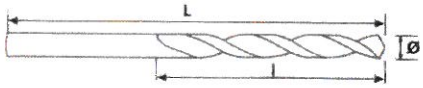
TIVOLY

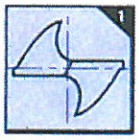
PERÇAGE

5020014 Standard



HSS

BASE
DIN338



Applications

A

Métaux faiblement résistants
Low resistant metals

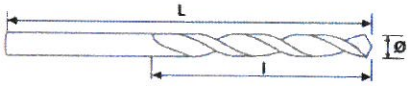
Code 5020014...	Ø	L	l	x	x	REF
...0100	1	34	12	2	6	
...0150	1,5	40	18	2	6	
...0200	2	49	24	2	6	914.205
...0250	2,5	57	30	2	6	914.10
...0300	3	61	33	2	6	914.11
...0330	3,3	65	36	2	6	
...0350	3,5	70	39	2	6	914.12
...0400	4	75	43	2	6	914.13
...0420	4,2	75	43	2	6	
...0450	4,5	80	47	2	6	914.206
...0500	5	86	52	2	6	914.207
...0550	5,5	93	57	1	6	914.208
...0600	6	93	57	1	6	914.209
...0650	6,5	101	63	1	6	

Code 5020014...	Ø	L	l	x	x	REF
...0700	7	109	69	1	6	
...0750	7,5	109	69	1	6	
...0800	8	117	75	1	6	914.210
...0850	8,5	117	75	1	6	
...0900	9	125	81	1	6	
...0950	9,5	125	81	1	6	
...1000	10	133	87	1	6	914.25
...1050	10,5	133	87	1	1	
...1100	11	142	94	1	1	
...1150	11,5	142	94	1	1	
...1200	12	151	101	1	1	
...1250	12,5	151	101	1	1	
...1300	13	151	101	1	1	

TIVOLY

PERÇAGE

1143674 Autocentrant TX



HSS

DIN 338

Applications

B

Métaux résistants
Resistant metals

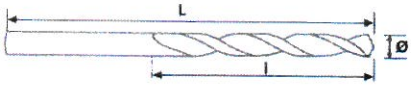
Code 1143674...	Ø	L	l	x	x	REF
...0100	1	34	12	2	6	
...0150	1,5	40	18	2	6	
...0200	2	49	24	2	6	914.211
...0220	2,2	53	27	2	6	
...0250	2,5	57	30	2	6	914.212
...0280	2,8	61	33	2	6	
...0300	3	61	33	2	6	914.213
...0320	3,2	65	36	2	6	
...0350	3,5	70	39	2	6	914.214
...0380	3,8	75	43	2	6	
...0400	4	75	43	2	6	914.215
...0420	4,2	75	43	2	6	
...0450	4,5	80	47	2	6	914.216
...0480	4,8	86	52	2	6	
...0500	5	86	52	2	6	914.217
...0520	5,2	86	52	1	6	
...0550	5,5	93	57	1	6	
...0580	5,8	93	57	1	6	

Code 1143674...	Ø	L	l	x	x	REF
...0600	6	93	57	1	6	914.218
...0620	6,2	101	63	1	6	
...0650	6,5	101	63	1	6	
...0680	6,8	109	69	1	6	
...0700	7	109	69	1	6	
...0750	7,5	109	69	1	3	
...0800	8	117	75	1	3	914.219
...0850	8,5	117	75	1	3	
...0900	9	125	81	1	3	
...0950	9,5	125	81	1	3	
...1000	10	133	87	1	3	914.220
...1020	10,2	133	87	1	1	
...1050	10,5	133	87	1	1	
...1100	11	142	94	1	1	
...1150	11,5	142	94	1	1	
...1200	12	151	101	1	1	914.221
...1250	12,5	151	101	1	1	
...1300	13	151	101	1	1	914.222

TIVOLY

PERÇAGE

1143844* Cobalt T2X



HSS E5

DIN338

Applications

C Métaux très résistants
High resistant metals

Code 1143844...	Ø	L	l	x	x	REF
...0100	1	34	12	1	3	
...0150	1,5	40	18	1	3	
...0200	2	49	24	1	3	914.5
...0250	2,5	57	30	1	3	914.35
...0300	3	61	33	1	3	
...0320	3,2	65	36	1	3	
...0350	3,5	70	39	1	3	
...0400	4	75	43	1	3	
...0420	4,2	75	43	1	3	
...0450	4,5	80	47	1	3	
...0500	5	86	52	1	3	
...0520	5,2	86	52	1	3	
...0550	5,5	93	57	1	3	
...0600	6	93	57	1	3	

Code 1143844...	Ø	L	l	x	x	REF
...0650	6,5	101	63	1	3	
...0700	7	109	69	1	1	
...0750	7,5	109	69	1	1	
...0800	8	117	75	1	1	
...0850	8,5	117	75	1	1	
...0900	9	125	81	1	1	
...0950	9,5	125	81	1	1	
...1000	10	133	87	1	1	
...1050	10,5	133	87	1	1	
..1100	11	142	94	1	1	
..1100	11,5	142	94	1	1	
..1200	12	151	101	1	1	
..1250	12,5	151	101	1	1	
..1300	13	151	101	1	1	

	REF	
COFFRET 10 FORET de 1 à 10 mm	914.41	1

TIVOLY

PERÇAGE

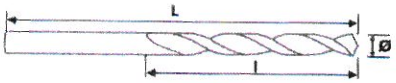
1146844 Cobalt T2X gradué SLR

New

HSS E5

DIN338

SLR®



Applications

C

Métaux très résistants
High resistant metals

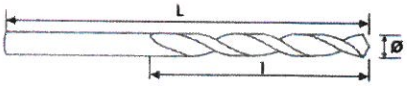
Code 1146844...	Ø	L	l	x	x	REF
...0300	3	61	33	1	3	914.37
...0320	3,2	65	36	1	3	
...0350	3,5	70	39	1	3	914.40
...0400	4	75	43	1	3	914.32
...0420	4,2	75	43	1	3	914.34
...0450	4,5	80	47	1	3	914.223
...0500	5	86	52	1	3	914.224
...0520	5,2	86	52	1	1	
...0550	5,5	93	57	1	3	914.225
...0600	6	93	57	1	3	914.226
...0650	6,5	101	63	1	3	
...0700	7	109	69	1	1	

Code 1146844...	Ø	L	l	x	x	REF
...0750	7,5	109	69	1	1	
...0800	8	117	75	1	1	914.227
...0850	8,5	117	75	1	1	
...0900	9	125	81	1	1	
...0950	9,5	125	81	1	1	
...1000	10	133	87	1	1	914.228
...1050	10,5	133	87	1	1	
...1100	11	142	94	1	1	
...1150	11,5	142	94	1	1	
...1200	12	151	101	1	1	
...1250	12,5	151	101	1	1	
...1300	13	151	101	1	1	

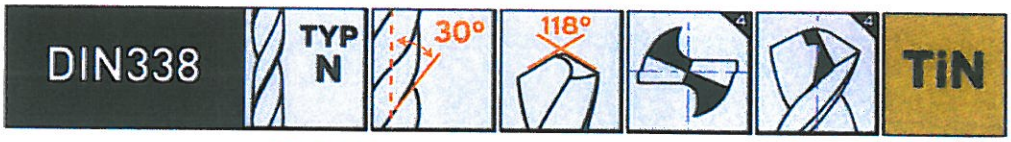
TIVOLY

PERÇAGE

1143734 Titane TTX



HSS

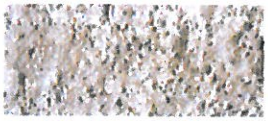


Applications

Métaux résistants
Resistant metals

Code 1143734...	Ø	L	l	x	x	REF
...0200	2	49	24	1	3	914.229
...0250	2,5	57	30	1	3	914.230
...0300	3	61	33	1	3	914.231
...0320	3,2	65	36	1	3	
...0350	3,5	70	39	1	3	914.232
...0400	4	75	43	1	3	914.233
...0420	4,2	75	43	1	3	
...0450	4,5	75	43	1	3	914.234

Code 1143734...	Ø	L	l	x	x	REF
...0500	5	86	52	1	3	914.235
...0520	5,2	86	52	1	3	914.236
...0550	5,5	93	57	1	3	
...0600	6	93	57	1	3	
...0700	7	109	69	1	1	
...0800	8	117	75	1	1	914.237
...1000	10	133	87	1	1	

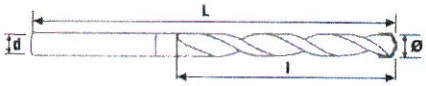


TIVOLY

PERÇAGE

1090113 /1090123 / 1090133

SDS+ Lg. 160 / 210 / 260 mm

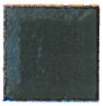


CARB-HM **Speeder**

BASE DIN8035

SDS plus

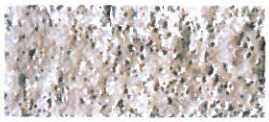
Applications



Béton
Masonry

Brique
Brick

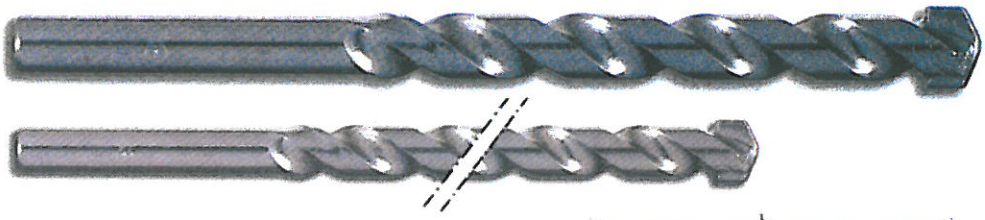
Code	Ø	L	l	—	x	x	REF
1090113...							**Lg 160**
...0500	5	160	100	1	1		
...0600	6	160	100	1	1		914.62
...0700	7	160	100	1	1		
...0800	8	160	100	1	1		914.63
...1000	10	160	100	1	1		914.64
...1100	11	160	100	1	1		
...1200	12	160	100	1	1		914.65
...1300	13	160	100	1	1		
...1400	14	160	100	1	1		914.66
...1500	15	160	100	1	1		
...1600	16	160	100	1	1		914.67
1090123...							**Lg 210**
...0600	6	210	150	1	1		914.57
...0800	8	210	150	1	1		914.58
...1000	10	210	150	1	1		914.59
...1200	12	210	150	1	1		914.60
...1400	14	210	150	1	1		914.77
...1500	15	210	150	1	1		
...1600	16	210	150	1	1		914.79
...1800	18	210	150	1	1		
...2000	20	210	150	1	1		
1090133...							**Lg 260**
...0800	8	260	200	1	1		914.68
...1000	10	260	200	1	1		914.69
...1200	12	260	200	1	1		914.70
...1400	14	260	200	1	1		914.71
...1500	15	260	200	1	1		914.72
...1600	16	260	200	1	1		914.73
...1800	18	250	200	1	1		
...2000	20	300	250	1	1		

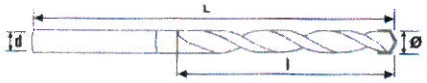


TIVOLY

5090014 Standard
5090044 Série longue Lg. 200 mm

PERÇAGE

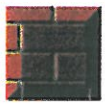




CARB-HM

BASE ISO 5468

Applications

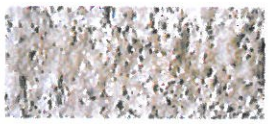


Brique
Brick

Code 5090014...	Ø	L	l	x	x	REF
...0300	3	60	30	2	6	
...0400	4	75	40	2	6	
...0500	5	85	50	2	6	
...0600	6	100	60	1	6	914.44
...0700	7	100	60	1	6	
...0800	8	120	80	1	6	914.45
...0900	9	120	80	1	6	
...1000	10	120	80	1	6	914.46

Code 5090014...	Ø	L	l	x	x	REF
...1100	11	150	90	1	1	
...1200	12	150	90	1	1	914.47
...1300	13	150	90	1	1	914.238
...1400	14	150	90	1	1	914.48
...1500	15	150	90	1	1	
...1600	16	150	90	1	1	
...1800	18	160	95	1	1	
...2000	20	160	95	1	1	

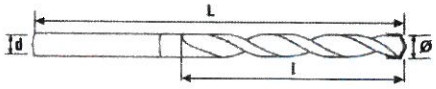
5090044...						Lg 200
...0600	6	200	150	1	1	914.51
...0800	8	200	150	1	1	914.52
...1000	10	200	150	1	1	914.53
...1200	12	200	150	1	1	914.54
...1400	14	200	150	1	1	
...1600	16	200	150	1	1	



TIVOLY

PERÇAGE

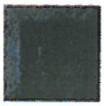
5090024 PRO



CARB-HM

BASE DIN8039

Applications



Béton
Masonry

Brique
Brick

Code 1090024...	Ø	L	l	x	x	REF
...0300	3	70	40	2	6	
...0400	4	75	40	2	6	
...0500	5	85	50	2	6	914.239
...0600	6	100	60	1	6	914.240
...0700	7	100	60	1	6	
...0800	8	120	80	1	6	914.241
...0900	9	120	80	1	6	
...1000	10	120	80	1	6	914.242

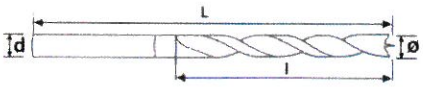
Code 1090024...	Ø	L	l	x	x	REF
...1100	11	150	90	1	1	
...1200	12	150	90	1	1	914.243
...1300	13	150	90	1	1	
...1400	14	150	90	1	1	914.244
...1500	15	160	100	1	1	
...1600	16	160	100	1	1	914.245
...1800	18	160	100	1	1	
...2000	20	160	100	1	1	

PERÇAGE

1080044 / 1080054 / 1080064

3 pointes - séries longues

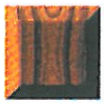
Lg 200 / Lg 250 / Lg 300



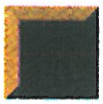
AT

Tivoly Norm

Applications



Bois massif
Solid wood

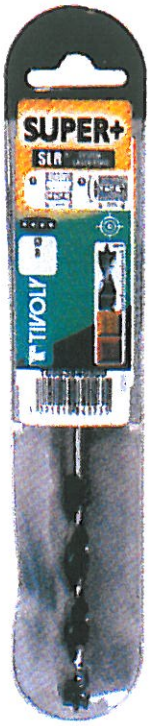


Bois artificiel
Composit wood

Code	Ø	L	l	x	x	REF	Code	Ø	L	l	x	x	REF
1080044...							**Lg 200**						
...0600	6	200	150	1	1	914.81	...0800	8	200	150	1	1	914.82
1080054...							**Lg 250**						
...1000	10	250	200	1	1	914.83	...1200	12	250	200	1	1	914.84
1080064...							**Lg 300**						
...1400	14	300	250	1	1	914.86	...1600	16	300	250	1	1	

TIVOLY

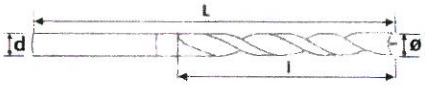
PERÇAGE



1086384

3 pointes industrie gradué SLR®

New

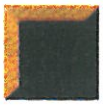


AT **SLR®**

Tivoly Norm

Applications

Bois massif
Solid wood

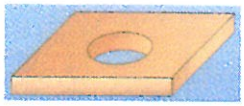


Bois artificiel
Composit wood

Code 1086384...	Ø	L	l	x	x	REF
...0300	3	61	33	1	6	914.246
...0400	4	75	43	1	6	914.247
...0500	5	86	52	1	6	914.248
...0600	6	93	57	1	6	914.249
...0700	7	109	69	1	6	
...0800	8	117	75	1	6	914.250
...0900	9	125	81	1	6	
...1000	10	133	87	1	6	914.251

Code 1086384...	Ø	L	l	x	x	REF
...1100	11	142	94	1	1	
...1200	12	151	101	1	1	914.252
...1300	13	151	101	1	1	
...1400	14	160	108	1	1	
...1500	15	169	114	1	1	
...1600	16	178	120	1	1	
...1800	18	191	130	1	1	
...2000	20	205	140	1	1	

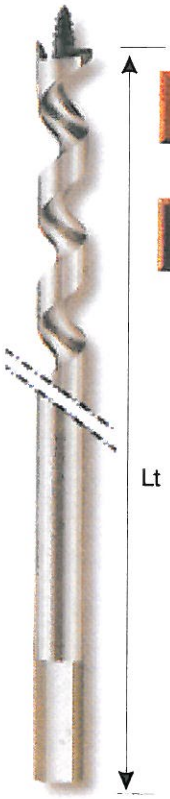
MECHE A BOIS



TIVOLY

MECHE A BOIS HELICOÏDALE POUR CHARPENTE - HSS - QUEUE 6 PANS

Mêche à hélice, en cône pour une meilleure évacuation des copeaux, avec pointe de centrage à vis pour avance automatique et traceur latéral pour une amorce propre.



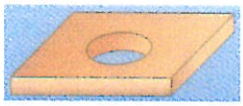
AT

Tivoly Norm

Bois massif

Bois artificiel

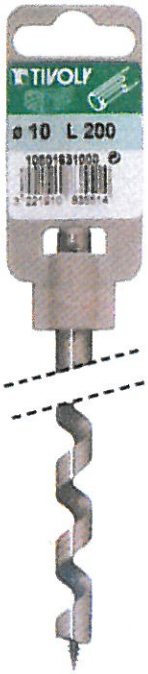
Diamètre	Lt 200	Lt 450	Lt 600	
	REF			
6	914.164			1
8	914.94			1
9	914.158			1
10	914.95	914.119		1
12	914.96	914.120	914.130	1
13	914.165	914.121		1
14	914.97	914.122	914.131	1
16	914.98	914.123	914.132	1
18	914.99	914.124	914.133	1
20	914.100	914.166	914.134	1
22	914.115	914.125	914.135	1
24	914.116	914.126	914.136	1
25	139.160			1
26	914.161	914.127	914.137	1
28			914.138	1
30	914.117	914.128	914.139	1



TIVOLY

MECHE A BOIS HELICOÏDALE POUR CHARPENTE - HSS - QUEUE S D S +

Mêche à hélice unique, en cône pour une meilleure évacuation des copeaux, avec pointe de centrage à vis pour avance automatique et traceur latéral pour une amorce propre.



AT
Tivoly Norm

SDS plus

Bois massif

Bois artificiel

Diamètre	LU 160 LT 235 REF	LU 380 LT 460 REF	
10	914.140	914.147	1
12	914.141	914.148	1
14	914.142	914.149	1
16	914.143	914.150	1
18	914.144	914.151	1
20	914.145	914.152	1

TIVOLY

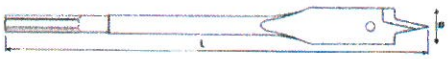
PERÇAGE

1080254 Mèche plate

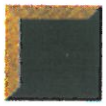
Hexagonal 1/4" / 6.35 mm

AT

Tivoly Norm



Applications



Bois artificiel
Composit wood

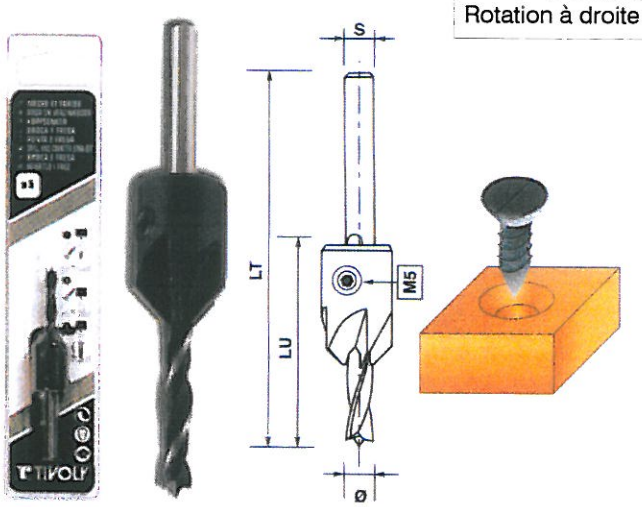
Code 1080254...	Ø	L	l	x	x	REF
...0600	6	149		1	3	
...0800	8	152		1	3	
...1000	10	152		1	3	
...1200	12	152		1	3	914.102
...1300	13	152		1	3	
...1400	14	152		1	3	914.103
...1600	16	152		1	3	914.104
...1800	18	152		1	3	914.105
...2000	20	152		1	3	914.106
...2200	22	158		1	3	914.107
...2300	23	158		1	3	

Code 1080254...	Ø	L	l	x	x	REF
...2400	24	158		1	3	914.108
...2500	25	158		1	3	
...2600	26	158		1	3	914.109
...2800	28	164		1	3	914.253
...3000	30	164		1	3	914.110
...3200	32	164		1	1	914.111
...3400	34	164		1	1	914.254
...3500	35	164		1	1	
...3600	36	164		1	1	
...3800	38	164		1	1	

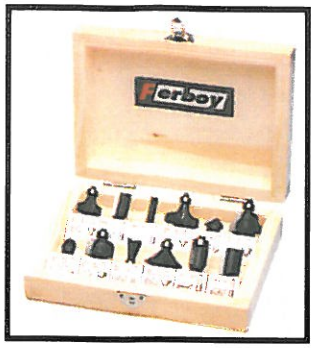
Bois artificiel

MECHES A BOIS HELICOÏDALES + FRAISOIRS - Acier HSS

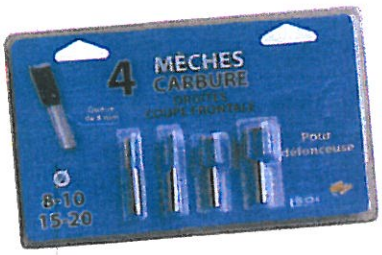
Pointe de centrage, 2 coupes dégageuses en pointes.
Rotation à droite uniquement. Fraisoir à 45°



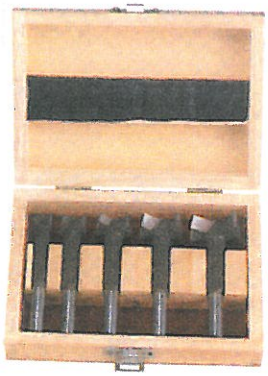
Diamètre	LU	LT	S		
3	30	60	3	914.153	1
4	40	75	4	914.154	1
5	45	85	5	914.155	1
6	50	90	6	914.156	1
8	65	110	8	914.157	1
10	70	120	10	914.158	1



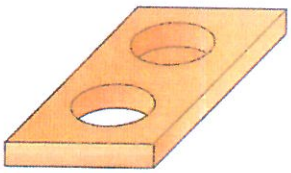
	REF
COFFRET DE 12 MECHES A DEFONCER CARBURE	
Queue Diam. 6 mm	915.37
Queue Diam. 8 mm	915.38

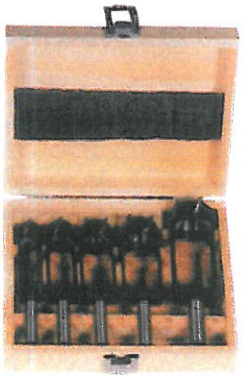


COFFRET 4 MECHES DROITES CARBURE AVEC COUPE FRONTALE	
Queue Diam. 8 Diam. 8 - 10 - 15 - 20 mm	915.39

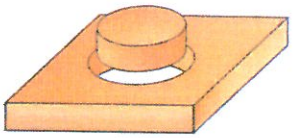


COFFRET DE 5 MECHES A PERCER CARBURE	
Queue Diam. 10 Diam. 15 / 20 / 25 / 30 / 35 mm	915.16

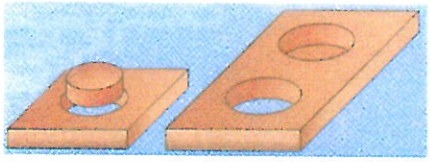




COFFRET DE 5 MECHES A BOUCHONNER HSS	
Queue Diam. 13 Diam. 15 / 20 / 25 / 30 / 35 mm	915.17



COFFRET DE 4 MECHES A BOUCHONNER + 4 MÊCHES A FACONNER A FOND PLAT - HSS	
Bouchonner - Queue Diam. 13 Façonner - Queue Diam. 10 Diam. 8 / 10 / 12 / 15 mm	915.51

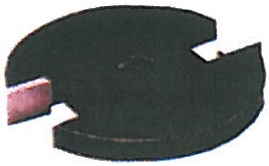


COFFRET TRAVAIL DU BOIS

	REF	
COFFRET 4 FRAISOIRS HSS		
Diam. 3 - 4 - 5 - 6 mm	915.41	1

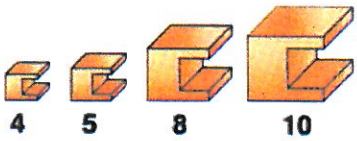
COFFRET BOIS 5 FRAISES

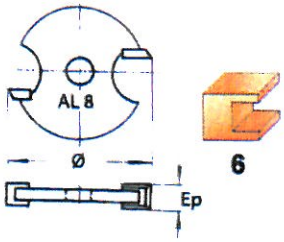
Fraise à rainurer carbure + arbre porte fraise Permet en combinant plusieurs fraises de réaliser des rainures, feuillures et languettes de différentes épaisseurs. Diam. 50 mm - Ep. 6 - idéal pour réaliser un décalage en fond de rainure pour assemblage collé.	915.53	1



Ø 48 ÉPAISSEUR 4-5-8-10

Ø 50 ÉPAISSEUR 6

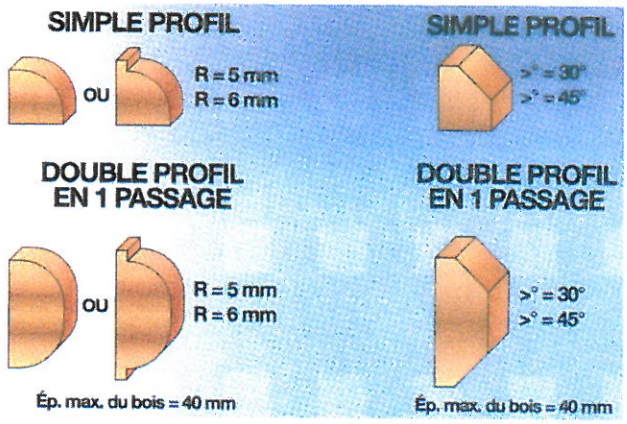




• Adaptable sur arbre porte fraise

COFFRET BOIS 6 MÊCHES A PROFILER

Queue cylindrique 8 mm Permet de nombreuses combinaisons de profilage dessus-dessous Idéal pour profiler les étagères et plans de travail	915.54	1

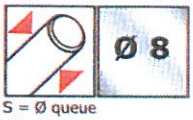


COFFRET TRAVAIL DU BOIS

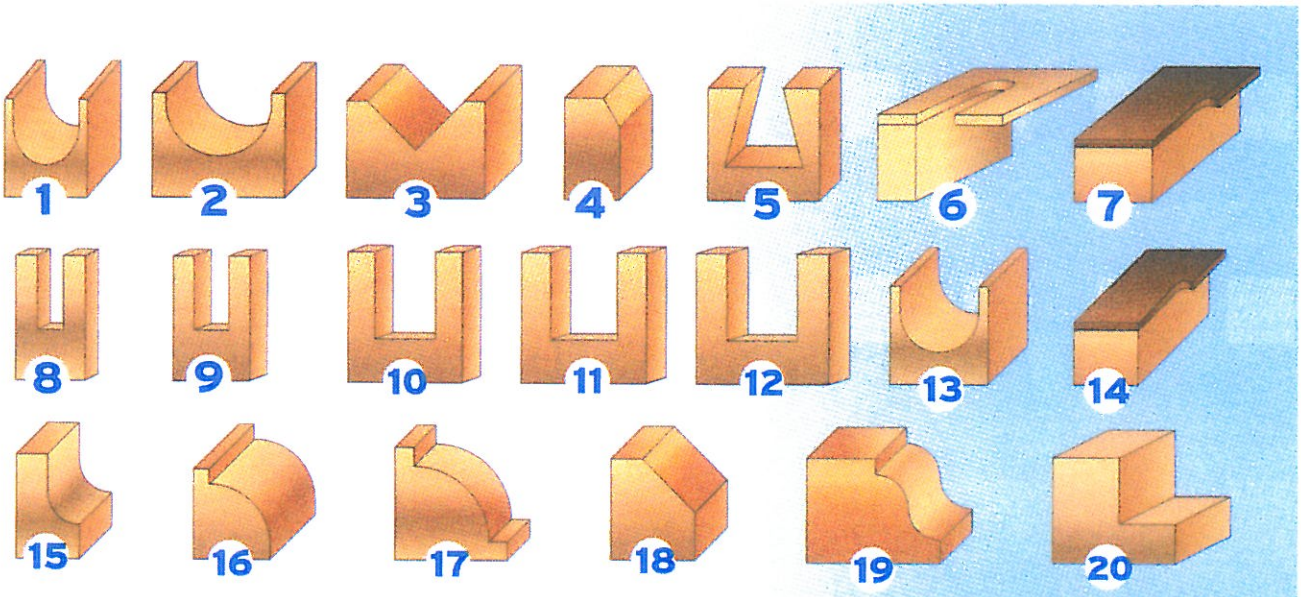
REF	

COFFRET ALUMINIUM 20 MÊCHES ASSORTIES CARBURE

Comprenant une sélection de 20 mêches indispensable à l'usage d'une défonceuse.	915.55	1



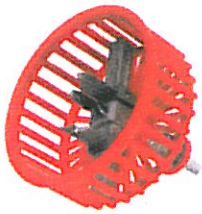
S = Ø queue
S = Ø shank



1. mèche à gorge 3,2 mm
2. mèche à gorge 6 mm
3. mèche à rainurer en V 12,7 mm
4. mèche à affleurer 30°
5. mèche queue d'aronde 14°
6. mèche pour occulus 6 mm
7. mèche à affleurer 12,7 mm
8. mèche droite 8 mm*
9. mèche droite 10 mm*
10. mèche droite 12 mm*
11. mèche droite 16 mm*
12. mèche droite 20 mm*
13. mèche à gorge 5 mm
14. mèche à affleurer 9,5 mm
15. mèche à gorge R=6
16. mèche 1/4 de rond R=6
17. mèche 1/4 de rond 2 plats R=6
18. mèche à affleurer 45°
19. mèche pour moulure R=4
20. mèche à feuillurer 28,6 mm

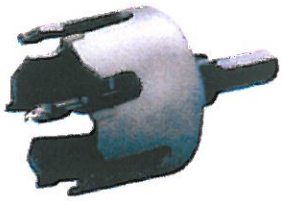
MECHE A BOIS

	REF	
SCIE CLOCHE - Profondeur de coupe : 30 mm / Blister		
7 Lames - Diamètre 25 / 30 / 35 / 40 50 / 55 / 62 mm	914.2	1
5 Lames - Diamètre 60 / 67 / 74 / 81 / 95 mm	914.3	1



COUPE CERCLE CARBURE		
Diam. 35 à 100 mm	88.3	1
Jeu de couteau de rechange	88.1	1

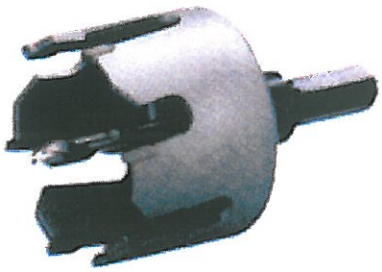
Avec rebord



Sans rebord

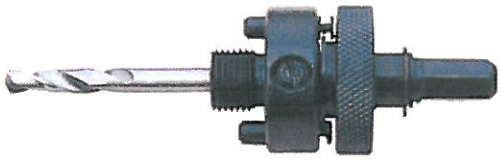
TREPAN CARBURE AVEC REBORD		
Ø 68 mm	915.2	1
TREPAN CARBURE SANS REBORD		
Ø 58 mm	915.3	1
Ø 60 mm	915.4	1
Ø 80 mm	915.6	1

	REF	
COFFRET 5 TREPANS CARBURE + 1 MANDRIN		
Ø 65 - 60 - 54 - 40 - 35	915.40	1



SCIE TREPAN BI-METAL		
Ø 80	915.6	1
Ø 58	915.3	1
Ø 60	915.4	1
Ø 68	915.2	1

MANDRIN POUR SCIE TREPAN		
Trépan de 14 à 30 mm (livré avec forêt centreur de 6,3 x 80 mm).	915.12	1

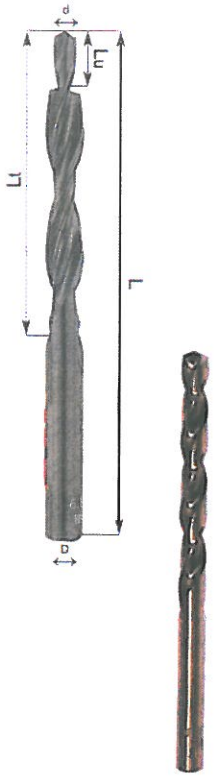


Trépan de 32 à 152 mm (livré avec forêt centreur de 6,3 x 80 mm .)	915.14	1

FORÊT PILOTE		
Pour scie trépan HSS Agressor	915.19	1

FORET SPECIAL ALUMINIUM

TIVOLY



Vrac

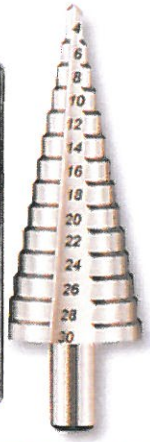
REF	

FORET ETAGE

Diam. 10 X Diam. 6 - Long 133 mm - Lu.13	98.18	1
Diam. 12 x Diam. 6 - Long 142 mm - Lu. 15	98.24	1
Diam. 16 x Diam. 12 - Long 180 mm - Lu. 15	98.30	1

FORET COBALT 5 %

Diam. 4,2 x Lu.43 x Lt 75 mm	914.34	1



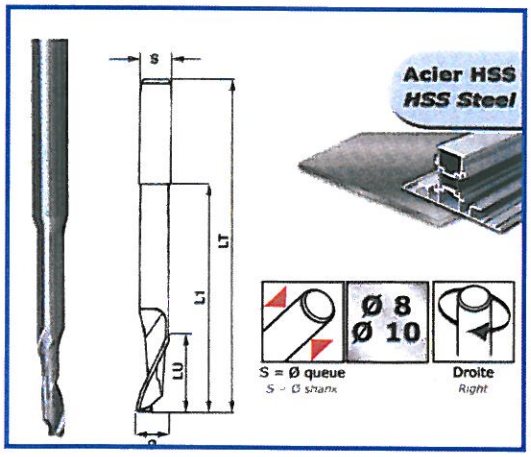
HSS

Tivoly Norm

HSS

FRAISE CONIQUE ETAGEE

De 4 à 20 mm	98.19	1
De 6 à 30 mm	98.27	1



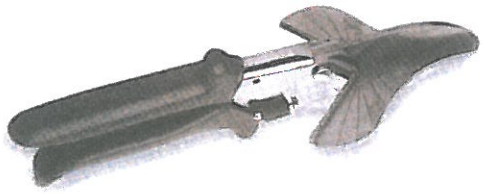
MECHE POUR ALUMINIUM - QUEUE DE 8 HSS - MONOBLOC

Diam.	L U	L1	LT	REF
6	16	45	90	915.47
8	14	45	100	915.48

FRAISE CONIQUE HSS Ø 12,4 mm

pour fraisage, chanfreinage bois, PVC , acier, aluminium°

Queue 6 pans	98.51	1



PINCE COUPE JOINTS

De 0 à 135 °

N° 270	912.73	1