



COVENTRY LINE

**COVENTRY
LINE**

Reference	Picture	Page
NORM A DIN 4964		256
NORM B DIN 4964		257
NORM D DIN 4964		258
NORM E DIN 4964		259
NORM L-1 DIN 4964		260
NORM L-2 DIN 4964		260
ISO - 1 DIN 4971		261
ISO - 2 DIN 4972		261
ISO - 3 DIN 4978		262
ISO - 4 DIN 4976		262

Reference	Picture	Page
ISO - 5 DIN 4977		262
ISO - 6 DIN 4980		263
ISO - 7 DIN 4981		263
ISO - 8 DIN 4973		264
ISO - 9 DIN 4974		264
ISO - 10 DIN 4975		264
ISO-11 DIN 282		265
ISO 352 DIN 282		265
ISO 353 DIN 283		265

MANUFACTURING PROGRAM: Welded hard metal tools for turning

PROGRAMA DE FABRICACIÓN: Herramientas soldadas de metal duro para torno

NORM / NORMA	description / descripción
DIN 4971 - ISO 1	Turning tool Herramienta de torneear
DIN 4972 - ISO 2	Turning tool 45° Herramienta de torneear 45°
DIN 4978 - ISO 3	Finishing tool Herramienta de acabado
DIN 4976 - ISO 4	Width grooving tool Herramienta para ataque frontal
DIN 4977 - ISO 5	Front cutting tools Herramienta desplazada para frontales
DIN 4980 - ISO 6	Turning tool 90° Herramienta para torneear y refrentar
DIN 4981 - ISO 7	Grooving / Parting tool Herramienta de ranurar y tronzar
DIN 4973 - ISO 8	Internal boring tool roughing Herramienta de torneado interior desbaste
DIN 4974 - ISO 9	Internal boring tool finishing Herramienta de torneado interior acabado
DIN 4975 - ISO 10	Pointed straight turning tool Herramienta de torno para acabados

DIN 282 - ISO 352	External thread tool Herramienta para roscado exterior
DIN 283 - ISO 353	Internal thread tool Herramienta para roscado interior
DIN 263 - ISO 354	Internal grooving / parting tool Herramienta para ranurado interior

Certified Quality

Calidad certificada

Coventry Tool Bits Co 10% / Cuchillas Coventry Co 10%

High grade Co10 DIN EW9Co10 1.3207

Mechanical Characteristics / Características mecánicas

HRc hardness 65-69

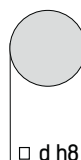
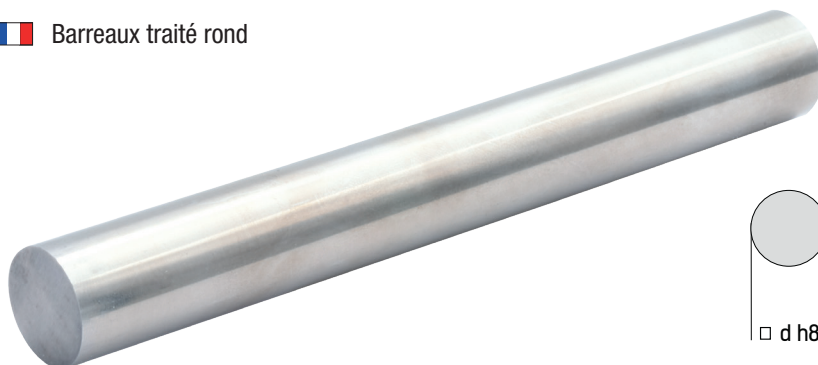
Chemical Analyse / Análisis químico

C %	Cr %	Mo %	V %	W %	Co %
1,25	4,1	5,2	3,5	9,5	10

CYLINDRICAL TOOL BITS

 Cuchilla redonda

 Barreaux traité rond



NORM
A

DIN
4964 A

Co
10%

HSS

Tol.
h8

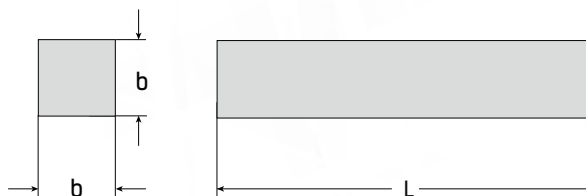
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7420300100	3	100	
7420300160	3	160	
7420300200	3	200	
7420400100	4	100	
7420400160	4	160	
7420400200	4	200	
7420500100	5	100	
7420500160	5	160	
7420500200	5	200	
7420600100	6	100	
7420600160	6	160	
7420600200	6	200	
7420700100	7	100	
7420800100	8	100	
7420800160	8	160	
7420800200	8	200	

Cod.	d	l	Price €
7420900100	9	100	
7420900160	9	160	
7420900200	9	200	
7421000100	10	100	
7421000160	10	160	
7421000200	10	200	
7421200100	12	100	
7421200160	12	160	
7421200200	12	200	
7421400160	14	160	
7421400200	14	200	
7421600100	16	100	
7421600160	16	160	
7421600200	16	200	
7421800200	18	200	
7422000200	20	200	

SQUARE TOOL BITS

 Cuchilla cuadrada

 Barreaux traité carrée



NORM
B

DIN
4964 B

Co
10%

HSS

Tol.
h13

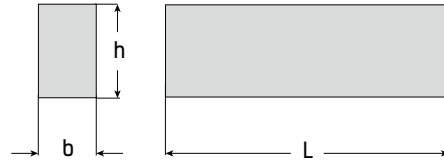
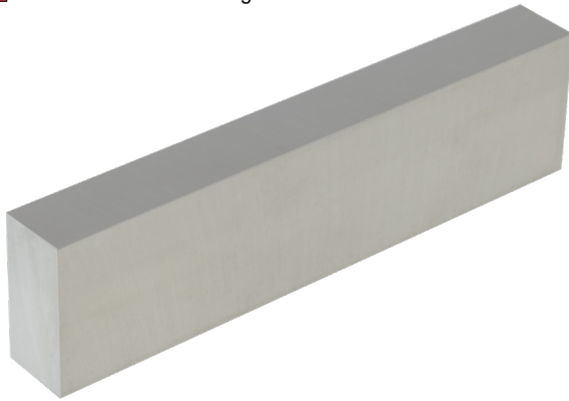
Cod.	h	b	l	Price €
7120404100	4	4	100	
7120404160	4	4	160	
7120404200	4	4	200	
7120505100	5	5	100	
7120505160	5	5	160	
7120505200	5	5	200	
7120606100	6	6	100	
7120606160	6	6	160	
7120606200	6	6	200	
7120707200	7	7	200	
7120808100	8	8	100	
7120808160	8	8	160	
7120808200	8	8	200	
7121010100	10	10	100	
7121010160	10	10	160	

Cod.	h	b	l	Price €
7121010200	10	10	200	
7121212100	12	12	100	
7121212160	12	12	160	
7121212200	12	12	200	
7121414100	14	14	100	
7121414160	14	14	160	
7121414200	14	14	200	
7121616100	16	16	100	
7121616160	16	16	160	
7121616200	16	16	200	
7121818160	18	18	160	
7121818200	18	18	200	
7122020160	20	20	160	
7122020200	20	20	200	
7122525200	25	25	200	

RECTANGULAR TOOL BITS

 Cuchilla rectangular

 Barreaux traité rectangulaire



NORM
D

DIN
4964 D

Co
10%

HSS

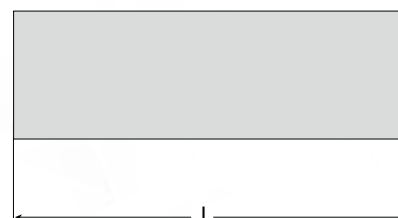
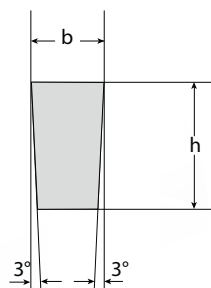
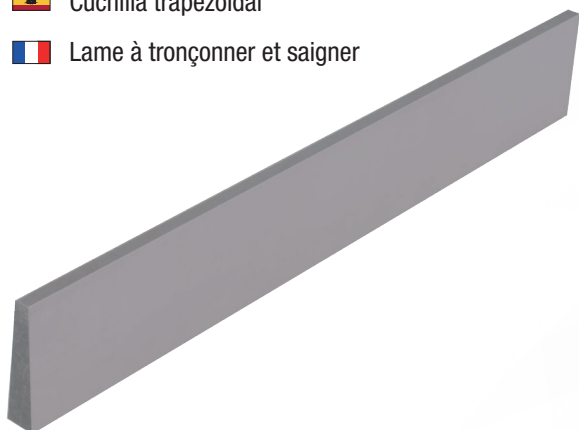
Tol.
h13

Cod.	h	b	l	Price €
7520804100	8	4	100	
7521005160	10	5	160	
7521006160	10	6	160	
7521206160	12	6	160	
7521206200	12	6	200	
7521208200	12	8	200	
7521505200	15	5	200	
7521604100	16	4	100	
7521604160	16	4	160	
7521608200	16	8	200	
7521610160	16	10	160	
7522004200	20	4	200	
7522005160	20	5	160	
7522010160	20	10	160	
7522012200	20	12	200	
7522506200	25	6	200	
7522512200	25	12	200	

TRAPEZOID TOOL BITS

 Cuchilla trapezoidal

 Lame à tronçonner et saigner



**NORM
E**

**DIN
4964 E**

**Co
10%**

HSS

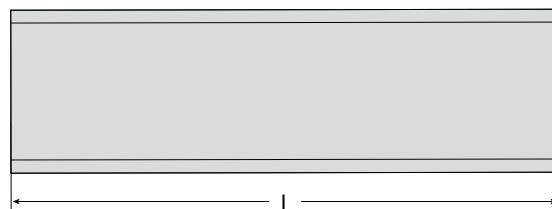
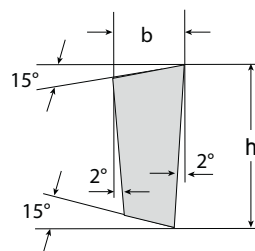
**Tol.
h13**

Cod.	h	b	l	Price €
7621025200	10	2,5	200	
7621203125	12	3	125	
7621604160	16	4	160	
7621604200	16	4	200	
7622005160	20	5	160	
7622005200	20	5	200	

IRREGULAR TRAPEZOID TOOL BITS L-1

 Cuchilla trapezoidal L-1

 Lame à tronçonner L-1



NORM
L-1

DIN
4964

Co
10%

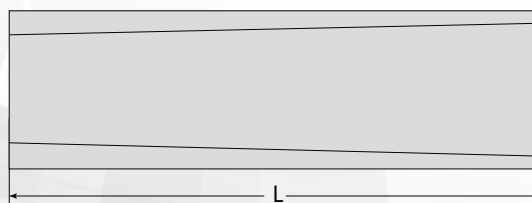
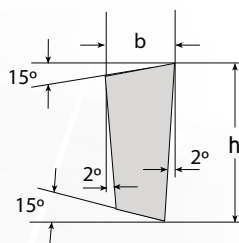
HSS

Cod.	h	b	l1	Price €
1212513100	2,5	13	100	
1212515100	2,5	15	100	
1213519125	3,5	19	125	

IRREGULAR TRAPEZOID TOOL BITS L-2

 Cuchilla bitrapezoidal L-2

 Lame à tronçonner L-2



NORM
L-2

DIN
4964

Co
10%

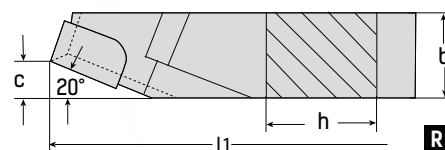
HSS

Cod.	h	b	l1	Price €
1312513100	2,5	13	100	
1312515100	2,5	15	100	
1313519125	3,5	19	125	

TURNING TOOL

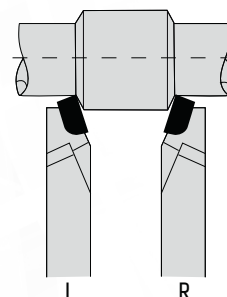
 Herramienta de tornear

 Outil à chariotier droit



ISO 1 DIN 4971 P-20 > STEEL K 10/20 > GG(G) > NON FERROUS > UNI

Cod.	Quality	R / L	h	b	l1	Price €
1111010	P20	R	10	10	90	
1111212	P20	R	12	12	100	
1111616	P20	R	16	16	110	
1112020	P20	R	20	20	125	
1112525	P20	R	25	25	140	
1121616	P20	L	16	16	110	
1122020	P20	L	20	20	125	
1122525	P20	L	25	25	140	
1311010	K10/20	R	10	10	90	
1311212	K10/20	R	12	12	100	
1311616	K10/20	R	16	16	110	
1312020	K10/20	R	20	20	125	
1312525	K10/20	R	25	25	140	
1321616	K10/20	L	16	16	110	
1322020	K10/20	L	20	20	125	
1322525	K10/20	L	25	25	140	

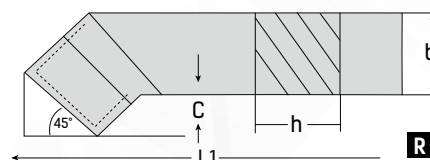


Referencias en stock permanente.
Consultar para otras medidas y calidades.

TURNING TOOL 45°

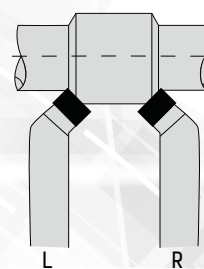
 Herramienta de tornear 45°

 Outil à chariotier coudé 45°



ISO 2 DIN 4972 P-20 > STEEL K 10/20 > GG(G) > NON FERROUS > UNI

Cod.	Quality	R / L	h	b	l1	Price €
2111010	P20	R	10	10	90	
2111212	P20	R	12	12	100	
2111616	P20	R	16	16	110	
2112020	P20	R	20	20	125	
2112525	P20	R	25	25	140	
2121616	P20	L	16	16	110	
2122020	P20	L	20	20	125	
2122525	P20	L	25	25	140	
2311010	K10/20	R	10	10	90	
2311212	K10/20	R	12	12	100	
2311616	K10/20	R	16	16	110	
2312020	K10/20	R	20	20	125	
2312525	K10/20	R	25	25	140	
2321616	K10/20	L	16	16	110	
2322020	K10/20	L	20	20	125	
2322525	K10/20	L	25	25	140	



Referencias en stock permanente.
Consultar para otras medidas y calidades.

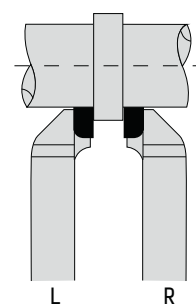
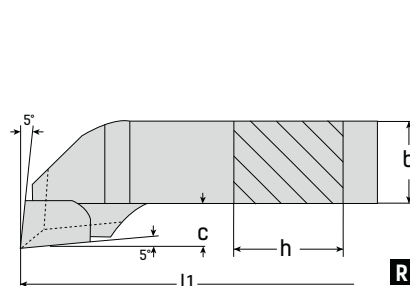
FINISHING TOOL

 Herramienta de acabado

 Outil à finir d'angle

ISO
3

DIN
4978



Referencias únicamente disponibles bajo pedido en 3-4 semanas.
Consultar medidas, materiales y precios.

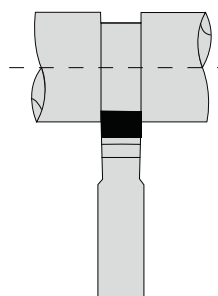
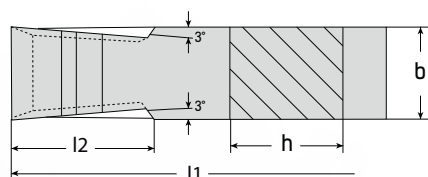
WIDTH GROOVING TOOL

 Herramienta para ataque frontal

 Outil pelle

ISO
4

DIN
4976



Referencias únicamente disponibles bajo pedido en 3-4 semanas.
Consultar medidas, materiales y precios.

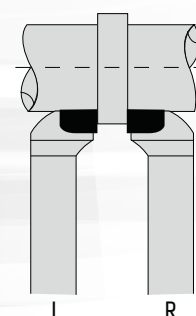
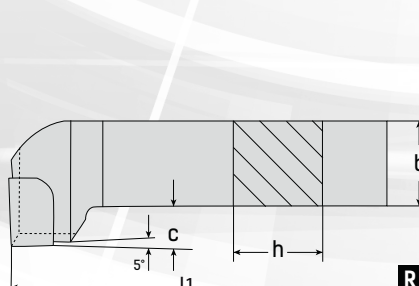
FRONT CUTTING TOOLS

 Herramienta desplazada para frontales

 Outil à dresser les faces

ISO
5

DIN
4977

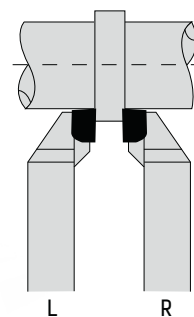
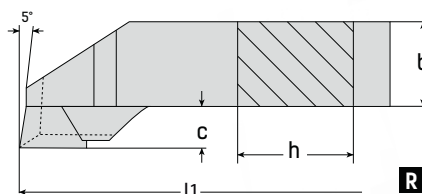


Referencias únicamente disponibles bajo pedido en 3-4 semanas.
Consultar medidas, materiales y precios.

TURNING TOOL 90°

 Herramienta para torneear y refrentar

 Couteau revageur 90°



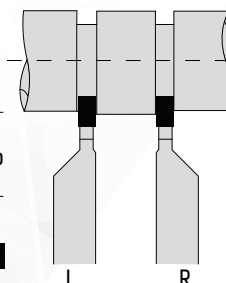
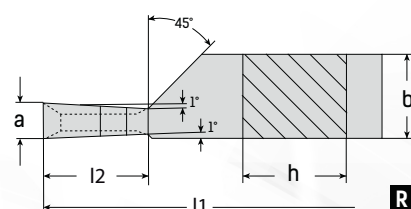
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6111010	P20	R	10	10	90	
6111212	P20	R	12	12	100	
6111616	P20	R	16	16	110	
6112020	P20	R	20	20	125	
6112525	P20	R	25	25	140	
6121616	P20	L	16	16	110	
6122020	P20	L	20	20	125	
6122525	P20	L	25	25	140	

Cod.	Quality	R / L	h	b	l1	Price €
6311010	K10/20	R	10	10	90	
6311212	K10/20	R	12	12	100	
6311616	K10/20	R	16	16	110	
6312020	K10/20	R	20	20	125	
6312525	K10/20	R	25	25	140	
6321616	K10/20	L	16	16	110	
6322020	K10/20	L	20	20	125	
6322525	K10/20	L	25	25	140	

GROOVING / PARTING TOOL

 Herramienta de ranurar y tronzar

 Outil à gorge d'exterieur



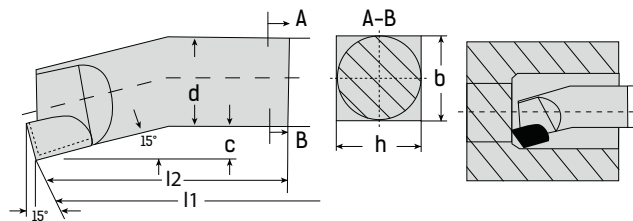
Cod.	Quality	R / L	h	b	l1	a	Price €
7111208	P20	R	12	8	100	3	
7111610	P20	R	16	10	110	4	
7112012	P20	R	20	12	125	5	
7112516	P20	R	25	16	140	6	
7121208	P20	L	12	8	100	3	
7121610	P20	L	16	10	110	4	
7122012	P20	L	20	12	125	5	
7122516	P20	L	25	16	140	6	

Cod.	Quality	R / L	h	b	l1	a	Price €
7311208	K10/20	R	12	8	100	3	
7311610	K10/20	R	16	10	110	4	
7312012	K10/20	R	20	12	125	5	
7312516	K10/20	R	25	16	140	6	
7321208	K10/20	L	12	8	100	3	
7321610	K10/20	L	16	10	110	4	
7322012	K10/20	L	20	12	125	5	
7322516	K10/20	L	25	16	140	6	

INTERNAL BORING TOOL ROUGHING

 Herramienta de torneado interior desbaste

 Outil à aléser débouchant



ISO 8 DIN 4973 P-20 > STEEL K 10/20 > GG(G) > NON FERROUS > UNI

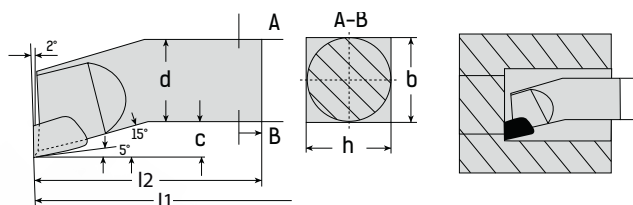
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8110808	P20	R	8	8	125	14	
8111010	P20	R	10	10	150	18	
8111212	P20	R	12	12	180	21	
8111616	P20	R	16	16	210	27	
8112020	P20	R	20	20	250	34	
8112525	P20	R	25	25	300	43	
8113232	P20	R	32	32	355	52	

Cod.	Quality	R / L	h	b	l1	ø min	Price €
8310808	K10/20	R	8	8	125	14	
8311010	K10/20	R	10	10	150	18	
8311212	K10/20	R	12	12	180	21	
8311616	K10/20	R	16	16	210	27	
8312020	K10/20	R	20	20	250	34	
8312525	K10/20	R	25	25	300	43	
8313232	K10/20	R	32	32	355	52	

INTERNAL BORING TOOL FINISHING

 Herramienta de torneado interior acabado

 Outil à aléserfond plat



ISO 9 DIN 4974 P-20 > STEEL K 10/20 > GG(G) > NON FERROUS > UNI

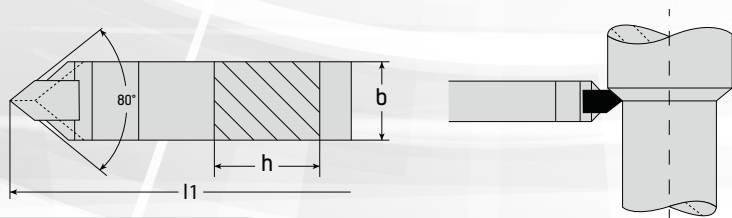
Cod.	Quality	R / L	h	b	l1	ø min	Price €
9110808	P20	R	8	8	125	14	
9111010	P20	R	10	10	150	18	
9111212	P20	R	12	12	180	21	
9111616	P20	R	16	16	210	27	
9112020	P20	R	20	20	250	34	
9112525	P20	R	25	25	300	43	
9113232	P20	R	32	32	355	52	

Cod.	Quality	R / L	h	b	l1	ø min	Price €
9310808	K10/20	R	8	8	125	14	
9311010	K10/20	R	10	10	150	18	
9311212	K10/20	R	12	12	180	21	
9311616	K10/20	R	16	16	210	27	
9312020	K10/20	R	20	20	250	34	
9312525	K10/20	R	25	25	300	43	
9313232	K10/20	R	32	32	355	52	

POINTED STRAIGHT TURNING TOOL

 Herramienta de torno para acabados

 Outil de finition droit



ISO 10 DIN 4975 P-20 > STEEL K 10/20 > GG(G) > NON FERROUS > UNI

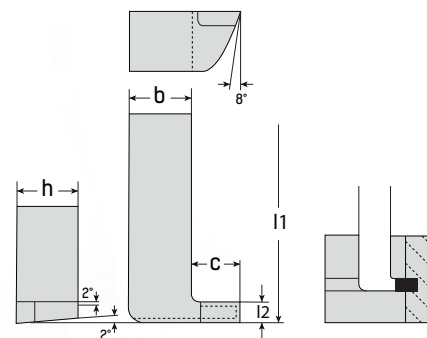
Cod.	Quality	R / L	h	b	l1	ø min	Price €
9131616	P20	N	16	16	110	12,10	
9132020	P20	N	20	20	125	16,20	
9132525	P20	N	25	25	140	27,30	

Cod.	Quality	R / L	h	b	l1	ø min	Price €
9331616	K10/20	N	16	16	110	12,10	
9332020	K10/20	N	20	20	125	16,20	
9332525	K10/20	N	25	25	140	27,30	

INTERNAL GROOVING / PARTING TOOL

 Herramienta para ranurado interior

 Outil à gorge d'intérieur



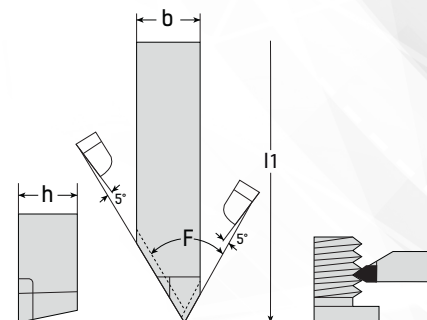
Cod.	Quality	R / L	h	b	l1	ø min	Price €
9161010	P20	R	10	10	140	22	
9161212	P20	R	12	12	160	25	
9161616	P20	R	16	16	180	34	
9162020	P20	R	20	20	210	42	
9162525	P20	R	25	25	250	60	

Cod.	Quality	R / L	h	b	l1	ø min	Price €
9361010	K10/20	R	10	10	140	22	
9361212	K10/20	R	12	12	160	25	
9361616	K10/20	R	16	16	180	34	
9362020	K10/20	R	20	20	210	42	
9362525	K10/20	R	25	25	250	60	

EXTERNAL THREAD TOOL 60°

 Herramienta para roscado exterior 60°

 Outil à fileter d'extérieur 60°

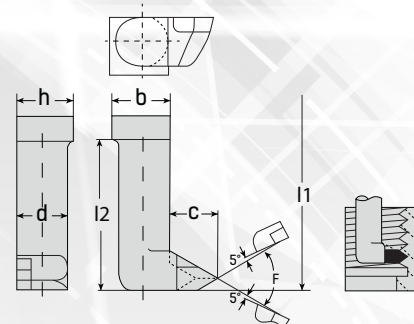


Cod.	Quality	R / L	h	b	l1	Price €
9141212	P20	R	12	12	100	
9141616	P20	R	16	16	120	
9142020	P20	R	20	20	140	
9142525	P20	R	25	25	160	

INTERNAL THREAD TOOL 60°

 Herramienta para roscado interior 60°

 Outil à fileter d'intérieur 60°



Cod.	Quality	R / L	h	b	l1	ø min	Price €
9151010	P20	R	10	10	140	22	
9151212	P20	R	12	12	160	26	
9151616	P20	R	16	16	180	32	
9152020	P20	R	20	20	210	38	
9152525	P20	R	25	25	250	45	

		COVENTRY TOOLS BITS CUCHILLAS COVENTRY			CARBIDE BRAZED TURNING TOOLS PLACA SOLDADA			
		CO 10%	SPEZIAL	ASP-60	P-20	P-40	K-10	M-10
MATERIAL MANUFACTURING		Average speed steel 10% cobalt alloy. First choice quality.	High-speed steel cobalt alloy, Tungsten and Carbon.	High alloy ASP-60 podwer metallurgical grade with a more even distribution of Cobalt, Tungsten and Carbide particles.	Premium carbide imported from Germany and under ISO.			
MATERIAL DE FABRICACIÓN		Acero rápido HSS-E aleación Cobalto 10% Calidad universal de primera opción.	Acero rápido de aleación alta en Cobalto, Tungsteno y Carbono.	Acero sinterizado pulvimetalúrgico ASP-60 aleación grano fino Cobalto, Tungsteno y Carbono.	Metal duro de primera calidad importado de Alemania y bajo las normas ISO.			
APPLICATIONS		Turning, grooving and parting off. General purpose cutting tools	High feed turning. Means cutting depths.	High wear resistance. High strenght cutting edge.	Turning, grooving, threading. General machining.	Turnind, grooving, high feed or difficult conditions.	Turning, grooving, threading. General machining.	Turning, grooving, threading. General machining.
APLICACIONES		Torneado, tronzado y herramientas de corte diversas planas y rotativas.	Torneado de alto avance. Profundidades de corte medios.	Elevada resistencia al desgaste en torneado y tronzado.	Torneado, ranurado, roscado. Mecanizado en general.	Torneado, ranurado, roscado. corte interrumpido o grandes avances.	Torneado, ranurado, roscado. Mecanizado en general.	Torneado, ranurado, roscado. Mecanizado en general.
MACHINNING		Tough materials Wood Extrusion Shearing tools	Tough materials Wood Extrusion Shearing tools	Carbon steel, stainless steel, aluminium alloys, heat resistant alloys.	Firts choice grade for general turning steel.	Steel machininig under difficult conditions.	Universal grade for cast iron, aluminium, abrasive materials and cooper alloys.	Turning stainless steels and wear resistance manganese steels.
MECANIZACIÓN		Materiales tenaces Madera Extrusión Herramientas de cizallar	Materiales tenaces Madera Extrusión Herramientas de cizallar	Aceros al carbono, aceros aleados, aleaciones de aluminio, aceros refractarios.	Calidad universal para mecanizado de aceros en general.	Mecanizado de acero en condiciones difíciles, bajas velocidades o corte interrumpido.	Mecanizado universal de fundiciones, aluminios y materiales abrasivos. Aleaciones de cobre a alta temperatura.	Mecanizado de aceros inoxidables y aceros al manganeso.
RESISTANCE		Allowed in difficult cutting conditions.	High wear resistance and machining with high concentration of heat.	High wear resistance. High strenght cutting edge.	High wear resistance.	Allowed in difficult cutting conditions.	High wear resistance.	High wear resistance.
RESISTENCIA		Alta tenacidad y resistencia al choque.	Alta resistencia al desgaste y a las mecanizaciones con alta concentración de calor.	Alta resistencia al desgaste. Alta resistencia de la arista de corte.	Alta resistencia al desgaste.	Alta tenacidad y resistencia al choque.	Alta resistencia al desgaste.	Alta resistencia al desgaste.
REGRINDING		with ceramic or CBN wheels.	Regrinding easily with ceramic or CBN wheels.	Regrinding easily with ceramic or CBN wheels.	Silicon carbide wheel, finish with diamond wheel.			
AFILADOS		Afilado sin problemas con muelas cerámicas o CBN.	Afilado sin problemas con muelas cerámicas o CBN.	Afilado sin problemas con muelas cerámicas o CBN.	Muelas de carburo de sicilio y acabado con muela de diamante.			
SPECIAL FEATURES		Good results in wide materials range.	Better wear resistance at cutting edge.	Increased productivity by higher cutting conditionds and increase wear resistance.	Optimal performance in machining processes.			
CARACTERÍSTICAS ESPECIALES		Excelentes resultados en amplia gama de materiales.	Resistencia al desgaste en el filo de corte mejorada.	Mayor productividad por más altas condiciones de corte y mayor resistencia al desgaste.	Rendimiento óptimo en procesos de mecanizado.			