

# OUTILS DE TOUR

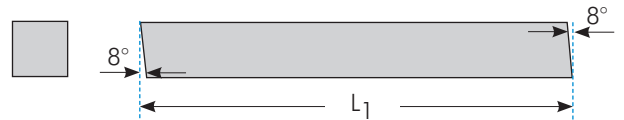


**BARREAUX AU COBALT**


Réf. CT1

**HSSCo  
10%**
**DIN  
4964**
**FORME  
B**
**TOL  
h14**

CARRÉS



CT1

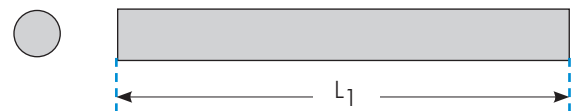
∅ x L <sub>1</sub> mm	€	∅ x L <sub>1</sub> mm	€	∅ x L <sub>1</sub> mm	€	∅ x L <sub>1</sub> mm	€	∅ x L <sub>1</sub> mm	€
4 x 4 x 80	6,50	6 x 6 x 100	10,30	8 x 8 x 200	29,13	12 x 12 x 100	28,22	16 x 16 x 125	75,95
4 x 4 x 100	10,26	6 x 6 x 125	12,77	10 x 10 x 63	14,34	12 x 12 x 125	39,65	16 x 16 x 160	83,15
4 x 4 x 150	14,89	6 x 6 x 160	16,59	10 x 10 x 80	17,92	12 x 12 x 160	45,87	16 x 16 x 200	96,14
4 x 4 x 200	21,19	6 x 6 x 200	20,61	10 x 10 x 100	22,63	12 x 12 x 200	58,84	18 x 18 x 160	94,86
5 x 5 x 80	8,96	8 x 8 x 63	8,96	10 x 10 x 125	30,48	14 x 14 x 100	37,42	18 x 18 x 200	113,28
5 x 5 x 100	13,73	8 x 8 x 80	11,43	10 x 10 x 160	37,77	14 x 14 x 125	45,48	20 x 20 x 160	129,07
5 x 5 x 150	19,27	8 x 8 x 100	14,34	10 x 10 x 200	45,27	14 x 14 x 160	61,18	20 x 20 x 200	146,00
5 x 5 x 200	26,32	8 x 8 x 125	21,30	12 x 12 x 63	19,27	14 x 14 x 200	65,61	25 x 25 x 160	205,93
6 x 6 x 80	8,30	8 x 8 x 160	22,85	12 x 12 x 80	25,54	16 x 16 x 100	48,62	25 x 25 x 200	228,77



Réf. CT2

**HSSCo  
10%**
**DIN  
4964**
**FORME  
A**
**TOL  
h8**

ROND



CT2

∅ x L <sub>1</sub> mm	€	∅ x L <sub>1</sub> mm	€	∅ x L <sub>1</sub> mm	€	∅ x L <sub>1</sub> mm	€	∅ x L <sub>1</sub> mm	€
3 x 100	6,48	6 x 63	5,97	8 x 100	13,03	10 x 100	18,59	14 x 200	77,44
4 x 63	5,47	6 x 80	7,72	8 x 125	20,65	10 x 160	34,75	16 x 125	44,01
4 x 80	6,72	6 x 100	9,48	8 x 160	20,83	10 x 200	42,92	16 x 160	60,41
4 x 100	8,90	6 x 160	13,73	8 x 200	23,68	12 x 80	19,88	16 x 200	77,44
4 x 150	13,39	6 x 200	16,58	9 x 100	19,97	12 x 100	19,47	18 x 160	116,59
5 x 63	5,47	7 x 100	14,61	9 x 150	33,53	12 x 125	33,56	18 x 200	149,35
5 x 80	6,72	7 x 150	19,61	9 x 200	39,71	12 x 160	50,21	20 x 160	135,21
5 x 100	11,94	7 x 200	21,49	10 x 63	13,19	12 x 200	55,53	20 x 200	150,45
5 x 150	15,05	8 x 63	8,20	10 x 80	15,17	14 x 160	60,41	25 x 200	341,01
5 x 200	19,02	8 x 80	10,94						

BARREAUX AU COBALT



Réf. CT3

HSSCo  
10%

DIN  
4964

FORME  
D

TOL  
h14

RECTANGULAIRES



CT3

$h \times h_1 \times L_1$ mm	€	$h \times h_1 \times L_1$ mm	€	$h \times h_1 \times L_1$ mm	€	$h \times h_1 \times L_1$ mm	€	$h \times h_1 \times L_1$ mm	€
8 x 4 x 100	11,82	12 x 8 x 160	47,57	15 x 5 x 200	59,25	16 x 10 x 160	75,07	20 x 10 x 200	102,57
10 x 5 x 160	31,08	12 x 8 x 200	58,34	16 x 4 x 80	20,08	16 x 10 x 200	91,56	20 x 12 x 160	91,01
10 x 5 x 200	37,40	15 x 3 x 150	36,76	16 x 4 x 100	25,02	20 x 4 x 150	57,51	20 x 12 x 200	113,29
10 x 6 x 160	37,40	15 x 3 x 200	44,80	16 x 4 x 160	40,42	20 x 4 x 200	71,62	25 x 6 x 160	64,90
10 x 6 x 200	46,19	15 x 4 x 150	42,24	16 x 8 x 160	56,08	20 x 5 x 160	54,99	25 x 6 x 200	78,62
12 x 6 x 160	39,87	15 x 4 x 200	51,58	16 x 8 x 200	68,19	20 x 5 x 200	68,47	25 x 12 x 200	148,47
12 x 6 x 200	47,29	15 x 5 x 150	48,62	16 x 10 x 100	44,00	20 x 10 x 160	82,49		



Réf. CT4

HSSCo  
10%

DIN  
4964

FORME  
E

TOL  
h12

TRAPÉZOÏDAUX



CT4

$h \times h_1 \times L_1$ mm	€	$h \times h_1 \times L_1$ mm	€
12 x 3,0 x 160	22,25	19 x 3,50 x 125	39,79
13 x 2,5 x 100	29,26	20 x 5,00 x 160	56,54
15 x 2,5 x 100	31,79	20 x 5,00 x 200	78,11
16 x 4,0 x 160	44,95	25 x 6,00 x 160	68,79



Réf. CT5

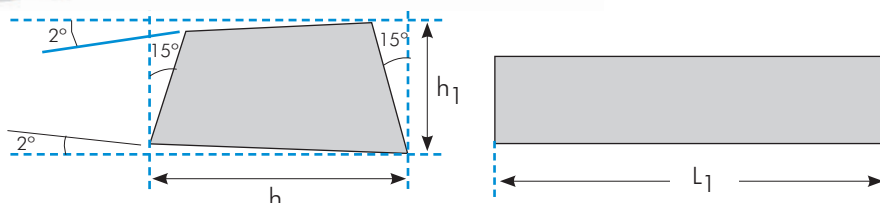
HSSCo  
10%

DIN  
4964

FORME  
INDEX 1

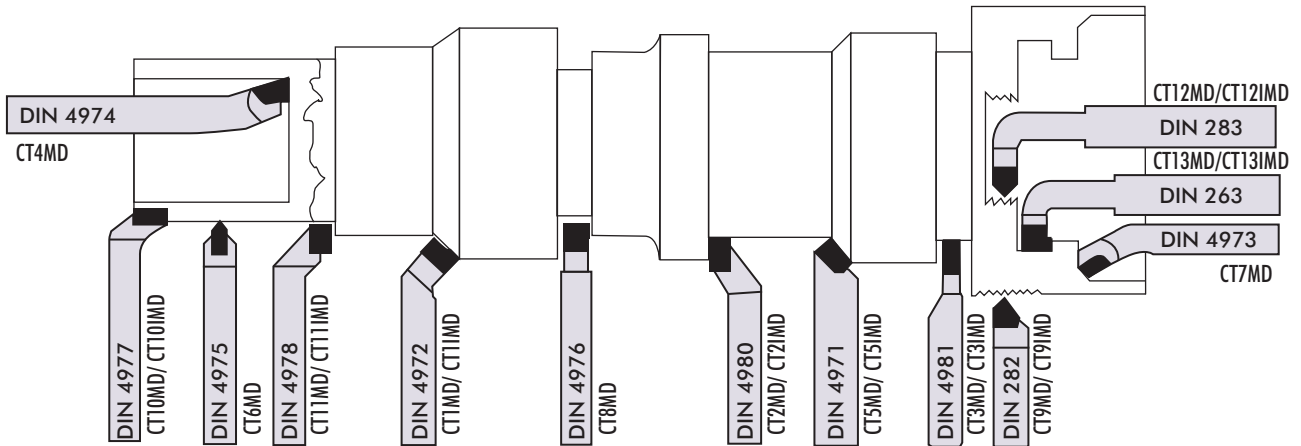
TOL  
h12

TRAPÉZOÏDAUX IRRÉGULIERS



CT5

$h \times h_1 \times L_1$ mm	€
13 x 2,5 x 100	31,88
15 x 2,5 x 100	34,66
19 x 3,5 x 125	43,38

**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

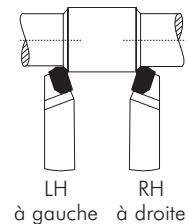
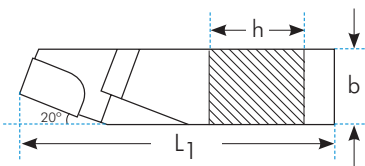
**DIN**  
**4971**

**P-20**

**K-10**

**ISO**  
**1**

OUTILS À CHARIOTER DROIT



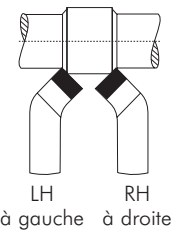
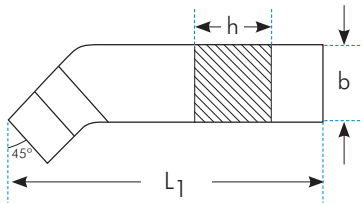
P20		K10		h x b x L1 mm	€
USINAGE À DROITE	USINAGE À GAUCHE	USINAGE À DROITE	USINAGE À GAUCHE		
CT5MD10x10x90P	CT5IMD10x10x90P	CT5MD10x10x90K	CT5IMD10x10x90K	10 x 10 x 90	8,52
CT5MD12x12x100P	CT5IMD12x12x100P	CT5MD12x12x100K	CT5IMD12x12x100K	12 x 12 x 100	9,16
CT5MD16x16x110P	CT5IMD16x16x110P	CT5MD16x16x110K	CT5IMD16x16x110K	16 x 16 x 110	11,51
CT5MD20x20x125P	CT5IMD20x20x125P	CT5MD20x20x125K	CT5IMD20x20x125K	20 x 20 x 125	15,71
CT5MD25x25x140P	CT5IMD25x25x140P	CT5MD25x25x140K	CT5IMD25x25x140K	25 x 25 x 140	23,24

**OUTILS DE TOUR PLAQUETTE CARBURE**

Réf. CT1MD  
Réf. CT11MD

**DIN 4972**   **P-20**   **K-10**   **ISO 2**

**OUTILS À CHARIOTER COUDÉ 45°**

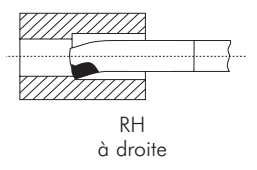
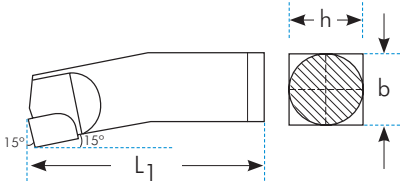


P20		K10		h x b x L1 mm	€
USINAGE À DROITE	USINAGE À GAUCHE	USINAGE À DROITE	USINAGE À GAUCHE		
CT1MD12x12x100P	CT11MD12x12x100P	CT1MD12x12x100K	CT11MD12x12x100K	12 x 12 x 100	10,16
CT1MD16x16x110P	CT11MD16x16x110P	CT1MD16x16x110K	CT11MD16x16x110K	16 x 16 x 110	12,66
CT1MD20x20x125P	CT11MD20x20x125P	CT1MD20x20x125K	CT11MD20x20x125K	20 x 20 x 125	16,10
CT1MD25x25x140P	CT11MD25x25x140P	CT1MD25x25x140K	CT11MD25x25x140K	25 x 25 x 140	22,76

Réf. CT7MD

**DIN 4973**   **P-20**   **K-10**   **ISO 8**

**OUTILS À ALÉSER**

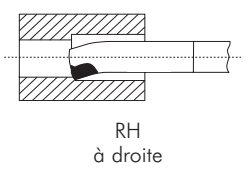
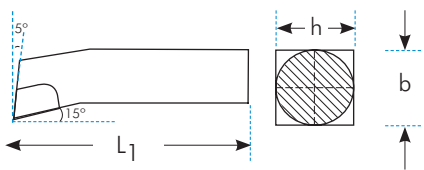


P20		K10		h x b x L1 mm	€
USINAGE À DROITE	USINAGE À DROITE	USINAGE À DROITE	USINAGE À DROITE		
CT7MD8x8x125P	CT7MD8x8x125K	CT7MD8x8x125K	CT7MD8x8x125K	8 x 8 x 125	12,18
CT7MD10x10x125P	CT7MD10x10x125K	CT7MD10x10x125K	CT7MD10x10x125K	10 x 10 x 125	12,55
CT7MD12x12x180P	CT7MD12x12x180K	CT7MD12x12x180K	CT7MD12x12x180K	12 x 12 x 180	12,90
CT7MD16x16x210P	CT7MD16x16x210K	CT7MD16x16x210K	CT7MD16x16x210K	16 x 16 x 210	14,47
CT7MD20x20x250P	CT7MD20x20x250K	CT7MD20x20x250K	CT7MD20x20x250K	20 x 20 x 250	18,81
CT7MD25x25x300P	CT7MD25x25x300K	CT7MD25x25x300K	CT7MD25x25x300K	25 x 25 x 300	29,61

Réf. CT4MD

**DIN 4974**   **P-20**   **K-10**   **ISO 9**

**OUTILS À ALÉSER / DRESSER**



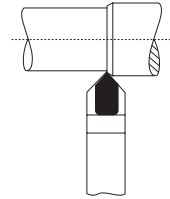
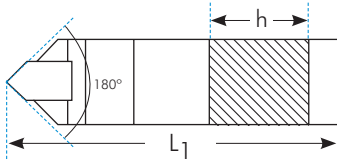
P20		K10		h x b x L1 mm	€
USINAGE À DROITE	USINAGE À DROITE	USINAGE À DROITE	USINAGE À DROITE		
CT4MD8x8x125P	CT4MD8x8x125K	CT4MD8x8x125K	CT4MD8x8x125K	8 x 8 x 125	12,55
CT4MD10x10x150P	CT4MD10x10x150K	CT4MD10x10x150K	CT4MD10x10x150K	10 x 10 x 150	12,39
CT4MD12x12x180P	CT4MD12x12x180K	CT4MD12x12x180K	CT4MD12x12x180K	12 x 12 x 180	13,14
CT4MD16x16x210P	CT4MD16x16x210K	CT4MD16x16x210K	CT4MD16x16x210K	16 x 16 x 210	15,65
CT4MD20x20x250P	CT4MD20x20x250K	CT4MD20x20x250K	CT4MD20x20x250K	20 x 20 x 250	19,78
CT4MD25x25x300P	CT4MD25x25x300K	CT4MD25x25x300K	CT4MD25x25x300K	25 x 25 x 300	30,04
CT4MD32x32x355P	CT4MD32x32x355K	CT4MD32x32x355K	CT4MD32x32x355K	32 x 32 x 355	52,88

**OUTILS DE TOUR PLAQUETTE CARBURE**

Réf. CT6MD

**DIN**  
**4975**
**P-20**
**K-10**
**ISO**  
**10**

OUTILS DE FINITION



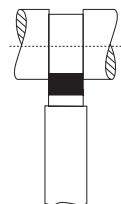
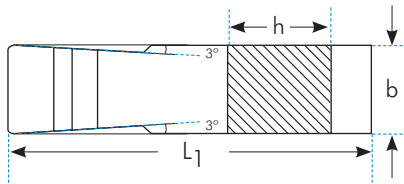
Droit

P20		K10		h x b x L1 mm	€
DROIT	DROIT	DROIT	DROIT		
CT6MD16x10x110P	CT6MD16x10x110K	16 x 10 x 110	9,38		
CT6MD20x12x125P	CT6MD20x12x125K	20 x 12 x 125	10,86		
CT6MD25x16x140P	CT6MD25x16x140K	25 x 16 x 140	13,84		
CT6MD32x20x170P	CT6MD32x20x170K	32 x 20 x 170	31,11		

Réf. CT8MD

**DIN**  
**4976**
**P-20**
**K-10**
**ISO**  
**4**

OUTILS PELLE



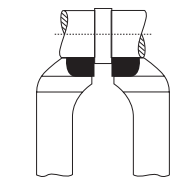
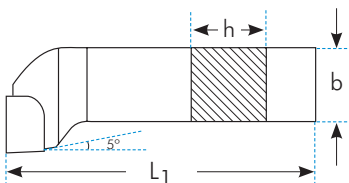
Droit

P20		K10		h x b x L1 mm	€
DROIT	DROIT	DROIT	DROIT		
CT8MD16x10x110P	CT8MD16x10x110K	16 x 10 x 110	11,27		
CT8MD20x12x125P	CT8MD20x12x125K	20 x 12 x 125	12,36		
CT8MD25x16x140P	CT8MD25x16x140K	25 x 16 x 140	17,43		
CT8MD32x20x170P	CT8MD32x20x170K	32 x 20 x 170	25,69		

 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	9,50
CT10MD12x12x100P	CT10IMD12x12x100P	CT10MD12x12x100K	CT10IMD12x12x100K	12 x 12 x 100	10,88
CT10MD16x16x110P	CT10IMD16x16x110P	CT10MD16x16x110K	CT10IMD16x16x110K	16 x 16 x 110	11,95
CT10MD20x20x125P	CT10IMD20x20x125P	CT10MD20x20x125K	CT10IMD20x20x125K	20 x 20 x 125	15,33
CT10MD25x25x140P	CT10IMD25x25x140P	CT10MD25x25x140K	CT10IMD25x25x140K	25 x 25 x 140	23,59



**OUTILS DE TOUR PLAQUETTE CARBURE**

Réf. CT11MD  
Réf. CT11MD

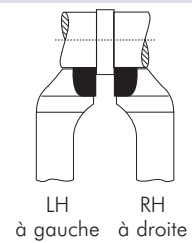
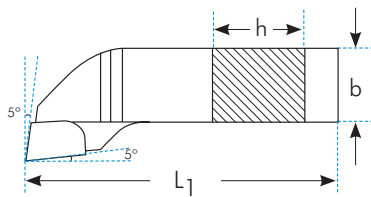
**DIN**  
**4978**

**P-20**

**K-10**

**ISO**  
**3**

**OUTIL À FINIR D'ANGLE**



P20		K10		h x b x L1 mm	€
USINAGE À DROITE	USINAGE À GAUCHE	USINAGE À DROITE	USINAGE À GAUCHE		
CT11MD10x10x90P	CT11MD10x10x90P	CT11MD10x10x90K	CT11MD10x10x90K	10 x 10 x 90	10,42
CT11MD12x12x100P	CT11MD12x12x100P	CT11MD12x12x100K	CT11MD12x12x100K	12 x 12 x 100	12,26
CT11MD16x16x110P	CT11MD16x16x110P	CT11MD16x16x110K	CT11MD16x16x110K	16 x 16 x 110	13,64
CT11MD20x20x125P	CT11MD20x20x125P	CT11MD20x20x125K	CT11MD20x20x125K	20 x 20 x 125	20,22
CT11MD25x25x140P	CT11MD25x25x140P	CT11MD25x25x140K	CT11MD25x25x140K	25 x 25 x 140	33,41

Réf. CT2MD  
Réf. CT2MD

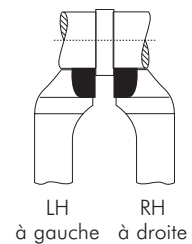
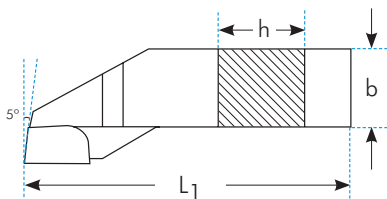
**DIN**  
**4980**

**P-20**

**K-10**

**ISO**  
**6**

**OUTILS À COUPEAU DROIT**



P20		K10		h x b x L1 mm	€
USINAGE À DROITE	USINAGE À GAUCHE	USINAGE À DROITE	USINAGE À GAUCHE		
CT2MD10x10x90P	CT2MD10x10x90P	CT2MD10x10x90K	CT2MD10x10x90K	10 x 10 x 90	9,21
CT2MD12x12x100P	CT2MD12x12x100P	CT2MD12x12x100K	CT2MD12x12x100K	12 x 12 x 100	10,21
CT2MD16x16x110P	CT2MD16x16x110P	CT2MD16x16x110K	CT2MD16x16x110K	16 x 16 x 110	12,39
CT2MD20x20x125P	CT2MD20x20x125P	CT2MD20x20x125K	CT2MD20x20x125K	20 x 20 x 125	16,49
CT2MD25x25x140P	CT2MD25x25x140P	CT2MD25x25x140K	CT2MD25x25x140K	25 x 25 x 140	24,00

Réf. CT3MD  
Réf. CT3MD

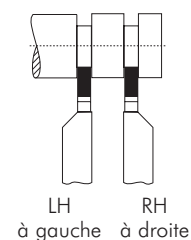
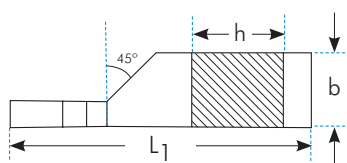
**DIN**  
**4981**

**P-20**

**K-10**

**ISO**  
**7**

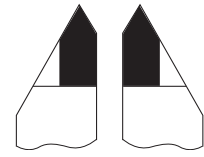
**OUTIL À SAIGNER**



P20		K10		h x b x L1 mm	€
USINAGE À DROITE	USINAGE À GAUCHE	USINAGE À DROITE	USINAGE À GAUCHE		
CT3MD12x08x100P	CT3MD12x08x100P	CT3MD12x08x100K	CT3MD12x08x100K	12 x 8 x 100 x 3	9,53
CT3MD16x10x110P	CT3MD16x10x110P	CT3MD16x10x110K	CT3MD16x10x110K	16 x 10 x 110 x 4	10,42
CT3MD20x12x125P	CT3MD20x12x125P	CT3MD20x12x125K	CT3MD20x12x125K	20 x 12 x 125 x 5	12,04
CT3MD25x16x140P	CT3MD25x16x140P	CT3MD25x16x140K	CT3MD25x16x140K	25 x 16 x 140 x 6	15,97

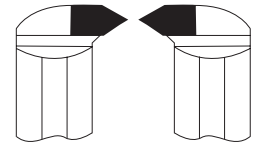
**OUTILS DE TOUR PLAQUETTE CARBURE**

 Réf. CT9MD  
 Réf. CT9IMD

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

 LH  
à gauche
   
 RH  
à droite

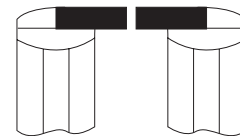
P20		K10		h x b x L <sub>1</sub> mm	€
USINAGE À DROITE	USINAGE À GAUCHE	USINAGE À DROITE	USINAGE À GAUCHE		
CT9MD16x10x120P	CT9IMD16x10x120P	CT9MD16x10x120K	CT9IMD16x10x120K	16 x 10 x 120	11,94
CT9MD20x12x140P	CT9IMD20x12x140P	CT9MD20x12x140K	CT9IMD20x12x140K	20 x 12 x 140	13,99
CT9MD25x16x160P	CT9IMD25x16x160P	CT9MD25x16x160K	CT9IMD25x16x160K	25 x 16 x 160	18,22

 Réf. CT12MD  
 Réf. CT12IMD

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

 LH  
à gauche
   
 RH  
à droite

P20		K10		h x b x L <sub>1</sub> mm	€
USINAGE À DROITE	USINAGE À GAUCHE	USINAGE À DROITE	USINAGE À GAUCHE		
CT12MD10x10x140P	CT12IMD10x10x140P	CT12MD10x10x140K	CT12IMD10x10x140K	10 x 10 x 140	19,53
CT12MD12x12x160P	CT12IMD12x12x160P	CT12MD12x12x160K	CT12IMD12x12x160K	12 x 12 x 160	19,87
CT12MD16x16x180P	CT12IMD16x16x180P	CT12MD16x16x180K	CT12IMD16x16x180K	16 x 16 x 180	26,11
CT12MD20x20x210P	CT12IMD20x20x210P	CT12MD20x20x210K	CT12IMD20x20x210K	20 x 20 x 210	31,01
CT12MD25x25x250P	CT12IMD25x25x250P	CT12MD25x25x250K	CT12IMD25x25x250K	25 x 25 x 250	43,96

 Réf. CT13MD  
 Réf. CT13IMD

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

 LH  
à gauche
   
 RH  
à droite

P20		K10		h x b x L <sub>1</sub> mm	€
USINAGE À DROITE	USINAGE À GAUCHE	USINAGE À DROITE	USINAGE À GAUCHE		
CT13MD12x12x160P	CT13IMD12x12x160P	CT13MD12x12x160K	CT13IMD12x12x160K	12 x 12 x 160	20,48
CT13MD16x16x180P	CT13IMD16x16x180P	CT13MD16x16x180K	CT13IMD16x16x180K	16 x 16 x 180	25,59
CT13MD20x20x210P	CT13IMD20x20x210P	CT13MD20x20x210K	CT13IMD20x20x210K	20 x 20 x 210	32,32
CT13MD25x25x250P	CT13IMD25x25x250P	CT13MD25x25x250K	CT13IMD25x25x250K	25 x 25 x 250	40,60

Dimensions de la plaquette: 4x4x10