0.330-0.396	0.304-0.380-0.456	0.344-0.430-0.516	0.360-0.450-0.540
0.080-0.100-0.120	0.092-0.115-0.138	0.122-0.153-0.184	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.336	0.256-0.320-0.384	0.272-0.340-0.408
0.080-0.100-0.120	0.092-0.115-0.138	0.122-0.153-0.184	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.336	0.256-0.320-0.384	0.272-0.340-0.408
0.104-0.130-0.156	0.120-0.150-0.180	0.160-0.200-0.240	0.208-0.260-0.312	0.264-0.330-0.396	0.304-0.380-0.456	0.344-0.430-0.516	0.360-0.450-0.540
0.104-0.130-0.156	0.120-0.150-0.180	0.160-0.200-0.240	0.208-0.260-0.312	0.264-0.330-0.396	0.304-0.380-0.456	0.344-0.430-0.516	0.360-0.450-0.540
0.08-0.10-0.12	0.092-0.115-0.138	0.122-0.153-0.184	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.336	0.256-0.320-0.384	0.272-0.340-0.408
0.056-0.070-0.084	0.064-0.080-0.096	0.086-0.107-0.128	0.112-0.140-0.168	0.136-0.170-0.204	0.160-0.200-0.240	0.184-0.230-0.276	0.192-0.240-0.288
0.056-0.070-0.084	0.064-0.080-0.096	0.086-0.107-0.128	0.112-0.140-0.168	0.136-0.170-0.204	0.160-0.200-0.240	0.184-0.230-0.276	0.192-0.240-0.288
0.056-0.070-0.084	0.064-0.080-0.096	0.086-0.107-0.128	0.112-0.140-0.168	0.136-0.170-0.204	0.160-0.200-0.240	0.184-0.230-0.276	0.192-0.240-0.288
0.056-0.070-0.084	0.064-0.080-0.096	0.086-0.107-0.128	0.112-0.140-0.168	0.136-0.170-0.204	0.160-0.200-0.240	0.184-0.230-0.276	0.192-0.240-0.288

CoroDrill® 460

Suministro de refrigerante interior, valores en sistema métrico

7 – 8 × DC

ISO	Núm. MC	Material	Dureza Brinell HB	Velocidad de corte (V_c) m/min
P		**Acero no aleado**		(mín.-inicio-máx.)
	P1.1.Z.AN	C = 0.05–0.10 %	125	104-130-156
	P1.1.Z.AN	C = 0.1–0.25%	125	104-130-156
	P1.2.Z.AN	C = 0.25–0.55%	150	88-110-132
	P1.3.Z.AN	C = 0.55–0.80%	170	88-110-132
		Acero de alto cont. en carbono		
	P1.3.Z.AN	Acero de herramientas al carbono	210	88-110-132
		Acero de baja aleación		
	P2.1.Z.AN	No templado	175	88-110-132
	P2.5.Z.HT.1	Endurecido y templado	275	72-90-108
	P2.5.Z.HT.2	Endurecido y templado	350	64-80-96
		Acero de alta aleación		
	P3.0.Z.AN	Recocido	200	80-100-120
	P3.0.Z.HT.1	Acero de herram. templado	300	64-80-96
		Acero fundido		
	P1.5.C.UT	No aleado	150	88-110-132
	P2.6.C.UT	De baja aleación (elementos de aleación ≤5%)	200	80-100-120
M		**Acero inoxidable**		
	M1.0.Z.AQ	Austenítico	200	24-30-36
	M2.0.Z.AQ	Superaustenítico Ni≥20%	200	24-30-36
	M3.1.Z.AQ	Dúplex (austenítico/ferrítico)	230	20-25-30
	M3.2.Z.AQ	Dúplex (austenítico/ferrítico)	260	20-25-30
	M1.0.C.UT	Austenítico	200	24-30-36
	M2.0.C.AQ	Superaustenítico Ni≥20%	200	24-30-36
	M3.1.C.AQ	Dúplex (austenítico/ferrítico)	230	20-25-30
K		**Fundición maleable**		
	K1.1.C.NS	Ferrítico Perlítico	200	60-75-90
		Fundición gris		
	K2.1.C.UT	Baja resistencia a la tracción	180	92-115-138
	K2.2.C.UT	Baja resistencia a la tracción	245	92-115-138
	K2.3.C.UT	Austenítico	175	60-75-90
		Fundición nodular		
	K3.1.C.UT	Ferrítica	155	60-75-90
	K3.2.C.UT	Ferrítico Perlítico	215	60-75-90
	K3.3.C.UT	Perlítica	265	60-75-90
	K3.5.C.UT	Austenítico	190	60-75-90
	K5.1.C.NS	ADI	300	60-75-90
N		**Aleaciones con base de aluminio**		
	N1.2.Z.UT	Comercial puro	60	216-270-324
	N1.2.Z.AG	Aleaciones AlSi, Si ≤ 1%	100	216-270-324
	N1.3.C.UT	Fundida, no envejecida	75	216-270-324
	N1.3.C.AG	Fundición, o fundición y envejecido	90	144-180-216
	N1.4.C.NS	Aleaciones de fundición AlSi, Si ≥ 13%	130	72-90-108
		Aleaciones con base de cobre		
	N3.3.U.UT	Aleaciones para corte sin problemas basadas en cobre (Pb>1%)	110	176-220-264
	N3.1.U.UT	Aleaciones de cobre sin plomo (incl. cobre electrolítico)	100	100-125-150

SPA

CoroDrill® 460

Suministro de refrigerante interior, valores en sistema métrico

7 – 8 × DC

Diám. de taladrado, mm							
3	4	6	8	10	12	16	20
Avance f_n mm/r (mín.-inicio-máx.)							
0.080-0.100-0.120	0.092-0.115-0.138	0.1224-0.153-0.1836	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.336	0.256-0.320-0.384	0.272-0.340-0.408
0.080-0.100-0.120	0.092-0.115-0.138	0.1224-0.153-0.1836	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.336	0.256-0.320-0.384	0.272-0.340-0.408
0.080-0.100-0.120	0.092-0.115-0.138	0.1224-0.153-0.1836	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.336	0.256-0.320-0.384	0.272-0.340-0.408
0.080-0.100-0.120	0.092-0.115-0.138	0.1224-0.153-0.1836	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.336	0.256-0.320-0.384	0.272-0.340-0.408
0.080-0.100-0.120	0.092-0.115-0.138	0.1224-0.153-0.1836	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.336	0.256-0.320-0.384	0.272-0.340-0.408
0.080-0.100-0.120	0.092-0.115-0.138	0.1224-0.153-0.1836	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.336	0.256-0.320-0.384	0.272-0.340-0.408
0.104-0.130-0.156	0.120-0.150-0.180	0.160-0.200-0.240	0.208-0.260-0.312	0.264-0.330-0.396	0.304-0.380-0.456	0.344-0.430-0.516	0.360-0.450-0.540
0.080-0.100-0.120	0.092-0.115-0.138	0.1224-0.153-0.1836	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.336	0.256-0.320-0.384	0.272-0.340-0.408
0.104-0.130-0.156	0.120-0.150-0.180	0.160-0.200-0.240	0.208-0.260-0.312	0.264-0.330-0.396	0.304-0.380-0.456	0.344-0.430-0.516	0.360-0.450-0.540
0.080-0.100-0.120	0.092-0.115-0.138	0.1224-0.153-0.1836	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.336	0.256-0.320-0.384	0.272-0.340-0.408
0.080-0.100-0.120	0.092-0.115-0.138	0.1224-0.153-0.1836	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.336	0.256-0.320-0.384	0.272-0.340-0.408
0.104-0.130-0.156	0.120-0.150-0.180	0.160-0.200-0.240	0.208-0.260-0.312	0.264-0.330-0.396	0.304-0.380-0.456	0.344-0.430-0.516	0.360-0.450-0.540
0.080-0.100-0.120	0.092-0.115-0.138	0.1224-0.153-0.1836	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.336	0.256-0.320-0.384	0.272-0.340-0.408
0.080-0.100-0.120	0.092-0.115-0.138	0.1224-0.153-0.1836	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.336	0.256-0.320-0.384	0.272-0.340-0.408
0.080-0.100-0.120	0.092-0.115-0.138	0.1224-0.153-0.1836	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.336	0.256-0.320-0.384	0.272-0.340-0.408
0.080-0.100-0.120	0.092-0.115-0.138	0.1224-0.153-0.1836	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.336	0.256-0.320-0.384	0.272-0.340-0.408
0.080-0.100-0.120	0.092-0.115-0.138	0.1224-0.153-0.1836	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.336	0.256-0.320-0.384	0.272-0.340-0.408
0.080-0.100-0.120	0.092-0.115-0.138	0.1224-0.153-0.1836	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.336	0.256-0.320-0.384	0.272-0.340-0.408
0.080-0.100-0.120	0.092-0.115-0.138	0.1224-0.153-0.1836	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.336	0.256-0.320-0.384	0.272-0.340-0.408
0.080-0.100-0.120	0.092-0.115-0.138	0.1224-0.153-0.1836	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.336	0.256-0.320-0.384	0.272-0.340-0.408
0.080-0.100-0.120	0.092-0.115-0.138	0.1224-0.153-0.1836	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.336	0.256-0.320-0.384	0.272-0.340-0.408
0.104-0.130-0.156	0.120-0.150-0.180	0.160-0.200-0.240	0.208-0.260-0.312	0.264-0.330-0.396	0.304-0.380-0.456	0.344-0.430-0.516	0.360-0.450-0.540
0.104-0.130-0.156	0.120-0.150-0.180	0.160-0.200-0.240	0.208-0.260-0.312	0.264-0.330-0.396	0.304-0.380-0.456	0.344-0.430-0.516	0.360-0.450-0.540
0.080-0.100-0.120	0.092-0.115-0.138	0.1224-0.153-0.1836	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.336	0.256-0.320-0.384	0.272-0.340-0.408
0.080-0.100-0.120	0.092-0.115-0.138	0.1224-0.153-0.1836	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.336	0.256-0.320-0.384	0.272-0.340-0.408
0.080-0.100-0.120	0.092-0.115-0.138	0.1224-0.153-0.1836	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.336	0.256-0.320-0.384	0.272-0.340-0.408
0.080-0.100-0.120	0.092-0.115-0.138	0.1224-0.153-0.1836	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.336	0.256-0.320-0.384	0.272-0.340-0.408
0.080-0.100-0.120	0.092-0.115-0.138	0.1224-0.153-0.1836	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.336	0.256-0.320-0.384	0.272-0.340-0.408
0.080-0.100-0.120	0.092-0.115-0.138	0.1224-0.153-0.1836	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.336	0.256-0.320-0.384	0.272-0.340-0.408
0.120-0.150-0.180	0.144-0.180-0.216	0.200-0.250-0.300	0.264-0.330-0.396	0.336-0.420-0.504	0.384-0.480-0.576	0.440-0.550-0.660	0.464-0.580-0.696
0.120-0.150-0.180	0.144-0.180-0.216	0.200-0.250-0.300	0.264-0.330-0.396	0.336-0.420-0.504	0.384-0.480-0.576	0.440-0.550-0.660	0.464-0.580-0.696
0.120-0.150-0.180	0.144-0.180-0.216	0.200-0.250-0.300	0.264-0.330-0.396	0.336-0.420-0.504	0.384-0.480-0.576	0.440-0.550-0.660	0.464-0.580-0.696
0.104-0.130-0.156	0.120-0.150-0.180	0.160-0.200-0.240	0.208-0.260-0.312	0.264-0.330-0.396	0.304-0.380-0.456	0.344-0.430-0.516	0.360-0.450-0.540
0.104-0.130-0.156	0.120-0.150-0.180	0.160-0.200-0.240	0.208-0.260-0.312	0.264-0.330-0.396	0.304-0.380-0.456	0.344-0.430-0.516	0.360-0.450-0.540
0.080-0.100-0.120	0.092-0.115-0.138	0.1224-0.153-0.1836	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.336	0.256-0.320-0.384	0.272-0.340-0.408
0.080-0.100-0.120	0.092-0.115-0.138	0.1224-0.153-0.1836	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.336	0.256-0.320-0.384	0.272-0.340-0.408

CoroDrill® 460

Suministro de refrigerante exterior, valores en sistema métrico

2 – 3 x DC

ISO	Núm. MC	Material	Dureza Brinell HB	Velocidad de corte (V_c) m/min
P		**Acero no aleado**		(mín.-inicio-máx.)
	P1.1.Z.AN	C = 0.05–0.10 %	125	80-100-125
	P1.1.Z.AN	C = 0.1–0.25%	125	80-100-125
	P1.2.Z.AN	C = 0.25–0.55%	150	70.4-88-110
	P1.3.Z.AN	C = 0.55–0.80%	170	70.4-88-110
		Acero de alto cont. en carbono		
	P1.3.Z.AN	Acero de herramientas al carbono	210	70.4-88-110
		Acero de baja aleación		
	P2.1.Z.AN	No templado	175	70.4-88-110
	P2.5.Z.HT.1	Endurecido y templado	275	48-60-75
	P2.5.Z.HT.2	Endurecido y templado	350	61.6-52-65
		Acero de alta aleación		
	P3.0.Z.AN	Recocido	200	60.8-76-95
	P3.0.Z.HT.1	Acero de herram. templado	300	41.6-52-65
		Acero fundido		
	P1.5.C.UT	No aleado	150	70.4-88-110
	P2.6.C.UT	Baja aleación (elementos de aleación ≤ 5%)	200	60.8-76-95
M		**Acero inoxidable**		
	M1.0.Z.AQ	Austenítico	200	22.4-28-35
	M2.0.Z.AQ	Superaustenítico Ni≥20%	200	22.4-28-35
	M3.1.Z.AQ	Dúplex (austenítico/ferrítico)	230	19.2-24-30
	M3.2.Z.AQ	Dúplex (austenítico/ferrítico)	260	19.2-24-30
	M1.0.C.UT	Austenítico	200	22.4-28-35
	M2.0.C.AQ	Superaustenítico Ni≥20%	200	22.4-28-35
	M3.1.C.AQ	Dúplex (austenítico/ferrítico)	230	19.2-24-30
K		**Fundición maleable**		
	K1.1.C.NS	Ferrítico Perlítico	200	51.2-64-80
		Fundición gris		
	K2.1.C.UT	Baja resistencia a la tracción	180	70.4-88-110
	K2.2.C.UT	Alta resistencia a la tracción	245	70.4-88-110
	K2.3.C.UT	Austenítico	175	51.2-64-80
		Fundición nodular		
	K3.1.C.UT	Ferrítica	155	51.2-64-80
	K3.2.C.UT	Ferrítico Perlítico	215	51.2-64-80
	K3.3.C.UT	Perlítica	265	51.2-64-80
	K3.5.C.UT	Austenítico	190	51.2-64-80
	K5.1.C.NS	ADI	300	51.2-64-80
N		**Aleaciones con base de aluminio**		
	N1.2.Z.UT	Puro comercial	60	160-200-250
	N1.2.Z.AG	Aleaciones AlSi, Si ≤ 1%	100	160-200-250
	N1.3.C.UT	Fundida, no envejecida	75	160-200-250
	N1.3.C.AG	Fundición, o fundición y envejecido	90	128-160-200
	N1.4.C.NS	Aleaciones de fundición AlSi, Si ≥ 13%	130	96-120-150
		Aleaciones con base de cobre		
	N3.3.U.UT	Aleaciones para corte sin problemas basadas en cobre (Pb>1%)	110	140.8-176-220
	N3.1.U.UT	Aleaciones de cobre sin plomo (incl. cobre electrolítico)	100	80-100-125
S		**Titanio**		
	S4.1.Z.UT		200	32.5-44-55
	S4.2.Z.AN		320	25.6-32-40
	S4.4.Z.AN		330	25.6-32-40
H	H1.1.Z.HA	Acero extra duro: templado y revenido	50HRC	19.2-24-30
	H2.0.C.UT.4	Fundición en coquilla	64HRC	16-20-25

SPA

CoroDrill® 460

Suministro de refrigerante exterior, valores en sistema métrico

2 – 3 x DC

Diám. de taladrado, mm							
3	4	6	8	10	12	16	20
Avance f_n mm/r (mín.-inicio-máx.)							
0.104-0.130-0.156	0.120-0.150-0.180	0.160-0.200-0.240	0.208-0.260-0.312	0.264-0.330-0.396	0.304-0.380-0.456	0.344-0.430-0.516	0.360-0.450-0.540
0.104-0.130-0.156	0.120-0.150-0.180	0.160-0.200-0.240	0.208-0.260-0.312	0.264-0.330-0.396	0.304-0.380-0.456	0.344-0.430-0.516	0.360-0.450-0.540
0.104-0.130-0.156	0.120-0.150-0.180	0.160-0.200-0.240	0.208-0.260-0.312	0.264-0.330-0.396	0.304-0.380-0.456	0.344-0.430-0.516	0.360-0.450-0.540
0.104-0.130-0.156	0.120-0.150-0.180	0.160-0.200-0.240	0.208-0.260-0.312	0.264-0.330-0.396	0.304-0.380-0.456	0.344-0.430-0.516	0.360-0.450-0.540
0.104-0.130-0.156	0.120-0.150-0.180	0.160-0.200-0.240	0.208-0.260-0.312	0.264-0.330-0.396	0.304-0.380-0.456	0.344-0.430-0.516	0.360-0.450-0.540
0.104-0.130-0.156	0.120-0.150-0.180	0.160-0.200-0.240	0.208-0.260-0.312	0.264-0.330-0.396	0.304-0.380-0.456	0.344-0.430-0.516	0.360-0.450-0.540
0.080-0.100-0.120	0.092-0.115-0.138	0.122-0.153-0.184	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.336	0.256-0.320-0.384	0.272-0.340-0.408
0.056-0.070-0.084	0.064-0.080-0.096	0.086-0.107-0.128	0.112-0.140-0.168	0.136-0.170-0.204	0.160-0.200-0.240	0.184-0.230-0.276	0.192-0.240-0.288
0.080-0.100-0.120	0.092-0.115-0.138	0.122-0.153-0.184	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.336	0.256-0.320-0.384	0.272-0.340-0.408
0.056-0.070-0.084	0.064-0.080-0.096	0.086-0.107-0.128	0.112-0.140-0.168	0.136-0.170-0.204	0.160-0.200-0.240	0.184-0.230-0.276	0.192-0.240-0.288
0.104-0.130-0.156	0.120-0.150-0.180	0.160-0.200-0.240	0.208-0.260-0.312	0.264-0.330-0.396	0.304-0.380-0.456	0.344-0.430-0.516	0.360-0.450-0.540
0.080-0.100-0.120	0.092-0.115-0.138	0.122-0.153-0.184	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.336	0.256-0.320-0.384	0.272-0.340-0.408
0.032-0.040-0.048	0.04-0.05-0.06	0.056-0.070-0.084	0.072-0.090-0.108	0.088-0.110-0.132	0.104-0.130-0.156	0.136-0.170-0.204	0.152-0.190-0.228
0.032-0.040-0.048	0.04-0.05-0.06	0.056-0.070-0.084	0.072-0.090-0.108	0.088-0.110-0.132	0.104-0.130-0.156	0.136-0.170-0.204	0.152-0.190-0.228
0.032-0.040-0.048	0.04-0.05-0.06	0.056-0.070-0.084	0.072-0.090-0.108	0.088-0.110-0.132	0.104-0.130-0.156	0.136-0.170-0.204	0.152-0.190-0.228
0.032-0.040-0.048	0.04-0.05-0.06	0.056-0.070-0.084	0.072-0.090-0.108	0.088-0.110-0.132	0.104-0.130-0.156	0.136-0.170-0.204	0.152-0.190-0.228
0.032-0.040-0.048	0.04-0.05-0.06	0.056-0.070-0.084	0.072-0.090-0.108	0.088-0.110-0.132	0.104-0.130-0.156	0.136-0.170-0.204	0.152-0.190-0.228
0.032-0.040-0.048	0.04-0.05-0.06	0.056-0.070-0.084	0.072-0.090-0.108	0.088-0.110-0.132	0.104-0.130-0.156	0.136-0.170-0.204	0.152-0.190-0.228
0.032-0.040-0.048	0.04-0.05-0.06	0.056-0.070-0.084	0.072-0.090-0.108	0.088-0.110-0.132	0.104-0.130-0.156	0.136-0.170-0.204	0.152-0.190-0.228
0.08-0.10-0.12	0.092-0.115-0.138	0.122-0.153-0.184	0.16-0.20-0.24	0.20-0.25-0.30	0.224-0.280-0.336	0.256-0.320-0.384	0.272-0.340-0.408
0.104-0.130-0.156	0.12-0.15-0.18	0.16-0.20-0.24	0.208-0.260-0.312	0.264-0.330-0.396	0.304-0.380-0.456	0.344-0.430-0.516	0.36-0.45-0.54
0.104-0.130-0.156	0.12-0.15-0.18	0.16-0.20-0.24	0.208-0.260-0.312	0.264-0.330-0.396	0.304-0.380-0.456	0.344-0.430-0.516	0.36-0.45-0.54
0.08-0.10-0.12	0.092-0.115-0.138	0.122-0.153-0.184	0.16-0.20-0.24	0.20-0.25-0.30	0.224-0.280-0.336	0.256-0.320-0.384	0.272-0.340-0.408
0.08-0.10-0.12	0.092-0.115-0.138	0.122-0.153-0.184	0.16-0.20-0.24	0.20-0.25-0.30	0.224-0.280-0.336	0.256-0.320-0.384	0.272-0.340-0.408
0.08-0.10-0.12	0.092-0.115-0.138	0.122-0.153-0.184	0.16-0.20-0.24	0.20-0.25-0.30	0.224-0.280-0.336	0.256-0.320-0.384	0.272-0.340-0.408
0.08-0.10-0.12	0.092-0.115-0.138	0.122-0.153-0.184	0.16-0.20-0.24	0.20-0.25-0.30	0.224-0.280-0.336	0.256-0.320-0.384	0.272-0.340-0.408
0.08-0.10-0.12	0.092-0.115-0.138	0.122-0.153-0.184	0.16-0.20-0.24	0.20-0.25-0.30	0.224-0.280-0.336	0.256-0.320-0.384	0.272-0.340-0.408
0.08-0.10-0.12	0.092-0.115-0.138	0.122-0.153-0.184	0.16-0.20-0.24	0.20-0.25-0.30	0.224-0.280-0.336	0.256-0.320-0.384	0.272-0.340-0.408
0.104-0.130-0.156	0.12-0.15-0.18	0.16-0.20-0.24	0.208-0.260-0.312	0.264-0.330-0.396	0.304-0.380-0.456	0.344-0.430-0.516	0.36-0.45-0.54
0.104-0.130-0.156	0.12-0.15-0.18	0.16-0.20-0.24	0.208-0.260-0.312	0.264-0.330-0.396	0.304-0.380-0.456	0.344-0.430-0.516	0.36-0.45-0.54
0.104-0.130-0.156	0.12-0.15-0.18	0.16-0.20-0.24	0.208-0.260-0.312	0.264-0.330-0.396	0.304-0.380-0.456	0.344-0.430-0.516	0.36-0.45-0.54
0.08-0.10-0.12	0.092-0.115-0.138	0.122-0.153-0.184	0.16-0.20-0.24	0.20-0.25-0.30	0.224-0.280-0.336	0.256-0.320-0.384	0.272-0.340-0.408
0.08-0.10-0.12	0.092-0.115-0.138	0.122-0.153-0.184	0.16-0.20-0.24	0.20-0.25-0.30	0.224-0.280-0.336	0.256-0.320-0.384	0.272-0.340-0.408
0.08-0.10-0.12	0.092-0.115-0.138	0.122-0.153-0.184	0.16-0.20-0.24	0.20-0.25-0.30	0.224-0.280-0.336	0.256-0.320-0.384	0.272-0.340-0.408
0.08-0.10-0.12	0.092-0.115-0.138	0.122-0.153-0.184	0.16-0.20-0.24	0.20-0.25-0.30	0.224-0.280-0.336	0.256-0.320-0.384	0.272-0.340-0.408
0.056-0.070-0.084	0.064-0.080-0.096	0.086-0.107-0.128	0.112-0.140-0.168	0.136-0.170-0.204	0.16-0.20-0.24	0.184-0.230-0.276	0.192-0.240-0.288
0.032-0.040-0.048	0.04-0.05-0.06	0.056-0.070-0.084	0.072-0.090-0.108	0.088-0.110-0.132	0.104-0.130-0.156	0.136-0.170-0.204	0.152-0.190-0.228
0.032-0.040-0.048	0.04-0.05-0.06	0.056-0.070-0.084	0.072-0.090-0.108	0.088-0.110-0.132	0.104-0.130-0.156	0.136-0.170-0.204	0.152-0.190-0.228
0.056-0.070-0.084	0.064-0.080-0.096	0.086-0.107-0.128	0.112-0.140-0.168	0.136-0.170-0.204	0.16-0.20-0.24	0.184-0.230-0.276	0.192-0.240-0.288
0.056-0.070-0.084	0.064-0.080-0.096	0.086-0.107-0.128	0.112-0.140-0.168	0.136-0.170-0.204	0.16-0.20-0.24	0.184-0.230-0.276	0.192-0.240-0.288

CoroDrill® 460

Suministro de refrigerante exterior, valores en sistema métrico

4 – 5 × DC

ISO	Núm. MC	Material	Dureza Brinell HB	Velocidad de corte (V_c) m/min
P		**Acero no aleado**		(mín.-inicio-máx.)
	P1.1.Z.AN	C = 0.05–0.10 %	125	80-100-125
	P1.1.Z.AN	C = 0.1–0.25%	125	80-100-125
	P1.2.Z.AN	C = 0.25–0.55%	150	70.4-88-110
	P1.3.Z.AN	C = 0.55–0.80%	170	70.4-88-110
		Acero de alto cont. en carbono		
	P1.3.Z.AN	Acero de herramientas al carbono	210	70.4-88-110
		Acero de baja aleación		
	P2.1.Z.AN	No templado	175	70.4-88-110
	P2.5.Z.HT.1	Endurecido y templado	275	48-60-75
	P2.5.Z.HT.2	Endurecido y templado	350	41.6-52-65
		Acero de alta aleación		
	P3.0.Z.AN	Recocido	200	60.8-76-95
	P3.0.Z.HT.1	Acero de herram. templado	300	41.6-52-65
		Acero fundido		
	P1.5.C.UT	No aleado	150	70.4-88-110
	P2.6.C.UT	Baja aleación (elementos de aleación ≤ 5%)	200	60.8-76-95
M		**Acero inoxidable**		
	M1.0.Z.AQ	Austenítico	200	22.4-28-35
	M2.0.Z.AQ	Superaustenítico Ni≥20%	200	22.4-28-35
	M3.1.Z.AQ	Dúplex (austenítico/ferrítico)	230	19.2-24-30
	M3.2.Z.AQ	Dúplex (austenítico/ferrítico)	260	19.2-24-30
	M1.0.C.UT	Austenítico	200	22.4-28-35
	M2.0.C.AQ	Superaustenítico Ni≥20%	200	22.4-28-35
	M3.1.C.AQ	Dúplex (austenítico/ferrítico)	230	19.2-24-30
K		**Fundición maleable**		
	K1.1.C.NS	Ferrítico Perlítico	200	51.2-64-80
		Fundición gris		
	K2.1.C.UT	Baja resistencia a la tracción	180	70.4-88-110
	K2.2.C.UT	Alta resistencia a la tracción	245	70.4-88-110
	K2.3.C.UT	Austenítico	175	51.2-64-80
		Fundición nodular		
	K3.1.C.UT	Ferrítica	155	51.2-64-80
	K3.2.C.UT	Ferrítico Perlítico	215	51.2-64-80
	K3.3.C.UT	Perlítica	265	51.2-64-80
	K3.5.C.UT	Austenítico	190	51.2-64-80
	K5.1.C.NS	ADI	300	51.2-64-80
N		**Aleaciones con base de aluminio**		
	N1.2.Z.UT	Puro comercial	60	160-200-250
	N1.2.Z.AG	Aleaciones AlSi, Si ≤ 1%	100	160-200-250
	N1.3.C.UT	Fundida, no envejecida	75	160-200-250
	N1.3.C.AG	Fundición, o fundición y envejecido	90	128-160-200
	N1.4.C.NS	Aleaciones de fundición AlSi, Si ≥ 13%	130	96-120-150
		Aleaciones con base de cobre		
	N3.3.U.UT	Aleaciones para corte sin problemas basadas en cobre (Pb>1%)	110	140.8-176-220
	N3.1.U.UT	Aleaciones de cobre sin plomo (incl. cobre electrolítico)	100	80-100-125
S		**Titanio**		
	S4.1.Z.UT		200	32.5-44-55
	S4.2.Z.AN		320	25.6-32-40
	S4.4.Z.AN		330	25.6-32-40
H	H1.1.Z.HA	Acero extra duro: templado y revenido	50HRC	19.2-24-30
	H2.0.C.UT.4	Fundición en coquilla	64HRC	16-20-25

SPA

CoroDrill® 460

Suministro de refrigerante exterior, valores en sistema métrico

4 – 5 × DC

Diám. de taladrado, mm							
3	4	6	8	10	12	16	20
Avance f_n mm/r (mín.-inicio-máx.)							
0.080-0.100-0.120	0.092-0.115-0.184	0.122-0.153-0.184	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.384	0.256-0.320-0.384	0.272-0.340-0.408
0.080-0.100-0.120	0.092-0.115-0.184	0.122-0.153-0.184	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.384	0.256-0.320-0.384	0.272-0.340-0.408
0.080-0.100-0.120	0.092-0.115-0.184	0.122-0.153-0.184	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.384	0.256-0.320-0.384	0.272-0.340-0.408
0.080-0.100-0.120	0.092-0.115-0.184	0.122-0.153-0.184	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.384	0.256-0.320-0.384	0.272-0.340-0.408
0.080-0.100-0.120	0.092-0.115-0.184	0.122-0.153-0.184	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.384	0.256-0.320-0.384	0.272-0.340-0.408
0.080-0.100-0.120	0.092-0.115-0.184	0.122-0.153-0.184	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.384	0.256-0.320-0.384	0.272-0.340-0.408
0.080-0.100-0.120	0.092-0.115-0.184	0.122-0.153-0.184	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.384	0.256-0.320-0.384	0.272-0.340-0.408
0.056-0.070-0.084	0.064-0.080-0.096	0.086-0.107-0.128	0.112-0.140-0.168	0.136-0.170-0.204	0.160-0.200-0.240	0.184-0.230-0.276	0.192-0.240-0.288
0.080-0.100-0.120	0.092-0.115-0.138	0.122-0.153-0.184	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.336	0.256-0.320-0.384	0.272-0.340-0.408
0.056-0.070-0.084	0.064-0.080-0.096	0.086-0.107-0.128	0.112-0.140-0.168	0.136-0.170-0.204	0.160-0.200-0.240	0.184-0.230-0.276	0.192-0.240-0.288
0.080-0.100-0.120	0.092-0.115-0.138	0.122-0.153-0.184	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.336	0.256-0.320-0.384	0.272-0.340-0.408
0.080-0.100-0.120	0.092-0.115-0.138	0.122-0.153-0.184	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.336	0.256-0.320-0.384	0.272-0.340-0.408
0.080-0.100-0.120	0.092-0.115-0.138	0.122-0.153-0.184	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.336	0.256-0.320-0.384	0.272-0.340-0.408
0.080-0.100-0.120	0.092-0.115-0.138	0.122-0.153-0.184	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.336	0.256-0.320-0.384	0.272-0.340-0.408
0.056-0.070-0.084	0.064-0.080-0.096	0.086-0.107-0.128	0.112-0.140-0.168	0.136-0.170-0.204	0.160-0.200-0.240	0.184-0.230-0.276	0.192-0.240-0.288
0.056-0.070-0.084	0.064-0.080-0.096	0.086-0.107-0.128	0.112-0.140-0.168	0.136-0.170-0.204	0.160-0.200-0.240	0.184-0.230-0.276	0.192-0.240-0.288
0.080-0.100-0.120	0.092-0.115-0.138	0.122-0.153-0.184	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.336	0.256-0.320-0.384	0.272-0.340-0.408
0.080-0.100-0.120	0.092-0.115-0.138	0.122-0.153-0.184	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.336	0.256-0.320-0.384	0.272-0.340-0.408
0.056-0.070-0.084	0.064-0.080-0.096	0.086-0.107-0.128	0.112-0.140-0.168	0.136-0.170-0.204	0.160-0.200-0.240	0.184-0.230-0.276	0.192-0.240-0.288
0.080-0.100-0.120	0.092-0.115-0.138	0.122-0.153-0.184	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.336	0.256-0.320-0.384	0.272-0.340-0.408
0.104-0.130-0.156	0.120-0.150-0.180	0.160-0.200-0.240	0.208-0.260-0.312	0.264-0.330-0.396	0.304-0.380-0.456	0.344-0.430-0.516	0.360-0.450-0.540
0.104-0.130-0.156	0.120-0.150-0.180	0.160-0.200-0.240	0.208-0.260-0.312	0.264-0.330-0.396	0.304-0.380-0.456	0.344-0.430-0.516	0.360-0.450-0.540
0.080-0.100-0.120	0.092-0.115-0.138	0.122-0.153-0.184	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.336	0.256-0.320-0.384	0.272-0.340-0.408
0.080-0.100-0.120	0.092-0.115-0.138	0.122-0.153-0.184	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.336	0.256-0.320-0.384	0.272-0.340-0.408
0.080-0.100-0.120	0.092-0.115-0.138	0.122-0.153-0.184	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.336	0.256-0.320-0.384	0.272-0.340-0.408
0.080-0.100-0.120	0.092-0.115-0.138	0.122-0.153-0.184	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.336	0.256-0.320-0.384	0.272-0.340-0.408
0.080-0.100-0.120	0.092-0.115-0.138	0.122-0.153-0.184	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.336	0.256-0.320-0.384	0.272-0.340-0.408
0.080-0.100-0.120	0.092-0.115-0.138	0.122-0.153-0.184	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.336	0.256-0.320-0.384	0.272-0.340-0.408
0.104-0.130-0.156	0.120-0.150-0.180	0.160-0.200-0.240	0.208-0.260-0.312	0.264-0.330-0.396	0.304-0.380-0.456	0.344-0.430-0.516	0.360-0.450-0.540
0.104-0.130-0.156	0.120-0.150-0.180	0.160-0.200-0.240	0.208-0.260-0.312	0.264-0.330-0.396	0.304-0.380-0.456	0.344-0.430-0.516	0.360-0.450-0.540
0.104-0.130-0.156	0.120-0.150-0.180	0.160-0.200-0.240	0.208-0.260-0.312	0.264-0.330-0.396	0.304-0.380-0.456	0.344-0.430-0.516	0.360-0.450-0.540
0.080-0.100-0.120	0.092-0.115-0.138	0.122-0.153-0.184	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.336	0.256-0.320-0.384	0.272-0.340-0.408
0.080-0.100-0.120	0.092-0.115-0.138	0.122-0.153-0.184	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.336	0.256-0.320-0.384	0.272-0.340-0.408
0.104-0.130-0.156	0.120-0.150-0.180	0.160-0.200-0.240	0.208-0.260-0.312	0.264-0.330-0.396	0.304-0.380-0.456	0.344-0.430-0.516	0.360-0.450-0.540
0.104-0.130-0.156	0.120-0.150-0.180	0.160-0.200-0.240	0.208-0.260-0.312	0.264-0.330-0.396	0.304-0.380-0.456	0.344-0.430-0.516	0.360-0.450-0.540
0.08-0.10-0.12	0.092-0.115-0.138	0.122-0.153-0.184	0.160-0.200-0.240	0.200-0.250-0.300	0.224-0.280-0.336	0.256-0.320-0.384	0.272-0.340-0.408
0.056-0.070-0.084	0.064-0.080-0.096	0.086-0.107-0.128	0.112-0.140-0.168	0.136-0.170-0.204	0.160-0.200-0.240	0.184-0.230-0.276	0.192-0.240-0.288
0.056-0.070-0.084	0.064-0.080-0.096	0.086-0.107-0.128	0.112-0.140-0.168	0.136-0.170-0.204	0.160-0.200-0.240	0.184-0.230-0.276	0.192-0.240-0.288
0.056-0.070-0.084	0.064-0.080-0.096	0.086-0.107-0.128	0.112-0.140-0.168	0.136-0.170-0.204	0.160-0.200-0.240	0.184-0.230-0.276	0.192-0.240-0.288
0.056-0.070-0.084	0.064-0.080-0.096	0.086-0.107-0.128	0.112-0.140-0.168	0.136-0.170-0.204	0.160-0.200-0.240	0.184-0.230-0.276	0.192-0.240-0.288

CoroDrill® 460

Suministro de refrigerante interior, valores en pulgadas

2 – 3 x DC

ISO	Núm. MC	Material	Dureza Brinell HB	Velocidad de corte (V_c) p/min
P		**Acero no aleado**		(mín.-inicio-máx.)
	P1.1.Z.AN	C = 0.05–0.10 %	125	328-410-492
	P1.1.Z.AN	C = 0.1–0.25%	125	328-410-492
	P1.2.Z.AN	C = 0.25–0.55%	150	289-361-433
	P1.3.Z.AN	C = 0.55–0.80%	170	289-361-433
		Acero de alto cont. en carbono		
	P1.3.Z.AN	Acero de herramientas al carbono	210	289-361-433
		Acero de baja aleación		
	P2.1.Z.AN	No templado	175	289-361-433
	P2.5.Z.HT.1	Endurecido y templado	275	197-246-295
	P2.5.Z.HT.2	Endurecido y templado	350	171-213-256
		Acero de alta aleación		
	P3.0.Z.AN	Recocido	200	249-312-374
	P3.0.Z.HT.1	Acero de herram. templado	300	171-213-256
		Acero fundido		
	P1.5.C.UT	No aleado	150	289-361-433
	P2.6.C.UT	Baja aleación (elementos de aleación ≤ 5%)	200	249-312-374
M		**Acero inoxidable**		
	M1.0.Z.AQ	Austenítico	200	105-131-157
	M2.0.Z.AQ	Superaustenítico Ni≥20%	200	105-131-157
	M3.1.Z.AQ	Dúplex (austenítico/ferrítico)	230	92-115-138
	M3.2.Z.AQ	Dúplex (austenítico/ferrítico)	260	92-115-138
	M1.0.C.UT	Austenítico	200	105-131-157
	M2.0.C.AQ	Superaustenítico Ni≥20%	200	105-131-157
	M3.1.C.AQ	Dúplex (austenítico/ferrítico)	230	92-115-138
K		**Fundición maleable**		
	K1.1.C.NS	Ferrítico Perlítico	200	210-262-315
		Fundición gris		
	K2.1.C.UT	Baja resistencia a la tracción	180	289-361-433
	K2.2.C.UT	Alta resistencia a la tracción	245	289-361-433
	K2.3.C.UT	Austenítico	175	210-262-315
		Fundición nodular		
	K3.1.C.UT	Ferrítica	155	210-262-315
	K3.2.C.UT	Ferrítico Perlítico	215	210-262-315
	K3.3.C.UT	Perlítica	265	210-262-315
	K3.5.C.UT	Austenítico	190	210-262-315
	K5.1.C.NS	ADI	300	210-262-315
N		**Aleaciones con base de aluminio**		
	N1.2.Z.UT	Puro comercial	60	656-820-984
	N1.2.Z.AG	Aleaciones AlSi, Si ≤ 1%	100	656-820-984
	N1.3.C.UT	Fundida, no envejecida	75	656-820-984
	N1.3.C.AG	Fundición, o fundición y envejecido	90	525-656-787
	N1.4.C.NS	Aleaciones de fundición AlSi, Si ≥ 13%	130	394-492-591
		Aleaciones con base de cobre		
	N3.3.U.UT	Aleaciones para corte sin problemas basadas en cobre (Pb>1%)	110	577-722-866
	N3.1.U.UT	Aleaciones de cobre sin plomo (incl. cobre electrolítico)	100	328-410-492
S		**Titanio**		
	S4.1.Z.UT		200	144-180-217
	S4.2.Z.AN		320	105-121-157
	S4.4.Z.AN		330	105-121-157
H	H1.1.Z.HA	Acero extra duro: templado y revenido	50HRC	79-98-118
	H2.0.C.UT.4	Fundición en coquilla	64HRC	66-82-98

SPA

CoroDrill® 460

Suministro de refrigerante interior, valores en pulgadas

2 – 3 x DC

Diámetro de broca, pulgadas							
.1181	.1575	.2362	.3150	.3937	.4724	.6299	.7874
Avance f_n pulg./r (mín.-inicio-máx.)							
.0041-.0051-.0061	.0047-.0059-.0071	.0063-.0079-.0094	.0082-.0102-.0123	.0104-.0130-.0156	.0120-.0150-.0180	.0135-.0169-.0203	.0142-.0177-.0213
.0041-.0051-.0061	.0047-.0059-.0071	.0063-.0079-.0094	.0082-.0102-.0123	.0104-.0130-.0156	.0120-.0150-.0180	.0135-.0169-.0203	.0142-.0177-.0213
.0041-.0051-.0061	.0047-.0059-.0071	.0063-.0079-.0094	.0082-.0102-.0123	.0104-.0130-.0156	.0120-.0150-.0180	.0135-.0169-.0203	.0142-.0177-.0213
.0041-.0051-.0061	.0047-.0059-.0071	.0063-.0079-.0094	.0082-.0102-.0123	.0104-.0130-.0156	.0120-.0150-.0180	.0135-.0169-.0203	.0142-.0177-.0213
.0041-.0051-.0061	.0047-.0059-.0071	.0063-.0079-.0094	.0082-.0102-.0123	.0104-.0130-.0156	.0120-.0150-.0180	.0135-.0169-.0203	.0142-.0177-.0213
.0041-.0051-.0061	.0047-.0059-.0071	.0063-.0079-.0094	.0082-.0102-.0123	.0104-.0130-.0156	.0120-.0150-.0180	.0135-.0169-.0203	.0142-.0177-.0213
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0022-.0028-.0033	.0025-.0031-.0038	.0034-.0042-.0051	.0044-.0055-.0066	.0054-.0067-.0080	.0063-.0079-.0094	.0072-.0091-.0109	.0076-.0094-.0113
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0022-.0028-.0033	.0025-.0031-.0038	.0034-.0042-.0051	.0044-.0055-.0066	.0054-.0067-.0080	.0063-.0079-.0094	.0072-.0091-.0109	.0076-.0094-.0113
.0041-.0051-.0061	.0047-.0059-.0071	.0063-.0079-.0094	.0082-.0102-.0123	.0104-.0130-.0156	.0120-.0150-.0180	.0135-.0169-.0203	.0142-.0177-.0213
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0022-.0028-.0033	.0025-.0031-.0038	.0034-.0042-.0051	.0044-.0055-.0066	.0054-.0067-.0080	.0063-.0079-.0094	.0072-.0091-.0109	.0076-.0094-.0113
.0022-.0028-.0033	.0025-.0031-.0038	.0034-.0042-.0051	.0044-.0055-.0066	.0054-.0067-.0080	.0063-.0079-.0094	.0072-.0091-.0109	.0076-.0094-.0113
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0022-.0028-.0033	.0025-.0031-.0038	.0034-.0042-.0051	.0044-.0055-.0066	.0054-.0067-.0080	.0063-.0079-.0094	.0072-.0091-.0109	.0076-.0094-.0113
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0041-.0051-.0061	.0047-.0059-.0071	.0063-.0079-.0094	.0082-.0102-.0123	.0104-.0130-.0156	.0120-.0150-.0180	.0135-.0169-.0203	.0142-.0177-.0213
.0041-.0051-.0061	.0047-.0059-.0071	.0063-.0079-.0094	.0082-.0102-.0123	.0104-.0130-.0156	.0120-.0150-.0180	.0135-.0169-.0203	.0142-.0177-.0213
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0041-.0051-.0061	.0047-.0059-.0071	.0063-.0079-.0094	.0082-.0102-.0123	.0104-.0130-.0156	.0120-.0150-.0180	.0135-.0169-.0203	.0142-.0177-.0213
.0041-.0051-.0061	.0047-.0059-.0071	.0063-.0079-.0094	.0082-.0102-.0123	.0104-.0130-.0156	.0120-.0150-.0180	.0135-.0169-.0203	.0142-.0177-.0213
.0041-.0051-.0061	.0047-.0059-.0071	.0063-.0079-.0094	.0082-.0102-.0123	.0104-.0130-.0156	.0120-.0150-.0180	.0135-.0169-.0203	.0142-.0177-.0213
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0041-.0051-.0061	.0047-.0059-.0071	.0063-.0079-.0094	.0082-.0102-.0123	.0104-.0130-.0156	.0120-.0150-.0180	.0135-.0169-.0203	.0142-.0177-.0213
.0041-.0051-.0061	.0047-.0059-.0071	.0063-.0079-.0094	.0082-.0102-.0123	.0104-.0130-.0156	.0120-.0150-.0180	.0135-.0169-.0203	.0142-.0177-.0213
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0022-.0028-.0033	.0025-.0031-.0038	.0034-.0042-.0051	.0044-.0055-.0066	.0054-.0067-.0080	.0063-.0079-.0094	.0072-.0091-.0109	.0076-.0094-.0113
.0022-.0028-.0033	.0025-.0031-.0038	.0034-.0042-.0051	.0044-.0055-.0066	.0054-.0067-.0080	.0063-.0079-.0094	.0072-.0091-.0109	.0076-.0094-.0113
.0022-.0028-.0033	.0025-.0031-.0038	.0034-.0042-.0051	.0044-.0055-.0066	.0054-.0067-.0080	.0063-.0079-.0094	.0072-.0091-.0109	.0076-.0094-.0113
.0022-.0028-.0033	.0025-.0031-.0038	.0034-.0042-.0051	.0044-.0055-.0066	.0054-.0067-.0080	.0063-.0079-.0094	.0072-.0091-.0109	.0076-.0094-.0113

SANDVIK Coromant

CoroDrill® 460

Suministro de refrigerante interior, valores en pulgadas

4 – 5 × DC

ISO	Núm. MC	Material	Dureza Brinell HB	Velocidad de corte (V_c) p/min
P		**Acero no aleado**		(mín.-inicio-máx.)
	P1.1.Z.AN	C = 0.05–0.10 %	125	328-410-492
	P1.1.Z.AN	C = 0.1–0.25%	125	328-410-492
	P1.2.Z.AN	C = 0.25–0.55%	150	289-361-433
	P1.3.Z.AN	C = 0.55–0.80%	170	289-361-433
		Acero de alto cont. en carbono		
	P1.3.Z.AN	Acero de herramientas al carbono	210	289-361-433
		Acero de baja aleación		
	P2.1.Z.AN	No templado	175	289-361-433
	P2.5.Z.HT.1	Endurecido y templado	275	197-246-295
	P2.5.Z.HT.2	Endurecido y templado	350	171-213-256
		Acero de alta aleación		
	P3.0.Z.AN	Recocido	200	249-312-374
	P3.0.Z.HT.1	Acero de herram. templado	300	171-213-256
		Acero fundido		
	P1.5.C.UT	No aleado	150	289-361-433
	P2.6.C.UT	Baja aleación (elementos de aleación ≤ 5%)	200	249-312-374
M		**Acero inoxidable**		
	M1.0.Z.AQ	Austenítico	200	105-131-157
	M2.0.Z.AQ	Superaustenítico Ni≥20%	200	105-131-157
	M3.1.Z.AQ	Dúplex (austenítico/ferrítico)	230	92-115-138
	M3.2.Z.AQ	Dúplex (austenítico/ferrítico)	260	92-115-138
	M1.0.C.UT	Austenítico	200	105-131-157
	M2.0.C.AQ	Superaustenítico Ni≥20%	200	105-131-157
	M3.1.C.AQ	Dúplex (austenítico/ferrítico)	230	92-115-138
K		**Fundición maleable**		
	K1.1.C.NS	Ferrítico Perlítico	200	210-262-315
		Fundición gris		
	K2.1.C.UT	Baja resistencia a la tracción	180	289-361-433
	K2.2.C.UT	Alta resistencia a la tracción	245	289-361-433
	K2.3.C.UT	Austenítico	175	210-262-315
		Fundición nodular		
	K3.1.C.UT	Ferrítica	155	210-262-315
	K3.2.C.UT	Ferrítico Perlítico	215	210-262-315
	K3.3.C.UT	Perlítica	265	210-262-315
	K3.5.C.UT	Austenítico	190	210-262-315
	K5.1.C.NS	ADI	300	210-262-315
N		**Aleaciones con base de aluminio**		
	N1.2.Z.UT	Puro comercial	60	656-820-984
	N1.2.Z.AG	Aleaciones AlSi, Si ≤ 1%	100	656-820-984
	N1.3.C.UT	Fundida, no envejecida	75	656-820-984
	N1.3.C.AG	Fundición, o fundición y envejecido	90	525-656-787
	N1.4.C.NS	Aleaciones de fundición AlSi, Si ≥ 13%	130	394-492-591
		Aleaciones con base de cobre		
	N3.3.U.UT	Aleaciones para corte sin problemas basadas en cobre (Pb>1%)	110	577-722-866
	N3.1.U.UT	Aleaciones de cobre sin plomo (incl. cobre electrolítico)	100	328-410-492
S		**Titanio**		
	S4.1.Z.UT		200	144-180-217
	S4.2.Z.AN		320	105-121-157
	S4.4.Z.AN		330	105-121-157
H	H1.1.Z.HA	Acero extra duro: templado y revenido	50HRC	79-98-118
	H2.0.C.UT.4	Fundición en coquilla	64HRC	66-82-98

SPA

CoroDrill® 460

Suministro de refrigerante interior, valores en pulgadas

4 – 5 × DC

Diámetro de broca, pulgadas							
.1181	.1575	.2362	.3150	.3937	.4724	.6299	.7874
Avance f_n pulg./r (mín.-inicio-máx.)							
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0022-.0028-.0033	.0025-.0031-.0038	.0034-.0042-.0051	.0044-.0055-.0066	.0054-.0067-.0080	.0063-.0079-.0094	.0072-.0091-.0109	.0076-.0094-.0113
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0022-.0028-.0033	.0025-.0031-.0038	.0034-.0042-.0051	.0044-.0055-.0066	.0054-.0067-.0080	.0063-.0079-.0094	.0072-.0091-.0109	.0076-.0094-.0113
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0022-.0028-.0033	.0025-.0031-.0038	.0034-.0042-.0051	.0044-.0055-.0066	.0054-.0067-.0080	.0063-.0079-.0094	.0072-.0091-.0109	.0076-.0094-.0113
.0022-.0028-.0033	.0025-.0031-.0038	.0034-.0042-.0051	.0044-.0055-.0066	.0054-.0067-.0080	.0063-.0079-.0094	.0072-.0091-.0109	.0076-.0094-.0113
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0022-.0028-.0033	.0025-.0031-.0038	.0034-.0042-.0051	.0044-.0055-.0066	.0054-.0067-.0080	.0063-.0079-.0094	.0072-.0091-.0109	.0076-.0094-.0113
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0041-.0051-.0061	.0047-.0059-.0071	.0063-.0079-.0094	.0082-.0102-.0123	.0104-.0130-.0156	.0120-.0150-.0180	.0135-.0169-.0203	.0142-.0177-.0213
.0041-.0051-.0061	.0047-.0059-.0071	.0063-.0079-.0094	.0082-.0102-.0123	.0104-.0130-.0156	.0120-.0150-.0180	.0135-.0169-.0203	.0142-.0177-.0213
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0041-.0051-.0061	.0047-.0059-.0071	.0063-.0079-.0094	.0082-.0102-.0123	.0104-.0130-.0156	.0120-.0150-.0180	.0135-.0169-.0203	.0142-.0177-.0213
.0041-.0051-.0061	.0047-.0059-.0071	.0063-.0079-.0094	.0082-.0102-.0123	.0104-.0130-.0156	.0120-.0150-.0180	.0135-.0169-.0203	.0142-.0177-.0213
.0041-.0051-.0061	.0047-.0059-.0071	.0063-.0079-.0094	.0082-.0102-.0123	.0104-.0130-.0156	.0120-.0150-.0180	.0135-.0169-.0203	.0142-.0177-.0213
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0041-.0051-.0061	.0047-.0059-.0071	.0063-.0079-.0094	.0082-.0102-.0123	.0104-.0130-.0156	.0120-.0150-.0180	.0135-.0169-.0203	.0142-.0177-.0213
.0041-.0051-.0061	.0047-.0059-.0071	.0063-.0079-.0094	.0082-.0102-.0123	.0104-.0130-.0156	.0120-.0150-.0180	.0135-.0169-.0203	.0142-.0177-.0213
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0022-.0028-.0033	.0025-.0031-.0038	.0034-.0042-.0051	.0044-.0055-.0066	.0054-.0067-.0080	.0063-.0079-.0094	.0072-.0091-.0109	.0076-.0094-.0113
.0022-.0028-.0033	.0025-.0031-.0038	.0034-.0042-.0051	.0044-.0055-.0066	.0054-.0067-.0080	.0063-.0079-.0094	.0072-.0091-.0109	.0076-.0094-.0113
.0022-.0028-.0033	.0025-.0031-.0038	.0034-.0042-.0051	.0044-.0055-.0066	.0054-.0067-.0080	.0063-.0079-.0094	.0072-.0091-.0109	.0076-.0094-.0113
.0022-.0028-.0033	.0025-.0031-.0038	.0034-.0042-.0051	.0044-.0055-.0066	.0054-.0067-.0080	.0063-.0079-.0094	.0072-.0091-.0109	.0076-.0094-.0113

B

C

D

E

CoroDrill® 460

Suministro de refrigerante interior, valores en pulgadas

7 – 8 × DC

ISO	Núm. MC	Material	Dureza Brinell HB	Velocidad de corte (V_c) p/min
P		**Acero no aleado**		(mín.-inicio-máx.)
	P1.1.Z.AN	C = 0.05–0.10 %	125	341-427-512
	P1.1.Z.AN	C = 0.1–0.25%	125	341-427-512
	P1.2.Z.AN	C = 0.25–0.55%	150	289-361-433
	P1.3.Z.AN	C = 0.55–0.80%	170	289-361-433
		Acero de alto cont. en carbono		
	P1.3.Z.AN	Acero de herramientas al carbono	210	289-361-433
		Acero de baja aleación		
	P2.1.Z.AN	No templado	175	289-361-433
	P2.5.Z.HT.1	Endurecido y templado	275	236-295-354
	P2.5.Z.HT.2	Endurecido y templado	350	210-262-315
		Acero de alta aleación		
	P3.0.Z.AN	Recocido	200	262-328-394
	P3.0.Z.HT.1	Acero de herram. templado	300	210-262-315
		Acero fundido		
	P1.5.C.UT	No aleado	150	289-361-433
	P2.6.C.UT	De baja aleación (elementos de aleación ≤5%)	200	262-328-394
M		**Acero inoxidable**		
	M1.0.Z.AQ	Austenítico	200	79-98-118
	M2.0.Z.AQ	Superaustenítico Ni≥20%	200	79-98-118
	M3.1.Z.AQ	Dúplex (austenítico/ferrítico)	230	66-82-98
	M3.2.Z.AQ	Dúplex (austenítico/ferrítico)	260	66-82-98
	M1.0.C.UT	Austenítico	200	79-98-118
	M2.0.C.AQ	Superaustenítico Ni≥20%	200	79-98-118
	M3.1.C.AQ	Dúplex (austenítico/ferrítico)	230	66-82-98
K		**Fundición maleable**		
	K1.1.C.NS	Ferrítico Perlítico	200	197-246-295
		Fundición gris		
	K2.1.C.UT	Baja resistencia a la tracción	180	302-377-453
	K2.2.C.UT	Alta resistencia a la tracción	245	302-377-453
	K2.3.C.UT	Austenítico	175	197-246-295
		Fundición nodular		
	K3.1.C.UT	Ferrítica	155	197-246-295
	K3.2.C.UT	Ferrítico Perlítico	215	197-246-295
	K3.3.C.UT	Perlítica	265	197-246-295
	K3.5.C.UT	Austenítico	190	197-246-295
	K5.1.C.NS	ADI	300	197-246-295
N		**Aleaciones con base de aluminio**		
	N1.2.Z.UT	Comercial puro	60	709-886-1063
	N1.2.Z.AG	Aleaciones AlSi, Si ≤ 1%	100	709-886-1063
	N1.3.C.UT	Fundida, no envejecida	75	709-886-1063
	N1.3.C.AG	Fundición, o fundición y envejecido	90	472-591-709
	N1.4.C.NS	Aleaciones de fundición AlSi, Si ≥ 13%	130	236-295-354
		Aleaciones con base de cobre		
	N3.3.U.UT	Aleaciones para corte sin problemas basadas en cobre (Pb>1%)	110	577-722-866
	N3.1.U.UT	Aleaciones de cobre sin plomo (incl. cobre electrolítico)	100	328-410-492

CoroDrill® 460

Suministro de refrigerante interior, valores en pulgadas

7 – 8 × DC

Diámetro de broca, pulgadas							
.1181	.1575	.2362	.3150	.3937	.4724	.6299	.7874
Avance f_n pulg./r (mín.-inicio-máx.)							
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0041-.0051-.0061	.0047-.0059-.0071	.0063-.0079-.0094	.0082-.0102-.0123	.0104-.0130-.0156	.0120-.0150-.0180	.0135-.0169-.0203	.0142-.0177-.0213
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0041-.0051-.0061	.0047-.0059-.0071	.0063-.0079-.0094	.0082-.0102-.0123	.0104-.0130-.0156	.0120-.0150-.0180	.0135-.0169-.0203	.0142-.0177-.0213
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0041-.0051-.0061	.0047-.0059-.0071	.0063-.0079-.0094	.0082-.0102-.0123	.0104-.0130-.0156	.0120-.0150-.0180	.0135-.0169-.0203	.0142-.0177-.0213
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0041-.0051-.0061	.0047-.0059-.0071	.0063-.0079-.0094	.0082-.0102-.0123	.0104-.0130-.0156	.0120-.0150-.0180	.0135-.0169-.0203	.0142-.0177-.0213
.0041-.0051-.0061	.0047-.0059-.0071	.0063-.0079-.0094	.0082-.0102-.0123	.0104-.0130-.0156	.0120-.0150-.0180	.0135-.0169-.0203	.0142-.0177-.0213
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0047-.0059-.0071	.0057-.0071-.0085	.0079-.0098-.0118	.0104-.0130-.0156	.0132-.0165-.0198	.0151-.0189-.0227	.0173-.0217-.0260	.0183-.0228-.0274
.0047-.0059-.0071	.0057-.0071-.0085	.0079-.0098-.0118	.0104-.0130-.0156	.0132-.0165-.0198	.0151-.0189-.0227	.0173-.0217-.0260	.0183-.0228-.0274
.0047-.0059-.0071	.0057-.0071-.0085	.0079-.0098-.0118	.0104-.0130-.0156	.0132-.0165-.0198	.0151-.0189-.0227	.0173-.0217-.0260	.0183-.0228-.0274
.0041-.0051-.0061	.0047-.0059-.0071	.0063-.0079-.0094	.0082-.0102-.0123	.0104-.0130-.0156	.0120-.0150-.0180	.0135-.0169-.0203	.0142-.0177-.0213
.0041-.0051-.0061	.0047-.0059-.0071	.0063-.0079-.0094	.0082-.0102-.0123	.0104-.0130-.0156	.0120-.0150-.0180	.0135-.0169-.0203	.0142-.0177-.0213
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161

CoroDrill® 460

Suministro de refrigerante exterior, valores en pulgadas

2 – 3 x DC

ISO	Núm. MC	Material	Dureza Brinell HB	Velocidad de corte (V_c) p/min
P		**Acero no aleado**		(mín.-inicio-máx.)
	P1.1.Z.AN	C = 0.05–0.10 %	125	262-328-410
	P1.1.Z.AN	C = 0.1–0.25%	125	262-328-410
	P1.2.Z.AN	C = 0.25–0.55%	150	289-361-433
	P1.3.Z.AN	C = 0.55–0.80%	170	231-289-361
		Acero de alto cont. en carbono		
	P1.3.Z.AN	Acero de herramientas al carbono	210	231-289-361
		Acero de baja aleación		
	P2.1.Z.AN	No templado	175	231-289-361
	P2.5.Z.HT.1	Endurecido y templado	275	157-197-246
	P2.5.Z.HT.2	Endurecido y templado	350	136-171-213
		Acero de alta aleación		
	P3.0.Z.AN	Recocido	200	199-249-312
	P3.0.Z.HT.1	Acero de herram. templado	300	136-171-213
		Acero fundido		
	P1.5.C.UT	No aleado	150	231-289-361
	P2.6.C.UT	Baja aleación (elementos de aleación ≤ 5%)	200	199-249-312
M		**Acero inoxidable**		
	M1.0.Z.AQ	Austenítico	200	73-92-115
	M2.0.Z.AQ	Superaustenítico Ni≥20%	200	73-92-115
	M3.1.Z.AQ	Dúplex (austenítico/ferrítico)	230	63-79-98
	M3.2.Z.AQ	Dúplex (austenítico/ferrítico)	260	63-79-98
	M1.0.C.UT	Austenítico	200	73-92-115
	M2.0.C.AQ	Superaustenítico Ni≥20%	200	73-92-115
	M3.1.C.AQ	Dúplex (austenítico/ferrítico)	230	63-79-98
K		**Fundición maleable**		
	K1.1.C.NS	Ferrítico Perlítico	200	168-210-262
		Fundición gris		
	K2.1.C.UT	Baja resistencia a la tracción	180	231-289-361
	K2.2.C.UT	Alta resistencia a la tracción	245	231-289-361
	K2.3.C.UT	Austenítico	175	168-210-262
		Fundición nodular		
	K3.1.C.UT	Ferrítica	155	168-210-262
	K3.2.C.UT	Ferrítico Perlítico	215	168-210-262
	K3.3.C.UT	Perlítica	265	168-210-262
	K3.5.C.UT	Austenítico	190	210-262-315
	K5.1.C.NS	ADI	300	168-210-262
N		**Aleaciones con base de aluminio**		
	N1.2.Z.UT	Puro comercial	60	525-656-820
	N1.2.Z.AG	Aleaciones AlSi, Si ≤ 1%	100	525-656-820
	N1.3.C.UT	Fundida, no envejecida	75	525-656-820
	N1.3.C.AG	Fundición, o fundición y envejecido	90	420-525-656
	N1.4.C.NS	Aleaciones de fundición AlSi, Si ≥ 13%	130	315-394-492
		Aleaciones con base de cobre		
	N3.3.U.UT	Aleaciones para corte sin problemas basadas en cobre (Pb>1%)	110	462-577-722
	N3.1.U.UT	Aleaciones de cobre sin plomo (incl. cobre electrolítico)	100	262-328-410
S		**Titanio**		
	S4.1.Z.UT		200	115-144-180
	S4.2.Z.AN		320	84-105-131
	S4.4.Z.AN		330	84-105-131
H	H1.1.Z.HA	Acero extra duro: templado y revenido	50HRC	63-79-98
	H2.0.C.UT.4	Fundición en coquilla	64HRC	52-66-82

SPA

CoroDrill® 460

Suministro de refrigerante exterior, valores en pulgadas

2 – 3 x DC

Diámetro de broca, pulgadas							
.1181	.1575	.2362	.3150	.3937	.4724	.6299	.7874
Avance f_n pulg./r (mín.-inicio-máx.)							
.0041-.0051-.0061	.0047-.0059-.0071	.0063-.0079-.0094	.0082-.0102-.0123	.0104-.0130-.0156	.0120-.0150-.0180	.0135-.0169-.0203	.0142-.0177-.0213
.0041-.0051-.0061	.0047-.0059-.0071	.0063-.0079-.0094	.0082-.0102-.0123	.0104-.0130-.0156	.0120-.0150-.0180	.0135-.0169-.0203	.0142-.0177-.0213
.0041-.0051-.0061	.0047-.0059-.0071	.0063-.0079-.0094	.0082-.0102-.0123	.0104-.0130-.0156	.0120-.0150-.0180	.0135-.0169-.0203	.0142-.0177-.0213
.0041-.0051-.0061	.0047-.0059-.0071	.0063-.0079-.0094	.0082-.0102-.0123	.0104-.0130-.0156	.0120-.0150-.0180	.0135-.0169-.0203	.0142-.0177-.0213
.0041-.0051-.0061	.0047-.0059-.0071	.0063-.0079-.0094	.0082-.0102-.0123	.0104-.0130-.0156	.0120-.0150-.0180	.0135-.0169-.0203	.0142-.0177-.0213
.0041-.0051-.0061	.0047-.0059-.0071	.0063-.0079-.0094	.0082-.0102-.0123	.0104-.0130-.0156	.0120-.0150-.0180	.0135-.0169-.0203	.0142-.0177-.0213
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0022-.0028-.0033	.0025-.0031-.0038	.0034-.0042-.0051	.0044-.0055-.0066	.0054-.0067-.0080	.0063-.0079-.0094	.0072-.0091-.0109	.0076-.0094-.0113
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0022-.0028-.0033	.0025-.0031-.0038	.0034-.0042-.0051	.0044-.0055-.0066	.0054-.0067-.0080	.0063-.0079-.0094	.0072-.0091-.0109	.0076-.0094-.0113
.0041-.0051-.0061	.0047-.0059-.0071	.0063-.0079-.0094	.0082-.0102-.0123	.0104-.0130-.0156	.0120-.0150-.0180	.0135-.0169-.0203	.0142-.0177-.0213
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0022-.0028-.0033	.0025-.0031-.0038	.0034-.0042-.0051	.0044-.0055-.0066	.0054-.0067-.0080	.0063-.0079-.0094	.0072-.0091-.0109	.0076-.0094-.0113
.0022-.0028-.0033	.0025-.0031-.0038	.0034-.0042-.0051	.0044-.0055-.0066	.0054-.0067-.0080	.0063-.0079-.0094	.0072-.0091-.0109	.0076-.0094-.0113
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0022-.0028-.0033	.0025-.0031-.0038	.0034-.0042-.0051	.0044-.0055-.0066	.0054-.0067-.0080	.0063-.0079-.0094	.0072-.0091-.0109	.0076-.0094-.0113
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0041-.0051-.0061	.0047-.0059-.0071	.0063-.0079-.0094	.0082-.0102-.0123	.0104-.0130-.0156	.0120-.0150-.0180	.0135-.0169-.0203	.0142-.0177-.0213
.0041-.0051-.0061	.0047-.0059-.0071	.0063-.0079-.0094	.0082-.0102-.0123	.0104-.0130-.0156	.0120-.0150-.0180	.0135-.0169-.0203	.0142-.0177-.0213
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0041-.0051-.0061	.0047-.0059-.0071	.0063-.0079-.0094	.0082-.0102-.0123	.0104-.0130-.0156	.0120-.0150-.0180	.0135-.0169-.0203	.0142-.0177-.0213
.0041-.0051-.0061	.0047-.0059-.0071	.0063-.0079-.0094	.0082-.0102-.0123	.0104-.0130-.0156	.0120-.0150-.0180	.0135-.0169-.0203	.0142-.0177-.0213
.0041-.0051-.0061	.0047-.0059-.0071	.0063-.0079-.0094	.0082-.0102-.0123	.0104-.0130-.0156	.0120-.0150-.0180	.0135-.0169-.0203	.0142-.0177-.0213
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0041-.0051-.0061	.0047-.0059-.0071	.0063-.0079-.0094	.0082-.0102-.0123	.0104-.0130-.0156	.0120-.0150-.0180	.0135-.0169-.0203	.0142-.0177-.0213
.0041-.0051-.0061	.0047-.0059-.0071	.0063-.0079-.0094	.0082-.0102-.0123	.0104-.0130-.0156	.0120-.0150-.0180	.0135-.0169-.0203	.0142-.0177-.0213
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0022-.0028-.0033	.0025-.0031-.0038	.0034-.0042-.0051	.0044-.0055-.0066	.0054-.0067-.0080	.0063-.0079-.0094	.0072-.0091-.0109	.0076-.0094-.0113
.0022-.0028-.0033	.0025-.0031-.0038	.0034-.0042-.0051	.0044-.0055-.0066	.0054-.0067-.0080	.0063-.0079-.0094	.0072-.0091-.0109	.0076-.0094-.0113
.0022-.0028-.0033	.0025-.0031-.0038	.0034-.0042-.0051	.0044-.0055-.0066	.0054-.0067-.0080	.0063-.0079-.0094	.0072-.0091-.0109	.0076-.0094-.0113
.0022-.0028-.0033	.0025-.0031-.0038	.0034-.0042-.0051	.0044-.0055-.0066	.0054-.0067-.0080	.0063-.0079-.0094	.0072-.0091-.0109	.0076-.0094-.0113

CoroDrill® 460

Suministro de refrigerante exterior, valores en pulgadas

4 – 5 × DC

ISO	Núm. MC	Material	Dureza Brinell HB	Velocidad de corte (V_c) p/min
P		**Acero no aleado**		(mín.-inicio-máx.)
	P1.1.Z.AN	C = 0.05–0.10 %	125	262-328-410
	P1.1.Z.AN	C = 0.1–0.25%	125	262-328-410
	P1.2.Z.AN	C = 0.25–0.55%	150	289-361-433
	P1.3.Z.AN	C = 0.55–0.80%	170	231-289-361
		Acero de alto cont. en carbono		
	P1.3.Z.AN	Acero de herramientas al carbono	210	231-289-361
		Acero de baja aleación		
	P2.1.Z.AN	No templado	175	231-289-361
	P2.5.Z.HT.1	Endurecido y templado	275	157-197-246
	P2.5.Z.HT.2	Endurecido y templado	350	136-171-213
		Acero de alta aleación		
	P3.0.Z.AN	Recocido	200	199-249-312
	P3.0.Z.HT.1	Acero de herram. templado	300	136-171-213
		Acero fundido		
	P1.5.C.UT	No aleado	150	231-289-361
	P2.6.C.UT	Baja aleación (elementos de aleación ≤ 5%)	200	199-249-312
M		**Acero inoxidable**		
	M1.0.Z.AQ	Austenítico	200	73-92-115
	M2.0.Z.AQ	Superaustenítico Ni≥20%	200	73-92-115
	M3.1.Z.AQ	Dúplex (austenítico/ferrítico)	230	63-79-98
	M3.2.Z.AQ	Dúplex (austenítico/ferrítico)	260	63-79-98
	M1.0.C.UT	Austenítico	200	73-92-115
	M2.0.C.AQ	Superaustenítico Ni≥20%	200	73-92-115
	M3.1.C.AQ	Dúplex (austenítico/ferrítico)	230	63-79-98
K		**Fundición maleable**		
	K1.1.C.NS	Ferrítico Perlítico	200	168-210-262
		Fundición gris		
	K2.1.C.UT	Baja resistencia a la tracción	180	231-289-361
	K2.2.C.UT	Alta resistencia a la tracción	245	231-289-361
	K2.3.C.UT	Austenítico	175	168-210-262
		Fundición nodular		
	K3.1.C.UT	Ferrítica	155	168-210-262
	K3.2.C.UT	Ferrítico Perlítico	215	168-210-262
	K3.3.C.UT	Perlítica	265	168-210-262
	K3.5.C.UT	Austenítico	190	168-210-262
	K5.1.C.NS	ADI	300	168-210-262
N		**Aleaciones con base de aluminio**		
	N1.2.Z.UT	Puro comercial	60	525-656-820
	N1.2.Z.AG	Aleaciones AlSi, Si ≤ 1%	100	525-656-820
	N1.3.C.UT	Fundida, no envejecida	75	525-656-820
	N1.3.C.AG	Fundición, o fundición y envejecido	90	420-525-656
	N1.4.C.NS	Aleaciones de fundición AlSi, Si ≥ 13%	130	315-394-492
		Aleaciones con base de cobre		
	N3.3.U.UT	Aleaciones para corte sin problemas basadas en cobre (Pb>1%)	110	462-577-722
	N3.1.U.UT	Aleaciones de cobre sin plomo (incl. cobre electrolítico)	100	262-328-410
S		**Titanio**		
	S4.1.Z.UT		200	115-144-180
	S4.2.Z.AN		320	84-105-131
	S4.4.Z.AN		330	84-105-131
H	H1.1.Z.HA	Acero extra duro: templado y revenido	50HRC	63-79-98
	H2.0.C.UT.4	Fundición en coquilla	64HRC	52-66-82

CoroDrill® 460

Suministro de refrigerante exterior, valores en pulgadas

4 – 5 × DC

Diámetro de broca, pulgadas							
.1181	.1575	.2362	.3150	.3937	.4724	.6299	.7874
Avance f_n pulg./r (mín.-inicio-máx.)							
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0022-.0028-.0033	.0025-.0031-.0038	.0034-.0042-.0051	.0044-.0055-.0066	.0054-.0067-.0080	.0063-.0079-.0094	.0072-.0091-.0109	.0076-.0094-.0113
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0022-.0028-.0033	.0025-.0031-.0038	.0034-.0042-.0051	.0044-.0055-.0066	.0054-.0067-.0080	.0063-.0079-.0094	.0072-.0091-.0109	.0076-.0094-.0113
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0022-.0028-.0033	.0025-.0031-.0038	.0034-.0042-.0051	.0044-.0055-.0066	.0054-.0067-.0080	.0063-.0079-.0094	.0072-.0091-.0109	.0076-.0094-.0113
.0022-.0028-.0033	.0025-.0031-.0038	.0034-.0042-.0051	.0044-.0055-.0066	.0054-.0067-.0080	.0063-.0079-.0094	.0072-.0091-.0109	.0076-.0094-.0113
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0022-.0028-.0033	.0025-.0031-.0038	.0034-.0042-.0051	.0044-.0055-.0066	.0054-.0067-.0080	.0063-.0079-.0094	.0072-.0091-.0109	.0076-.0094-.0113
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0041-.0051-.0061	.0047-.0059-.0071	.0063-.0079-.0094	.0082-.0102-.0123	.0104-.0130-.0156	.0120-.0150-.0180	.0135-.0169-.0203	.0142-.0177-.0213
.0041-.0051-.0061	.0047-.0059-.0071	.0063-.0079-.0094	.0082-.0102-.0123	.0104-.0130-.0156	.0120-.0150-.0180	.0135-.0169-.0203	.0142-.0177-.0213
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0041-.0051-.0061	.0047-.0059-.0071	.0063-.0079-.0094	.0082-.0102-.0123	.0104-.0130-.0156	.0120-.0150-.0180	.0135-.0169-.0203	.0142-.0177-.0213
.0041-.0051-.0061	.0047-.0059-.0071	.0063-.0079-.0094	.0082-.0102-.0123	.0104-.0130-.0156	.0120-.0150-.0180	.0135-.0169-.0203	.0142-.0177-.0213
.0041-.0051-.0061	.0047-.0059-.0071	.0063-.0079-.0094	.0082-.0102-.0123	.0104-.0130-.0156	.0120-.0150-.0180	.0135-.0169-.0203	.0142-.0177-.0213
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0041-.0051-.0061	.0047-.0059-.0071	.0063-.0079-.0094	.0082-.0102-.0123	.0104-.0130-.0156	.0120-.0150-.0180	.0135-.0169-.0203	.0142-.0177-.0213
.0041-.0051-.0061	.0047-.0059-.0071	.0063-.0079-.0094	.0082-.0102-.0123	.0104-.0130-.0156	.0120-.0150-.0180	.0135-.0169-.0203	.0142-.0177-.0213
.0031-.0039-.0047	.0036-.0045-.0054	.0048-.0060-.0072	.0063-.0079-.0094	.0079-.0098-.0118	.0088-.0110-.0132	.0101-.0126-.0151	.0107-.0134-.0161
.0022-.0028-.0033	.0025-.0031-.0038	.0034-.0042-.0051	.0044-.0055-.0066	.0054-.0067-.0080	.0063-.0079-.0094	.0072-.0091-.0109	.0076-.0094-.0113
.0022-.0028-.0033	.0025-.0031-.0038	.0034-.0042-.0051	.0044-.0055-.0066	.0054-.0067-.0080	.0063-.0079-.0094	.0072-.0091-.0109	.0076-.0094-.0113
.0022-.0028-.0033	.0025-.0031-.0038	.0034-.0042-.0051	.0044-.0055-.0066	.0054-.0067-.0080	.0063-.0079-.0094	.0072-.0091-.0109	.0076-.0094-.0113
.0022-.0028-.0033	.0025-.0031-.0038	.0034-.0042-.0051	.0044-.0055-.0066	.0054-.0067-.0080	.0063-.0079-.0094	.0072-.0091-.0109	.0076-.0094-.0113

CoroTap™

CoroTap™ 200

Valores métricos

				T200-XM								
				Calidad B110/C110			Calidad B145/C145			Calidad B150/C150		
				ULDR			ULDR			ULDR		
			ULDR(xTD)	1.5	2	3	1.5	2	3	1.5	2	3
ISO	Núm. MC	Material	HB	v_c m/min			v_c m/min			v_c m/min		
P		**Acero no aleado**										
	P1.1.Z.AN		125	43	35	30	31	25	21	31	25	21
	P1.1.Z.HT		190	41	34	29	27	22	19	27	22	19
	P1.2.Z.AN		190	39	32	27	22	18	15	22	18	15
	P1.2.Z.HT		210	31	26	22	20	16	14	20	16	14
	P1.3.Z.AN		190	39	32	27	22	18	15	22	18	15
	P1.3.Z.HT		300	21	17	15	12	10	9	12	10	9
		Acero de baja aleación										
	P2.1.Z.AN		175	39	32	27	22	18	15	22	18	15
	P2.2.Z.AN		240	31	26	22	20	16	14	20	16	14
	P2.3.Z.AN		260	21	17	15	12	10	9	12	10	9
	P2.5.Z.HT.1		285	21	17	15	12	10	9	12	10	9
		Acero de alta aleación										
	P3.0.Z.AN		200	31	26	22	20	16	14	20	16	14
	P3.0.Z.HT.1		380	10	8	7	6	5	4	6	5	4
	P3.1.Z.AN		250	31	26	22	20	16	14	20	16	14
		Acero fundido										
	P1.5.C.UT		150	39	32	27	22	18	15	22	18	15
	P2.6.C.UT		200	31	26	22	20	16	14	20	16	14
		Acero inoxidable ferrítico/martensítico										
	P5.0.Z.HT.1		330	32	26	22	20	16	14	20	16	14
	P5.0.Z.PH		330	12	10	9	5	4	3			
M		**Acero inoxidable austenítico**										
	M1.0.Z.AQ		200	10	8	7	7	6	5	-	-	-
	M1.0.C.UT		230	10	8	7	7	6	5	-	-	-
		Acero inoxidable superaustenítico										
	M2.0.Z.AQ		200	10	8	7	7	6	5	-	-	-
	M2.0.C.AQ		260	10	8	7	7	6	5	-	-	-
		Acero inoxidable dúplex (austenítico/ferrítico)										
	M3.1.Z.AQ		200	6	5	4	5	4	3	-	-	-
	M3.2.Z.AQ		200	6	5	4	5	4	3	-	-	-
	M3.1.C.AQ		230	6	5	4	5	4	3	-	-	-
K		**Fundición maleable**										
	K1.1.C.NS		200	24	20	17	18	15	13	18	15	13
		Fundición gris										
	K2.1.C.UT		180	23	19	16	18	15	13	18	15	13
	K2.2.C.UT		245	16	13	11	10	8	7	10	8	7
	K2.3.C.UT		175	24	20	17	18	15	13	18	15	13
		Fundición nodular										
	K3.1.C.UT		155	24	20	17	18	15	13	18	15	13
	K3.2.C.UT		215	24	20	17	18	15	13	18	15	13
	K3.3.C.UT		265	24	20	17	18	15	13	18	15	13
	K3.5.C.UT		190	24	20	17	18	15	13	18	15	13
	K5.1.C.NS	**Fundición dúctil austemperizada**	300	16	13	11	10	8	7	10	8	7
N		**Aleaciones con base de aluminio**										
	N1.2.Z.UT		60	49	40	34	-	-	-	43	35	30
	N1.2.Z.AG		100	49	40	34	-	-	-	43	35	30
	N1.3.C.UT		75	49	40	34	-	-	-	43	35	30
	N1.3.C.AG		90	31	25	21	-	-	-	24	20	17
	N1.4.C.NS		130	21	18	15	-	-	-	18	15	13
		Aleaciones con base de cobre										
	N3.3.U.UT		110	46	38	32	-	-	-	37	30	26
	N3.1.U.UT		100	18	15	13	-	-	-	15	12	10
S		**Superaleaciones con base de hierro**										
	S1.0.U.AN		200	9	8	6	-	-	-	6	5	4
		Superaleaciones con base de níquel										
	S2.0.Z.UT		275	9	8	6	-	-	-	6	5	4
	S2.0.Z.AN		250	9	8	6	-	-	-	6	5	4
	S2.1.Z.AN		125	23	19	16	-	-	-	15	12	10
		Aleaciones con base de titanio										
	S4.1.Z.UT		200	21	18	15	-	-	-	18	15	13

SPA

CoroTap™

CoroTap™ 200

Valores en pulgadas

				T200-XM								
				Calidad B110/C110			Calidad B145/C145			Calidad B150/C150		
				ULDR			ULDR			ULDR		
			ULDR(xTD)	1.5	2	3	1.5	2	3	1.5	2	3
ISO	Núm. MC	Material	HB	v_c pies/min			v_c pies/min			v_c pies/min		
P		**Acero no aleado**										
	P1.1.Z.AN		125	140	115	98	100	82	70	100	82	70
	P1.1.Z.HT		190	134	110	94	88	72	62	88	72	62
	P1.2.Z.AN		190	126	103	88	72	59	51	72	59	51
	P1.2.Z.HT		210	102	84	72	64	52	45	64	52	45
	P1.3.Z.AN		190	126	103	88	72	59	51	72	59	51
	P1.3.Z.HT		300	70	57	49	40	33	28	40	33	28
		Acero de baja aleación										
	P2.1.Z.AN		175	126	103	88	72	59	51	72	59	51
	P2.2.Z.AN		240	102	84	72	64	52	45	64	52	45
	P2.3.Z.AN		260	70	57	49	40	33	28	40	33	28
	P2.5.Z.HT.1		285	70	57	49	40	33	28	40	33	28
		Acero de alta aleación										
	P3.0.Z.AN		200	102	84	72	64	52	45	64	52	45
	P3.0.Z.HT.1		380	32	26	22	20	16	14	20	16	14
	P3.1.Z.AN		250	102	84	72	64	52	45	64	52	45
		Acero fundido										
	P1.5.C.UT		150	126	103	88	72	59	51	72	59	51
	P2.6.C.UT		200	102	84	72	64	52	45	64	52	45
		Acero inoxidable ferrítico/martensítico										
	P5.0.Z.HT.1		330	104	85	73	64	52	45	64	52	45
	P5.0.Z.PH		330	40	33	28	16	13	11	-	-	-
M		**Acero inoxidable austenítico**										
	M1.0.Z.AQ		200	32	26	22	24	20	17	-	-	-
	M1.0.C.UT		230	32	26	22	24	20	17	-	-	-
		Acero inoxidable superaustenítico										
	M2.0.Z.AQ		200	32	26	22	24	20	17	-	-	-
	M2.0.C.AQ		260	32	26	22	24	20	17	-	-	-
		Acero inoxidable dúplex (austenítico/ferrítico)										
	M3.1.Z.AQ		200	20	16	14	16	13	11	-	-	-
	M3.2.Z.AQ		200	20	16	14	16	13	11	-	-	-
	M3.1.C.AQ		230	20	16	14	16	13	11	-	-	-
K		**Fundición maleable**										
	K1.1.C.NS		200	80	66	56	60	49	42	60	49	42
		Fundición gris										
	K2.1.C.UT		180	74	61	52	60	49	42	60	49	42
	K2.2.C.UT		245	52	43	36	32	26	22	32	26	22
	K2.3.C.UT		175	80	66	56	60	49	42	60	49	42
		Fundición nodular										
	K3.1.C.UT		155	80	66	56	60	49	42	60	49	42
	K3.2.C.UT		215	80	66	56	60	49	42	60	49	42
	K3.3.C.UT		265	80	66	56	60	49	42	60	49	42
	K3.5.C.UT		190	80	66	56	60	49	42	60	49	42
	K5.1.C.NS	**Fundición dúctil austemperizada**	300	52	43	36	32	26	22	32	26	22
N		**Aleaciones con base de aluminio**										
	N1.2.Z.UT		60	161	131	112	-	-	-	140	115	98
	N1.2.Z.AG		100	161	131	112	-	-	-	140	115	98
	N1.3.C.UT		75	161	131	112	-	-	-	140	115	98
	N1.3.C.AG		90	100	82	70	-	-	-	80	66	56
	N1.4.C.NS		130	70	57	49	-	-	-	60	49	42
		Aleaciones con base de cobre										
	N3.3.U.UT		110	150	123	105	-	-	-	120	98	84
	N3.1.U.UT		100	60	49	42	-	-	-	48	39	34
S		**Superaleaciones con base de hierro**										
	S1.0.U.AN		200	30	25	21	-	-	-	20	16	14
		Superaleaciones con base de níquel										
	S2.0.Z.UT		275	30	25	21	-	-	-	20	16	14
	S2.0.Z.AN		250	30	25	21	-	-	-	20	16	14
	S2.1.Z.AN		125	74	61	52	-	-	-	48	39	34
		Aleaciones con base de titanio										
	S4.1.Z.UT		200	70	57	49	-	-	-	60	49	42

CoroTap™

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Valores métricos

				T300-XM Calidad B110/C110			T300-XM Calidad B145/C145			T300-XM Calidad B150/C150		
				ULDR			ULDR			ULDR		
			ULDR(xTD)	1.5	2	3	1.5	2	3	1.5	2	3
ISO	Núm. MC	Material	HB	v_c m/min			v_c m/min			v_c m/min		
P		**Acero no aleado**										
	P1.1.Z.AN		125	43	35	30	31	25	21	31	25	21
	P1.1.Z.HT		190	41	34	29	27	22	19	27	22	19
	P1.2.Z.AN		190	39	32	27	22	18	15	22	18	15
	P1.2.Z.HT		210	31	26	22	20	16	14	20	16	14
	P1.3.Z.AN		190	39	32	27	22	18	15	22	18	15
	P1.3.Z.HT		300	21	17	15	12	10	9	12	10	9
		Acero de baja aleación										
	P2.1.Z.AN		175	39	32	27	22	18	15	22	18	15
	P2.2.Z.AN		240	31	26	22	20	16	14	20	16	14
	P2.3.Z.AN		260	21	17	15	12	10	9	12	10	9
	P2.5.Z.HT.1		285	21	17	15	12	10	9	12	10	9
		Acero de alta aleación										
	P3.0.Z.AN		200	31	26	22	20	16	14	20	16	14
	P3.0.Z.HT.1		380				6	5	4			
	P3.1.Z.AN		250	31	26	22	20	16	14	20	16	14
		Acero fundido										
	P1.5.C.UT		150	39	32	27	22	18	15	22	18	15
	P2.6.C.UT		200	31	26	22	20	16	14	20	16	14
		Acero inoxidable ferrítico/martensítico										
	P5.0.Z.HT.1		330	32	26	22	20	16	14	20	16	14
	P5.0.Z.PH		330	12	10	9	5	4	3	-	-	-
M		**Acero inoxidable austenítico**										
	M1.0.Z.AQ		200	10	8	7	7	6	5	-	-	-
	M1.0.C.UT		230	10	8	7	7	6	5	-	-	-
		Acero inoxidable superaustenítico										
	M2.0.Z.AQ		200	10	8	7	7	6	5	-	-	-
	M2.0.C.AQ		260	10	8	7	7	6	5	-	-	-
		Acero inoxidable dúplex (austenítico/ferrítico)										
	M3.1.Z.AQ		200	6	5	4	5	4	3	-	-	-
	M3.2.Z.AQ		200	6	5	4	5	4	3	-	-	-
	M3.1.C.AQ		230	6	5	4	5	4	3	-	-	-
K		**Fundición maleable**										
	K1.1.C.NS		200	24	20	17	18	15	13	-	-	-
		Fundición gris										
	K2.1.C.UT		180	23	19	16	18	15	13	-	-	-
	K2.2.C.UT		245	16	13	11	10	8	7	-	-	-
	K2.3.C.UT		175	24	20	17	18	15	13	-	-	-
		Fundición nodular										
	K3.1.C.UT		155	24	20	17	18	15	13	-	-	-
	K3.2.C.UT		215	24	20	17	18	15	13	-	-	-
	K3.3.C.UT		265	24	20	17	18	15	13	-	-	-
	K3.5.C.UT		190	24	20	17	18	15	13	-	-	-
	K5.1.C.NS	**Fundición dúctil austemperizada**	300	16	13	11	10	8	7	-	-	-
N		**Aleaciones con base de aluminio**										
	N1.2.Z.UT		60	49	40	34	-	-	-	43	35	30
	N1.2.Z.AG		100	49	40	34	-	-	-	43	35	30
	N1.3.C.UT		75	49	40	34	-	-	-	43	35	30
	N1.3.C.AG		90	31	25	21	-	-	-	24	20	17
	N1.4.C.NS		130	21	18	15	-	-	-	18	15	13
		Aleaciones con base de cobre										
	N3.3.U.UT		110	-	-	-	-	-	-	-	-	-
	N3.1.U.UT		100	-	-	-	-	-	-	-	-	-
S		**Superaleaciones con base de hierro**										
	S1.0.U.AN		200	9	8	6	-	-	-	6	5	4
		Superaleaciones con base de níquel										
	S2.0.Z.UT		275	9	8	6	-	-	-	6	5	4
	S2.0.Z.AN		250	9	8	6	-	-	-	6	5	4
	S2.1.Z.AN		125	23	19	16	-	-	-	15	12	10
		Aleaciones con base de titanio										
	S4.1.Z.UT		200	21	18	15	-	-	-	18	15	13

SPA

CoroTap™

CoroTap™ 300

Valores en pulgadas

				T300-XM								
				Calidad B110/C110			Calidad B145/C145			Calidad B150/C150		
				ULDR			ULDR			ULDR		
			ULDR(xTD)	1.5	2	3	1.5	2	3	1.5	2	3
ISO	Núm. MC	Material	HB	v_c pies/min			v_c pies/min			v_c pies/min		
P		**Acero no aleado**										
	P1.1.Z.AN		125	140	115	98	100	82	70	100	82	70
	P1.1.Z.HT		190	134	110	94	88	72	62	88	72	62
	P1.2.Z.AN		190	126	103	88	72	59	51	72	59	51
	P1.2.Z.HT		210	102	84	72	64	52	45	64	52	45
	P1.3.Z.AN		190	126	103	88	72	59	51	72	59	51
	P1.3.Z.HT		300	70	57	49	40	33	28	40	33	28
		Acero de baja aleación										
	P2.1.Z.AN		175	126	103	88	72	59	51	72	59	51
	P2.2.Z.AN		240	102	84	72	64	52	45	64	52	45
	P2.3.Z.AN		260	70	57	49	40	33	28	40	33	28
	P2.5.Z.HT.1		285	70	57	49	40	33	28	40	33	28
		Acero de alta aleación										
	P3.0.Z.AN		200	102	84	72	64	52	45	64	52	45
	P3.0.Z.HT.1		380				20	16	14			
	P3.1.Z.AN		250	102	84	72	64	52	45	64	52	45
		Acero fundido										
	P1.5.C.UT		150	126	103	88	72	59	51	72	59	51
	P2.6.C.UT		200	102	84	72	64	52	45	64	52	45
		Acero inoxidable ferrítico/martensítico										
	P5.0.Z.HT.1		330	104	85	73	64	52	45	64	52	45
	P5.0.Z.PH		330	40	33	28	16	13	11	-	-	-
M		**Acero inoxidable austenítico**										
	M1.0.Z.AQ		200	32	26	22	24	20	17	-	-	-
	M1.0.C.UT		230	32	26	22	24	20	17	-	-	-
		Acero inoxidable superaustenítico										
	M2.0.Z.AQ		200	32	26	22	24	20	17	-	-	-
	M2.0.C.AQ		260	32	26	22	24	20	17	-	-	-
		Acero inoxidable dúplex (austenítico/ferrítico)										
	M3.1.Z.AQ		200	20	16	14	16	13	11	-	-	-
	M3.2.Z.AQ		200	20	16	14	16	13	11	-	-	-
	M3.1.C.AQ		230	20	16	14	16	13	11	-	-	-
K		**Fundición maleable**										
	K1.1.C.NS		200	80	66	56	60	49	42	-	-	-
		Fundición gris										
	K2.1.C.UT		180	74	61	52	60	49	42	-	-	-
	K2.2.C.UT		245	52	43	36	32	26	22	-	-	-
	K2.3.C.UT		175	80	66	56	60	49	42	-	-	-
		Fundición nodular										
	K3.1.C.UT		155	80	66	56	60	49	42	-	-	-
	K3.2.C.UT		215	80	66	56	60	49	42	-	-	-
	K3.3.C.UT		265	80	66	56	60	49	42	-	-	-
	K3.5.C.UT		190	80	66	56	60	49	42	-	-	-
	K5.1.C.NS	**Fundición dúctil austemperizada**	300	52	43	36	32	26	22	-	-	-
N		**Aleaciones con base de aluminio**										
	N1.2.Z.UT		60	161	131	112	-	-	-	140	115	98
	N1.2.Z.AG		100	161	131	112	-	-	-	140	115	98
	N1.3.C.UT		75	161	131	112	-	-	-	140	115	98
	N1.3.C.AG		90	100	82	70	-	-	-	80	66	56
	N1.4.C.NS		130	70	57	49	-	-	-	60	49	42
		Aleaciones con base de cobre										
	N3.3.U.UT		110	-	-	-	-	-	-	-	-	-
	N3.1.U.UT		100	-	-	-	-	-	-	-	-	-
S		**Superaleaciones con base de hierro**										
	S1.0.U.AN		200	30	25	21	-	-	-	20	16	14
		Superaleaciones con base de níquel										
	S2.0.Z.UT		275	30	25	21	-	-	-	20	16	14
	S2.0.Z.AN		250	30	25	21	-	-	-	20	16	14
	S2.1.Z.AN		125	74	61	52	-	-	-	48	39	34
		Aleaciones con base de titanio										
	S4.1.Z.UT		200	70	57	49	-	-	-	60	49	42

Datos de corte para CoroReamer™ 435

Valores métricos

CoroReamer™ 435 -XF					Ø mm					
ISO	Núm. MC	Material	N/mm²	Datos de aplicación	< 5.00	5.00 - 6.20	6.20 - 8.00	8.00 - 12.00	12.00 - 16.00	16.00 - 20.00
P		**Acero no aleado**								
				v_c m/min				30		
	P1.1.Z.AN	C=0.10-0.25%	428	f_n mm/rev.	0.15	0.18	0.20	0.20	0.30	0.30
				Creces	0.10	0.10	0.20	0.20	0.20	0.30
				v_c m/min				30		
	P.1..Z.AN	Endurecido y templado	639	f_n mm/rev.	0.15	0.18	0.20	0.20	0.30	0.30
				Creces	0.10	0.10	0.20	0.20	0.20	0.30
				v_c m/min				30		
	P1.2.Z.AN	C=0.25-0.55%	639	f_n mm/rev.	0.15	0.18	0.20	0.20	0.30	0.30
				Creces	0.10	0.10	0.20	0.20	0.20	0.30
				v_c m/min				30		
	P1.2.Z.HT		708	f_n mm/rev.	0.15	0.18	0.20	0.20	0.30	0.30
				Creces	0.10	0.10	0.20	0.20	0.20	0.30
				v_c m/min				30		
	P1.3.Z.AN	C=0.55-0.80%	639	f_n mm/rev.	0.15	0.18	0.20	0.20	0.30	0.30
				Creces	0.10	0.10	0.20	0.20	0.20	0.30
				v_c m/min				20		
	P1.3.Z.HT		991	f_n mm/rev.	0.15	0.18	0.20	0.20	0.30	0.30
				Creces	0.10	0.10	0.20	0.20	0.20	0.30
		Acero de baja aleación								
				v_c m/min				30		
	P2.1.Z.AN	No templado	591	f_n mm/rev.	0.15	0.18	0.20	0.20	0.30	0.30
				Creces	0.10	0.10	0.20	0.20	0.20	0.30
				v_c m/min				20		
	P2.2.Z.AN	Recocido	811	f_n mm/rev.	0.15	0.18	0.20	0.20	0.30	0.30
				Creces	0.10	0.10	0.20	0.20	0.20	0.30
				v_c m/min				20		
	P2.3.Z.AN		867	f_n mm/rev.	0.15	0.18	0.20	0.20	0.30	0.30
				Creces	0.10	0.10	0.20	0.20	0.20	0.30
				v_c m/min				15		
	P2.5.Z.HT	Endurecido y templado	961	f_n mm/rev.	0.15	0.18	0.20	0.20	0.30	0.30
				Creces	0.10	0.10	0.20	0.20	0.20	0.30
		Acero fundido								
				v_c m/min				30		
	P1.5.C.UT	No aleado	503	f_n mm/rev.	0.15	0.18	0.20	0.20	0.30	0.30
				Creces	0.10	0.10	0.20	0.20	0.20	0.30
				v_c m/min				20		
	P2.6.C.UT	Baja aleación (elementos de aleación ≤ 5%)	674	f_n mm/rev.	0.15	0.18	0.20	0.20	0.30	0.30
				Creces	0.10	0.10	0.20	0.20	0.20	0.30
		Acero de alta aleación								
				v_c m/min				20		
	P3.0.Z.AN	Recocido	674	f_n mm/rev.	0.15	0.18	0.20	0.20	0.30	0.30
				Creces	0.10	0.10	0.20	0.20	0.20	0.30
				v_c m/min				15		
	P3.0.Z.HT		1282	f_n mm/rev.	0.15	0.18	0.20	0.20	0.30	0.30
				Creces	0.10	0.10	0.20	0.20	0.20	0.30
				v_c m/min				20		
	P3.1.Z.AN	Acero rápido (HSS) recocido	839	f_n mm/rev.	0.15	0.18	0.20	0.20	0.30	0.30
				Creces	0.10	0.10	0.20	0.20	0.20	0.30
				v_c m/min				15		
	P5.0.Z.HT		1114	f_n mm/rev.	0.15	0.18	0.20	0.20	0.30	0.30
				Creces	0.10	0.10	0.20	0.20	0.20	0.30
				v_c m/min				30		
	P5.0.Z.PH		503	f_n mm/rev.	0.15	0.18	0.20	0.20	0.30	0.30
				Creces	0.10	0.10	0.20	0.20	0.20	0.30

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Datos de corte para CoroReamer™ 435

Valores en pulgadas

CoroReamer™ 435 -XF					Ø pulg.					
ISO	Núm. MC	Material	N/mm²	Datos de aplicación	< .197	.197 - .244	.244 - .315	.315 - .472	.472 - .630	.630 - .787
P		**Acero no aleado**								
				v_c pies/min				98		
	P1.1.Z.AN	C=0.10-0.25%	428	f_n pulg./rev	.006	.007	.008	.008	.012	.012
				Creces	.004	.004	.008	.008	.008	.012
				v_c pies/min				98		
	P.1..Z.AN	Endurecido y templado	639	f_n pulg./rev	.006	.007	.008	.008	.012	.012
				Creces	.004	.004	.008	.008	.008	.012
				v_c pies/min				98		
	P1.2.Z.AN	C=0.25-0.55%	639	f_n pulg./rev	.006	.007	.008	.008	.012	.012
				Creces	.004	.004	.008	.008	.008	.012
				v_c pies/min				98		
	P1.2.Z.HT		708	f_n pulg./rev	.006	.007	.008	.008	.012	.012
				Creces	.004	.004	.008	.008	.008	.012
				v_c pies/min				98		
	P1.3.Z.AN	C=0.55-0.80%	639	f_n pulg./rev	.006	.007	.008	.008	.012	.012
				Creces	.004	.004	.008	.008	.008	.012
				v_c pies/min				66		
	P1.3.Z.HT		991	f_n pulg./rev	.006	.007	.008	.008	.012	.012
				Creces	.004	.004	.008	.008	.008	.012
		Acero de baja aleación								
				v_c pies/min				98		
	P2.1.Z.AN	No templado	591	f_n pulg./rev	.006	.007	.008	.008	.012	.012
				Creces	.004	.004	.008	.008	.008	.012
				v_c pies/min				66		
	P2.2.Z.AN	Recocido	811	f_n pulg./rev	.006	.007	.008	.008	.012	.012
				Creces	.004	.004	.008	.008	.008	.012
				v_c pies/min				66		
	P2.3.Z.AN		867	f_n pulg./rev	.006	.007	.008	.008	.012	.012
				Creces	.004	.004	.008	.008	.008	.012
				v_c pies/min				49		
	P2.5.Z.HT	Endurecido y templado	961	f_n pulg./rev	.006	.007	.008	.008	.012	.012
				Creces	.004	.004	.008	.008	.008	.012
		Acero fundido								
				v_c pies/min				98		
	P1.5.C.UT	No aleado	503	f_n pulg./rev	.006	.007	.008	.008	.012	.012
				Creces	.004	.004	.008	.008	.008	.012
				v_c pies/min				66		
	P2.6.C.UT	Baja aleación (elementos de aleación ≤ 5%)	674	f_n pulg./rev	.006	.007	.008	.008	.012	.012
				Creces	.004	.004	.008	.008	.008	.012
		Acero de alta aleación								
				v_c pies/min				66		
	P3.0.Z.AN	Recocido	674	f_n pulg./rev	.006	.007	.008	.008	.012	.012
				Creces	.004	.004	.008	.008	.008	.012
				v_c pies/min				49		
	P3.0.Z.HT		1282	f_n pulg./rev	.006	.007	.008	.008	.012	.012
				Creces	.004	.004	.008	.008	.008	.012
				v_c pies/min				66		
	P3.1.Z.AN	Acero rápido (HSS) recocido	839	f_n pulg./rev	.006	.007	.008	.008	.012	.012
				Creces	.004	.004	.008	.008	.008	.012
				v_c pies/min				49		
	P5.0.Z.HT		1114	f_n pulg./rev	.006	.007	.008	.008	.012	.012
				Creces	.004	.004	.008	.008	.008	.012
				v_c pies/min				98		
	P5.0.Z.PH		503	f_n pulg./rev	.006	.007	.008	.008	.012	.012
				Creces	.004	.004	.008	.008	.008	.012

Datos de corte para CoroReamer™ 435

Valores métricos

CoroReamer™ 435 -XF					Ø mm					
ISO	Núm. MC	Material	N/mm²	Datos de aplicación	< 5.00	5.00 - 6.20	6.20 - 8.00	8.00 - 12.00	12.00 - 16.00	16.00 - 20.00
K		**Fundición maleable**								
				v_c m/min				30		
	K1.1.C.NS	Ferrítico Perlítico	428	f_n mm/rev.	0.15	0.18	0.20	0.20	0.25	0.30
				Creces	0.10	0.10	0.20	0.20	0.20	0.30
		Fundición gris								
				v_c m/min				30		
	K2.1.C.UT	Baja resistencia a la tracción	639	f_n mm/rev.	0.15	0.18	0.20	0.20	0.25	0.30
				Creces	0.10	0.10	0.20	0.20	0.20	0.30
				v_c m/min				30		
	K2.2.C.UT	Alta resistencia a la tracción	639	f_n mm/rev.	0.15	0.18	0.20	0.20	0.25	0.30
				Creces	0.10	0.10	0.20	0.20	0.20	0.30
				v_c m/min				30		
	K2.3.C.UT		708	f_n mm/rev.	0.15	0.18	0.20	0.20	0.25	0.30
				Creces	0.10	0.10	0.20	0.20	0.20	0.30
		Fundición nodular								
				v_c m/min				20		
	K3.1.C.UT	Ferrítica	639	f_n mm/rev.	0.15	0.18	0.20	0.20	0.25	0.30
				Creces	0.10	0.10	0.20	0.20	0.20	0.30
				v_c m/min				20		
	K3.2.C.UT	Perlítica	991	f_n mm/rev.	0.15	0.18	0.20	0.20	0.25	0.30
				Creces	0.10	0.10	0.20	0.20	0.20	0.30
				v_c m/min				20		
	K3.3.C.UT	Perlítica	503	f_n mm/rev.	0.15	0.18	0.20	0.20	0.25	0.30
				Creces	0.10	0.10	0.20	0.20	0.20	0.30
				v_c m/min				20		
	K3.5.C.UT		591	f_n mm/rev.	0.15	0.18	0.20	0.20	0.25	0.30
				Creces	0.10	0.10	0.20	0.20	0.20	0.30
N		**Aleaciones de aluminio**								
				v_c m/min				50		
	N1.2.Z.UT	Forjadas o forjadas y trabajadas en frío, no envejecidas	400	f_n mm/rev.	0.15	0.18	0.20	0.20	0.25	0.30
				Creces	0.10	0.10	0.15	0.20	0.20	0.30
				v_c m/min				50		
	N1.2.Z.AG	Forjadas o forjadas y envejecidas	650	f_n mm/rev.	0.15	0.18	0.20	0.20	0.25	0.30
				Creces	0.10	0.10	0.15	0.20	0.20	0.30
				v_c m/min				50		
	N1.3.C.UT	Fundidas, no envejecidas	600	f_n mm/rev.	0.15	0.18	0.20	0.20	0.25	0.30
				Creces	0.10	0.10	0.15	0.20	0.20	0.30
				v_c m/min				50		
	N1.3.C.AG	Fundición, o fundición y envejecido	700	f_n mm/rev.	0.15	0.18	0.20	0.20	0.25	0.30
				Creces	0.10	0.10	0.15	0.20	0.20	0.30
				v_c m/min				30		
	N1.4.C.NS	Aleaciones de fundición AlSi, Si ≥ 13%	700	f_n mm/rev.	0.15	0.15	0.15	0.20	0.20	0.30
				Creces	0.10	0.10	0.20	0.20	0.20	0.30
		Aleaciones con base de cobre								
				v_c m/min				50		
	N3.3.U.UT	Aleaciones para corte sin problemas basadas en cobre (Pb>1%)	550	f_n mm/rev.	0.15	0.18	0.20	0.20	0.25	0.30
				Creces	0.10	0.10	0.15	0.20	0.20	0.30
				v_c m/min				50		
	N3.1.U.UT	Aleaciones de cobre sin plomo (incl. cobre electrolítico)	1350	f_n mm/rev.	0.15	0.18	0.20	0.20	0.25	0.30
				Creces	0.10	0.10	0.15	0.20	0.20	0.30
O		**Plásticos**								
				v_c m/min				40		
				f_n mm/rev.	0.15	0.15	0.15	0.35	0.35	0.40
				Creces	0.15	0.15	0.20	0.20	0.20	0.30

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Datos de corte para CoroReamer™ 435

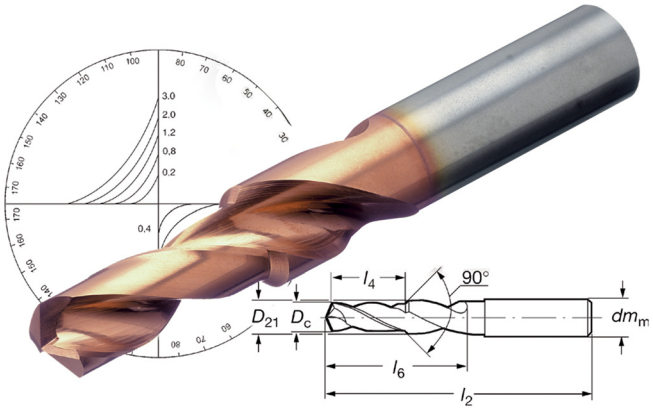
Valores en pulgadas

CoroReamer™ 435 -XF					Ø pulg.					
ISO	Núm. MC	Material	N/mm²	Datos de aplicación	< .197	.197 - .244	.244 - .315	.315 - .472	.472 - .630	.630 - .787
K		**Fundición maleable**								
				v_c pies/min				98		
	K1.1.C.NS	Ferrítico Perlítico	428	f_n pulg./rev	.006	.007	.008	.008	.010	.012
				Creces	.004	.004	.008	.008	.008	.012
		Fundición gris								
				v_c pies/min				98		
	K2.1.C.UT	Baja resistencia a la tracción	639	f_n pulg./rev	.006	.007	.008	.008	.010	.012
				Creces	.004		.008	.008	.008	.012
				v_c pies/min				98		
	K2.2.C.UT	Alta resistencia a la tracción	639	f_n pulg./rev	.006	.007	.008	.008	.010	.012
				Creces	.004	.004	.008	.008	.008	.012
				v_c pies/min				98		
	K2.3.C.UT		708	f_n pulg./rev	.006	.007	.008	.008	.010	.012
				Creces	.004	.004	.008	.008	.008	.012
		Fundición nodular								
				v_c pies/min				66		
	K3.1.C.UT	Ferrítica	639	f_n pulg./rev	.006	.007	.008	.008	.010	.012
				Creces	.004	.004	.008	.008	.008	.012
				v_c pies/min				66		
	K3.2.C.UT	Perlítica	991	f_n pulg./rev	.006	.007	.008	.008	.010	.012
				Creces	.004	.004	.008	.008	.008	.012
				v_c pies/min				66		
	K3.3.C.UT	Perlítica	503	f_n pulg./rev	.006	.007	.008	.008	.010	.012
				Creces	.004	.004	.008	.008	.008	.012
				v_c pies/min				66		
	K3.5.C.UT		591	f_n pulg./rev	.006	.007	.008	.008	.010	.012
				Creces	.004	.004	.008	.008	.008	.012
N		**Aleaciones de aluminio**								
				v_c pies/min				164		
	N1.2.Z.UT	Forjadas o forjadas y trabajadas en frío, no envejecidas	400	f_n pulg./rev	.006	.007	.008	.008	.010	.012
				Creces	.004	.004	.006	.008	.008	.012
				v_c pies/min				164		
	N1.2.Z.AG	Forjadas o forjadas y envejecidas	650	f_n pulg./rev	.006	.007	.008	.008	.010	.012
				Creces	.004	.004	.006	.008	.008	.012
				v_c pies/min				164		
	N1.3.C.UT	Fundidas, no envejecidas	600	f_n pulg./rev	.006	.007	.008	.008	.010	.012
				Creces	.004	.004	.006	.008	.008	.012
				v_c pies/min				164		
	N1.3.C.AG	Fundición, o fundición y envejecido	700	f_n pulg./rev	.006	.007	.008	.008	.010	.012
				Creces	.004	.004	.006	.008	.008	.012
				v_c pies/min				98		
	N1.4.C.NS	Aleaciones de fundición AlSi, Si ≥ 13%	700	f_n pulg./rev	.006	.006	.006	.008	.008	.012
				Creces	.004	.004	.008	.008	.008	.012
		Aleaciones con base de cobre								
				v_c pies/min				164		
	N3.3.U.UT	Aleaciones para corte sin problemas basadas en cobre (Pb>1%)	550	f_n pulg./rev	.006	.007	.008	.008	.010	.012
				Creces	.004	.004	.006	.008	.008	.012
				v_c pies/min				164		
	N3.1.U.UT	Aleaciones de cobre sin plomo (incl. cobre electrolítico)	1350	f_n pulg./rev	.006	.007	.008	.008	.010	.012
				Creces	.004	.004	.006	.008	.008	.012
O		**Plásticos**								
				v_c pies/min				131		
				f_n pulg./rev	.006	.006	.006	.014	.014	.016
				Creces	.006	.006	.008	.008	.008	.012

C

Herramientas personalizadas especiales

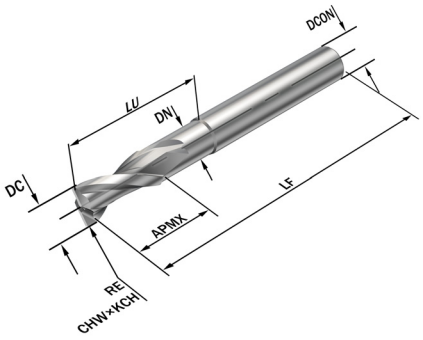
Si la solución para el producto que necesita no está disponible en nuestra gama estándar, contamos con la experiencia necesaria para idear, diseñar y fabricar un producto personalizado que satisfaga los requisitos específicos de su
aplicación. En nuestra oferta de herramientas personalizadas especiales, puede elegir entre productos
Tailor Made o productos de ingeniería avanzada en función de la complejidad de la
aplicación y las características de su componente



SPA

Tailor Made

Con nuestra gama Tailor Made creemos haber creado una oferta que cumple con los requisitos para la mayoría de sus necesidades. Si es un diámetro, longitud, mango u otra característica alternativa requerida, nuestra oferta Tailor Made ofrece la más alta calidad y se combina con una entrega rápida



Para hacer un pedido: póngase en contacto con su representante local de Sandvik Coromant o visite www.sandvik.coromant.com/tailormade

Ingeniería Avanzada

En los casos en que la oferta Tailor Made no cumpla con su demandas debido a la complejidad de la aplicación o característica específica del componente, basándonos en la experiencia de Sandvik Coromant y en la cooperación con nuestros clientes podemos diseñar y fabricar un producto hecho a medida de sus necesidades de aplicación.

Para hacer un pedido: póngase en contacto con su representante local de Sandvik Coromant

Machos

Material

HSS-E	HSS-PM
Acero Rápido al Cobalto	Acero Rápido Sinterizado

B

Calidad/Recubrimiento

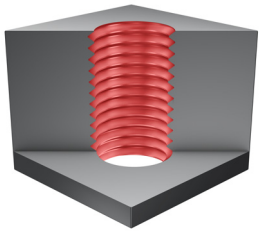
C110/B110	C145/B145
Combinación óptima entre gran dureza y resistencia al desgaste	Templado al vapor, para la protección y la prevención del filo de aportación

C150/B150
Sin recubrimiento, para una menor adherencia en materiales blandos

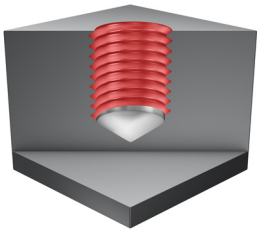
C

Tipo de agujero

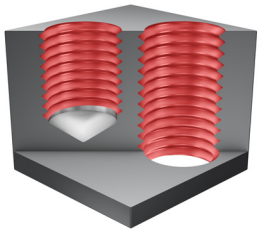
Agujero pasante



Agujero ciego



Agujero pasante o ciego



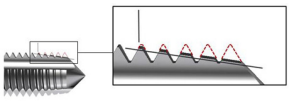
D

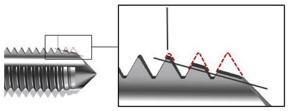
E

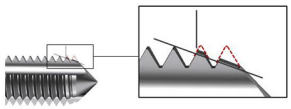
INSTRUCCIONES GENERALES PARA EL ROSCADO

El éxito de cualquier operación de roscado con macho depende de una serie de factores que afectan a la calidad del producto acabado. Para garantizar el éxito de su operación, tenga en consideración los siguientes consejos:
1. Seleccione el diseño de macho correcto para el material del componente y el tipo de agujero, p. ej. pasante o ciego, de la tabla de clasificación de materiales.
2. Asegúrese de que el componente está bien sujeto, dado que el movimiento lateral puede provocar la rotura del macho o resultar en roscas de mala calidad.
3. Seleccione el tamaño de broca correcto de la página correspondiente del catálogo. Recuerde que los tamaños de broca para los machos de laminación son diferentes. Una elección equivocada o unas malas condiciones de taladrado pueden provocar el endurecimiento del material de la pieza, lo cual reducirá el rendimiento del macho.
4. Seleccione la velocidad de corte correcta, tal y como se muestra en la página del catálogo del producto y en la búsqueda guiada de productos.
5. Utilice el líquido de corte indicado para la aplicación correcta.
6. Asegúrese de disponer de una suave entrada del macho en el agujero, dado que un avance irregular puede provocar agujeros de mala calidad.

Tipo de chaflán de rosca







Tipo de chaflán B=3.5 – 5 × roscas

Chaflán largo:

Par elevado
Mejor calidad superficial
Virutas delgadas
Baja presión en el chaflán
Mayor vida útil de herramienta
Más indicado para machos de entrada corregida

Tipo de chaflán C=2 – 3 × roscas

Chaflán medio:

Par reducido
Buena calidad superficial
Virutas gruesas normales
Presión normal en el chaflán
Vida útil de herramienta normal
Diseño más habitual
Chaflán estándar para agujeros ciegos
Más habitual para machos de canal helicoidal

Tipo de chaflán E=1.5 – 2 × roscas

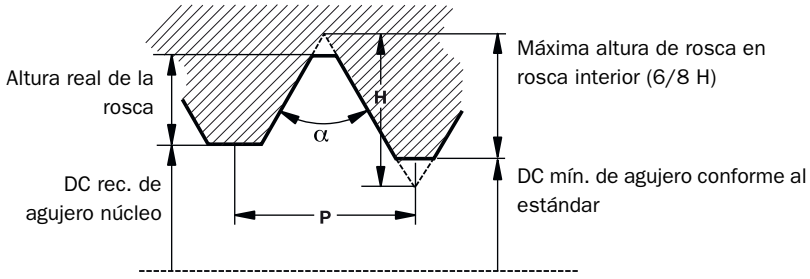
Chaflán reducido:

Par reducido
Buena calidad superficial
Virutas gruesas
Gran presión en el chaflán
Menor vida útil de herramienta
Diseño extremo
Debe utilizarse cuando no se dispone de una incidencia suficiente en el fondo del agujero

¿Qué es la altura de la rosca en %?

Ejemplo aplicable a los estándares ISO y UTS – roscas de 60°

La altura de la rosca en % es la relación entre la altura real y la altura máxima de la rosca interior



Ejemplo, M8×1.25

La altura máxima de la rosca conforme al estándar es 6/8 H.
H = 0.866 × P
(H = Altura del triángulo básico)
(P = Paso de la rosca)

La altura máxima de la rosca es:
6/8 * (0.866 × 1, 25) = 0.811 mm
La altura real de la rosca en un agujero núcleo de DC 6.9 mm:
(8 - 6,9) / 2 = 0.55 mm
La altura de la rosca en % es entonces (0.55 / 0.81) × 100 = 68 %

MACHOS CLASE 2B Y 3B: ROSCAS DE TORNILLO DE PULGADA UNIFICADA

	TPI		Límites del macho	
Tamaño	UNC	UNF	Clase 2B	Clase 3B
0		80	H2	H1
1	64		H2	H1
1		72	H2	H1
2	56		H2	H1
2		64	H2	H1
3	48		H2	H1
3		56	H2	H1
4	40		H2	H2
4		48	H2	H1
5	40		H2	H2
5		44	H2	H1
6	32		H3	H2
6		40	H2	H2
8	32		H3	H2
8		36	H2	H2
10	24		H3	H3
10		32	H3	H2
12	24		H3	H3
12		28	H3	H3
1/4	20		H5	H3
1/4		28	H4	H3
5/16	18		H5	H3
5/16		24	H4	H3
3/8	16		H5	H3

	TPI		Límites del macho	
Tamaño	UNC	UNF	Clase 2B	Clase 3B
3/8		24	H4	H3
7/16	14		H5	H3
7/16		20	H5	H3
1/2	13		H5	H3
1/2		20	H5	H3
9/16	12		H5	H3
9/16		18	H5	H3
5/8	11		H5	H3
5/8		18	H5	H3
3/4	10		H5	H5
3/4		16	H5	H3
7/8	9		H6	H4
7/8		14	H6	H4
1"	8		H6	H4
1"		12	H6	H4
1.1/8	7		H8	H4
1.1/8		12	H6	H4
1.1/4	7		H8	H4
1.1/4		12	H6	H4
1.3/8	6		H8	H4
1.3/8		12	H6	H4
1.1/2	6		H8	H4
1.1/2		12	H6	H4

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Recomendaciones de tamaño de agujero

Guía de diámetros de agujero

Esta guía le proporciona recomendaciones para la selección del diámetro correcto para agujeros de rosca.

El tipo de broca y material de trabajo determinan el diámetro de agujero a elegir.

Tome en consideración que, dependiendo de la tolerancia de la broca, el diámetro del agujero puede no ser igual al tamaño de la broca. Para alcanzar un mayor nivel de precisión del agujero, utilice una broca enteriza de metal duro de alta tecnología con un estrecho nivel de tolerancia. Esto le permite elegir una broca más cercana al valor de diámetro máximo de broca mostrado en esta guía.

En casos excepcionales, tales como en las operaciones de taladrado en materiales más tenaces, se puede seleccionar un mayor diámetro de agujero para garantizar una mayor vida útil de la herramienta. La tenacidad de la rosca seguirá siendo adecuada, pero la rosca estará fuera de la tolerancia estándar.

Para obtener más información técnica, visite la página web www.sandvik.coromant.com

M

DIN 13			Métrico		Pulgadas	
TDZ		TP	PHD	PHDX	PHD	PHDX *5H/6H
M 1*	x	0.25	0.75	0.785	.0295	.0309
M 1.1*	x	0.25	0.85	0.885	.0335	.0348
M 1.2*	x	0.25	0.95	0.985	.0374	.0388
M 1.4*	x	0.30	1.10	1.142	.0433	.0450
M 1.6	x	0.35	1.25	1.321	.0492	.0520
M 1.8	x	0.35	1.45	1.521	.0571	.0599
M 2	x	0.40	1.60	1.679	.0630	.0661
M 2.2	x	0.45	1.75	1.838	.0689	.0724
M 2.3	x	0.40	1.85	1.938	.0728	.0763
M 2.5	x	0.45	2.05	2.138	.0807	.0842
M 2.6	x	0.45	2.15	2.238	.0846	.0881
M 3	x	0.50	2.50	2.599	.0984	.1023
M 3.5	x	0.60	2.90	3.010	.1142	.1185
M 4	x	0.70	3.30	3.422	.1299	.1347
M 4.5	x	0.75	3.70	3.878	.1457	.1527
M 5	x	0.80	4.20	4.334	.1654	.1706
M 6	x	1.00	5.00	5.153	.1969	.2029
M 7	x	1.00	6.00	6.153	.2362	.2422
M 8	x	1.25	6.80	6.912	.2677	.2721
M 9	x	1.25	7.80	7.912	.3071	.3115
M 10	x	1.50	8.50	8.676	.3346	.3416
M 11	x	1.50	9.50	9.676	.3740	.3809
M 12	x	1.75	10.20	10.441	.4016	.4111
M 14	x	2.00	12.00	12.210	.4724	.4807
M 16	x	2.00	14.00	14.210	.5512	.5594
M 18	x	2.50	15.50	15.744	.6102	.6198
M 20	x	2.50	17.50	17.744	.6890	.6986
M 22	x	2.50	19.50	19.744	.7677	.7773
M 24	x	3.00	21.00	21.252	.8268	.8367
M 27	x	3.00	24.00	24.252	.9449	.9548
M 30	x	3.50	26.50	26.771	1.0433	1.0540
M 33	x	3.50	29.50	29.771	1.1614	1.1721
M 36	x	4.00	32.00	32.270	1.2598	1.2705
M 39	x	4.00	35.00	35.270	1.3780	1.3886
M 42	x	4.50	37.50	37.799	1.4764	1.4881
M 45	x	4.50	40.50	40.799	1.5945	1.6063
M 48	x	5.00	43.00	43.297	1.6929	1.7046
M 52	x	5.00	47.00	47.297	1.8504	1.8621
M 56	x	5.50	50.50	50.796	1.9882	1.9998
M 64	x	6.00	58.00	58.305	2.2835	2.2955

Recomendaciones de tamaño de agujero

Machos de roscar

MF

DIN 13			Métrico		Pulgadas	
TDZ		TP	PHD	PHDX 6H	PHD	PHDX 6H
MF 2.5	x	0.35	2.15	2.221	.0846	.0874
MF 3.0	x	0.35	2.65	2.721	.1043	.1071
MF 3.5	x	0.35	3.15	3.221	.1240	.1268
MF 4.0	x	0.50	3.50	3.599	.1378	.1417
MF 4.5	x	0.50	4.00	4.099	.1575	.1614
MF 5.0	x	0.50	4.50	4.599	.1772	.1811
MF 5.5	x	0.50	5.00	5.099	.1969	.2007
MF 6.0	x	0.75	5.25	5.378	.2047	.2117
MF 7.0	x	0.75	6.25	6.378	.2441	.2511
MF 8.0	x	0.50	7.50	7.599	.2953	.2992
MF 8.0	x	0.75	7.25	7.378	.2835	.2905
MF 8.0	x	1.00	7.00	7.153	.2756	.2816
MF 9.0	x	0.75	8.25	8.378	.3228	.3298
MF 9.0	x	1.00	8.00	8.153	.3150	.3210
MF 10	x	0.75	9.25	9.378	.3622	.3692
MF 10	x	1.00	9.00	9.153	.3543	.3604
MF 10	x	1.25	8.80	8.912	.3465	.3509
MF 11	x	0.75	10.25	10.378	.4016	.4086
MF 11	x	1.00	10.00	10.153	.3937	.3997
MF 12	x	1.00	11.00	11.153	.4331	.4391
MF 12	x	1.25	10.75	10.912	.4252	.4296
MF 12	x	1.50	10.50	10.676	.4134	.4203
MF 14	x	1.00	13.00	13.153	.5118	.5178
MF 14	x	1.25	12.75	12.912	.5039	.5083
MF 14	x	1.50	12.50	12.676	.4921	.4991
MF 15	x	1.00	14.00	14.153	.5512	.5572
MF 15	x	1.50	13.50	13.676	.5315	.5384
MF 16	x	1.00	15.00	15.153	.5906	.5966
MF 16	x	1.25	14.80	14.912	.5827	.5871
MF 16	x	1.50	14.50	14.676	.5709	.5778
MF 17	x	1.00	16.00	16.153	.6299	.6359
MF 17	x	1.50	15.50	15.676	.6102	.6172
MF 18	x	1.00	17.00	17.153	.6693	.6753
MF 18	x	1.50	16.50	16.676	.6496	.6565
MF 20	x	1.00	19.00	19.153	.7480	.7541
MF 20	x	1.50	18.50	18.676	.7283	.7353
MF 20	x	2.00	18.00	18.210	.7087	.7169
MF 22	x	1.00	21.00	21.153	.8268	.8328
MF 22	x	1.50	20.50	20.676	.8071	.8140
MF 22	x	2.00	20.00	20.210	.7874	.7957
MF 24	x	1.00	23.00	23.153	.9055	.9115
MF 24	x	1.50	22.50	22.676	.8858	.8928
MF 24	x	2.00	22.00	22.210	.8661	.8744
MF 25	x	1.00	24.00	24.153	.9449	.9509
MF 25	x	1.50	23.50	23.676	.9252	.9321
MF 25	x	2.00	23.00	23.210	.9055	.9138
MF 27	x	1.00	26.00	26.153	1.0236	1.0296
MF 27	x	1.50	25.50	25.676	1.0039	1.0109
MF 27	x	2.00	25.00	25.210	.9843	.9925
MF 28	x	1.00	27.00	27.153	1.0630	1.0690
MF 28	x	1.50	26.50	26.676	1.0433	1.0502
MF 28	x	2.00	26.00	26.210	1.0236	1.0319
MF 30	x	1.00	29.00	29.153	1.1417	1.1478
MF 30	x	1.50	28.50	28.676	1.1220	1.1290
MF 30	x	2.00	28.00	28.210	1.1024	1.1106
MF 30	x	3.00	27.00	27.252	1.0630	1.0729
MF 32	x	1.50	30.50	30.676	1.2008	1.2077
MF 32	x	2.00	30.00	30.210	1.1811	1.1894
MF 33	x	1.50	31.50	31.676	1.2402	1.2471
MF 33	x	2.00	31.00	31.210	1.2205	1.2287
MF 33	x	3.00	30.00	30.252	1.1811	1.1910
MF 35	x	1.50	33.50	33.676	1.3189	1.3258
MF 36	x	1.50	34.50	34.676	1.3583	1.3652

SPA

Recomendaciones de tamaño de agujero

Machos de roscar

UNC

ASME B1.1			Métrico			Pulgadas		
TDZ		TPI	PHD	PHDX 2B	PHDX 3B	PHD	PHDX 2B	PHDX 3B
Nr. 1	-	64	1.55	1.582	1.582	.0610	.0623	.0623
Nr. 2	-	56	1.85	1.872	1.872	.0728	.0737	.0737
Nr. 3	-	48	2.10	2.146	2.146	.0827	.0845	.0845
Nr. 4	-	40	2.35	2.385	2.385	.0925	.0939	.0939
Nr. 5	-	40	2.65	2.697	2.697	.1043	.1062	.1062
Nr. 6	-	32	2.85	2.896	2.896	.1122	.1140	.1140
Nr. 8	-	32	3.50	3.531	3.528	.1378	.1390	.1389
Nr. 10	-	24	3.90	3.962	3.950	.1535	.1560	.1555
Nr. 12	-	24	4.50	4.597	4.590	.1772	.1810	.1807
1/4	-	20	5.10	5.268	5.250	.2008	.2074	.2067
5/16	-	18	6.60	6.734	6.680	.2598	.2651	.2630
3/8	-	16	8.00	8.164	8.082	.3150	.3214	.3182
7/16	-	14	9.40	9.550	9.441	.3701	.3760	.3717
1/2	-	13	10.80	11.013	10.881	.4252	.4336	.4284
9/16	-	12	12.20	12.456	12.301	.4803	.4904	.4843
5/8	-	11	13.50	13.868	13.693	.5315	.5460	.5391
3/4	-	10	16.50	16.833	16.324	.6496	.6627	.6427
7/8	-	9	19.50	19.748	19.520	.7677	.7775	.7685
1	-	8	22.25	22.598	22.344	.8760	.8897	.8797
1 1/8	-	7	25.00	25.349	25.082	.9843	.9980	.9875
1 1/4	-	7	28.00	28.524	28.258	1.1024	1.1230	1.1125
1 3/8	-	6	30.75	31.120	30.851	1.2106	1.2252	1.2146
1 1/2	-	6	34.00	34.295	34.026	1.3386	1.3502	1.3396
1 3/4	-	5	39.50	39.814	39.560	1.5551	1.5675	1.5575
2	-	4.5	45.00	45.598	45.367	1.7717	1.7952	1.7861

UNF

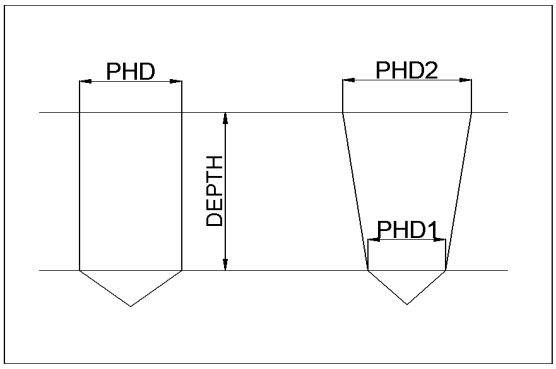
ASME B1.1			Métrico			Pulgadas		
TDZ		TPI	PHD	PHDX 2B	PHDX 3B	PHD	PHDX 2B	PHDX 3B
Nr.1	-	72	1.55	1.613	1.613	.0610	.0635	.0635
Nr.2	-	64	1.85	1.913	1.913	.0728	.0753	.0753
Nr.3	-	56	2.15	2.197	2.197	.0846	.0865	.0865
Nr.4	-	48	2.40	2.459	2.459	.0945	.0968	.0968
Nr.5	-	44	2.70	2.741	2.741	.1063	.1079	.1079
Nr.6	-	40	2.95	3.023	3.012	.1161	.1190	.1186
Nr.8	-	36	3.50	3.607	3.597	.1378	.1420	.1416
Nr. 10	-	32	4.10	4.166	4.168	.1614	.1640	.1641
Nr. 12	-	28	4.60	4.724	4.717	.1811	.1860	.1857
1/4	-	28	5.50	5.580	5.563	.2165	.2197	.2190
5/16	-	24	6.90	7.038	6.995	.2717	.2771	.2754
3/8	-	24	8.50	8.626	8.565	.3346	.3396	.3372
7/16	-	20	9.90	10.030	9.947	.3898	.3949	.3916
1/2	-	20	11.50	11.618	11.524	.4528	.4574	.4537
9/16	-	18	12.90	13.084	12.969	.5079	.5151	.5106
5/8	-	18	14.50	14.671	14.554	.5709	.5776	.5730
3/4	-	16	17.50	17.689	17.546	.6890	.6964	.6908
7/8	-	14	20.40	20.663	20.493	.8031	.8135	.8068
1	-	12	23.25	23.569	23.363	.9154	.9279	.9198
1 1/8	-	12	26.50	26.744	26.538	1.0433	1.0529	1.0448
1 1/4	-	12	29.50	29.919	29.713	1.1614	1.1779	1.1698
1 3/8	-	12	32.75	33.094	32.888	1.2894	1.3029	1.2948
1 1/2	-	12	36.00	36.269	36.063	1.4173	1.4279	1.4198

Recomendaciones de tamaño de agujero

Machos de roscar

G

DIN-ISO 228			Métrico		Pulgadas	
TDZ		TPI	PHD	PHDX	PHD	PHDX
G 1/16	-	28	6.80	6.843	.2677	.2694
G 1/8	-	28	8.80	8.848	.3465	.3483
G 1/4	-	19	11.80	11.890	.4646	.4681
G 3/8	-	19	15.25	15.395	.6004	.6061
G 1/2	-	14	19.00	19.173	.7480	.7548
G 5/8	-	14	21.00	21.129	.8268	.8319
G 3/4	-	14	24.50	24.659	.9646	.9708
G 7/8	-	14	28.25	28.419	1.1122	1.1189
G 1	-	11	30.75	30.932	1.2106	1.2178
G 11/8	-	11	35.50	35.580	1.3976	1.4008
G 11/4	-	11	39.50	39.593	1.5551	1.5588
G 11/2	-	11	45.25	45.486	1.7815	1.7908



SPA

Para hacerle la vida más fácil, hemos desarrollado un nuevo estándar

ISO 13399 es un estándar internacional cuyo objetivo es simplificar el intercambio de datos para herramientas de corte. Por ello, notará una ligera diferencia en los nuevos parámetros y descripciones de cada herramienta.

Por primera vez en la historia disponemos de una forma normalizada para describir los datos de producto relativos a herramientas de corte disponibles. Cuando todas las herramientas de la industria comparten los mismos parámetros y definiciones, la comunicación de la información de las herramientas entre distintos sistemas de software pasa a ser un proceso muy sencillo.

¿Qué significa esto para usted?

Básicamente, quiere decir que sus sistemas y los nuestros podrán comunicarse sin ningún tipo de barrera gracias a que compartirán un mismo idioma. Descárguese la información de producto de nuestra página web y utilícela directamente en su software CAD/ CAM para montar las herramientas que utiliza en su producción. No necesitará buscar información en catálogos ni interpretar datos para pasar de un sistema a otro. ¡Imagine cuánto tiempo ahorrará!

Abreviatura	Nombre
ADJLN	Límite de ajuste mínimo
ADJLX	Límite de ajuste máximo
ADJRG	Intervalo de ajuste
ALP	Ángulo de incidencia axial
AN	Ángulo de incidencia mayor
ANN	Ángulo de incidencia menor
APMX	Profundidad de corte máxima
APMX_EFW	Profundidad de corte máxima - avance final
APMX_FFW	Profundidad de corte máxima - avance lateral
AZ	Profundidad de avance axial máxima
B	Anchura de mango
BAWS	Ángulo de cuerpo del lado de la pieza
BAMS	Ángulo del cuerpo del lado de la máquina
BBD	Equilibrado por diseño
BBR	Equilibrado por prueba de rotación
BCH	Longitud del chaflán del vértice
BD	Diámetro del cuerpo
BHTA	Ángulo de conicidad del cuerpo
BN	Anchura de la faceta frontal
BS	Longitud del filo Wiper
BSG	Grupo estándar básico
BSR	Radio del filo wiper
CDX	Profundidad de corte máxima
CEMR	Radio mayor del filo de corte
CF	Chaflán de punto
CHBA	Ángulo del chaflán del cuerpo
CHBL	Longitud del chaflán del cuerpo
CHW	Anchura del chaflán del vértice
CICT	Número de elementos de corte
$CICT_E$	Número de elementos de corte - posición final
$CICT_P$	Número de elementos de corte - posición periférica
$CICT_S$	Número de elementos de corte - posición lateral
$CICT_T$	Número de elementos de corte - total
CND	Diámetro de la entrada de refrigerante
CNSC	Código del tipo de entrada de refrigerante
CNT	Tamaño de la rosca de entrada de refrigerante
COATING	Recubrimiento
CP	Presión de refrigerante máx.
CRKS	Tamaño de la rosca del tirador de retención de la conexión
CRNT	Tamaño de la rosca de la entrada de refrigerante radial
CTPT	Tipo de operación
CUTDIA	Diámetro de tronzado de pieza máximo
CW	Anchura de corte
CWN	Anchura de corte mínima
CWTOLL	Tolerancia inferior de la anchura de corte
CWTOLU	Tolerancia superior de la anchura de corte
CWX	Anchura de corte máxima
CXSC	Código del tipo de salida de refrigerante
CZC	Código de tamaño de conexión
CZC_{MS}	Código del tamaño de la conexión del lado de la máquina
CZC_{WS}	Código del tamaño de la conexión del lado de la pieza
D1	Diámetro del agujero de fijación
DAH	Diámetro del agujero de acceso
DAXIN	Diámetro interior mínimo de la ranura axial

DAXN	Diámetro exterior mínimo de ranura axial
DAXX	Diámetro exterior mínimo de la ranura axial
DBC	Diámetro del agujero de fijación
DC	Diámetro de corte
DCB	Diámetro del agujero de conexión
DCBN	Diámetro del agujero de conexión mínimo
DCBX	Diámetro del agujero de conexión máximo
DCF	Contacto frontal del diámetro de corte
DCIN	Diámetro de corte interior
DCN	Diámetro de corte mínimo
DCON	Diámetro de conexión
$DCON_{MS}$	Diametro de conexión del lado de la maquina
$DCON_{WS}$	Diámetro de conexión del lado de la pieza
DCPS	Capacidad del chip de datos
$DCSF_{MS}$	Diámetro de superficie de contacto del lado de la máquina
$DCSF_{WS}$	Diámetro de superficie de contacto, lado de la pieza
DCX	Diámetro de corte máximo
DHUB	Diámetro de cubo
DIX	Diámetro de interferencia máximo del cambiador de herramientas
DMIN	Diámetro de agujero mínimo
DMM	Diámetro del mango
DN	Diámetro del cuello
DRVCT	Número de arrastres
DSGN	Diseño
EPSR	Ángulo con plaquita incluida
FHA	Ángulo helicoidal de la ranura
FLGT	Grosor de la brida
FTDZ	Para tamaño del diámetro de la rosca
H	Altura del mango
HA	Altura teórica de la rosca
HB	Diferencia de la altura de la rosca
HBH	Altura de desajuste de base a cabeza
HC	Altura real de la rosca
HF	Altura funcional
HRY	Punto más bajo desde el plano de referencia
HTB	Altura del cuerpo
HTH	Altura
IC	Diámetro de la circunferencia inscrita
INSL	Longitud de la plaquita
INSUC	Código de utilización de la plaquita
IZC	Código de tamaño de plaquita
KAPR	Ángulo del filo de corte de la herramienta
KAPR_EFW	Ángulo del filo de la herramienta - avance final
KCH	Chaflán del vértice
KRINS	Ángulo del filo mayor
KWW	Anchura del chavetero
L	Longitud del filo de corte
LAMS	Ángulo de inclinación
LB	Longitud del cuerpo
LCF	Longitud de la ranura para viruta
LCOX	Longitud máxima de tronzado
LE	Longitud efectiva del filo
LF	Longitud funcional
LFN	Longitud funcional mínima
LH	Longitud de la cabeza
LPR	Longitud saliente
LS	Longitud del mango
LSC	Longitud de sujeción
LSCN	Longitud de sujeción mínima
LSCS	Distancia hasta el inicio de la sujeción
LSCX	Longitud de sujeción máxima
LSD	Longitud exacta del mango
LU	Longitud útil (máx. recomendada)
LU_BFW	Longitud útil - refrentado inverso
LUX	Longitud utilizable máxima
MHD	Distancia del agujero de montaje
MIID	Identificación de la plaquita maestra
$MIID_E$	Identificación de plaquita principal - posición final
$MIID_S$	Identificación de plaquita principal - posición lateral
$MIID_C$	Identificación de plaquita principal - posición central
$MIID_P$	Identificación de plaquita principal - posición periférica
$MIID_I$	Identificación de plaquita principal - posición intermedia
MMCC	Código del par pre-reglado
MMCX	Par de corte máx.
NOF	Número de ranuras
NT	Número de dientes
OAH	Altura global
OAL	Longitud global
OAW	Anchura global

SPA

OH	Voladizo recomendado
OHN	Voladizo mínimo
OHX	Voladizo máximo
ORDCODE	Código de pedido
PCL	Longitud cilíndrica periférica
PDX	Distancia ex del perfil
PDY	Distancia ey del perfil
PHD	Diámetro del agujero premecanizado
PHDX	Diámetro de agujero premecanizado máximo
PL	Longitud de punta
PNA	Ángulo con perfil incluido
PRFRAD	Radio del perfil
PRSPC	Especificación del perfil
PSIR	Ángulo de posición de la herramienta
PSIRL	Ángulo del filo mayor a izquierda
PSIRR	Ángulo del filo mayor a derecha
PSW	Anchura de ranura premecanizada
RADH	Altura radial del cuerpo
RADW	Anchura radial del cuerpo
RAR	Ángulo de relieve a derecha
RE	Radio de punta
REL	Radio de punta izquierdo
RER	Radio de punta derecho
RETOLL	Tolerancia inferior del radio de punta
RETOLU	Tolerancia superior del radio de punta
RGL	Longitud de rectificado
RMPX	Ángulo de mecanizado en rampa máximo
RPMX	Velocidad de rotación máxima
S	Grosor de la plaquita
SDL	Longitud del diámetro del paso
SIG	Ángulo de punta
SPTL	Línea divisoria
SSC	Código del tamaño del alojamiento de la plaquita
SSC_E	Código del tamaño del alojamiento - posición final
SSC_P	Código del tamaño del alojamiento - posición periférica
SSC_S	Código del tamaño del alojamiento - posición lateral
STA	Ángulo con paso incluido
SUBSTRATE	Sustrato
TCDC	Clase de tolerancia del diámetro de corte
TCDCON	Tolerancia de diámetro de conexión
TCDMM	Tolerancia del diámetro del mango
TCHA	Tolerancia de agujero posible
TCHAL	Tolerancia de agujero posible inferior
TCHAU	Tolerancia de agujero posible superior
TCT	Clase de tolerancia de la herramienta
TCTR	Clase de tolerancia de la rosca
TD	Diámetro de la rosca
TDZ	Tamaño del diámetro de la rosca
TFLA	Longitud frontal flotante del macho
TFLB	Longitud trasera flotante del macho
TG	Gradiente de conicidad
THBTP	Propiedad de rosca de cono posterior
THCA	Ángulo de corrección de la hélice de la rosca
THCHT	Tipo de chaflán de rosca
THFT	Tipo de la forma
THFTS	Serie estándar de la forma de la rosca
THL	Longitud de la rosca
THUB	Grosor del cubo
TP	Paso de la rosca
TPI	Roscas por pulgada
TPIN	Roscas por pulgada, mínimo
TPIX	Roscas por pulgada, máximo
TPN	Paso de rosca mínimo
TPT	Tipo de perfil de rosca
TPX	Paso de rosca, máximo
TRMAX	Rango de macho máx.
TQ	Par
TSYC	Código de tipo de herramienta
TTP	Tipo de rosca
ULDR	Proporción del diámetro de longitud útil
VCX	Velocidad de corte máxima
W1	Anchura de la plaquita
WB	Anchura del cuerpo
WF	Anchura funcional
WFCIRP	Anchura hasta el punto de referencia del elemento de corte
WSC	Anchura de sujeción
WT	Peso del artículo
ZEFF	Número de filos efectivos por lado
ZEFP	Recuento de filos de corte periféricos efectivos (ZEFP)
ZWX	Número máximo de plaquitas Wiper

Tabla de conversión

Métrico a imperial

Distancia

1 metro = 39.370 pulgadas
1 metro = 3.281 pies
1 milímetro = 0.039 pulgadas

Peso

1 kilogramo = 2.205 libras
1 kilogramo = 35.274 onzas

Par de apriete

1 newton metro (Nm) = 0.738 libras pie (pies-lbs)

1 newton metro (Nm) = 8.851 libras pulgada (pulg.-lbs)

Imperial a métrico

Distancia

1 pulgada = 25.4 milímetros
1 pie = 0.3 metros
1 pie = 304.8 milímetros

Peso

1 libra= 0.45 kilogramos
1 onza = 28.35 gramos

Par de apriete

1 pie libras-fuerza (p-lbf) = 1,4 Newton metros (Nm)

1 pulgada libras-fuerza (pulg.-lbf) = 0,1 Newton metros (Nm)

Fórmulas y definiciones:

	Métrico	**Imperial**
v_c = Velocidad de corte	m/min (metros/minuto)	p/min (pies/minuto)
n = Velocidad del husillo (rpm)	rpm (revoluciones por minuto)	
v_f = avance de mesa	mm/min	pulgadas/min
z_n = número total de filos		
z_c = número de filos efectivos		
f_z = avance por diente	mm/z	pulgadas/z
f_n = Avance por vuelta	mm/rev	pulgadas/rev
h_{ex} = grosor máximo	mm	pulg.
a_p = Profundidad de corte	mm	pulg.
l_a = anchura de plaquita	mm	pulg.
a_e = anchura de corte	mm	pulg.
a_e/D_c % = inmersión radial	%	%
T = tiempo de mecanizado	mín.	mín.
Q = velocidad de arranque de viruta	cm^3/min	$pulgadas^3$/min
nap = número de pasadas		
HPP = roscas por pulgada		
k_c = fuerza de corte específica	N/mm^2	$lbs/pulg.^2$
R_a = rugosidad superficial	µm	µin

Tamaño de la plaquita

iC = círculo inscrito en pulgadas

 = longitud del filo de corte en mm

SPA

Ifind

Reunimos nuestras mejores herramientas para su comodidad

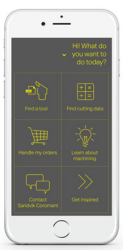
Está online, en movimiento y en el taller. Esté donde esté, acceda a todas las funciones que necesita a través de la aplicación Ifind.

Esta aplicación le ayudará a encontrar las herramientas, las soluciones o la información necesaria para su trabajo. Puede obtener recomendaciones de herramientas, realizar compras, seguir sus pedidos e incluso continuar formándose. ¿Qué quiere hacer hoy?

Todos los contenidos de la aplicación Ifind están disponibles en cualquiera de sus dispositivos.?

Available on the App Store

ANDROID APP ON Google play



Reacondicionamiento

Ofrecemos mucho más que un «rectificado tradicional. Con nuestro servicio de reacondicionado, garantizamos el rendimiento original una y otra vez para reducir sus costes por aplicación.

Nuestra oferta

B

100%

Fiabilidad
Nuestros especialistas están disponibles para proporcionarle soporte y conocimientos.

x3

Rendimiento original
La calidad original de la herramienta está garantizada hasta tres veces.

50%

Reducción
El reacondicionado le permite reducir sus costes de herramienta hasta un 50 %.

Productos incluidos

C

Taladrado

Fresado

Escariado

Como indica el símbolo de reacondicionado en las páginas de la gama y el producto.

Información adicional

D

Caja de reacondicionado
La caja está disponible en dos tamaños
- Pequeña (300 x 200 x 138 mm)
Número de artículo: 6949557
- Mediana (400 x 300 x 138 mm)
Número de artículo: 6949558
Todas las herramientas de Sandvik Coromant pueden enviarse en la misma caja.

Servicio de reacondicionamiento
- Antes del reacondicionado, una inspección determinará si su herramienta puede reacondicionarse. Las herramientas que no puedan reacondicionarse le serán devueltas
- Un marcado láser en el mango de la herramienta indica cada servicio de reacondicionado realizado
- Las herramientas se suministran en su embalaje original

¿Qué sucede con sus herramientas?
- Restauración total de la geometría
- Reducción de la longitud de la broca
- Reducción del diámetro y longitud de la fresa de ranurar
  - Diámetro mínimo de en torno a 0.9xDc
- La tolerancia del diámetro del escariador se mantiene

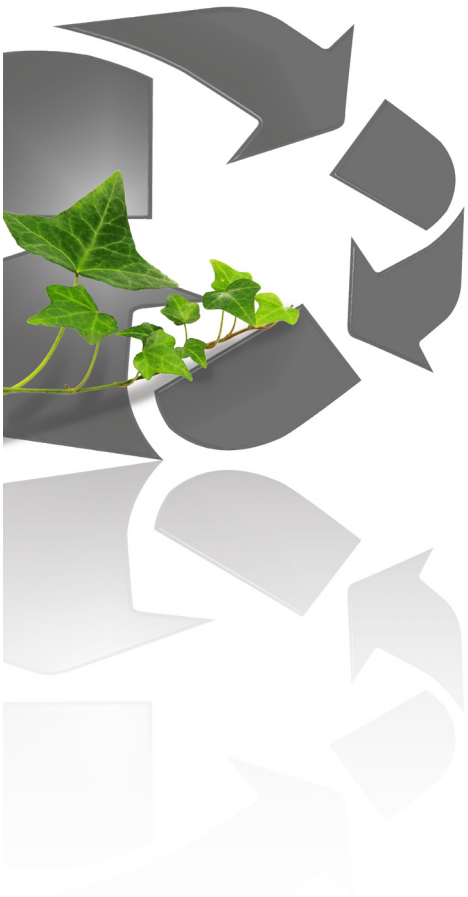
E

Para obtener información sobre los precios, póngase en contacto con su representante de Sandvik Coromant más cercano.

Por el bien del medio ambiente

Haga suyo el concepto de Coromant Para Reciclado (CRC).

El concepto Coromant para Reciclado (CRC) es un servicio completo de recogida de plaquitas de metal duro usadas que Sandvik Coromant ofrece a todos sus clientes. A la vista del creciente uso de materias primas no renovables, el uso responsable de unos recursos cada vez más escasos es una responsabilidad ineludible para todos los fabricantes.
Por ello, Sandvik Coromant pone su grano de arena con su servicio de recogida de plaquitas y herramientas de metal duro usadas, para posteriormente reciclarlas de la manera más respetuosa con el medio ambiente.
Todas las plaquitas de metal duro usadas se recogen en la caja de acopio del taller. Cuando se llena dicha caja, se transfiere su contenido a otra caja de transporte, que se envía a la oficina de Sandvik Coromant más cercana o se entrega a su contacto Coromant habitual, quien también puede facilitarle más información.



Las ventajas del CRC son evidentes

- Un sistema de reciclado internacional unificado.
- Para clientes directos y comerciales.
- Un procedimiento sencillo con cajas de acopio y transporte.
- Menos residuos, más respetuoso con el medio ambiente.
- Un mejor uso de los recursos.
- Se aceptan también plaquitas de metal duro de otros fabricantes.

Solicite cajas de acopio para cada torno, máquina fresadora, taladradora o centro de mecanizado. Le recomendamos que coloque una caja de acopio para las plaquitas y otra para las herramientas de metal duro en cada puesto de trabajo.

	Números de pedido
Caja de acopio:	91617
Caja de transporte para herramientas de metal duro (madera):	92994
Caja de transporte para plaquitas (madera):	92995

Información de seguridad

Información de seguridad respecto al rectificado de metal duro

Composición de los materiales

Portaherramientas
Los portaherramientas contienen principalmente hierro (FE) y elementos poco aleados como cromo, níquel, manganeso, molibdeno y silicio.
Plaquitas intercambiables/herramientas de corte/herramientas rotativas
Las sustancias del metal duro suelen contener principalmente metal duro de tungsteno y cobalto. También pueden contener carburos y carbonitruros de los siguientes elementos: titanio, tántalo, niobio, cromo, molibdeno y vanadio.

Vías de exposición

Al rectificar o calentar una barrita o un producto de metal duro, se producirá polvo o humo con sustancias peligrosas que pueden ser inhaladas o ingeridas, o que pueden entrar en contacto con la piel o los ojos.

Toxicidad aguda

La inhalación o ingesta de dichas sustancias es tóxica. La inhalación puede ocasionar irritación e inflamación de las vías respiratorias. La inhalación simultánea de carburos de cobalto y tungsteno ha dado lugar a una toxicidad por inhalación mucho más elevada que la inhalación sólo de cobalto.
El contacto con la piel puede producir irritación y prurito. Las personas sensibilizadas pueden sufrir una reacción alérgica.

Toxicidad crónica

La inhalación repetida de aerosoles con contenido en cobalto puede ocasionar obstrucción de las vías respiratorias. La inhalación prolongada de concentraciones crecientes puede producir fibrosis o cáncer de pulmón. Los estudios epidemiológicos indican que los trabajadores expuestos anteriormente a concentraciones elevadas de carburo de tungsteno/cobalto tienen mayor riesgo de desarrollar cáncer de pulmón.
El cobalto y el níquel son sensibilizadores potenciales. Un contacto prolongado o repetido puede provocar irritación.

Riesgos

Tóxico: riesgo de daños graves para la salud por exposición prolongada a su inhalación
Tóxico por inhalación
Evidencia limitada de efecto carcinógeno.
Puede producir sensibilización por inhalación y contacto con la piel

Medidas preventivas

Evite la formación e inhalación de polvo. Utilice un sistema local de ventilación adecuado para mantener la exposición del personal por debajo de los límites nacionales autorizados.
Si no se puede proveer de una buena ventilación, o ésta no es adecuada, utilice respiradores aprobados para este fin.
Utilice gafas de seguridad con protectores laterales cuando sea necesario.
Evite un contacto repetido con la piel. Utilice guantes de protección adecuados. Lávese a fondo la parte en contacto con el material después de su manipulación.
Utilice equipo de protección adecuado. Lave la ropa siempre que sea necesario.
No consuma alimentos ni bebidas ni fume en el área de trabajo. Lávese a fondo antes de comer, beber o fumar.

Lista de referencia cruzada de materiales

ISO	MC	CMC	País									
			Europa	Alemania	Gran Bretaña		Suecia	EE. UU.	Francia	Italia	España	Japón
			Estándar									
			DIN EN	W.-nr.	BS	EN	SS	AISI/SAE/ASTM	AFNOR	UNI	UNE	JIS
P	**Acero no aleado**											
	P1.1.Z.AN	01.1	S235JR G2	1.0038	4360 40 C	-	1311	A570.36	E 24-2 Ne	-	-	STKM 12A;C
	P1.1.Z.AN	01.1	S235J2 G3	1.0116	4360 40 B	-	1312	A573-81 65	E 24-U	Fe37-3	-	-
	P1.1.Z.AN	01.1	C15	1.0401	080M15	-	1350	1015	CC12	C15C16	F.111	-
	P1.1.Z.AN	01.1	C22	1.0402	050A20	2C/2D	1450	1020	CC20	C20C21	F.112	-
	P1.1.Z.AN	01.1	C15E	1.1141	080M15	32C	1370	1015	XC12	C16	C15K	S15C
	P1.1.Z.AN	01.1	C25E	1.1158	-	-	-	1025	-	-	-	S25C
	P1.1.Z.AN	01.1	S380N	1.8900	4360 55 E	-	2145	A572-60	-	FeE390KG	-	-
	P1.1.Z.AN	01.1	17MnV7	1.0870	4360 55 E	-	2142	A572-60	NFA 35-501 E 36	-	-	-
	P1.1.Z.AN	02.1	55Si7	1.0904	250A53	45	2085	9255	55S7	55Si8	56Si7	-
	P1.1.Z.AN	02.2	-	-	-	-	2090	9255	55S7	-	-	-
	P1.2.Z.AN	01.2	C35	1.0501	060A35	-	1550	1035	CC35	C35	F.113	-
	P1.2.Z.AN	01.2	C45	1.0503	080M46	-	1650	1045	CC45	C45	F.114	-
	P1.2.Z.AN	01.2	40Mn4	1.1157	150M36	15	-	1039	35M5	-	-	-
	P1.2.Z.AN	01.2	36MN5	1.1167	-	-	2120	1335	40M5	-	36Mn5	SMn438(H)
	P1.2.Z.AN	01.2	28Mn6	1.1170	150M28	14A	-	1330	20M5	C28Mn	-	SCMn1
	P1.2.Z.AN	01.2	C35G	1.1183	060A35	-	1572	1035	XC38TS	C36	-	S35C
	P1.2.Z.AN	01.2	C45E	1.1191	080M46	-	1672	1045	XC42	C45	C45K	S45C
	P1.2.Z.AN	01.2	C53G	1.1213	060A52	-	1674	1050	XC48TS	C53	-	S50C
	P1.2.Z.AN	01.3	C55	1.0535	070M55	-	1655	1055	-	C55	-	-
	P1.2.Z.AN	01.3	C55E	1.1203	070M55	-	-	1055	XC55	C50	C55K	S55C
	P1.2.Z.AN	02.1	S275J2G3	1.0144	4360 43C	-	1412	A573-81	E 28-3	-	-	SM 400A;B;C
	P1.2.Z.AN	02.1	S355J2G3+C2	1.0570	4360 50B	-	2132	-	E36-3	Fe52BFN/Fe52CFN	-	SM490A;B;C;YA;YB
	P1.2.Z.AN	02.1	S355J2G3	1.0841	150 M 19	-	2172	5120	20 MC 5	Fe52	F-431	-
	P1.3.Z.AN	01.3	C60E	1.0601	080A62	43D	-	1060	CC55	C60	-	-
	P1.3.Z.AN	01.3	C60E	1.1221	080A62	43D	1678	1060	XC60	C60	-	S58C
	P1.3.Z.AN	01.4	C101E	1.1274	060 A 96	-	1870	1095	XC 100	-	F-5117	-
	P1.3.Z.AN	01.4	C101u	1.1545	BW 1A	-	1880	W 1	Y105	C36KU	F-5118	SK 3
	P1.3.Z.AN	01.4	C105W1	-	BW2	-	2900	W210	Y120	C120KU	F.515	SUP4
	P1.3.Z.AN	02.1	S340 MGC	1.0961	-	-	-	9262	60SC7	60SiCr8	60SiCr8	-
	P1.4.Z.AN	01.1	11SMn30	1.0715	230M07	-	1912	1213	S250	CF9SMn28	11SMn28	SUM22
	P1.4.Z.AN	01.1	11SMnPb30	1.0718	-	-	1914	12L13	S250Pb	CF9SMnPb28	11SMnPb28	SUM22L
	P1.4.Z.AN	01.1	10SPb20	1.0722	-	-	-	-	10PbF2	CF10SPb20	10SPb20	-
	P1.4.Z.AN	01.1	11SMn37	1.0736	240M07	1B	-	1215	S 300	CF9SMn36	12SMn35	-
	P1.4.Z.AN	01.1	11SMnPb37	1.0737	-	-	1926	12L14	S300Pb	CF9SMnPb36	12SMnP35	-
	P1.4.Z.AN	01.2	35S20	1.0726	212M36	8M	1957	1140	35MF4	-	F210G	-
	P1.5.C.UT	01.1	GC16E	1.1142	030A04	1A	1325	1115	-	-	-	-
Acero	**Acero de baja aleación**											
	P2.1.Z.AN	02.1	16Mo3	1.5415	1501-240	-	2912	A204Gr.A	15D3	16Mo3KW	16Mo3	-
	P2.1.Z.AN	02.1	14Ni6	1.5622	-	-	-	A350LF5	16N6	14Ni6	15Ni6	-
	P2.1.Z.AN	02.1	21NiCrMo2	1.6523	805M20	362	2506	8620	20NCD2	20NiCrMo2	20NiCrMo2	SNCM220(H)
	P2.1.Z.AN	02.1	17CrNiMo6	1.6587	820A16	-	-	-	18NCD6	-	14NiCrMo13	-
	P2.1.Z.AN	02.1	15Cr3	1.7015	523M15	-	-	5015	12C3	-	-	SCr415(H)
	P2.1.Z.AN	02.1	55Cr3	1.7176	527A60	48	-	5155	55C3	-	-	SUP9(A)
	P2.1.Z.AN	02.1	15CrMo5	1.7262	-	-	2216	-	12CD4	-	12CrMo4	SCM415(H)
	P2.1.Z.AN	02.1	13CrMo4-5	1.7335	1501-620Gr27	-	-	A182 F11;F12	15CD3.5 15CD4.5	14CrMo4 5	14CrMo45	-
	P2.1.Z.AN	02.1	10CrMo9 10	1.7380	1501-622 Gr.31;45	-	2218	A182 F.22	12CD9, 10	12CrMo9, 10	TU.H	-
	P2.1.Z.AN	02.1	14MoV6 3	1.7715	1503-660-440	-	-	-	-	-	13MoCrV6	-
	P2.1.Z.AN	02.1	50CoMo4	1.7228	823M30	33	2512	-	-	653M31	-	-
	P2.1.Z.AN	02.2	14NiCr10	1.5732	-	-	-	3415	14NC11	16NiCr11	15NiCr11	SNC415(H)
	P2.1.Z.AN	02.2	14NiCr14	1.5752	655M13; A12	36A	-	3415;3310	12NC15	-	-	SNC815(H)
	P2.1.Z.AN	02.1/02.2	16MnCr5	1.7131	(527M20)	-	2511	5115	16MC5	16MnCr5	16MnCr5	-
	P2.1.Z.AN	02.1/02.2	34CrMo4	1.7220	708A37	19B	2234	4137;4135	35CD4	35CrMo4	34CrMo4	SCM432;SCCRM3
	P2.1.Z.AN	02.1/02.2	41CrMo4	1.7223	708M40	19A	2244	4140;4142	42CD4TS	41CrMo4	42CrMo4	SCM 440
	P2.1.Z.AN	02.1/02.2	42CrMo4	1.7225	708M40	19A	2244	4140	42CD4	42CrMo4	42CrMo4	SCM440(H)
	P2.1.Z.AN	03.11	14NiCrMo134	1.6657	832M13	36C	-	-	-	15NiCrMo13	14NiCrMo131	-
	P2.2.Z.AN	02.1	31CrMo12	1.8515	722 M 24	-	2240	-	30 CD 12	30CrMo12	F-1712	-
	P2.2.Z.AN	02.1	39CrMoV13 9	1.8523	897M39	40C	-	-	-	36CrMoV12	-	-
	P2.2.Z.AN	02.1	41CrS4	1.7039	524A14	-	2092	L1	-	105WCR 5	-	-
	P2.2.Z.AN	02.1	50NiCr13	1.2721	-	-	2550	L6	55NCV6	-	F-528	-
	P2.2.Z.AN	03.11	45WCrV7	1.2542	BS1	-	2710	S1	-	45WCrV8KU	45WCrSi8	-
	P2.2.Z.AN/P2.5.Z.HT	02.1/02.2	36CrNiMo4	1.6511	816M40	110	-	9840	40NCD3	38NiCrMo4(KB)	35NiCrMo4	-
	P2.2.Z.AN/P2.5.Z.HT	02.1/02.2	34CrNiMo6	1.6582	817M40	24	2541	4340	35NCD6	35NiCrMo6(KB)	-	-
	P2.2.Z.AN/P2.5.Z.HT	02.1/02.2	34Cr4	1.7033	530A32	18B	-	5132	32C4	34Cr4(KB)	35Cr4	SCr430(H)
	P2.2.Z.AN/P2.5.Z.HT	02.1/02.2	41Cr4	1.7035	530A40	18	-	5140	42C4	41Cr4	42Cr4	SCr440(H)
	P2.2.Z.AN/P2.5.Z.HT	02.1/02.2	32CrMo12	1.7361	722M24	40B	2240	-	30CD12	32CrMo12	F.124.A	-
	P2.2.Z.AN/P2.5.Z.HT	02.1/02.2	51CrV4	1.8159	735A50	47	2230	6150	50CV4	50CrV4	51CrV4	SUP10
	P2.2.Z.AN/P2.5.Z.HT	02.1/02.2	41CrAlMo7	1.8509	905M39	41B	2940	-	40CAD6, 12	41CrAlMo7	41CrAlMo7	-
	P2.3.Z.AN	02.1	100Cr6	1.3505	534A99	31	2258	52100	100C6	100Cr6	F.131	SUJ2

Lista de referencia cruzada de materiales

ISO	MC	CMC	País								
			Europa	Alemania	Gran Bretaña		Suecia	EE. UU.	Francia	Italia	España	Japón
			Estándar									
			DIN EN	W.-nr.	BS	EN	SS	AISI/SAE/ASTM	AFNOR	UNI	UNE	JIS
P	P2.3.Z.AN/H1.2.Z.HA	02.1/02.2	105WCr6	1.2419	-	-	2140	-	105WC13	10WCr6	105WCr5	SKS31
	P2.3.Z.AN/H1.2.Z.HA	-	-	-	-	-	-	-	-	107WCr5KU	-	SKS2, SKS3
	P2.3.Z.AN/H1.2.Z.HA	02.1/02.2	-	1.2714	-	-	-	L6	55NCDV7	-	F.520.S	SKT4
	P2.3.Z.AN/H1.3.Z.HA	02.1/02.2	100Cr6	1.2067	BL3	-	-	L3	Y100C6	-	100Cr6	-
	P2.4.Z.AN	02.1	16MnCr5	1.7139	-	-	2127	-	-	-	-	-
	P2.5.Z.HT	02.1	16Mo5	1.5423	1503-245-420	-	-	4520	-	16Mo5	16Mo5	-
	P2.5.Z.HT	02.1	40NiCrMo8-4	1.6562	311-Type 7	-	-	8740	-	40NiCrMo2(KB)	40NiCrMo2	SNCM240
	P2.5.Z.HT	02.1	42Cr4	1.7045	-	-	2245	5140	-	-	42Cr4	SCr440
	P2.5.Z.HT	02.1	31NiCrMo14	1.5755	830 M 31	-	2534	-	-	-	F-1270	-
	P2.5.Z.HT	02.2	36NiCr6	1.5710	640A35	111A	-	3135	35NC6	-	-	SNC236
	P2.6.C.UT	02.1	22Mo4	1.5419	605A32	-	2108	8620	-	-	F520.S	-
	P2.6.C.UT	02.1/02.2	25CrMo4	1.7218	1717CDS110	-	2225	4130	25CD4	25CrMo4(KB)	AM26CrMo4	SCM420;SCM430
	P2.6.C.UT	06.2	-	-	-	-	2223	-	-	-	-	-
	Acero de alta aleación											
	P3.0.Z.AN	03.11	X210Cr12	1.2080	BD3	-	-	D3	Z200C12	X210Cr13KU X250Cr12KU	X210Cr12	SKD1
	P3.0.Z.AN	03.11	X43Cr13	1.2083	-	-	2314	-	-	-	-	-
	P3.0.Z.AN	03.11	X40CrMoV5 1	1.2344	BH13	-	2242	H13	Z40CDV5	X35CrMoV05KU X40CrMoV511KU	X40CrMoV5	SKD61
	P3.0.Z.AN	03.11	X100CrMoV5 1	1.2363	BA2	-	2260	A2	Z100CDV5	X100CrMoV51KU	X100CrMoV5	SKD12
	P3.0.Z.AN	03.11	X210CrW12	1.2436	-	-	2312	-	-	X215CrW12 1KU	X210CrW12	SKD2
	P3.0.Z.AN	03.11	X30WCrV9 3	1.2581	BH21	-	-	H21	Z30WCV9	X28W09KU X30WCrV9 3KU	X30WCrV9	SKD5
	P3.0.Z.AN	03.11	X165CrMoV 12	1.2601	-	-	2310	-	-	X165CrMoW12KU	X160CrMoV12	-
	P3.0.Z.AN	03.21	X155CrMoV12-1	1.2379	-	-	2736	HNV3	-	-	-	-
	P3.0.Z.HT	03.11	X8Ni9	1.5662	1501-509;510	-	-	ASTM A353	-	X10Ni9	XBNi09	-
	P3.0.Z.HT	03.11	12Ni19	1.5680	-	-	-	2515	Z18N5	-	-	-
	P3.1.Z.AN	03.11	S6-5-2	1.3343	4959BA2	-	2715	D3	Z40CSD10	15NiCrMo13	-	SUH3
	P3.1.Z.AN	03.13	-	-	BM 2	-	2722	M 2	Z85WDCV	HS 6-5-2-2	F-5603.	SKH 51
	P3.1.Z.AN	03.13	HS 6-5-2-5	1.3243	BM 35	-	2723	M 35	6-5-2-5	HS 6-5-2-5	F-5613	SKH 55
	P3.1.Z.AN	03.13	HS 2-9-2	1.3348	-	-	2782	M 7	-	HS 2-9-2	F-5607	-
	P3.2.C.AQ	06.33	G-X120Mn12	1.3401	Z120M12	-	2183	L3	Z120M12	XG120Mn12	X120Mn12	SCMnH/1
	Acero inoxidable ferrítico/martensítico											
Acero	P5.0.Z.AN	05.11/15.11	X10CrAL13	1.4724	403S17	-	-	405	Z10C13	X10CrAl12	F.311	SUS405
	P5.0.Z.AN	05.11/15.11	X10CrAL18	1.4742	430S15	60	-	430	Z10CAS18	X8Cr17	F.3113	SUS430
	P5.0.Z.AN	05.11/15.11	X10CrAL2-4	1.4762	-	-	2322	446	Z10CAS24	X16Cr26	-	SUH446
	P5.0.Z.AN	05.11/15.11	X1CrMoTi18-2	1.4521	-	-	2326	S44400	-	-	-	-
	P5.0.Z.AN/P5.0.Z.HT	05.11/15.11	X6Cr13	1.4000	403S17	-	2301	403	Z6C13	X6Cr13	F.3110	SUS403
	P5.0.Z.AN/P5.0.Z.HT	-	X7Cr14	1.4001	-	-	-	-	-	-	F.8401	-
	P5.0.Z.AN/P5.0.Z.HT	05.11/15.11	X10Cr13	1.4006	410S21	56A	2302	410	Z10C14	X12Cr13	F.3401	SUS410
	P5.0.Z.AN/P5.0.Z.HT	05.11/15.11	X6Cr17	1.4016	430S15	960	2320	430	Z8C17	X8Cr17	F3113	SUS430
	P5.0.Z.AN/P5.0.Z.HT	05.11/15.11	X6CrAL13	1.4002	405S17	-	-	405	Z8CA12	X6CrAl13	-	-
	P5.0.Z.AN/P5.0.Z.HT	05.11/15.11	X20Cr13	1.4021	420S37	-	2303	420	Z20C13	X20Cr13	-	-
	P5.0.Z.AN/P5.0.Z.HT	05.11/15.11	X6CrMo17-1	1.4113	434S17	-	2325	434	Z8CD17.01	X8CrMo17	-	SUS434
	P5.0.Z.HT	03.11	X45CrS9-3-1	1.4718	401S45	52	-	HW3	Z45CS9	X45GrSi8	F322	SUH1
	P5.0.Z.HT	05.11/15.11	X85CrMoV18-2	1.4748	443S65	59	-	HNV6	Z80CSN20.02	X80CrSiNi20	F.320B	SUH4
	P5.0.Z.HT	05.11/15.11	X20CrMoV12-1	1.4922	-	-	2317	-	-	X20CrMoNi 12 01	-	-
	P5.0.Z.PH	05.11/15.11	X12CrS13	1.4005	416 S 21	-	2380	416	Z11CF13	X12 CrS 13	F-3411	SUS 416
	P5.0.Z.PH	05.11/15.11	X46Cr13	1.4034	420S45	56D	2304	-	Z40CM	X40Cr14	F.3405	SUS420J2
	P5.0.Z.PH	05.11/15.11	X19CrNi17-2	1.4057	431S29	57	2321	431	Z15CNi6.02	X16CrNi16	F.3427	SUS431
	P5.0.Z.PH	05.12/15.12	X5CrNiCuNb16-4	1.4542 1.4548	-	-	-	630	Z7CNU17-04	-	-	-
	P5.0.Z.PH	15.21	X4 CrNiMo16-5	1.4418	-	-	2387	-	Z6CND16-04-01	-	-	-
	P5.1.Z.AN/P5.0.Z.HT	05.11/15.11	X14CrMoS17	1.4104	-	-	2383	430F	Z10CF17	X10CrS17	F.3117	SUS430F
					Nombres comerciales							
	P2.1.Z.AN	02.1			OVAKO 520M (Ovako Steel)							
	P2.2.Z.AN	02.1		1.0045	FORMAX (Uddeholm Tooling)							
	P2.2.Z.AN	02.1			IMACRO NIT (Imatra Steel)							
	P2.5.Z.HT	02.2			INEXA 482 (XM) (Inexa Profil)							
	P1.2.Z.AN				S355J2G3(XM)							
	P1.2.Z.AN				C45(XM)							
	P1.2.Z.AN				16MnCrS5(XM)							
	P2.5.Z.HT				INEXA280(XM)							
	P2.5.Z.HT	02.2			070M20(XM)							
	P2.5.Z.HT	02.2			HARDOX 500 (SSAB – Swedish Steel Corp.)							
	P2.5.Z.HT				WELDOX 700 (SSAB – Swedish Steel Corp.)							

SPA

Lista de referencia cruzada de materiales

ISO	MC	CMC	País Europa	Alemania	Gran Bretaña		Suecia	EE. UU.	Francia	Italia	España	Japón
			Estándar DIN EN	W.-nr.	BS	EN	SS	AISI/SAE/ASTM	AFNOR	UNI	UNE	JIS
M	**Acero inoxidable austenítico**											
Acero inoxidable	M1.0.Z.AQ	05.11/15.11	X3CrNiMo13-4	1.4313	425C11	-	2385	CA6-NM	Z4CND13.4M Z38C13M	(G)X6CrNi304	-	SCS5
	M1.0.Z.AQ/M1.0.C.UT	05.11/15.11	X53CrMnNiN21-9	1.4871	349S54	-	-	EV8	Z52CMN21.09	X53CrMnNiN21 9	-	SUH35, SUH36
	M1.0.Z.AQ/M1.0.C.UT	05.21/15.21	X2CrNiN18-10	1.4311	304S62	-	2371	304LN	Z2CN18.10	-	-	SUS304LN
	M1.0.Z.AQ/M1.0.C.UT	05.21/15.21	X2CrNiMoN17-13-3	1.4429	-	-	2375	316LN	Z2CND17.13	-	-	SUS316LN
	M1.0.Z.AQ/M1.0.C.UT	05.21/15.21	X2CrNiMo17-12-2	1.4404	316S13	-	2348	316L	Z2CND17-12	X2CrNiMo1712	-	-
	M1.0.Z.AQ/M1.0.C.UT	05.21/15.21	X2CrNiMo18-14-3	1.4435	316S13	-	2353	316L	Z2CND17.12	X2CrNiMo17 12	-	SCS16, SUS316L
	M1.0.Z.AQ/M1.0.C.UT	05.21/15.21	X3CrNiMo17-3-3	1.4436	316S33	-	2343, 2347	316	Z6CND18-12-03	X8CrNiMo1713	-	-
	M1.0.Z.AQ/M1.0.C.UT	05.21/15.21	X2CrNiMo18-15-4	1.4438	317S12	-	2367	317L	Z2CND19.15	X2CrNiMo18 16	-	SUS317L
	M1.0.Z.AQ/M1.0.C.UT	05.21/15.21	X6CrNiNb18-10	1.4550	347S17	58F	2338	347	Z6CNNb18.10	X6CrNiNb18 11	F.3552 F.3524	SUS347
	M1.0.Z.AQ/M1.0.C.UT	05.21/15.21	X6CrNiMoTi17-12-2	1.4571	320S17	58J	2350	316Ti	Z6NDT17.12	X6CrNiMoTi17 12	F.3535	-
	M1.0.Z.AQ/M1.0.C.UT	05.21/15.21	X10CrNiMoNb 18-12	1.4583	-	-	-	318	Z6CNDNb17 13B	X6CrNiMoNb17 13	-	-
	M1.0.Z.AQ/M1.0.C.UT	05.21/15.21	X15CrNiSi20-12	1.4828	309S24	-	-	309	Z15CNS20.12	-	-	SUH309
	M1.0.Z.AQ/M1.0.C.UT	05.21/15.21	X2CrNiMoN17-11-2	1.4406	301S21	58C	2370	308	Z1NCDU25.20	-	F.8414	SCS17
	M1.0.Z.AQ	05.21/15.21	X1CrNiMoCuN20-18-7	1.4547	-	-	2378	S31254	Z1CNDU20-18-06AZ	-	-	-
	M1.0.Z.AQ/M1.0.C.UT	05.21/15.21	X9CrNi18-8	1.4310	-	-	2331	301	Z12CN17.07	X12CrNi17 07	F.3517	SUS301
	M1.0.Z.PH	05.22/15.22	X7CrNiAL17-7	1.4568 1.4504	316S111	-	-	17-7PH	Z8CNA17-07	X2CrNiMo1712	-	-
	M1.0.Z.AQ/M1.0.C.UT	05.21/15.21	X2CrNi19-11	1.4306	304S11 304S12	-	2352	304L	Z2CN18-10	X2CrNi18 11	-	-
	M1.1.Z.AQ	05.21/15.21	-	-	304S31	58E	2332, 2333	304	Z6CN18.09	X5CrNi18 10	F.3504 F.3541	SUS304
	M1.1.Z.AQ	05.21/15.21	X5CrNi18-10	1.4301	304S15	58E	2332	304	Z6CN18.09	X5CrNi18 10	F.3551	SUS304
	M1.1.Z.AQ	05.21/15.21	X5CrNiMo17-2-2	1.4401	316S16	58J	2347	316	Z6CND17.11	X5CrNiMo17 12	F.3543	SUS316
	M1.1.Z.AQ	05.21/15.21	X6CrNiTi18-10	1.4541	321S12	58B	2337	321	Z6CNT18.10	X6CrNiTi18 11	F.3553 F.3523	SUS321
	M1.2.Z.AQ	05.21/15.21	X8CrNiS18-9	1.4305	303S21	58M	2346	303	Z10CNF 18.09	X10CrNiS 18.09	F.3508	SUS303
	Acero inoxidable súper austenítico (Ni>20%)											
	M2.0.C.AQ	20.11	G-X40NiCrSi36-18	1.4865	330C11	-	-	-	-	XG50NiCr39 19	-	SCH15
	M2.0.Z.AQ	05.21/15.21	X1NiCrMoCu25-20-5	1.4539	-	-	2562	UNS V 0890A	Z2 NCDU25-20	-	-	-
	M2.0.Z.AQ	05.21/15.21	X8CrNi25-21	1.4845	310S24	-	2361	310S	Z12CN25 20	X6CrNi25 20	F.331	SUH310
	M2.0.Z.AQ	20.11	X12NiCrSi36 16	1.4864	-	-	-	330	Z12NCS35.16	F-3313	-	SUH330
	M2.0.Z.AQ	05.23/15.23	X1NiCrMoCu31-27-4	1.4563	-	-	2584	NO8028	Z1NCDU31-27-03	-	-	-
	Acero inoxidable dúplex (austenítico/ferrítico)											
	M3.1.Z.AQ/M3.1.C.AQ	05.51/15.51	X2CrNiN23-4	1.4362	-	-	2376	S31500	-	-	-	-
	M3.1.Z.AQ/M3.1.C.AQ	05.51/15.51	X8CrNiMo27-5	-	-	-	2324	S32900	-	-	-	-
	M3.2.Z.AQ/M3.2.C.AQ	05.52/15.52	X2CrNiN23-4	-	-	-	2327	S32304	Z2CN23-04AZ	-	-	-
	M3.2.Z.AQ/M3.2.C.AQ	05.52/15.52	-	-	-	-	2328	-	-	-	-	-
	M3.2.Z.AQ/M3.2.C.AQ	05.52/15.52	X2CrNiMoN22-53	-	-	-	2377	S31803	Z2CND22-05-03	-	-	-
					Nombres comerciales							
	M1.1.Z.AQ	05.21/15.21			SANMAC 304 (Sandvik Steel)							
	M1.1.Z.AQ	05.21/15.21		1.0045	SANMAC 304L (Sandvik Steel)							
	M1.1.Z.AQ	05.21/15.21			SANMAC 316 (Sandvik Steel)							
	M1.1.Z.AQ	05.21/15.21			SANMAC 316L (Sandvik Steel)							
	M1.0.Z.AQ	05.23/15.23			254 SMO							
	M2.0.Z.AQ	05.23/15.23			654 SMO							
	M3.2.Z.AQ	05.52/15.52			SANMAC SAF 2205 (Sandvik Steel)							
	M3.2.Z.AQ	05.52/15.52			SANMAC SAF 2507 (Sandvik Steel)							

Lista de referencia cruzada de materiales

ISO	MC	CMC	País									
			Europa	Alemania	Gran Bretaña		Suecia	EE. UU.	Francia	Italia	España	Japón
			Estándar									
			DIN EN	W.-nr.	BS	EN	SS	AISI/SAE/ASTM	AFNOR	UNI	UNE	JIS
K	**Fundición maleable**											
	K1.1.C.NS	07.1	-	-	8 290/6	-	0814	-	MN 32-8	-	-	FCMB310
	K1.1.C.NS	07.1	EN-GJMB350-10	0.8135	B 340/12	-	0815	32510	MN 35-10	-	-	FCMW330
	K1.1.C.NS	07.2	EN-GJMB450-6	0.8145	P 440/7	-	0852	40010	Mn 450	GMN 45	-	FCMW370
	K1.1.C.NS	07.2	EN-GJMB550-4	0.8155	P 510/4	-	0854	50005	MP 50-5	GMN 55	-	FCMP490
					P 570/3		0858	70003	MP 60-3			FCMP540
	K1.1.C.NS	07.2	EN-GJMB650-2	0.8165	P570/3	-	0856	A220-70003	Mn 650-3	GMN 65	-	FCMP590
	K1.1.C.NS	07.3	EN-GJMB700-2	0.8170	P690/2	-	0862	A220-80002	Mn700-2	GMN 70	-	FCMP690
	Fundición gris											
	K2.1.C.UT	08.1	-	-	-	-	0100	-	-	-	-	-
	K2.1.C.UT	08.1	EN-GJL-100	0.6010	-	-	0110	No 20 B	Ft 10 D	-	-	FC100
	K2.1.C.UT	08.1	EN-GJL-150	0.6015	Grade 150	-	0115	No 25 B	Ft 15 D	G 15	FG 15	FC150
	K2.1.C.UT	08.1	EN-GJL-200	0.6020	Grade 220	-	0120	No 30 B	Ft 20 D	G 20	-	FC200
	K2.1.C.UT	08.2	EN-GJL-250	0.6025	Grade 260	-	0125	No 35 B	Ft 25 D	G 25	FG 25	FC250
	K2.1.C.UT	08.2	EN-JLZ	0.6040	Grade 400	-	0140	No 55 B	Ft 40 D	-	-	-
	K2.2.C.UT	08.2	EN-GJL-300	0.6030	Grade 300	-	0130	No 45 B	Ft 30 D	G 30	FG 30	FC300
	K2.2.C.UT	08.2	EN-GJL-350	0.6035	Grade 350	-	0135	No 50 B	Ft 35 D	G 35	FG 35	FC350
	K2.3.C.UT	08.3	GGL-NiCr20-2	0.6660	L-NiCuCr202	-	0523	A436 Type 2	L-NC 202	-	-	-
	Fundición nodular											
	K3.1.C.UT	09.1	EN-GJS-400-15	0.7040	SNG 420/12	-	0717-02	60-40-18	FCS 400-12	GS 370-17	FGE 38-17	FCD400
	K3.1.C.UT	09.1	EN-GJS-400-18-LT	0.7043	SNG 370/17	-	0717-12	-	FGS 370-17	-	-	-
	K3.1.C.UT	09.1	EN-GJS-350-22-LT	0.7033	-	-	0717-15	-	-	-	-	-
	K3.1.C.UT	09.1	EN-GJS-800-7	0.7050	SNG 500/7	-	0727	80-55-06	FGS 500-7	GS 500	FGE 50-7	FCD500
	K3.2.C.UT	09.2	EN-GJS-600-3	0.7060	SNG 600/3	-	0732-03	-	FGS 600-3	-	-	FCD600
	K3.3.C.UT	09.2	EN-GJS-700-2	0.7070	SNG 700/2	-	0737-01	100-70-03	FGS 700-2	GS 700-2	FGS 70-2	FCD700
	K3.5.C.UT	-	EN-GJSA-XNiCr20-2	0.7660	Grade S6	-	0776	A43D2	S-NC 202	-	-	-
	Fundición de grafito compactado											
	K4.1.C.UT	-	EN-GJV-300									
	K4.1.C.UT	-	EN-GJV-350									
	K4.2.C.UT	-	EN-GJV-400									
	K4.2.C.UT	-	EN-GJV-450									
	K4.2.C.UT	-	EN-GJV-500									
	Fundición dúctil austemperizada											
	K5.1.C.NS	-	EN-GJS-800-8	-	-	-	-	ASTM A897 No. 1	-	-	-	-
	K5.1.C.NS	-	EN-GJS-1000-5	-	-	-	-	ASTM A897 No. 2	-	-	-	-
	K5.2.C.NS	-	EN-GJS-1200-2	-	-		-	ASTM A897 No. 3	-	-	-	-
	K5.2.C.NS	-	EN-GJS-1400-1	-	-	-	-	ASTM A897 No. 4	-	-	-	-
	K5.3.C.NS	-	-	-	-	-	-	ASTM A897 No. 5	-	-	-	-

Fundición

Lista de referencia cruzada de materiales

ISO	MC	CMC	País									
			Europa	Alemania	Gran Bretaña		Suecia	EE. UU.	Francia	Italia	España	Japón
			Estándar									
			DIN EN	W.-nr.	BS	EN	SS	AISI/SAE/ASTM	AFNOR	UNI	UNE	JIS
N	**Aleaciones con base de aluminio**											
Metales no-férreos	N1.3.C.AG	30.21	G-AlSI9MGWA	3.2373	-	-	4251	SC64D	A-S7G	-	-	C4BS
	N1.3.C.UT	30.21	G-ALMG5	-	LM5	-	4252	GD-AlSI12	A-SU12	-	-	AC4A
	N1.3.C.UT/N1.3.C.AG	30.21/30.22	-	-	LM25	-	4244	356.1	-	-	-	A5052
	N1.3.C.UT	-	GD-AlSi12	-	-	-	4247	A413.0	-	-	-	A6061
	N1.3.C.AG	-	GD-AlSi8Cu3	-	LM24	-	4250	A380.1	-	-	-	A7075
	N1.3.C.UT	-	G-AlSi12(Cu)	-	LM20	-	4260	A413.1	-	-	-	ADC12
	N1.3.C.UT	-	G-AlSi12	-	LM6	-	4261	A413.2	-	-	-	-
	N1.3.C.AG	-	G-AlSi10Mg(Cu)	-	LM9	-	4253	A360.2	-	-	-	-
S	**Aleaciones con base de níquel**											
Superaleaciones termorresistentes	S2.0.Z.AG	20.22	S-NiCr13A16MoNb	LW2 4670	mar-46	-	-	5391	NC12AD	-	-	-
	S2.0.C.UT	20.24	NiCo15Cr10MoAlTi	LW2 4674	-	-	-	AMS 5397	-	-	-	-
	S2.0.Z.AG	20.22	NiFe35Cr14MoTi	LW2.4662	-	-	-	5660	ZSNCDT42	-	-	-
	S2.0.Z.AG	20.22	NiCr19Fe19NbMo	LW2.4668	HR8	-	-	5383	NC19eNB	-	-	-
	S2.0.Z.AG	20.22	NiCr20TiAk	2.4631	Hr401.601	-	-	-	NC20TA	-	-	-
	S2.0.Z.AG	20.22	NiCr19Co11MoTi	2.4973	-	-	-	AMS 5399	NC19KDT	-	-	-
	S2.0.Z.AG	20.22	NiCr19Fe19NbMo	LW2.4668	-	-	-	AMS 5544	NC20K14	-	-	-
	S2.0.Z.AN	20.21	-	2.4603	-	-	-	5390A	NC22FeD	-	-	-
	S2.0.Z.AN	20.21	NiCr22Mo9Nb	2.4856	-	-	-	5666	NC22FeDNB	-	-	-
	S2.0.Z.AN	20.21	NiCr20Ti	2.4630	HR5.203-4	-	-	-	NC20T	-	-	-
	S2.0.Z.AG	20.22	NiCu30AL3Ti	2.4375	3072-76	-	-	4676	-	-	-	-
	Base de cobalto											
	-	-	CoCr20W15Ni	-	-	-	-	5537C, AMS	KC20WN	-	-	-
	S3.0.Z.AG	20.32	CoCr22W14Ni	LW2.4964	-	-	-	5772	KC22WN	-	-	-
	Aleaciones de titanio											
	S4.2.Z.AN	23.22	TiAl5Sn2.5	3.7115.1	TA14/17	-	-	UNS R54520	T-A5E UNS R56400	-	-	-
	S4.2.Z.AN	23.22	TiAl6V4	3.7165.1	TA10-13/TA28	-	-	UNS R56401	T-A6V	-	-	-
	S4.3.Z.AN	23.22	TiAl5V5Mo5Cr3	-	-	-	-	-	-	-	-	-
	S4.2.Z.AN	23.22	TiAl4Mo4Sn4Si0.5	3.7185	-	-	-	-	-	-	-	-
			Nombres comerciales									
			Aleaciones con base de hierro									
	S2.0.Z.UT/S2.0.Z.AN	20.11	Incoloy 800									
			Aleaciones con base de níquel									
	S2.0.Z.AN	20.2	Haynes 600									
	S2.0.Z.AN	20.2	Nimocast PD16									
	S2.0.Z.AG	20.2	Nimonic PE 13									
	S2.0.Z.AG	20.2	Rene 95									
	S2.0.Z.AN	20.21	Hastelloy C									
	S2.0.Z.AN	20.21	Incoloy 825									
	S2.0.Z.AN	20.21	Inconel 600									
	S2.0.Z.AN	20.21	Monet 400									
	S2.0.Z.AG	20.22	Inconel 700									
	S2.0.Z.AG	S2.0.Z.AG	Inconel 718									
	S2.0.Z.AG	20.22	Mar – M 432									
	S2.0.Z.AG	20.22	Nimonic 901									
	S2.0.Z.AG	20.22	Waspaloy									
	S2.0.C.NS	20.24	Jessop G 64									
			Base de cobalto									
	S3.0.Z.AG	20.3	Air Resist 213									
	S3.0.Z.AG	20.3	Jetalloy 209									
H	**Materiales templados**											
Materiales templados	H1.2.Z.HA	04.1	X100CrMo13	1.4108	-	-	2258 08	440A	-	-	-	C4BS
	H1.3.Z.HA	04.1	X110CrMoV15	1.4111	-	-	2534 05	610	-	-	-	AC4A
	H1.2.Z.HA	04.1	X65CrMo14	-	-	-	2541 06	0-2	-	-	-	AC4A

Clave de códigos para CoroMill® Plura

2	S	3	4	0	–	1200	–	200	–	M	A	1640
1	2	3	4	5		6		7	8	9	10	11

1 Serie

1: Versátil
2: Optimizada

2 Geometría frontal

S: Radio de punta recto, corte central

F: Radio de punta recto, sin corte central

P: Recta, corte central

N: Recta, sin corte central

B: Punta esférica

C: Herramientas para achaflanar

H: Fresa de alto avance

U: Radio de chaflán

T: Fresa para tornear

3 Ángulo helicoidal de la ranura

0: 0°<FHA≤15°
1: 15°<FHA≤25°
2: 25°<FHA≤35°
3: 35°<FHA≤45°
4: 45°<FHA≤55°
5: 55°<FHA≤65°

4 Longitud media de corte del tipo de herramienta (APMX/DC)

0: 0-0.5 x DC
1: 0.6-1.0 x DC
2: 1.1-1.5 x DC
3: 1.6-2.0 x DC
4: 2.1-2.5 x DC
5: 2.6-3.0 x DC
6: 3.1-3.5 x DC
7: 3.6-4.0 x DC
8: 4.1-5.0 x DC
9: > 5.0 x DC

5 Número consecutivo para diferenciar entre los códigos del tipo de herramienta

6 Diámetro de corte (DC) en 1/100.

P. ej., 1200 = 12.00 mm

7 Radio de punta, chaflán o radio de chaflán en 1/100.

P. ej., Radio de punta 200 = 2 mm.
P. ej., Chaflán 045 = 45°

8 Refrigerante

- Sin refrigerante
C: Refrigerante de salida radial
A: Refrigerante de salida axial

9 Material ISO principal

P: ISO P
K: ISO K
M: ISO M
S: ISO S
H: ISO H
N: ISO N
O: ISO O
X: Multi

10 Mango

A: Cilíndrico
B: Weldon
C: Cilíndrica con cuello
D: Weldon con cuello
Y: iLock
F: iLock con cuello
G: Subdimensionado

11 Calidad

SPA

Clave de códigos para machos

T200	–	S	D	100	D	A	–	M3
1		2	3	4	5	6		7

1 Gama de productos

2 Material ISO

P = Acero
M = Acero inoxidable
K = Fundición
S = Superaleaciones termorresistentes

H = Material templado

N = Material no férreo

X = Material cruzado

3 Nivel de material

E = Fácil
M = Medio
D = Difícil

4 Número

1 0 0

Núm. diferente para:
mango reforzado o recto
chaflán, herramienta, refrigerante, etc. diferentes

5 Std

D = DIN
A = ANSI y DIN/ANSI
J = JIS
I = ISO

6 Forma de rosca

A = M
B = MF
C = MJ
D = UN
E = UNC
F = UNF
G = UNEF
H = UNJC
I = UNJF
J = UNS
K = G
L = NPT
M = NPTF
N = NPSF
O = NPSM
P = EGM
Q = EGMF
R = EGUNC
S = EGUNF
T = PG
U = R
V = Rc
X = Rp
Y = BA
Z = EGUNJF

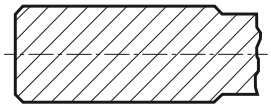
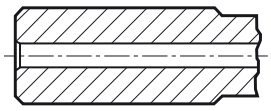
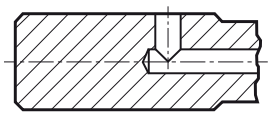
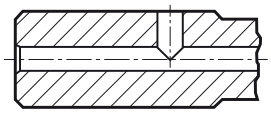
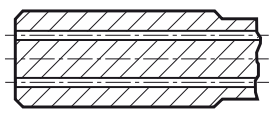
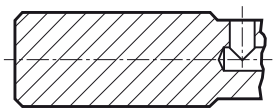
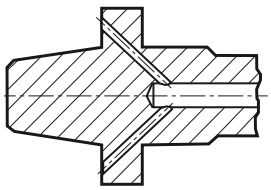
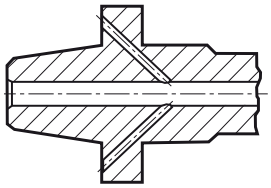
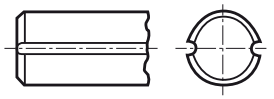
7 Dimensión

Paso solo cuando sea necesario, como en MF.

M3
M10x125 (El tamaño del paso no presenta decimales)

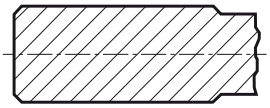
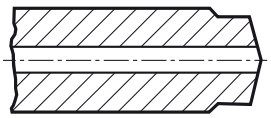
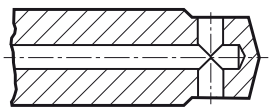
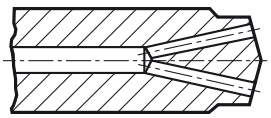
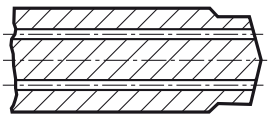
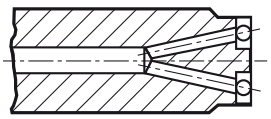
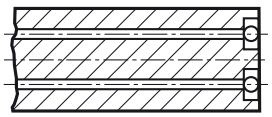
CNSC

Código del tipo de entrada de refrigerante

Código	Descripción	Imagen
0	Sin refrigerante	
1	Entrada concéntrica axial	
2	Entrada radial	
3	Entrada concéntrica axial y entrada radial	
4	Entrada concéntrica axial en círculo	
5	Entrada radial antes del adaptador	
6	Descentralizado sobre la brida	
7	Descentralizado sobre la brida y axial	
8	Descentralizado sobre las ranuras del mango	

CXSC

Código del tipo de salida de refrigerante

Código	Descripción	Imagen
0	Sin salida de refrigerante	
1	Salida concéntrica axial	
2	Salida radial	
3	Salida inclinada axial	
4	Concéntrica axial en círculo	
5	Salida inclinada axial con boquilla, ajustable	
6	Salida descentralizada con boquilla, ajustable	
7	Descentralizado sobre las ranuras del mango	
8	Salida axial o descentralizada con boquilla, ajustable