

BLUE-MASTER®
by *celesa*



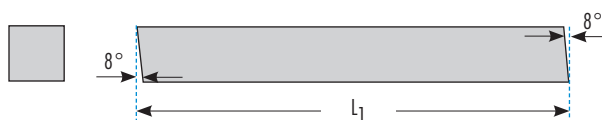
OUTILS
DE TOUR

BARREAUX AU COBALT


Réf. CT1

HSSCo
10%
DIN
4964
FORME
B
TOL
h14

CARRÉS



CT1									
∅ x L1 mm	€	∅ x L1 mm	€	∅ x L1 mm	€	∅ x L1 mm	€	∅ x L1 mm	€
4 x 4 x 80	11,38	6 x 6 x 100	16,51	8 x 8 x 200	46,72	12 x 12 x 100	45,27	16 x 16 x 125	121,81
4 x 4 x 100	17,95	6 x 6 x 125	20,48	10 x 10 x 63	23,00	12 x 12 x 125	63,59	16 x 16 x 160	133,35
4 x 4 x 150	23,88	6 x 6 x 160	26,61	10 x 10 x 80	28,73	12 x 12 x 160	73,57	16 x 16 x 200	154,19
4 x 4 x 200	33,99	6 x 6 x 200	33,06	10 x 10 x 100	36,29	12 x 12 x 200	94,37	18 x 18 x 160	152,14
5 x 5 x 80	15,68	8 x 8 x 63	15,68	10 x 10 x 125	48,88	14 x 14 x 100	60,01	18 x 18 x 200	181,68
5 x 5 x 100	22,02	8 x 8 x 80	18,33	10 x 10 x 160	60,58	14 x 14 x 125	72,94	20 x 20 x 160	207,01
5 x 5 x 150	30,90	8 x 8 x 100	23,00	10 x 10 x 200	72,60	14 x 14 x 160	98,11	20 x 20 x 200	234,16
5 x 5 x 200	42,22	8 x 8 x 125	34,16	12 x 12 x 63	30,90	14 x 14 x 200	105,23	25 x 25 x 160	330,26
6 x 6 x 80	14,52	8 x 8 x 160	36,65	12 x 12 x 80	40,95	16 x 16 x 100	77,98	25 x 25 x 200	333,54



Réf. CT2

HSSCo
10%
DIN
4964
FORME
A
TOL
h8

ROND



CT2									
∅ x L1 mm	€	∅ x L1 mm	€	∅ x L1 mm	€	∅ x L1 mm	€	∅ x L1 mm	€
3 x 100	9,45	6 x 63	10,45	8 x 100	18,99	10 x 100	27,11	14 x 200	112,91
4 x 63	7,98	6 x 80	13,51	8 x 125	30,11	10 x 160	50,67	16 x 125	64,17
4 x 80	9,80	6 x 100	16,58	8 x 160	30,38	10 x 200	62,57	16 x 160	88,07
4 x 100	15,56	6 x 160	24,02	8 x 200	34,52	12 x 80	28,98	16 x 200	112,91
4 x 150	19,52	6 x 200	26,60	9 x 100	29,12	12 x 100	28,39	18 x 160	169,99
5 x 63	7,98	7 x 100	25,56	9 x 150	48,88	12 x 125	48,92	18 x 200	217,76
5 x 80	11,76	7 x 150	34,31	9 x 200	57,90	12 x 160	73,21	20 x 160	197,14
5 x 100	17,42	7 x 200	31,33	10 x 63	19,24	12 x 200	80,96	20 x 200	219,36
5 x 150	21,94	8 x 63	11,96	10 x 80	22,11	14 x 160	88,07	25 x 200	497,19
5 x 200	27,73	8 x 80	15,96						

BARREAUX AU COBALT



Réf. CT3

HSSCo
10%

DIN
4964

FORME
D

TOL
h14

RECTANGULAIRES



CT3									
h x h1 x L1 mm	€	h x h1 x L1 mm	€	h x h1 x L1 mm	€	h x h1 x L1 mm	€	h x h1 x L1 mm	€
8 x 4 x 100	20,69	12 x 8 x 160	69,36	15 x 5 x 200	86,39	16 x 10 x 160	109,46	20 x 10 x 200	149,55
10 x 5 x 160	45,32	12 x 8 x 200	85,06	16 x 4 x 80	29,28	16 x 10 x 200	133,49	20 x 12 x 160	132,69
10 x 5 x 200	54,53	15 x 3 x 150	53,60	16 x 4 x 100	36,48	20 x 4 x 150	83,85	20 x 12 x 200	165,17
10 x 6 x 160	54,53	15 x 3 x 200	65,31	16 x 4 x 160	58,93	20 x 4 x 200	104,42	25 x 6 x 160	94,62
10 x 6 x 200	67,35	15 x 4 x 150	61,59	16 x 8 x 160	81,77	20 x 5 x 160	80,18	25 x 6 x 200	114,63
12 x 6 x 160	58,13	15 x 4 x 200	75,21	16 x 8 x 200	99,43	20 x 5 x 200	99,83	25 x 12 x 200	216,47
12 x 6 x 200	68,94	15 x 5 x 150	70,89	16 x 10 x 100	64,15	20 x 10 x 160	120,27		



Réf. CT4

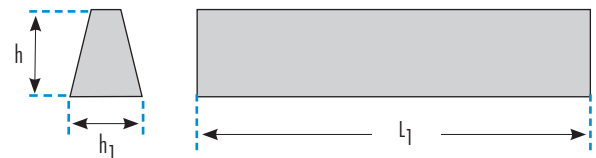
HSSCo
10%

DIN
4964

FORME
E

TOL
h12

TRAPÉZOÏDAUX



CT4			
h x h1 x L1 mm	€	h x h1 x L1 mm	€
12 x 3,0 x 160	38,93	19 x 3,50 x 125	58,01
13 x 2,5 x 100	42,66	20 x 5,00 x 160	82,43
15 x 2,5 x 100	46,35	20 x 5,00 x 200	113,89
16 x 4,0 x 160	65,54	25 x 6,00 x 160	100,29



Réf. CT5

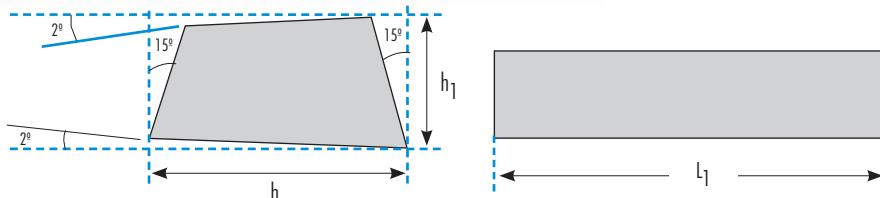
HSSCo
10%

DIN
4964

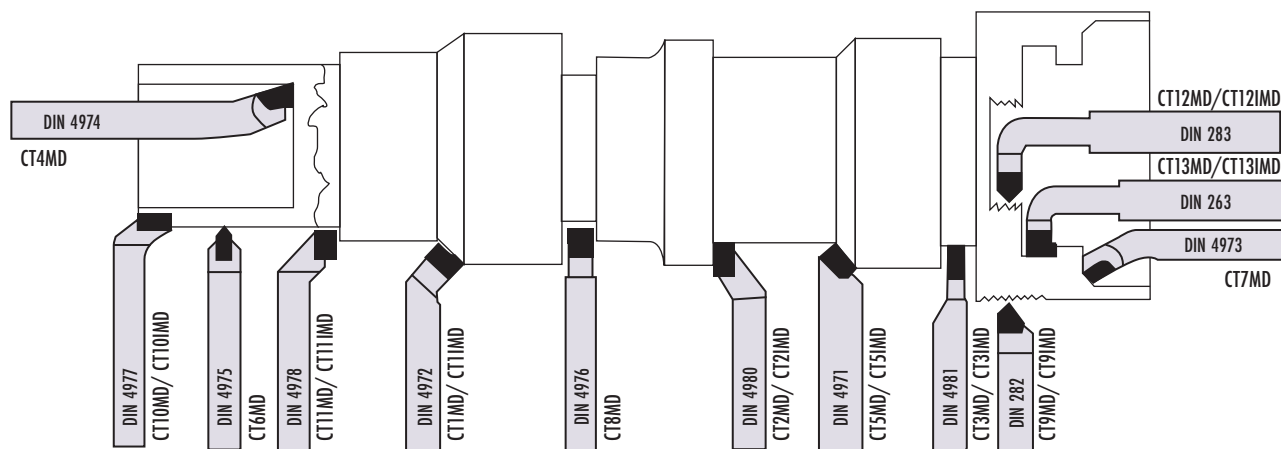
FORME
INDEX 1

TOL
h12

TRAPÉZOÏDAUX IRRÉGULIERS



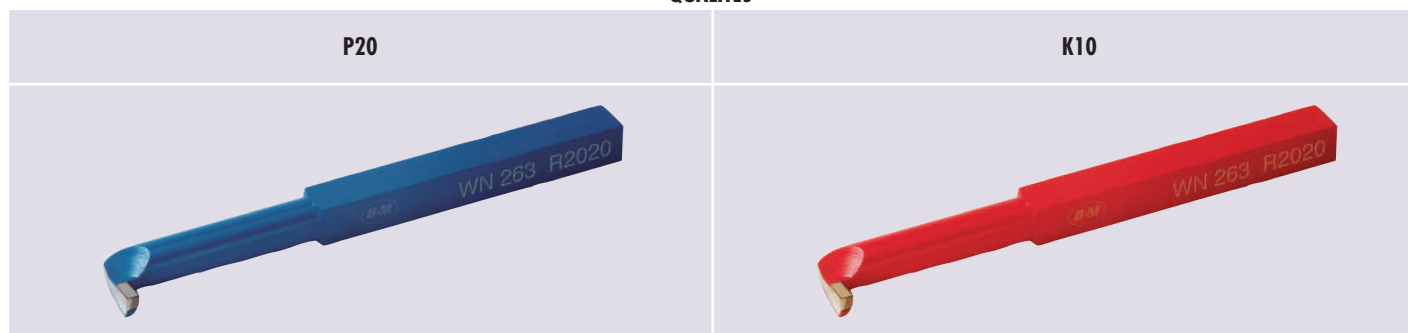
CT5	
h x h1 x L1 mm	€
13 x 2,5 x 100	46,48
15 x 2,5 x 100	50,53
19 x 3,5 x 125	63,25

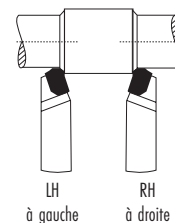
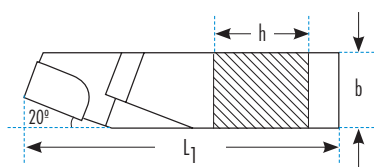
OUTILS DE TOUR PLAQUETTE CARBURE
RÉSUMÉ DES DIFFÉRENTES OPÉRATIONS


* Autres dimensions disponibles sur demande

APPLICATIONS

P20	Qualité recommandée pour les opérations de tournage de l'acier, l'acier fondu et la fonte malléable à copeaux longs. Haute résistance à l'usure.
K10	Qualité recommandée pour les opérations de tournage de la fonte grise, la fonte dure, l'acier trempé, la fonte malléable à copeaux courts, les alliages d'aluminium au silice, le bronze et le laiton.

QUALITÉS

 Réf. CT5MD
 Réf. CT5IMD

DIN
4971
P-20
K-10
ISO
1
OUTILS À CHARIOTER DROIT


P20		K10		h x b x L1 mm	€
USINAGE À DROITE	USINAGE À GAUCHE	USINAGE À DROITE	USINAGE À GAUCHE		
CT5MD10x10x90P	CT5IMD10x10x90P	CT5MD10x10x90K	CT5IMD10x10x90K	10 x 10 x 90	11,04
CT5MD12x12x100P	CT5IMD12x12x100P	CT5MD12x12x100K	CT5IMD12x12x100K	12 x 12 x 100	11,87
CT5MD16x16x110P	CT5IMD16x16x110P	CT5MD16x16x110K	CT5IMD16x16x110K	16 x 16 x 110	14,92
CT5MD20x20x125P	CT5IMD20x20x125P	CT5MD20x20x125K	CT5IMD20x20x125K	20 x 20 x 125	20,36
CT5MD25x25x140P	CT5IMD25x25x140P	CT5MD25x25x140K	CT5IMD25x25x140K	25 x 25 x 140	30,12

OUTILS DE TOUR PLAQUETTE CARBURE

Réf. CT1MD
Réf. CT1IMD

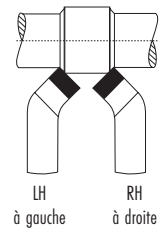
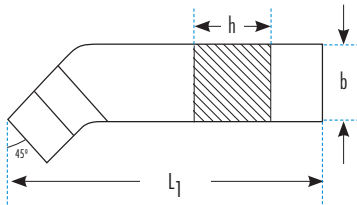
**DIN
4972**

P-20

K-10

**ISO
2**

OUTILS À CHARIOTER COUDÉ 45°



P20

K10

USINAGE À DROITE	USINAGE À GAUCHE	USINAGE À DROITE	USINAGE À GAUCHE	h x b x L1 mm	€
CT1MD12x12x100P	CT1IMD12x12x100P	CT1MD12x12x100K	CT1IMD12x12x100K	12 x 12 x 100	13,16
CT1MD16x16x110P	CT1IMD16x16x110P	CT1MD16x16x110K	CT1IMD16x16x110K	16 x 16 x 110	16,40
CT1MD20x20x125P	CT1IMD20x20x125P	CT1MD20x20x125K	CT1IMD20x20x125K	20 x 20 x 125	20,87
CT1MD25x25x140P	CT1IMD25x25x140P	CT1MD25x25x140K	CT1IMD25x25x140K	25 x 25 x 140	29,50

Réf. CT7MD

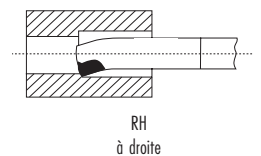
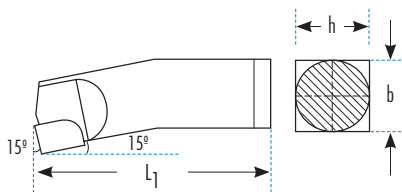
**DIN
4973**

P-20

K-10

**ISO
8**

OUTILS À ALÉSER



P20

K10

USINAGE À DROITE	USINAGE À DROITE	h x b x L1 mm	€
CT7MD8x8x125P	CT7MD8x8x125K	8 x 8 x 125	15,78
CT7MD10x10x125P	CT7MD10x10x125K	10 x 10 x 125	16,26
CT7MD12x12x180P	CT7MD12x12x180K	12 x 12 x 180	16,72
CT7MD16x16x210P	CT7MD16x16x210K	16 x 16 x 210	18,76
CT7MD20x20x250P	CT7MD20x20x250K	20 x 20 x 250	24,37
CT7MD25x25x300P	CT7MD25x25x300K	25 x 25 x 300	38,38

Réf. CT4MD

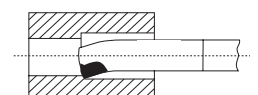
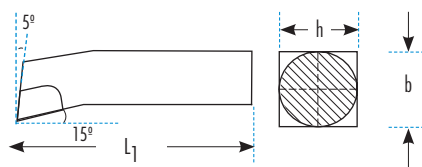
**DIN
4974**

P-20

K-10

**ISO
9**

OUTILS À ALÉSER / DRESSER



P20

K10

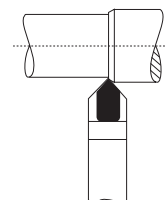
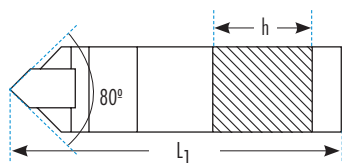
USINAGE À DROITE	USINAGE À DROITE	h x b x L1 mm	€
CT4MD8x8x125P	CT4MD8x8x125K	8 x 8 x 125	16,26
CT4MD10x10x150P	CT4MD10x10x150K	10 x 10 x 150	16,06
CT4MD12x12x180P	CT4MD12x12x180K	12 x 12 x 180	17,03
CT4MD16x16x210P	CT4MD16x16x210K	16 x 16 x 210	20,28
CT4MD20x20x250P	CT4MD20x20x250K	20 x 20 x 250	25,63
CT4MD25x25x300P	CT4MD25x25x300K	25 x 25 x 300	38,93
CT4MD32x32x355P	CT4MD32x32x355K	32 x 32 x 355	68,53

OUTILS DE TOUR PLAQUETTE CARBURE

Réf. CT6MD

DIN
4975
P-20
K-10
ISO
10

OUTILS DE FINITION



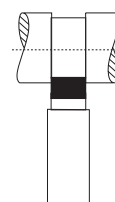
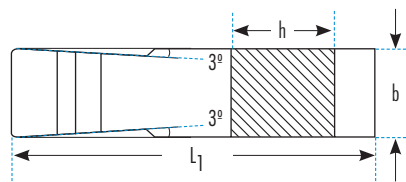
Droit

P20		K10		h x b x L1 mm	€
DROIT		DROIT			
CT6MD16x10x110P	CT6MD16x10x110K	16 x 10 x 110	12,16		
CT6MD20x12x125P	CT6MD20x12x125K	20 x 12 x 125	14,08		
CT6MD25x16x140P	CT6MD25x16x140K	25 x 16 x 140	17,94		
CT6MD32x20x170P	CT6MD32x20x170K	32 x 20 x 170	40,32		

Réf. CT8MD

DIN
4976
P-20
K-10
ISO
4

OUTILS PELLE



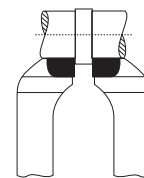
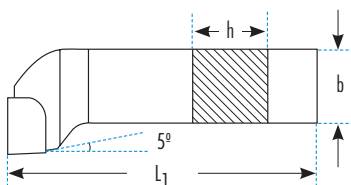
Droit

P20		K10		h x b x L1 mm	€
DROIT		DROIT			
CT8MD16x10x110P	CT8MD16x10x110K	16 x 10 x 110	14,60		
CT8MD20x12x125P	CT8MD20x12x125K	20 x 12 x 125	16,02		
CT8MD25x16x140P	CT8MD25x16x140K	25 x 16 x 140	22,58		
CT8MD32x20x170P	CT8MD32x20x170K	32 x 20 x 170	33,30		

 Réf. CT10MD
 Réf. CT10IMD

DIN
4977
P-20
K-10
ISO
5

OUTIL À DRESSER LES FACES


 LH
 à gauche

 RH
 à droite

P20		K10		h x b x L1 mm	€
USINAGE À DROITE	USINAGE À GAUCHE	USINAGE À DROITE	USINAGE À GAUCHE		
CT10MD10x10x90P	CT10IMD10x10x90P	CT10MD10x10x90K	CT10IMD10x10x90K	10 x 10 x 90	12,31
CT10MD12x12x100P	CT10IMD12x12x100P	CT10MD12x12x100K	CT10IMD12x12x100K	12 x 12 x 100	14,10
CT10MD16x16x110P	CT10IMD16x16x110P	CT10MD16x16x110K	CT10IMD16x16x110K	16 x 16 x 110	15,48
CT10MD20x20x125P	CT10IMD20x20x125P	CT10MD20x20x125K	CT10IMD20x20x125K	20 x 20 x 125	19,87
CT10MD25x25x140P	CT10IMD25x25x140P	CT10MD25x25x140K	CT10IMD25x25x140K	25 x 25 x 140	30,58

OUTILS DE TOUR PLAQUETTE CARBURE

Réf. CT11MD
Réf. CT111MD

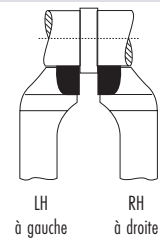
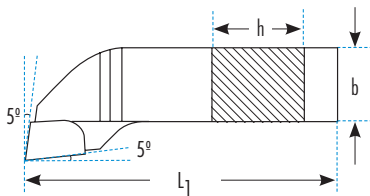
DIN
4978

P-20

K-10

ISO
3

OUTIL À FINIR D'ANGLE



P20

K10

USINAGE À DROITE	USINAGE À GAUCHE	USINAGE À DROITE	USINAGE À GAUCHE	h x b x L1 mm	€
CT11MD10x10x90P	CT11MD10x10x90P	CT11MD10x10x90K	CT11MD10x10x90K	10 x 10 x 90	13,50
CT11MD12x12x100P	CT11MD12x12x100P	CT11MD12x12x100K	CT11MD12x12x100K	12 x 12 x 100	15,90
CT11MD16x16x110P	CT11MD16x16x110P	CT11MD16x16x110K	CT11MD16x16x110K	16 x 16 x 110	17,68
CT11MD20x20x125P	CT11MD20x20x125P	CT11MD20x20x125K	CT11MD20x20x125K	20 x 20 x 125	26,21
CT11MD25x25x140P	CT11MD25x25x140P	CT11MD25x25x140K	CT11MD25x25x140K	25 x 25 x 140	43,30

Réf. CT2MD
Réf. CT21MD

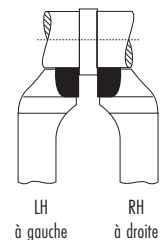
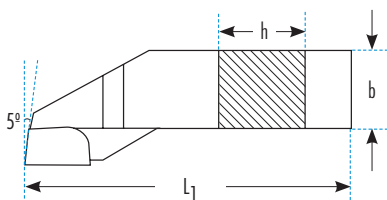
DIN
4980

P-20

K-10

ISO
6

OUTILS À COUTEAU DROIT



P20

K10

USINAGE À DROITE	USINAGE À GAUCHE	USINAGE À DROITE	USINAGE À GAUCHE	h x b x L1 mm	€
CT2MD10x10x90P	CT21MD10x10x90P	CT2MD10x10x90K	CT21MD10x10x90K	10 x 10 x 90	11,94
CT2MD12x12x100P	CT21MD12x12x100P	CT2MD12x12x100K	CT21MD12x12x100K	12 x 12 x 100	13,22
CT2MD16x16x110P	CT21MD16x16x110P	CT2MD16x16x110K	CT21MD16x16x110K	16 x 16 x 110	16,06
CT2MD20x20x125P	CT21MD20x20x125P	CT2MD20x20x125K	CT21MD20x20x125K	20 x 20 x 125	21,36
CT2MD25x25x140P	CT21MD25x25x140P	CT2MD25x25x140K	CT21MD25x25x140K	25 x 25 x 140	31,10

Réf. CT3MD
Réf. CT31MD

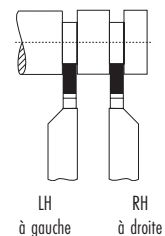
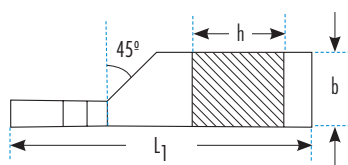
DIN
4981

P-20

K-10

ISO
7

OUTIL À SAIGNER



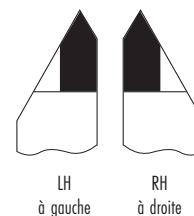
P20

K10

USINAGE À DROITE	USINAGE À GAUCHE	USINAGE À DROITE	USINAGE À GAUCHE	h x b x L1 mm	€
CT3MD12x08x100P	CT31MD12x08x100P	CT3MD12x08x100K	CT31MD12x08x100K	12 x 8 x 100 x 3	12,36
CT3MD16x10x110P	CT31MD16x10x110P	CT3MD16x10x110K	CT31MD16x10x110K	16 x 10 x 110 x 4	13,50
CT3MD20x12x125P	CT31MD20x12x125P	CT3MD20x12x125K	CT31MD20x12x125K	20 x 12 x 125 x 5	15,61
CT3MD25x16x140P	CT31MD25x16x140P	CT3MD25x16x140K	CT31MD25x16x140K	25 x 16 x 140 x 6	20,70

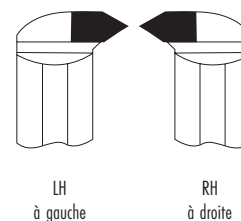
OUTILS DE TOUR PLAQUETTE CARBURE

 Réf. CT9MD
 Réf. CT9IMD

**DIN
282**
P-20
K-10
**ISO
12**
OUTIL À FILETER EXTÉRIEUR

P20
K10

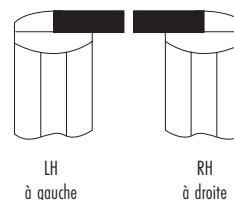
USINAGE À DROITE	USINAGE À GAUCHE	USINAGE À DROITE	USINAGE À GAUCHE	h x b x L1 mm	€
CT9MD16x10x120P	CT9IMD16x10x120P	CT9MD16x10x120K	CT9IMD16x10x120K	16 x 10 x 120	15,48
CT9MD20x12x140P	CT9IMD20x12x140P	CT9MD20x12x140K	CT9IMD20x12x140K	20 x 12 x 140	18,13
CT9MD25x16x160P	CT9IMD25x16x160P	CT9MD25x16x160K	CT9IMD25x16x160K	25 x 16 x 160	23,62

 Réf. CT12MD
 Réf. CT12IMD

**DIN
283**
P-20
K-10
**ISO
13**
OUTIL À FILETER INTÉRIEUR

P20
K10

USINAGE À DROITE	USINAGE À GAUCHE	USINAGE À DROITE	USINAGE À GAUCHE	h x b x L1 mm	€
CT12MD10x10x140P	CT12IMD10x10x140P	CT12MD10x10x140K	CT12IMD10x10x140K	10 x 10 x 140	25,31
CT12MD12x12x160P	CT12IMD12x12x160P	CT12MD12x12x160K	CT12IMD12x12x160K	12 x 12 x 160	25,75
CT12MD16x16x180P	CT12IMD16x16x180P	CT12MD16x16x180K	CT12IMD16x16x180K	16 x 16 x 180	33,84
CT12MD20x20x210P	CT12IMD20x20x210P	CT12MD20x20x210K	CT12IMD20x20x210K	20 x 20 x 210	40,19
CT12MD25x25x250P	CT12IMD25x25x250P	CT12MD25x25x250K	CT12IMD25x25x250K	25 x 25 x 250	56,98

 Réf. CT13MD
 Réf. CT13IMD

**DIN
263**
P-20
K-10
**ISO
11**
OUTIL À CHAMBRER

P20
K10

USINAGE À DROITE	USINAGE À GAUCHE	USINAGE À DROITE	USINAGE À GAUCHE	h x b x L1 mm	€
CT13MD12x12x160P	CT13IMD12x12x160P	CT13MD12x12x160K	CT13IMD12x12x160K	12 x 12 x 160	26,54
CT13MD16x16x180P	CT13IMD16x16x180P	CT13MD16x16x180K	CT13IMD16x16x180K	16 x 16 x 180	33,17
CT13MD20x20x210P	CT13IMD20x20x210P	CT13MD20x20x210K	CT13IMD20x20x210K	20 x 20 x 210	41,89
CT13MD25x25x250P	CT13IMD25x25x250P	CT13MD25x25x250K	CT13IMD25x25x250K	25 x 25 x 250	52,62