

HERRAMIENTAS PARA TORNO



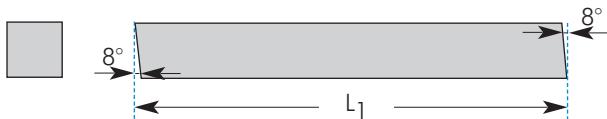
CUCHILLAS DE COBALTO PARA TORNO



Ref. CT1

HSS-Co
10%DIN
4964FORMA
BTOL
h14

UCHILLAS CUADRADAS



∅ x L ₁ mm		€												
4 x 4 x 80		5,56	6 x 6 x 100		8,82	8 x 8 x 200		24,92	12 x 12 x 100		25,35	16 x 16 x 125		64,99
4 x 4 x 100		8,78	6 x 6 x 125		10,93	10 x 10 x 63		12,28	12 x 12 x 125		33,93	16 x 16 x 160		71,14
4 x 4 x 150		12,74	6 x 6 x 160		14,19	10 x 10 x 80		15,33	12 x 12 x 160		41,21	16 x 16 x 200		86,38
4 x 4 x 200		18,13	6 x 6 x 200		17,63	10 x 10 x 100		20,33	12 x 12 x 200		52,87	18 x 18 x 160		81,17
5 x 5 x 80		7,67	8 x 8 x 63		7,67	10 x 10 x 125		26,08	14 x 14 x 100		32,02	18 x 18 x 200		101,78
5 x 5 x 100		11,74	8 x 8 x 80		9,78	10 x 10 x 160		33,93	14 x 14 x 125		38,92	20 x 20 x 160		110,44
5 x 5 x 150		16,49	8 x 8 x 100		12,28	10 x 10 x 200		40,68	14 x 14 x 160		52,35	20 x 20 x 200		131,18
5 x 5 x 200		22,52	8 x 8 x 125		18,22	12 x 12 x 63		16,49	14 x 14 x 200		58,95	25 x 25 x 160		176,21
6 x 6 x 80		7,10	8 x 8 x 160		19,55	12 x 12 x 80		21,85	16 x 16 x 100		41,61	25 x 25 x 200		205,54



Ref. CT2

HSS-Co
10%DIN
4964FORMA
ATOL
h6

UCHILLAS REDONDAS



∅ x L ₁ mm		€												
3 x 100		5,06	6 x 63		4,66	8 x 100		10,69	10 x 100		15,25	14 x 200		63,53
4 x 63		4,27	6 x 80		6,03	8 x 125		16,13	10 x 160		28,50	16 x 125		34,38
4 x 80		5,25	6 x 100		7,77	8 x 160		17,09	10 x 200		35,21	16 x 160		47,20
4 x 100		7,30	6 x 160		11,26	8 x 200		19,43	12 x 80		15,53	16 x 200		63,53
4 x 150		10,46	6 x 200		13,60	9 x 100		15,60	12 x 100		15,97	18 x 160		91,09
5 x 63		4,27	7 x 100		11,41	9 x 150		26,19	12 x 125		26,22	18 x 200		122,52
5 x 80		5,25	7 x 150		15,32	9 x 200		31,03	12 x 160		39,23	20 x 160		105,64
5 x 100		9,79	7 x 200		16,78	10 x 63		10,30	12 x 200		45,56	20 x 200		123,42
5 x 150		11,76	8 x 63		6,41	10 x 80		11,85	14 x 160		47,20	25 x 200		266,43
5 x 200		15,60	8 x 80		8,55									

UCHILLAS DE COBALTO PARA TORNO



Ref. **CT3**

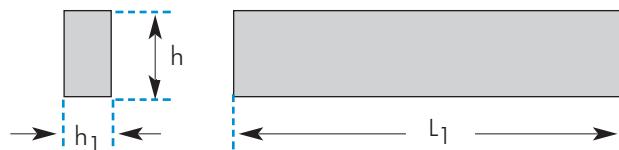
HSS-Co
10%

DIN
4964

FORMA
D

TOL
h14

UCHILLAS RECTANGULARES



CT3

$h \times h_1 \times L_1$ mm	€								
8 x 4 x 100	10,11	12 x 8 x 160	40,70	15 x 5 x 200	50,70	16 x 10 x 160	64,24	20 x 10 x 200	87,76
10 x 5 x 160	26,59	12 x 8 x 200	49,92	16 x 4 x 80	17,18	16 x 10 x 200	78,35	20 x 12 x 160	77,88
10 x 5 x 200	32,00	15 x 3 x 150	31,46	16 x 4 x 100	21,41	20 x 4 x 150	49,21	20 x 12 x 200	96,94
10 x 6 x 160	32,00	15 x 3 x 200	38,33	16 x 4 x 160	34,58	20 x 4 x 200	61,29	25 x 6 x 160	55,53
10 x 6 x 200	39,52	15 x 4 x 150	36,14	16 x 8 x 160	47,99	20 x 5 x 160	47,06	25 x 6 x 200	67,28
12 x 6 x 160	34,11	15 x 4 x 200	44,13	16 x 8 x 200	58,35	20 x 5 x 200	58,58	25 x 12 x 200	127,05
12 x 6 x 200	40,47	15 x 5 x 150	41,61	16 x 10 x 100	37,65	20 x 10 x 160	70,58		



Ref. **CT4**

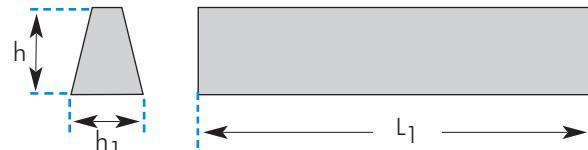
HSS-Co
10%

DIN
4964

FORMA
E

TOL
h14

UCHILLAS TRAPEZIALES



CT4

$h \times h_1 \times L_1$ mm	€	$h \times h_1 \times L_1$ mm	€
12 x 3,0 x 160	18,51	19 x 3,50 x 125	33,10
13 x 2,5 x 100	24,34	20 x 5,00 x 160	47,04
15 x 2,5 x 100	26,44	20 x 5,00 x 200	64,98
16 x 4,0 x 160	37,40	25 x 6,00 x 160	57,23



Ref. **CT5**

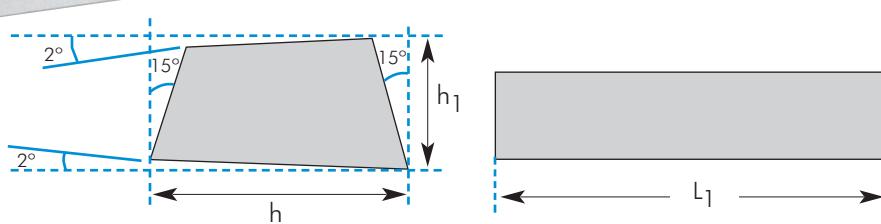
HSS-Co
10%

DIN
4964

FORMA
E

TOL
h14

UCHILLAS TRAPEZOIDALES



$h \times h_1 \times L_1$ mm	€
13 x 2,5 x 100	26,53
15 x 2,5 x 100	28,83
19 x 3,5 x 125	36,08

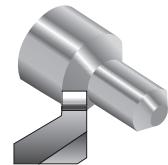
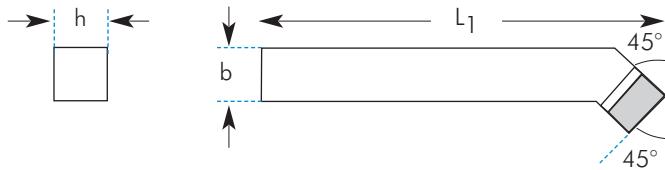
CUCHILLAS PARA TORNO



Ref. **CT1MD**
Ref. **CT1IMD**

P-20 K-10 ISO 2 DIN 4972

CUCHILLAS PARA ESCUADRADOR 45°



CT1MD / CT1IMD

P-20 K-10

P-20 K-10

K-10

CT1MD12x12x100P CT1MD12x12x100K
CT1MD16x16x110P CT1MD16x16x110K
CT1MD20x20x125P CT1MD20x20x125K
CT1MD25x25x140P CT1MD25x25x140K

CT1IMD12x12x100P CT1IMD12x12x100K
CT1IMD16x16x110P CT1IMD16x16x110K
CT1IMD20x20x125P CT1IMD20x20x125K
CT1IMD25x25x140P CT1IMD25x25x140K

h x b x L₁
mm

€

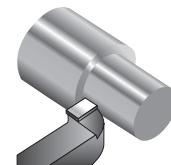
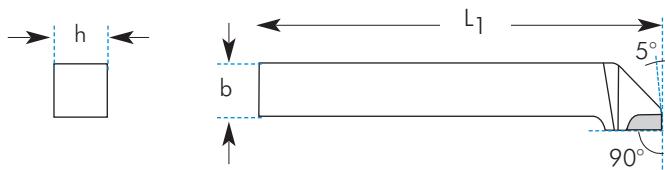
12 x 12 x 100 9,22
16 x 16 x 110 11,49
20 x 20 x 125 14,60
25 x 25 x 140 20,65



Ref. **CT2MD**
Ref. **CT2IMD**

P-20 K-10 ISO 6 DIN 4980

CUCHILLAS PARA ESCUADRADOR 90°



CT2MD / CT2IMD

P-20 K-10

P-20 K-10

CT2MD10x10x90P CT2MD10x10x90K
CT2MD12x12x100P CT2MD12x12x100K
CT2MD16x16x110P CT2MD16x16x110K
CT2MD20x20x125P CT2MD20x20x125K
CT2MD25x25x140P CT2MD25x25x140K

CT2IMD10x10x90P CT2IMD10x10x90K
CT2IMD12x12x100P CT2IMD12x12x100K
CT2IMD16x16x110P CT2IMD16x16x110K
CT2IMD20x20x125P CT2IMD20x20x125K
CT2IMD25x25x140P CT2IMD25x25x140K

h x b x L₁
mm

€

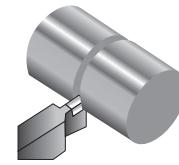
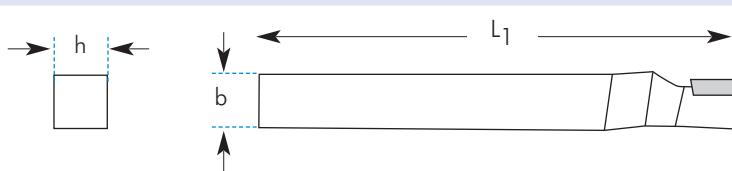
10 x 10 x 90 8,35
12 x 12 x 100 9,26
16 x 16 x 110 11,24
20 x 20 x 125 14,95
25 x 25 x 140 21,77



Ref. **CT3MD**
Ref. **CT3IMD**

P-20 K-10 ISO 7 DIN 4981

CUCHILLAS PARA TRONZAR



CT3MD / CT3IMD

P-20 K-10

P-20 K-10

CT3MD12x08x100P CT3MD12x08x100K
CT3MD16x10x110P CT3MD16x10x110K
CT3MD20x12x125P CT3MD20x12x125K
CT3MD25x16x140P CT3MD25x16x140K

CT3IMD12x08x100P CT3IMD12x08x100K
CT3IMD16x10x110P CT3IMD16x10x110K
CT3IMD20x12x125P CT3IMD20x12x125K
CT3IMD25x16x140P CT3IMD25x16x140K

h x b x L₁
mm

€

12 x 8 x 100 8,65
16 x 10 x 110 9,45
20 x 12 x 125 10,92
25 x 16 x 140 14,49

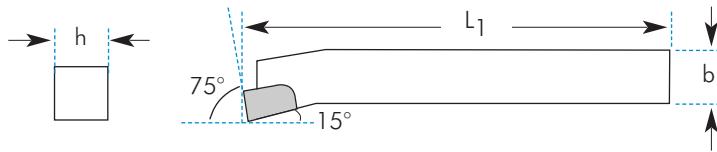
UCHILLAS PARA TORNO



Ref. **CT7MD**

P-20 K-10 ISO 8 DIN 4973

UCHILLAS RECTAS
PARA MANDRINAR



Uchillas para torno

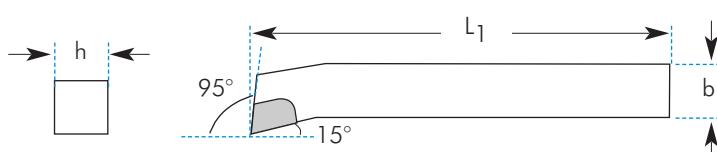
Rosa



Ref. **CT4MD**

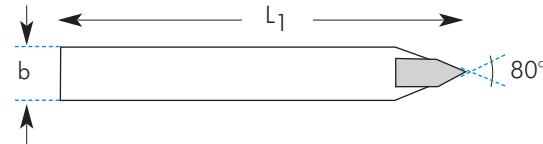
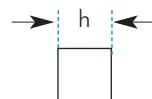
P-20 K-10 ISO 9 DIN 4974

UCHILLAS PARA TORNEADO
INTERIOR

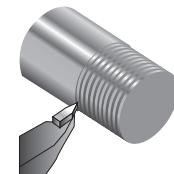
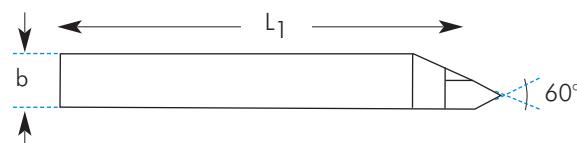
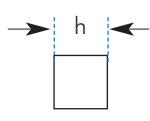


P-20	K-10	h x b x L ₁ mm	€
CT4MD08x08x125P	CT4MD08x08x125K	8 x 8 x 25	11,38
CT4MD10x10x150P	CT4MD10x10x150K	10 x 10 x 150	11,24
CT4MD12x12x180P	CT4MD12x12x180K	12 x 12 x 180	11,91
CT4MD16x16x210P	CT4MD16x16x210K	16 x 16 x 210	14,19
CT4MD20x20x250P	CT4MD20x20x250K	20 x 20 x 250	17,94
CT4MD25x25x300P	CT4MD25x25x300K	25 x 25 x 300	27,25
CT4MD32x32x355P	CT4MD32x32x355K	32 x 32 x 355	47,96

CUCHILLAS PARA TORNO

Ref. **CT6MD****P-20****K-10****ISO
10****DIN
4975**CUCHILLAS RECTAS
PARA CILINDRAR**CT6MD**

P-20	K-10	h x b x L₁ mm	€
CT6MD16x10x110P	CT6MD16x10x110K	16 x 10 x 110	8,50
CT6MD20x12x125P	CT6MD20x12x125K	20 x 12 x 125	9,85
CT6MD25x16x140P	CT6MD25x16x140K	25 x 16 x 140	12,55
CT6MD32x20x355P	CT6MD32x20x355K	32 x 20 x 355	28,22

Ref. **CT9MD**
Ref. **CT9IMD****P-20****K-10****ISO
12****DIN
282**CUCHILLAS PARA TORNEADO
EXTERIOR**CT9MD / CT9IMD**

P-20		K-10		P-20		K-10		h x b x L₁ mm	€
CT9MD16x10x110P		CT9MD16x10x110K		CT9IMD16x10x110P		CT9IMD16x10x110K		16 x 10 x 110	10,31
CT9MD20x12x125P		CT9MD20x12x125K		CT9IMD20x12x125P		CT9IMD20x12x125K		20 x 12 x 125	12,09
CT9MD25x16x140P		CT9MD25x16x140K		CT9IMD25x16x140P		CT9IMD25x16x140K		25 x 16 x 140	15,73