

ROTEC®



Wood drill bits
and router bits

230

Spade drill bit, in EV-pack



Execution: Spade drill bit, with 1/4" hexagonal shank according to DIN 3126-E6.3, ground, hardened, with chip-breaker geometry. Hexagon shank avoids slipping in drill chuck.

Application: For drilling of soft and hard wood, particleboard, gypsum board etc.

d ₁	l ₁	pcs/PU	Item no.	€ / PU
6	152	1	230.0600	4,03
8	152	1	230.0800	4,03
10	152	1	230.1000	4,18
12	152	1	230.1200	4,49
13	152	1	230.1300	4,49
14	152	1	230.1400	4,70
15	152	1	230.1500	5,03
16	152	1	230.1600	5,09
17	152	1	230.1700	5,41
18	152	1	230.1800	5,41
19	152	1	230.1900	5,41
20	152	1	230.2000	5,41

d ₁	l ₁	pcs/PU	Item no.	€ / PU
22	152	1	230.2200	5,92
24	152	1	230.2400	6,43
25	152	1	230.2500	6,84
26	152	1	230.2600	7,34
28	152	1	230.2800	8,37
30	152	1	230.3000	8,77
32	152	1	230.3200	9,07
35	152	1	230.3500	10,61
36	152	1	230.3600	10,61
38	152	1	230.3800	11,82
40	152	1	230.4000	13,05

Spade drill bit, in box



Execution: Spade drill bit, with 1/4" hexagonal shank according to DIN 3126-E6.3, ground, hardened, with chip-breaker geometry. Hexagon shank avoids slipping in drill chuck.

Application: For drilling of soft and hard wood, particleboard, gypsum board etc.

d ₁	l ₁	pcs/PU	Item no.	€ / PU
6	152	10	230.0601	33,98
8	152	10	230.0801	33,98
10	152	10	230.1001	35,84
12	152	10	230.1201	38,58
13	152	10	230.1301	38,58
14	152	10	230.1401	40,43
15	152	10	230.1501	42,78
16	152	10	230.1601	45,89
17	152	10	230.1701	48,60
18	152	10	230.1801	48,60

d ₁	l ₁	pcs/PU	Item no.	€ / PU
19	152	10	230.1901	48,60
20	152	10	230.2001	48,60
22	152	10	230.2201	53,20
24	152	10	230.2401	57,79
25	152	10	230.2501	61,51
26	152	5	230.2601	33,05
28	152	5	230.2801	37,65
30	152	5	230.3001	39,44
32	152	5	230.3201	40,85
35	152	5	230.3501	47,74

900

Spade drill bit set, in wooden case



Execution: Spade drill bits, with 1/4" hexagonal shank according to DIN 3126-E6.3, ground, hardened, with chip-breaker geometry. Hexagon shank avoids slipping in drill chuck.

Application: For drilling of soft and hard wood, particleboard, gypsum board etc.

Description	Type	Content	pcs/PU	Item no.	€ / PU
13 pc spade drill bit set	230	1x ø6, 8, 10, 12, 13, 14, 16, 18, 19, 20, 22, 24 and 25	1	900.1018	40,47

Spade drill bit set, in plastic case



Execution: Spade drill bits, with 1/4" hexagonal shank according to DIN 3126-E6.3, ground, hardened, with chip-breaker geometry. Hexagon shank avoids slipping in drill chuck.

Application: For drilling of soft and hard wood, particleboard, gypsum board etc.

Description	Type	Content	pcs/PU	Item no.	€ / PU
8 pc spade drill bit set	230	ø12, 14, 16, 18, 20, 22, 25 and 32mm / 1 piece each	1	900.1022K	43,42

230

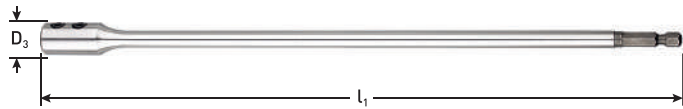
Extension for spade drill bits, quick-lock



Execution: Shank extensions for spade drill bits with 1/4" shank according to DIN 3126-E6.3 and a quick-change-system for easy and quick changing of drill bits.

l ₁	D ₃	pcs/PU	Item no.	€ / PU
150	16	1	230.5000	18,42
300	16	1	230.5001	21,84

Extension for spade drill bits

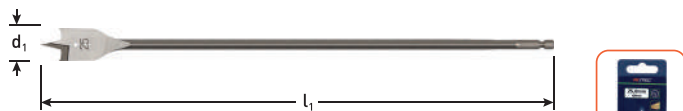


Execution: Shank extensions for spade drill bits with 1/4" shank according to DIN 3126-E6.3.

l ₁	D ₃	pcs/PU	Item no.	€ / PU
300	16	1	230.5003	17,80

231

Spade drill bit, long, in clip



Execution: Spade drill bit, with 1/4" hexagonal shank according to DIN 3126-E6.3, ground, hardened, with chip-breaker geometry. Hexagon shank avoids slipping in drill chuck.

Application: For drilling of soft and hard wood, particleboard, gypsum board etc.

d ₁	l ₁	pcs/PU	Item no.	€ / PU
6	400	1	231.0600	7,40
8	400	1	231.0800	7,74
10	400	1	231.1000	8,43
12	400	1	231.1200	9,11
14	400	1	231.1400	9,42
16	400	1	231.1600	9,48
18	400	1	231.1800	9,82
19	400	1	231.1900	10,37

d ₁	l ₁	pcs/PU	Item no.	€ / PU
20	400	1	231.2000	10,37
22	400	1	231.2200	12,18
24	400	1	231.2400	12,59
25	400	1	231.2500	13,49
28	400	1	231.2800	15,78
30	400	1	231.3000	16,26
32	400	1	231.3200	17,22
35	400	1	231.3500	18,12

233

Spade drill bit, Heavy-Duty, in clip



Execution: Heavy-duty spade drill bit, with reinforced shank and 1/4" hexagonal drive according to DIN 3126-E6.3, hardened, precision ground, thick blade. Hexagon drive eliminates slipping in drill chuck.

Application: For heavy-duty drilling applications, more resilient to burls and metal parts lodged in the wood.

d ₁	l ₁	pcs/PU	Item no.	€ / PU
6	152	1	233.0600	5,54
8	152	1	233.0800	5,28
10	152	1	233.1000	5,60
12	152	1	233.1200	6,02
13	152	1	233.1300	6,02
14	152	1	233.1400	6,29
16	152	1	233.1600	7,13
18	152	1	233.1800	7,56
19	152	1	233.1900	7,56
20	152	1	233.2000	7,56

d ₁	l ₁	pcs/PU	Item no.	€ / PU
22	152	1	233.2200	8,28
24	152	1	233.2400	8,99
25	152	1	233.2500	9,58
26	152	1	233.2600	10,29
28	152	1	233.2800	11,73
30	152	1	233.3000	12,28
32	152	1	233.3200	12,72
35	152	1	233.3500	14,87
38	152	1	233.3800	16,57
40	152	1	233.4000	18,27

900

Spade drill bit set, Heavy-Duty, in plastic case



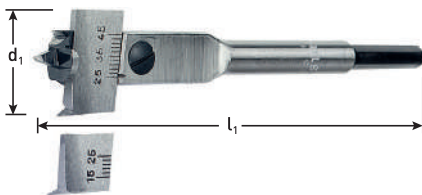
Execution: Heavy-duty spade drill bits, with reinforced shank and 1/4" hexagonal drive according to DIN 3126-E6.3, hardened, precision ground, thick blade. Hexagon drive eliminates slipping in drill chuck.

Application: For heavy-duty drilling applications, more resilient to burls and metal parts lodged in the wood.

Description	Type	Content	pcs/PU	Item no.	€ / PU
8 pc spade drill bit set Heavy-Duty	233	ø12, 14, 16, 18, 20, 22, 25 and 32mm / 1 piece each	1	900.1021K	60,03

231

Spade drill bit, adjustable

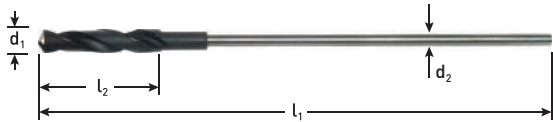


Execution: Adjustable spade drill bit, all parts hardened and precision ground, 2 exchangeable blades. Round shank with 3 flats to avoid slipping in drill chuck.

Application: For easy and fast drilling of accurate holes in fiberboard, particleboard, pine (standard and permeated), redwood, beech, oak and comparable kinds of wood. Best results with high cutting speeds.

d (min-max)	l ₁	pcs/PU	Item no.	€ / PU
15 - 45	128	1	231.9001	124,95
22 - 75	170	1	231.9002	144,13
70 - 110	170	1	231.9003	264,49
15 - 45	205	1	231.9004	169,05

232 HSS Form work drill bit



Execution: HSS drill bit with excellent results on all materials. Superb chip evacuation up to the end of the flutes.

Application: For drilling of formwork, planking, beams, gypsum, sheet metals, non-ferrous metals, etc.
PS: HSS quality, therefore also suitable as roofers' drill bits.

d ₁	l ₂	l ₁	d ₂	pcs/PU	Item no.	€/PU
6	57	400	5	1	232.0600	12,09
6	57	600	5	1	232.0601	12,94
8	75	400	6	1	232.0800	12,15
8	75	600	6	1	232.0801	13,07
8	75	800	6	1	232.0802	18,75
10	87	400	8	1	232.1000	14,14
10	87	600	8	1	232.1001	15,17
10	87	800	8	1	232.1002	18,75
12	100	400	8	1	232.1200	18,06
12	100	600	8	1	232.1201	19,03
12	100	800	8	1	232.1202	22,77
14	100	400	8	1	232.1400	21,69
14	100	600	8	1	232.1401	22,77

d ₁	l ₂	l ₁	d ₂	pcs/PU	Item no.	€/PU
14	100	800	8	1	232.1402	27,20
16	100	400	10	1	232.1600	25,68
16	100	600	10	1	232.1601	27,15
16	100	800	10	1	232.1602	32,20
18	100	400	10	1	232.1800	30,73
18	100	600	10	1	232.1801	32,54
18	100	800	10	1	232.1802	38,05
20	100	400	10	1	232.2000	39,12
20	100	600	10	1	232.2001	40,84
20	100	800	10	1	232.2002	46,34
22	100	400	10	1	232.2200	52,31
22	100	600	10	1	232.2201	55,15
22	100	800	10	1	232.2202	63,20

235 Lip & spur drill bit, in EV-pack



Execution: Lip & spur drill bit, made of chromium-vanadium steel.

Application: For drilling of soft and hard wood, blockboard and particleboard

d ₁	l ₁	l ₂	d ₂	pcs/PU	Item no.	€/PU
3	61	33	3	1	235.0300	2,11
4	75	43	4	1	235.0400	2,11
5	86	52	5	1	235.0500	2,32
6	93	57	6	1	235.0600	2,32
6	250	200	6	1	235.0602	7,71
7	109	69	7	1	235.0700	2,58

d ₁	l ₁	l ₂	d ₂	pcs/PU	Item no.	€/PU
8	117	75	8	1	235.0800	2,79
8	250	200	8	1	235.0802	8,99
9	120	81	9	1	235.0900	4,20
10	133	87	10	1	235.1000	3,42
10	250	200	10	1	235.1002	10,50

235 Lip & spur drill bit, shank r10



Execution: Lip & spur drill bit, made of chromium-vanadium steel.

Application: For drilling of soft and hard wood, blockboard and particleboard

d ₁	l ₁	l ₂	d ₂	pcs/PU	Item no.	€/PU
11	142	89	10	1	235.1100	4,63
12	151	96	10	1	235.1200	5,09
12	250	200	10	1	235.1202	13,08
13	151	96	10	1	235.1300	5,91
14	151	96	10	1	235.1400	6,49

d ₁	l ₁	l ₂	d ₂	pcs/PU	Item no.	€/PU
15	160	100	10	1	235.1500	7,53
16	160	100	10	1	235.1600	8,68
18	180	120	10	1	235.1800	13,60
20	200	130	10	1	235.2000	23,68
22	200	130	10	1	235.2200	27,64

Lip & spur drill bit, in 10-pack



Execution: Lip & spur drill bits, made of chromium-vanadium steel.
Application: For drilling of soft and hard wood, blockboard and particleboard

d ₁	l ₁	l ₂	pcs/PU	Item no.	€ / PU
3	61	33	10	235.0301	18,95
4	75	43	10	235.0401	18,95
5	86	52	10	235.0501	20,84
6	93	57	10	235.0601	20,84

d ₁	l ₁	l ₂	pcs/PU	Item no.	€ / PU
7	109	69	10	235.0701	23,22
8	117	75	10	235.0801	25,11
9	120	81	10	235.0901	37,80
10	133	87	10	235.1001	30,77

900

Lip & spur drill bit set, in PVC-cassette



Execution: Lip & spur drill bit, made of chromium-vanadium steel.
Application: For drilling of soft and hard wood, blockboard and particleboard

Description	Type	Content	pcs/PU	Item no.	€ / PU
5 piece lip & spur drill bit set	235	ø4, 5, 6, 8 and 10 / 1 piece each	1	900.1050	7,68
8 piece lip & spur drill bit set	235	ø3, 4, 5, 6, 7, 8, 9 and 10 / 1 piece each	1	900.1051	11,18

Drill bit set type '100', '225'and '235' in ABS cassette



Execution: Set with twisted drill bits for metal (type '100'), wood (type '235') and stone (type '225') in a handy impact-resistant ABS cassette.

Description	Type	Content	pcs/PU	Item no.	€ / PU
18 pc combi jobber drill bit set	100	ø3, 4, 5, 6, 8 and 10mm / 1 pc each	1	900.1059	32,71
	225	ø3, 4, 5, 6, 8 and 10mm / 1 pc each			
	235	ø3, 4, 5, 6, 8 and 10mm / 1 pc each			

Lip & spur drill bit set with drill stops, in plastic case

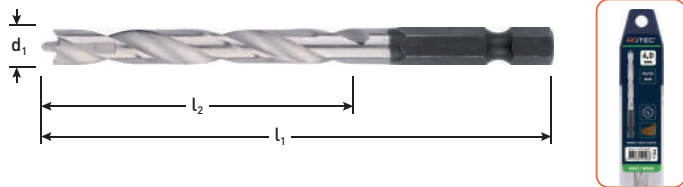


Execution: Lip & spur drill bit, made of chromium-vanadium steel.
Application: For drilling of soft and hard wood, blockboard and particleboard

Description	Type	Content	pcs/PU	Item no.	€ / PU
13 piece lip & spur drill bit set	235	1x lip & spur drill bit ø3, 4, 5, 6, 8 and 10 1x drill stop ø3, 4, 5, 6, 8 and 10 1x hex key	1	900.1052	52,45

235

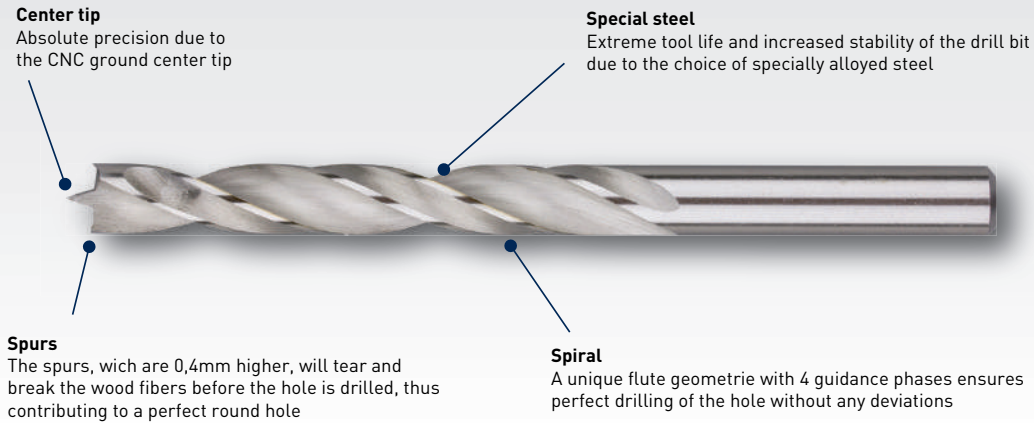
Lip & spur drill bit, 1/4" (E6.3) bit shank, in EV-pack



Execution: Lip & spur drill bit, made of chromium-vanadium steel.
Application: For drilling of soft and hard wood, blockboard and particleboard

d ₁	l ₁	l ₂	pcs/PU	Item no.	€ / PU
3	65	35	1	235.4030	6,25
4	75	40	1	235.4040	6,25
5	85	50	1	235.4050	6,25

d ₁	l ₁	l ₂	pcs/PU	Item no.	€ / PU
6	90	55	1	235.4060	6,25
8	90	55	1	235.4080	7,30

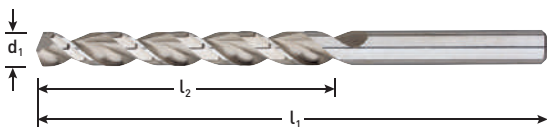


Execution: HSS-G lip & spur drill bit with center point and 2 spurs. Optimized spurs ensure fast and easy cutting of the woodfibres before the hole is drilled. Additionally, a bevelled edge leads to a perfect drilling of the diameter without any deviation. Improved tool life due to the use of HSS.

Application: Best qualified for drilling all types of wood, laminated boards, MDF and even acrylic glass.

d ₁	l ₁	l ₂	pcs/PU	Item no.	€ / PU
3	70	30	1	236.0300	10,48
4	75	43	1	236.0400	12,10
5	85	52	1	236.0500	14,35
6	95	57	1	236.0600	15,56
6	200	160	1	236.0601	39,67
7	110	70	1	236.0700	18,83
7	200	160	1	236.0701	46,42
8	110	70	1	236.0800	20,54
8	117	75	1	236.0801	23,33
8	200	160	1	236.0802	53,46
9	110	70	1	236.0900	23,42
9	200	160	1	236.0901	56,70
10	110	70	1	236.1000	25,84
10	133	87	1	236.1001	27,60
10	200	160	1	236.1002	56,74
11	200	160	1	236.1101	63,63
12	110	70	1	236.1200	30,82
12	151	101	1	236.1201	38,07

d ₁	l ₁	l ₂	pcs/PU	Item no.	€ / PU
12	200	160	1	236.1202	63,67
13	110	70	1	236.1300	38,59
14	110	70	1	236.1400	38,59
14	151	96	1	236.1401	54,03
14	200	160	1	236.1402	66,51
15	110	70	1	236.1500	48,64
15	200	160	1	236.1501	70,71
16	160	100	1	236.1600	59,87
16	200	160	1	236.1601	72,58
18	140	100	1	236.1800	63,49
18	180	130	1	236.1801	74,38
20	200	160	1	236.2000	87,85
22	210	140	1	236.2200	105,13
24	215	140	1	236.2400	126,95
26	215	145	1	236.2600	133,26
28	220	145	1	236.2800	141,98
30	220	145	1	236.3000	146,46
32	220	145	1	236.3200	148,84



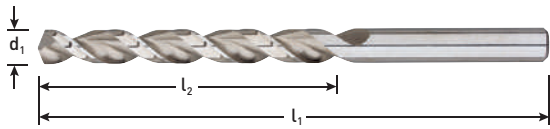
Execution: HSS-G drill bit for wood, DIN 338, ground, type TLS, tip angle 130°, splitpoint according to DIN 1412-C. Excellent chip evacuation, even at large drilling depths, due to the TLS-spiral.

Application: Excellent performance on precious and hard woods.

d ₁	l ₁	l ₂	pcs/PU	Item no.	€ / PU
3,0	61	33	1	262.0300E	2,00
3,5	70	39	1	262.0350E	2,26
4,0	75	43	1	262.0400E	2,59
4,5	80	47	1	262.0450E	3,24
5,0	86	52	1	262.0500E	3,63
6,0	93	57	1	262.0600E	4,73

d ₁	l ₁	l ₂	pcs/PU	Item no.	€ / PU
7,0	109	69	1	262.0700E	6,35
8,0	117	75	1	262.0800E	9,09
8,5	117	75	1	262.0850E	18,60
10,0	133	87	1	262.1000E	21,38
10,5	133	87	1	262.1050E	34,41
12,0	151	101	1	262.1200E	46,61

HSS-G Twisted drill bit for wood, type TLS, in box



Execution: HSS-G drill bit for wood, DIN 338, ground, type TLS, tip angle 130°, splitpoint according to DIN 1412-C. Excellent chip evacuation, even at large drilling depths, due to the TLS-spiral.

Application: Excellent performance on precious and hard woods.

d ₁	l ₁	l ₂	pcs/PU	Item no.	€ / PU
3,0	61	33	10	262.0300	14,82
3,5	70	39	10	262.0350	17,46
4,0	75	43	10	262.0400	20,71
4,5	80	47	10	262.0450	27,20
5,0	86	52	10	262.0500	31,16

d ₁	l ₁	l ₂	pcs/PU	Item no.	€ / PU
6,0	93	57	10	262.0600	42,12
7,0	109	69	10	262.0700	57,75
8,0	117	75	10	262.0800	84,96
10,0	133	87	5	262.1000	69,78

900

HSS-G Twisted drill bit set for wood, type 'TLS', in PVC cassette



Execution: HSS-G drill bit for wood, DIN 338, ground, type TLS, tip angle 130°, splitpoint according to DIN 1412-C. Excellent chip evacuation, even at large drilling depths, due to the TLS-spiral.

Application: Excellent performance on precious and hard woods.

Description	Type	Content	Item no.	€ / PU
5 piece tip & spur drill bit set 'Azobe'	262	∅4, 5, 6, 8 and 10 / 1 piece each	900.1055	31,90

264

HSS-G Twisted drill bit for wood, long, type TLS, in EV-pack



Execution: HSS-G drill bit for wood, DIN 340 (long), ground, type TLS, tip angle 130°, splitpoint according to DIN 1412-C. Excellent chip evacuation, even at large drilling depths, due to the TLS-spiral.

Application: Excellent performance on precious and hard woods.

d ₁	l ₁	l ₂	pcs/PU	Item no.	€ / PU
3,0	100	66	1	264.0300E	5,08
3,5	112	73	1	264.0350E	6,05
4,0	119	78	1	264.0400E	6,17
4,5	126	82	1	264.0450E	7,28
5,0	132	87	1	264.0500E	8,18
5,5	139	91	1	264.0550E	8,58
6,0	139	91	1	264.0600E	9,34
6,5	148	97	1	264.0650E	10,23
7,0	156	102	1	264.0700E	11,11

d ₁	l ₁	l ₂	pcs/PU	Item no.	€ / PU
8,0	165	109	1	264.0800E	16,19
8,5	165	109	1	264.0850E	19,76
10,0	184	121	1	264.1000E	28,41
10,5	184	121	1	264.1050E	29,85
11,0	195	128	1	264.1100E	32,91
12,0	205	134	1	264.1200E	30,64
12,5	205	134	1	264.1250E	41,44
13,0	205	134	1	264.1300E	45,88

HSS-G Twisted drill bit for wood, long, type TLS, in box



DIN 340 **HSS G** **C** **130°** **TLS**

Execution: HSS-G drill bit for wood, DIN 340 (long), ground, type TLS, tip angle 130°, splitpoint according to DIN 1412-C. Excellent chip evacuation, even at large drilling depths, due to the TLS-spiral.

Application: Excellent performance on precious and hard woods.

d ₁	l ₁	l ₂	pcs/PU	Item no.	€ / PU
3,0	100	66	5	264.0300	22,58
3,5	112	73	5	264.0350	32,63
4,0	119	78	5	264.0400	27,76
4,5	126	82	5	264.0450	32,68
5,0	132	87	5	264.0500	37,15
5,5	139	91	5	264.0550	39,08

d ₁	l ₁	l ₂	pcs/PU	Item no.	€ / PU
6,0	139	91	5	264.0600	42,88
6,5	148	97	5	264.0650	47,30
7,0	156	102	5	264.0700	51,77
8,0	165	109	5	264.0800	77,19
8,5	165	109	5	264.0850	93,33
10,0	184	121	5	264.1000	136,62

266

HSS-G Twisted drill bit for wood, extra long, type TLS



DIN 1869 **HSS G** **C** **130°** **TLS**

Execution: HSS-G drill bit for wood, DIN 1869, ground, type TLS, tip angle 130°, splitpoint according to DIN 1412-C. Excellent chip evacuation, even at large drilling depths, due to the TLS-spiral.

Application: Excellent performance on precious and hard woods.

d ₁	l ₁	l ₂	pcs/PU	Item no.	€ / PU
4,0	175	120	1	266.0401E	11,69
4,5	185	125	1	266.0451E	12,32
5,0	195	135	1	266.0501E	14,56
6,0	205	140	1	266.0601E	20,02
6,0	260	180	1	266.0602E	29,24
6,5	275	190	1	266.0652E	34,44
7,0	370	250	1	266.0703E	47,72
8,0	240	165	1	266.0801E	26,25
8,0	305	210	1	266.0802E	42,00
8,0	390	265	1	266.0803E	63,60

d ₁	l ₁	l ₂	pcs/PU	Item no.	€ / PU
8,5	240	165	1	266.0851E	30,75
10,0	265	185	1	266.1001E	40,86
10,0	430	295	1	266.1003E	84,00
10,5	265	185	1	266.1051E	45,56
11,0	455	310	1	266.1103E	92,90
12,0	295	205	1	266.1201E	56,70
12,5	295	205	1	266.1251E	57,26
13,0	295	205	1	266.1301E	61,32
13,0	375	260	1	266.1302E	87,88

HSS-G Twisted drill bit for wood, extra long, type TLS, in box



DIN 1869 **HSS G** **C** **130°** **TLS**

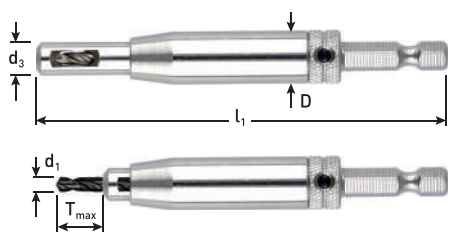
Execution: HSS-G drill bit for wood, DIN 1869, ground, type TLS, tip angle 130°, splitpoint according to DIN 1412-C. Excellent chip evacuation, even at large drilling depths, due to the TLS-spiral.

Application: Excellent performance on precious and hard woods.

d ₁	l ₁	l ₂	pcs/PU	Item no.	€ / PU
4,0	175	120	5	266.0401	53,39
4,5	185	125	5	266.0451	56,59
5,0	195	135	5	266.0501	67,70

d ₁	l ₁	l ₂	pcs/PU	Item no.	€ / PU
6,0	205	140	5	266.0601	95,05
6,0	260	180	5	266.0602	140,43

268 HSS Hinge drill, self-centring



Execution: Self-centring hinge drill bit with E6.3 bit-shank for use in (cordless) drills.

Application: Suitable for accurately pre-drilling holes for hinges or drawer guides. The perfect centring and positioning of the holes significantly reduces warping or excessive wear of the hinge or drawer guide.

HSS
G

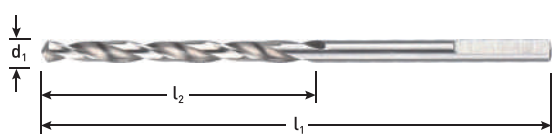
DIN 3126
E6.3

1/4"



d ₁	T _{max}	Suitable for	d ₃	D (mm)	pcs/PU	Item no.	€ / PU
2,0	8	Screws ø3,0 - 3,5 mm	6	10	1	268.0001	14,95
2,75	10	Screws ø4,0 - 4,5 mm	6	10	1	268.0003	14,95
3,5	13	Screws ø5,0 - 5,5 mm	8	13	1	268.0005	17,50

268 HSS twisted drill for hinge drill '268'



Execution: HSS-G Drill bit, ground, for self-centring hinge drills '268'.

HSS
G

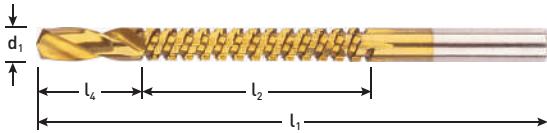


d ₁	l ₁	l ₂	pcs/PU	Item no.	€ / PU
2,0	60	30	1	268.0101	2,75
2,75	60	35	1	268.0103	2,75
3,5	70	40	1	268.0105	3,50

269

HSS Milling drill bit, TiN, in EV-pack

Execution: HSS Milling drill bit with TiN-coating for long tool life.
Application: Suited for drilling and milling in one operation of wood, plastic and sheet metal.



d ₁	l ₁	l ₂	l ₄	pcs/PU	Item no.	€ / PU
6,0	90	42	18	1	269.0600	7,65

134

TCT Stub drill bit, carbide tipped

Execution: Tungsten carbide tipped (TCT) stub drill bit, DIN 8037, ground cutting edges, point angle 120°.
Application: Ideal for drilling in HPL-panels like Trespa®.



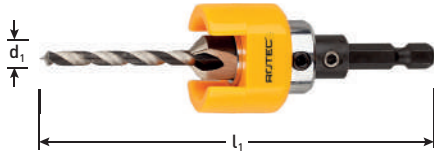
d ₁	l ₁	l ₂	pcs/PU	Item no.	€ / PU
3,0	50	20	1	134.0300	21,20
3,3	56	25	1	134.0330	23,45
3,5	56	25	1	134.0350	21,77
4,0	56	25	1	134.0400	20,77
4,2	63	28	1	134.0420	23,45
4,5	63	28	1	134.0450	20,77
5,0	63	28	1	134.0500	20,77
5,2	71	32	1	134.0520	25,28
5,5	71	32	1	134.0550	22,56
6,0	71	32	1	134.0600	23,45
6,5	71	32	1	134.0650	24,03
6,8	80	40	1	134.0680	28,93

d ₁	l ₁	l ₂	pcs/PU	Item no.	€ / PU
7,0	80	40	1	134.0700	27,08
7,5	80	40	1	134.0750	28,54
8,0	80	40	1	134.0800	30,35
8,5	90	50	1	134.0850	31,62
9,0	90	50	1	134.0900	34,88
9,5	90	50	1	134.0950	39,39
10,0	100	56	1	134.1000	40,65
10,2	100	56	1	134.1020	49,44
10,5	100	56	1	134.1050	46,86
12,0	112	63	1	134.1200	58,45
13,0	112	63	1	134.1300	69,75

237

Patio floorboard drill with wood drill bit

ROTEC®



Execution: Both the wood spiral drill bit and countersink are made of HSS tool steel. They have a hexagonal 1/4" bit shank and are produced in one piece (neither bonded nor brazed); further they are specially hardened to withstand major loads resulting from for example the uneven rotation of cordless screwdrivers.

d ₁	l ₁	pcs/PU	Item no.	€ / PU
4	110	1	237.0001	79,96
5	110	1	237.0002	93,54

Patio floorboards drill with metal drill bit

ROTEC®



Execution: Both the metal spiral drill bit and countersink are made of HSS tool steel. They have a hexagonal 1/4" bit shank and are produced in one piece (neither bonded nor brazed); further they are specially hardened to withstand major loads resulting from for example the uneven rotation of cordless screwdrivers.

d ₁	l ₁	pcs/PU	Item no.	€ / PU
3,2	110	1	237.0010	88,02
4	110	1	237.0011	88,02

Patio floorboards drill set with wood drill bit

ROTEC®



Execution: Wood spiral drills and countersink are sharpened and made of HSS tool steel. They have a hexagonal BIT shank and are produced in one piece (neither bonded nor brazed); further they are specially hardened to withstand major loads resulting from e.g. the uneven rotation of cordless screwdrivers.

Description	Type	Content	pcs/PU	Item no.	€ / PU
11 piece patio floorboards drill set (wood)	237	ø4 / 4,5 / 5 / 6mm, 1 piece each Countersink ø12 mm and drill stop, 1 piece each Bitholder , 1 piece Torx screw driver bit, 4 pieces	1	237.9001	234,15
11 piece patio floorboards drill set (wood)	237	ø4 / 4,5 / 5 / 6mm, 1 piece each Countersink ø12 mm and drill stop, 1 piece each Plug cutter , 1 piece Torx screw driver bit, 4 pieces	1	237.9002	227,33

Drill stop

ROTEC®



Execution: External part made of resistant plastic, inner part made of steel. Tool will be fixed on the drill shank with a socket screw.

Application: Drilling depth exactly adjustable. To use with auger Bits, Twist Drills etc. No restriction of chip transport, no damaging of the workpiece. Stops when it comes into contact with the workpiece.

d ₁	pcs/PU	Item no.	€ / PU
3	1	237.1030	17,25
4	1	237.1040	22,80
5	1	237.1050	22,80
6	1	237.1060	22,80
8	1	237.1080	23,90
9	1	237.1090	39,16
10	1	237.1100	24,67
11	1	237.1110	26,05
12	1	237.1120	27,87

d ₁	pcs/PU	Item no.	€ / PU
13	1	237.1130	34,22
15	1	237.1150	28,43
16	1	237.1160	43,28
18	1	237.1180	36,43
21	1	237.1210	35,07
24	1	237.1240	54,83
27	1	237.1270	43,28
30	1	237.1300	54,59

238

HSS-G Twisted mortise bit, right-hand cutting



Execution: HSS-G Mortise bits, right-hand cutting, with 2 twisted flutes and chip-splitters for reduced spindle loads.

Application: To be used in mortising machines, for drilling and slotting operations. For smooth cutting operations in both soft- and hardwood. Speed 3000-5000 rev/min.

d ₁	l ₁	l ₂	d ₂	pcs/PU	Item no.	€ / PU
6	120	36	13	1	238.0600	36,87
8	130	40	13	1	238.0800	36,87
10	140	45	13	1	238.1000	36,87
12	150	50	13	1	238.1200	36,87
14	160	56	13	1	238.1400	41,98

d ₁	l ₁	l ₂	d ₂	pcs/PU	Item no.	€ / PU
16	170	63	16	1	238.1601	48,20
18	180	67	16	1	238.1801	49,08
20	185	71	16	1	238.2001	66,58
22	190	75	16	1	238.2201	88,25

HSS-G Twisted mortise bit, left-hand cutting



Execution: HSS-G Mortise bits, left-hand cutting, with 2 twisted flutes and chip-splitters for reduced spindle loads.

Application: To be used in mortising machines, for drilling and slotting operations. For smooth cutting operations in both soft- and hardwood. Speed 3000-5000 rev/min.

d ₁	l ₁	l ₂	d ₂	pcs/PU	Item no.	€ / PU
6	120	36	13	1	238.0600L	36,87
8	130	40	13	1	238.0800L	36,87
10	140	45	13	1	238.1000L	36,87
12	150	50	13	1	238.1200L	36,87
14	160	56	13	1	238.1400L	41,98

d ₁	l ₁	l ₂	d ₂	pcs/PU	Item no.	€ / PU
16	180	63	16	1	238.1601L	48,20
18	180	67	16	1	238.1801L	49,08
20	185	71	16	1	238.2001L	66,58
22	190	75	16	1	238.2201L	88,25

239

Shell countersink, tool steel



Execution: Tool steel shell countersink, 90° point angle, 5 cutting edges. Including hex-key, excluding drill bits.

Application: Drill and countersink a hole in one operation. Mounted up-side-down the countersink can also be used as a depth stop.

d ₁	d ₂	l ₁	pcs/PU	Item no.	€ / PU
3	16	25	1	239.0300	14,67
4	16	25	1	239.0400	14,67
5	16	25	1	239.0500	14,67
6	16	25	1	239.0600	14,67
8	16	25	1	239.0800	14,67
10	16	25	1	239.1000	19,83

Shell countersink, HSS

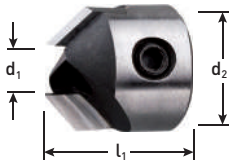


Execution: HSS shell countersink, 90° point angle, 5 cutting edges. Excluding hex-key, excluding drill bits.

Application: Drill and countersink a hole in one operation. Mounted up-side-down for use as depth stop. Speed 1500-3000 rev/min.

d ₁	d ₂	l ₁	pcs/PU	Item no.	€ / PU
3	16	25	1	239.2030	21,81
4	16	25	1	239.2040	21,81
5	16	25	1	239.2050	21,81
6	16	25	1	239.2060	21,81
7	20	25	1	239.2070	23,98
8	20	25	1	239.2080	23,98
10	20	25	1	239.2100	25,12
12	25	25	1	239.2120	25,12

Shell countersink, TCT

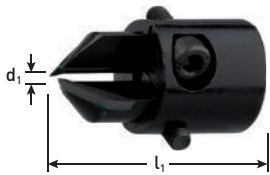


Execution: Carbide tipped shell countersink, 90° point angle, 2 cutting edges. Excluding hex-key, excluding drill bits.

Application: Drill and countersink a hole in one operation. Mounted up-side-down the countersink can also be used as a depth stop. Suitable for hardwood, MDF, plastic and wood with plastic top layer.

d ₁	d ₂	l ₁	pcs/PU	Item no.	€ / PU
3	16	25	1	239.3030	106,26
4	16	25	1	239.3040	106,26
5	16	25	1	239.3050	106,26
6	16	25	1	239.3060	106,26
8	20	25	1	239.3080	113,67
10	25	25	1	239.3100	113,67

Shell countersink, adjustable, TCT

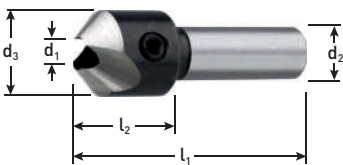


Execution: Carbide tipped shell countersink, 90° point angle, 2 cutting edges. Excluding hex-key, excluding drill bits. Suitable for drill bits from ø3 - ø8mm.

Application: Drilling and countersinking of holes in one operation. Recommended speed: 1.500 - 3.500 rpm.

d (min-max)	l ₁	pcs/PU	Item no.	€ / PU
3-8	35	1	239.4038	62,21

WS Shell countersink



Execution: Tool steel 90° shell countersink with cylindrical shank for use on machines. Lip & spur drill bits not included.

Application: Drilling and countersinking of holes in one operation in soft and hard wood. Speed 3000-6000 rev/min.

d ₁	d ₃	l ₁	l ₂	d ₂	pcs/PU	Item no.	€ / PU
3	16	45	15	10	1	239.6030	33,59
4	16	45	15	10	1	239.6040	37,12
5	16	46	15	10	1	239.6050	33,45
6	16	48	17	10	1	239.6060	35,38
8	20	51	20	13	1	239.6080	45,79
10	20	51	20	13	1	239.6100	53,07

Countersink, tool steel



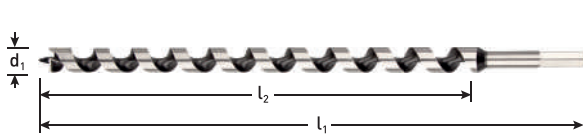
Execution: Countersink, made from tool steel, 90°, according to DIN 6444-B with 30mm long and reduced diameter shank.

Application: For countersinking and deburring of holes.

d ₁	l ₁	d ₂	pcs/PU	Item no.	€ / PU
10	90	6	1	239.5010	20,55
12	90	6	1	239.5012	23,36
13	90	6	1	239.5013	23,36
16	90	6	1	239.5016	23,91
18	90	6	1	239.5018	27,53
20	90	8	1	239.5020	27,53
25	90	10	1	239.5025	43,34
30	90	10	1	239.5030	134,22

240

Auger drill bit, SILVER-LINE



Execution: With hexagonal shank, self-centring screw point. 1 main cutting edge and optimized flute geometry for excellent chip evacuation.

Application: For precisely drilled holes in soft- and hardwood.

d ₁	l ₁	l ₂	pcs/PU	Item no.	€ / PU
3	230	155	1	240.0300	9,94
4	230	155	1	240.0400	9,94
5	230	155	1	240.0500	9,94
6	230	155	1	240.0600	9,94
8	230	155	1	240.0800	10,47
8	460	385	1	240.0801	12,57
8,5 *	230	155	1	240.0850	11,06
10	230	155	1	240.1000	11,06
10	460	385	1	240.1001	13,62
10	600	530	1	240.1002	31,28
10,5	230	155	1	240.1050	11,66
11	230	155	1	240.1100	11,66
12	230	155	1	240.1200	11,66
12	460	385	1	240.1201	14,74
12	600	530	1	240.1202	34,82
12,5	230	155	1	240.1250	12,24
13	230	155	1	240.1300	12,24
14	230	155	1	240.1400	12,24
14	460	385	1	240.1401	18,03
14	600	530	1	240.1402	40,43
16	230	155	1	240.1600	13,86

d ₁	l ₁	l ₂	pcs/PU	Item no.	€ / PU
16	460	385	1	240.1601	21,22
16	600	530	1	240.1602	45,83
18	230	155	1	240.1800	18,19
18	460	385	1	240.1801	28,90
18	600	530	1	240.1802	58,01
20	230	155	1	240.2000	20,16
20	460	385	1	240.2001	32,33
20	600	530	1	240.2002	65,34
22	230	155	1	240.2200	22,48
22	460	385	1	240.2201	35,43
22	600	530	1	240.2202	72,53
24	230	155	1	240.2400	24,66
24	460	385	1	240.2401	38,76
26	230	155	1	240.2600	26,78
26	460	385	1	240.2601	42,04
28	230	155	1	240.2800	31,56
28	460	385	1	240.2801	45,48
30	230	155	1	240.3000	37,10
30	460	385	1	240.3001	49,88
32	230	155	1	240.3200	42,57
32	460	385	1	240.3201	55,38

* Phase-out item, available until stock has depleted

900

Auger drill bit set, SILVER-LINE, in wooden case



Execution: With hexagonal shank, self-centring screw point. 1 main cutting edge and optimized flute geometry for excellent chip evacuation.

Application: For precisely drilled holes in soft- and hardwood.

Description	Type	Content	pcs/PU	Item no.	€ / PU
6 piece auger bit set, 460mm long	240	ø10, 12, 14, 16, 18 and 20mm / 1 piece each	1	900.1062	134,59
6 piece auger bit set, 600mm long	240	ø10, 12, 14, 16, 18 and 20mm / 1 piece each	1	900.1064	228,70

900

Auger drill bit set, SILVER-LINE, in plastic case

ROTEC®



Execution: With hexagonal shank, self-centring screw point. 1 main cutting edge and optimized flute geometry for excellent chip evacuation.

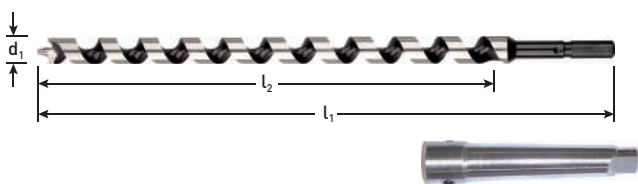
Application: For precisely drilled holes in soft- and hardwood.

Description	Type	Content	pcs/PU	Item no.	€ / PU
9 piece auger bit set, 230mm long	240	ø4, 5, 6, 8, 10, 12, 14, 16 and 18mm / 1 piece each	1	900.1065	93,45

241

Auger bit, GOLD-LINE

ROTEC®



*Tip: very easy to use with MT2 adapter
Item nr. 241.9501*

Execution: With hexagon shank, self centering tip. Shank suited for shell countersinks. 1 main cutting edge and 1 spur. Optimized flute geometry for chip evacuation.

Application: For use by Carpenters to bore through rafters and uprights used in railroad, ship and fence construction.

d ₁	l ₁	l ₂	d ₂	pcs/PU	Item no.	€ / PU
6	235	165	ø	1	241.0600	21,57
6	320	250	ø	1	241.0601	28,84
6	460	385	ø	1	241.0603	48,03
7	235	165	6,35	1	241.0700	22,50
7	320	250	6,35	1	241.0701	28,84
7	460	385	6,35	1	241.0703	48,03
8	235	165	6,35	1	241.0800	22,50
8	320	250	6,35	1	241.0801	28,84
8	460	385	6,35	1	241.0803	48,03
8	650	580	6,35	1	241.0804	64,41
9	235	165	6,35	1	241.0900	22,93
9	320	250	6,35	1	241.0901	32,90
10	235	165	8,4	1	241.1000	22,93
10	320	250	8,4	1	241.1001	32,90
10	460	385	8,4	1	241.1003	48,34
10	650	580	8,4	1	241.1004	65,84
11	235	165	9,5	1	241.1100	25,16
11	320	250	9,5	1	241.1101	33,89
11	460	385	9,5	1	241.1103	51,76
12	235	165	11	1	241.1200	25,16
12	320	250	11	1	241.1201	33,89
12	460	385	11	1	241.1203	49,32
12	650	580	11	1	241.1204	65,84
12	880	810	11	1	241.1207	157,02
13	235	165	11	1	241.1300	26,17
13	320	250	11	1	241.1301	34,37
13	460	385	11	1	241.1303	52,32
14	235	165	11	1	241.1400	26,17
14	320	250	11	1	241.1401	34,37
14	460	385	11	1	241.1403	52,32
14	650	580	11	1	241.1404	70,76
14	880	810	11	1	241.1405	157,02
16	235	165	11	1	241.1600	28,97
16	320	250	11	1	241.1601	35,45
16	460	385	11	1	241.1603	57,68
16	650	580	11	1	241.1604	77,48
16	880	810	11	1	241.1607	172,90
16	1080	1010	11	1	241.1608	228,76
17	235	165	11	1	241.1700	33,20
17	320	250	11	1	241.1701	39,48
17	460	385	11	1	241.1703	60,24
17	650	580	11	1	241.1704	80,60

d ₁	l ₁	l ₂	d ₂	pcs/PU	Item no.	€ / PU
18	235	165	11	1	241.1800	33,33
18	320	250	11	1	241.1801	39,48
18	460	385	11	1	241.1803	60,04
18	650	580	11	1	241.1804	80,85
18	880	810	11	1	241.1807	189,97
18	1080	1010	11	1	241.1808	253,24
19	235	165	11	1	241.1900	33,83
20	235	165	11	1	241.2000	33,89
20	320	250	11	1	241.2001	44,04
20	460	385	11	1	241.2003	66,33
20	650	580	11	1	241.2004	91,05
20	880	810	11	1	241.2007	204,29
20	1080	1010	11	1	241.2008	270,13
22	235	165	11	1	241.2200	39,24
22	320	250	11	1	241.2201	48,09
22	460	385	11	1	241.2203	75,12
22	650	580	11	1	241.2204	98,91
22	880	810	11	1	241.2207	236,62
22	1080	1010	11	1	241.2208	306,87
24	235	165	11	1	241.2400	44,58
24	320	250	11	1	241.2401	52,12
24	460	385	11	1	241.2403	82,28
24	650	580	11	1	241.2404	111,00
24	880	810	11	1	241.2407	253,70
24	1080	1010	11	1	241.2408	336,02
25	320	250	11	1	241.2501	60,75
25	460	385	11	1	241.2503	92,54
25	880	810	11	1	241.2504	280,86
26	235	165	11	1	241.2600	51,76
26	320	250	11	1	241.2601	60,75
26	460	385	11	1	241.2603	92,54
26	650	580	11	1	241.2604	126,43
26	880	810	11	1	241.2607	280,86
26	1080	1010	11	1	241.2608	503,59
28	235	165	11	1	241.2800	57,68
28	320	250	11	1	241.2801	64,41
28	460	385	11	1	241.2803	100,28
28	650	580	11	1	241.2804	132,24
30	235	165	11	1	241.3000	68,83
30	320	250	11	1	241.3001	76,48
30	460	385	11	1	241.3003	110,00
30	650	580	11	1	241.3004	149,23

d ₁	l ₁	l ₂	d ₂	pcs/PU	Item no.	€ / PU
32	235	165	11	1	241.3200	74,57
32	320	250	11	1	241.3201	85,64
32	460	385	11	1	241.3203	119,09
32	650	580	11	1	241.3204	159,94
32	880	810	11	1	241.3205	379,50
34	460	385	11	1	241.3403	127,82
35	235	165	11	1	241.3500	95,92
35	320	250	11	1	241.3501	124,50
35	460	385	11	1	241.3503	141,95
35	650	580	11	1	241.3504	189,53
36	235	165	11	1	241.3600	113,98
36	320	250	11	1	241.3601	124,50

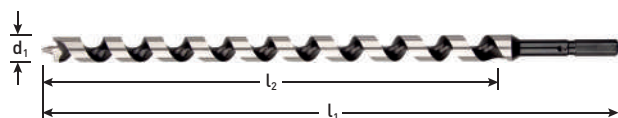
d ₁	l ₁	l ₂	d ₂	pcs/PU	Item no.	€ / PU
36	460	385	11	1	241.3603	141,95
36	650	580	11	1	241.3604	200,12
40	235	165	11	1	241.4000	145,36
40	320	250	11	1	241.4001	188,52
40	460	385	11	1	241.4003	226,83
40	650	580	11	1	241.4004	308,87
45	235	165	15	1	241.4500	229,33
45	320	250	15	1	241.4501	270,38
45	460	385	15	1	241.4503	308,87
50	235	165	15	1	241.5000	531,34
50	320	250	15	1	241.5001	548,22
50	460	385	15	1	241.5003	606,60

900
Auger drill bit set, GOLD-LINE, in wooden case


Execution: With hexagon shank, self centering tip. Shank suited for shell countersinks. 1 main cutting edge and 1 spur. Optimized flute geometry for chip evacuation.

Application: For use by Carpenters to bore through rafters and uprights used in railroad, ship and fence construction.

Description	Type	Content	pcs/PU	Item no.	€ / PU
6 piece auger bit set, 320mm	241	1x ø6, 10, 12, 16, 20 and 24 mm	1	900.1092	255,65
7 piece auger bit set, 460mm	241	1x ø12, 14, 16, 18, 20, 22 and 24 mm	1	900.1096	409,69

241
Auger bit, GOLD-LINE, Azobé


*Tip: very easy to use with MT2 adapter
Item nr. 241.9501*

Execution: With hexagon shank, self centering tip. Shank suited for shell countersinks. 1 main cutting edge and 1 spur. Optimized flute geometry for chip evacuation.

Application: For use by Carpenters to bore through rafters and uprights used in railroad, ship and fence construction. Equally efficient for boring through exotic woods like Bongosi/Azobe, Jarrah/ Karri etc.

d ₁	l ₁	l ₂	pcs/PU	Item no.	€ / PU
6	235	155	1	241.0600A	44,53
6	320	250	1	241.0601A	50,39
8	235	155	1	241.0800A	44,97
8	320	250	1	241.0801A	50,39
10	235	155	1	241.1000A	46,24
10	320	250	1	241.1001A	54,86
10	460	385	1	241.1003A	68,45
12	235	155	1	241.1200A	47,89
12	320	250	1	241.1201A	55,89
12	460	385	1	241.1203A	72,80
14	235	135	1	241.1400A	47,54
14	320	250	1	241.1401A	52,83
14	380	310	1	241.1402A	67,04
14	460	385	1	241.1403A	72,65
16	235	155	1	241.1600A	51,99
16	320	250	1	241.1601A	57,69
16	460	385	1	241.1603A	78,21
18	235	155	1	241.1800A	55,43

d ₁	l ₁	l ₂	pcs/PU	Item no.	€ / PU
18	320	250	1	241.1801A	62,00
18	460	385	1	241.1803A	80,72
20	235	155	1	241.2000A	52,05
20	320	250	1	241.2001A	62,63
20	460	385	1	241.2003A	85,51
22	235	155	1	241.2200A	57,78
22	320	250	1	241.2201A	66,85
22	460	385	1	241.2203A	94,58
24	320	250	1	241.2401A	70,93
24	460	385	1	241.2403A	101,70
26	320	250	1	241.2601A	79,84
26	460	385	1	241.2603A	108,87
26	650	580	1	241.2604A	145,31
28	320	250	1	241.2801A	83,40
28	460	385	1	241.2803A	116,56
30	320	250	1	241.3001A	95,79
30	460	385	1	241.3003A	126,37

Auger bit, Elite ECO



Axial grooves

The innovative solution of the axial grooves on the drilling head results in technical advantages, which have an economical effect. Lower warmth development, up to 40 % less stress on the drilling machine (longer battery life time), quicker drilling and longer service life!



Multi-functional interface

This proven connection interface is compatible with the complete range of accessories from countersinks, extensions and adapters.



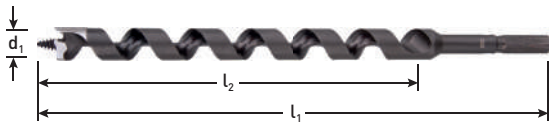
Sunken stepped drilling head

The sunken stepped drilling head achieves lower total friction during drilling. Very low stress behind the stepped drilling head which allows a very efficient chip flow, also in extremely deep drillings! Higher rotations than in common auger bits are possible.



Corrosion resistant surface

High corrosion resistance and low friction due to the special surface treatment. The coating results in a longer tool life when drilling in damp wood. Particularly recommended for shipbuilding works, in humid areas and in areas where there is contact with **salt water**.



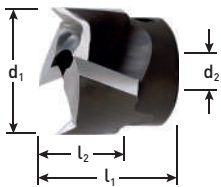
d ₁	l ₁	l ₂	pcs/PU	Item no.	€ / PU
12	320	250	1	241.1201E	38,05
12	460	390	1	241.1203E	58,38
14	320	250	1	241.1401E	39,69
14	460	390	1	241.1403E	62,48
16	320	250	1	241.1601E	41,86
16	460	390	1	241.1603E	69,35

Execution: Coated version with a thread tip for minimum force required through autonomous forward feed. Special coating for high corrosion resistance and low friction. Besides the drill body that is cylindrically shouldered, additional relief grooves at the cutting head reduce friction. Different diameters and lengths on request.

Application: For deep boreholes in soft and hard wood where low energy input is required and portable machines are used. Especially suited for wet wood or in a damp surrounding. e.g. ship construction or water engineering.

d ₁	l ₁	l ₂	pcs/PU	Item no.	€ / PU
18	320	250	1	241.1801E	47,08
18	460	390	1	241.1803E	71,79
20	320	250	1	241.2001E	52,88
20	460	390	1	241.2003E	80,11
22	320	250	1	241.2201E	57,79
22	460	390	1	241.2203E	92,00

HSS Shell countersink, for auger bits GOLD-LINE and Elite ECO

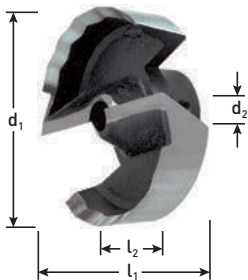


Execution: HSS Countersink suitable auger bits of type 'GOLD-LINE' (241) and 'Elite ECO' (241E) diameter ø12-40mm.

Application: For rational boring and countersinking of deepenings for plates and washers in one step. e.g. countersinking washers and screws in structural composite lumber. Speed : 500-1000 rev/min.

d ₁	l ₁	l ₂	d ₂	pcs/PU	Item no.	€ / PU
25	25	16	12	1	241.9001	195,54
30	28	18	12	1	241.9004	188,93
35	32	20	12	1	241.9002	314,68
40	32	20	12	1	241.9005	265,58
45	38	25	12	1	241.9003	347,35

WS Countersink, Wave-Cutter



Execution: WS Countersink suitable auger bits of type 'GOLD-LINE' (241) and 'Elite ECO' (241E) diameter ø12-32mm.

Application: For rational boring and countersinking of deepenings for plates and washers in one step. Especially for use in woodworking areas. Speed : 500-1000 rev/min.

d ₁	l ₁	l ₂	d ₂	pcs/PU	Item no.	€ / PU
40	38	15	12	1	241.9010	160,19
45	38	15	12	1	241.9011	162,06
50	38	17	12	1	241.9012	163,51
62	38	20	12	1	241.9013	165,05
65	38	21	12	1	241.9014	180,44
75	38	23	12	1	241.9015	200,79
85	40	25	12	1	241.9016	215,08

Adapter, for 'GOLD-LINE' and 'Elite ECO' auger drill bits



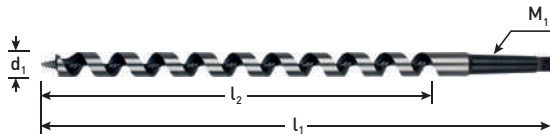
Execution: Adapters made from tool steel, suitable for auger bits 'GOLD-LINE' and 'Elite ECO' from $\varnothing 12$ mm up to $\varnothing 40$ mm

Application: For machines with MT2, Mafell or SDS-plus chucks. The adapter is mounted with 2 set screws.

Shank	l_1	pcs/PU	Item no.	€ / PU
Morse taper [MT]	90	1	241.9501	78,12
Mafell	90	1	241.9502	78,12
SDS-plus	90	1	241.9503	78,12

242

Auger bit, GOLD-LINE, Azobé, with MT-shank



Execution: With screw point, 1 cutting edge, shank MT2. Shank MT1 is available in all diameters upon request.

Application: For use by Carpenters to bore through rafters and uprights used in railroad, ship and fence construction. Equally efficient for boring through exotic woods like Bongosi/Azobe, Jarrah/ Karri etc.



d_1	l_1	l_2	M_1	pcs/PU	Item no.	€ / PU
12	235	155	MT 2	1	242.1200A	120,70
12	320	250	MT 2	1	242.1201A	129,51
12	480	380	MT 2	1	242.1203A	134,18
14	235	155	MT 2	1	242.1400A	117,16
14	320	250	MT 2	1	242.1401A	130,00
14	380	280	MT 2	1	242.1402A	111,11
14	480	380	MT 2	1	242.1403A	144,41
16	235	155	MT 2	1	242.1600A	124,54
16	320	250	MT 2	1	242.1601A	131,07
16	480	380	MT 2	1	242.1603A	146,71
18	235	155	MT 2	1	242.1800A	123,18
18	320	250	MT 2	1	242.1801A	135,17
18	480	380	MT 2	1	242.1803A	148,97
20	235	155	MT 2	1	242.2000A	129,51

d_1	l_1	l_2	M_1	pcs/PU	Item no.	€ / PU
20	320	250	MT 2	1	242.2001A	139,76
20	480	380	MT 2	1	242.2003A	156,45
22	235	155	MT 2	1	242.2200A	129,51
22	320	250	MT 2	1	242.2201A	143,82
22	480	380	MT 2	1	242.2203A	144,36
24	320	250	MT 2	1	242.2401A	147,91
24	480	380	MT 2	1	242.2403A	157,73
26	320	250	MT 2	1	242.2601A	156,60
26	460	385	MT 2	1	242.2603A	170,96
26	650	580	MT 2	1	242.2605A	227,46
28	320	250	MT 2	1	242.2801A	160,30
28	480	380	MT 2	1	242.2803A	189,36
30	320	250	MT 2	1	242.3001A	172,48
30	480	380	MT 2	1	242.3003A	200,83

243

Auger bit, GOLD-LINE, with SDS-plus-shank



Execution: With screw point, 1 cutting edge, shank SDS-plus.

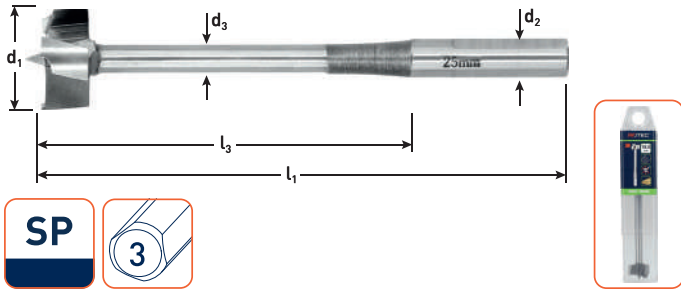
Application: Suitable for soft and hard wood. This bit can be modified (at extra charges) for continuous use in exotic wood types like Azobé, Bankirai etc. Please add the letter 'A' to the existing item number i.e. '243.1802A'.



d_1	l_1	l_2	pcs/PU	Item no.	€ / PU
6	200	130	1	243.0601	31,65
6	250	180	1	243.0602	35,03
8	250	180	1	243.0802	35,03
8	400	330	1	243.0805	56,42
10	250	180	1	243.1002	35,03
10	400	330	1	243.1005	56,21
12	250	180	1	243.1202	39,29
12	400	330	1	243.1205	56,21
14	250	180	1	243.1402	43,69

d_1	l_1	l_2	pcs/PU	Item no.	€ / PU
14	400	330	1	243.1405	66,77
16	250	180	1	243.1602	47,07
18	250	180	1	243.1802	58,71
18	400	330	1	243.1805	87,70
20	350	280	1	243.2004	71,28
22	250	130	1	243.2202	74,11
22	400	330	1	243.2205	110,30
26	350	280	1	243.2604	114,23

244 Multi-angle wood drill bit



Execution: Multi-angle wood drill bit made of high-quality SP steel (special steel). The ground shank with 3 flats prevents slipping in the drill chuck. The highly sharpened cutting edges and the in diameter reduced neck allows the drill to be used in any direction.

Application: Drilling at lightning speed: 2x faster than with a standard drill bit! Countersinking, milling, cutting and even drilling curved holes in hard and soft wood.

d ₁	l ₃	l ₁	d ₃	d ₂	Z	pcs/PU	Item no.	€ / PU
7	74	115	4,0	6,5	3	1	244.0070	18,50
10	86	130	4,8	6,8	3	1	244.0100	18,50
12	86	130	4,8	6,8	3	1	244.0120	19,00
15	86	130	5,8	7,8	3	1	244.0150	19,50
18	86	130	5,8	7,8	3	1	244.0180	19,50
20	86	130	5,8	7,8	3	1	244.0200	19,95
25	86	130	6,8	9,2	3	1	244.0250	21,50

Mutiangle wood drill bit set, in plastic case

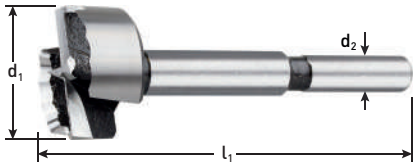


Execution: Multi-angle wood drill bit made of high-quality SP steel (special steel). The ground shank with 3 flats prevents slipping in the drill chuck. The highly sharpened cutting edges and the in diameter reduced neck allows the drill to be used in any direction.

Application: Drilling at lightning speed: 2x faster than with a standard drill bit! Countersinking, milling, cutting and even drilling curved holes in hard and soft wood.

Description	Type	Content	pcs/PU	Item no.	€ / PU
6 pc multi-angle drill bit set	244	1x ø10, 12, 15, 18, 20 and 25	1	244.9000	129,50

246 Forstner bit 'Wave-Cutter'



Execution: DIN 7483G, with center point, with patented wavy periphery cutting edge, 2 lifters and shank with 3 flats, in premium quality. Other dimensions and specifications on request.

Application: For drilling splinter-free, true to size blind holes, for edge drillings and slant drillings in softwood and hardwood. The wavy peripheral cutting edge prevents the edges from wearing out. Easy and effortless cutting due to ideal cutting geometries.

d ₁	l ₁	d ₂	pcs/PU	Item no.	€ / PU
10	90	8	1	246.0100	25,30
12	90	8	1	246.0120	24,85
15	90	8	1	246.0150	31,97
16	90	8	1	246.0160	32,18
18	90	8	1	246.0180	32,46
19	90	10	1	246.0190	32,73
20	90	8	1	246.0200	32,73
22	90	8	1	246.0220	33,91
23	90	10	1	246.0230	37,18
24	90	8	1	246.0240	37,18
25	90	8	1	246.0250	37,58
26	90	8	1	246.0260	37,93
28	90	8	1	246.0280	38,34
30	90	8	1	246.0300	38,49
32	90	10	1	246.0320	38,76
33	90	10	1	246.0330	40,49

d ₁	l ₁	d ₂	pcs/PU	Item no.	€ / PU
34	90	10	1	246.0340	40,49
35	90	10	1	246.0350	40,75
36	90	10	1	246.0360	46,23
38	90	10	1	246.0380	46,23
40	90	10	1	246.0400	46,51
42	90	10	1	246.0420	49,62
44	90	10	1	246.0440	51,97
45	90	10	1	246.0450	51,97
46	90	10	1	246.0460	56,35
48	90	10	1	246.0480	58,54
50	90	10	1	246.0500	58,54
51	90	10	1	246.0510	106,29
60	90	10	1	246.0600	106,29
68	90	10	1	246.0680	124,64
70	90	12	1	246.0700	135,71

900 Forstner drill bit set 'Wave-Cutter', in wooden case



Execution: DIN 7483G, with center point, with patented wavy periphery cutting edge, 2 lifters and shank with 3 flats, in premium quality. Other dimensions and specifications on request.

Application: For drilling splinter-free, true to size blind holes, for edge drillings and slant drillings in softwood and hardwood. The wavy peripheral cutting edge prevents the edges from wearing out. Easy and effortless cutting due to ideal cutting geometries.

Description	Type	Content	pcs/PU	Item no.	€ / PU
5 piece Forstner drill bit set	246	1x ø15, 20, 25, 30 and 35 / 1 piece each	1	900.1070	211,41

246 Extension for Forstner drill bits



d ₁	d ₂	l ₁	D ₃	pcs/PU	Item no.	€ / PU
8	8	330	16	1	246.9000	62,98
10	10	330	18	1	246.9001	62,98
10	10	230	18	1	246.9002	48,77

246 Multi-Function 'Wave-Cutter'



Execution: Similar to DIN 7483G, exchangeable center point and center drill bit, with patented wavy periphery cutting edge, 2 lifters and taper shank with 3 flats.

Application: The new WAVE CUTTER Forstner Bit is MULTI-FUNCTIONAL and can be used for many different applications.

- Precise drilling at an extreme angle
- Exchangeable center point and center drill bit
- Using a new connection technology without screwing
- Quick connection of extensions with the new connection technology
- Extension with Morse taper adapter for wood turners available
- 100% true running accuracy

d ₁	l ₁	d ₂	pcs/PU	Item no.	€ / PU
15	90	10	1	246.1150	68,24
16	90	10	1	246.1160	68,24
18	90	10	1	246.1180	71,98
20	90	10	1	246.1200	75,78
22	90	10	1	246.1220	77,99
25	90	10	1	246.1250	84,70

d ₁	l ₁	d ₂	pcs/PU	Item no.	€ / PU
30	90	10	1	246.1300	95,15
35	90	10	1	246.1350	111,89
40	90	10	1	246.1400	129,27
45	90	10	1	246.1450	155,85
50	90	10	1	246.1500	176,27

900 Multi-Function 'Wave-Cutter' set, in wooden case



Execution: Similar to DIN 7483G, exchangeable center point and center drill bit, with patented wavy periphery cutting edge, 2 lifters and taper shank with 3 flats.

Application: The new WAVE CUTTER Forstner Bit is MULTI-FUNCTIONAL and can be used for many different applications.

- Precise drilling at an extreme angle
- Exchangeable center point and center drill bit
- Using a new connection technology without screwing
- Quick connection of extensions with the new connection technology
- Extension with Morse taper adapter for wood turners available
- 100% true running accuracy

Description	Type	Content	pcs/PU	Item no.	€ / PU
11 piece MF Wave-Cutter set	246	1x ø15, 20, 25, 30 and 35mm 1x extension 93mm 1x dismantling tool 2x centering drill bit 2x centering tip	1	900.1076	530,77
11 piece MF Wave-Cutter set	246	1x ø20, 22, 25, 30 and 35mm 1x extension 93mm 1x dismantling tool 2x centering drill bit 2x centering tip	1	900.1077	540,51
11 piece MF Wave-Cutter set	246	1x ø25, 30, 35, 40 and 50mm 1x extension 150mm 1x dismantling tool 2x centering drill bit 2x centering tip	1	900.1078	696,17
17 piece MF Wave-Cutter set	246	1x ø15, 20, 22, 25, 30, 35, 40, 45 and 50mm 1x extension 150 and 250mm 1x adapter MT2 1x dismantling tool 2x centering drill bit 2x centering tip	1	900.1079	1.202,78

246 Multi-Function 'Wave-Cutter', accessories



Nr.	Description	pcs/PU	Item no.	€ / PU
1	Extension 93mm	1	246.1900	54,46
1	Extension 150mm	1	246.1901	59,16
1	Extension 250mm	1	246.1902	64,83
2	Adapter MT2	1	246.1903	105,47
3	Dismantling tool	1	246.1904	42,91
4	Centering tip ø4 x 24mm	5	246.1905	61,11
5	Centering drill bit ø4 x 40mm	3	246.1906	43,40

247

Forstner drill bit, TCT



Execution: TCT, with small center point, 2 spurs, 2 cutters, with reduced, cylindrical shank. Other diameters and specifications on request. Tightest tolerance. Shank 10 x 30 mm.

Application: For drilling smooth and precise holes in hard wood, laminated wood, chipboards and plastic coated material.
Speed: 1.200-6.000 rev/min

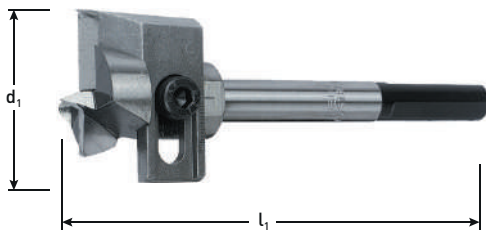
TCT

d ₁	l ₁	d ₂	pcs/PU	Item no.	€ / PU
10	90	10	1	247.0100	67,20
11	90	10	1	247.0110	70,26
12	90	10	1	247.0120	70,32
13	90	10	1	247.0130	72,26
14	90	10	1	247.0140	72,26
15	90	10	1	247.0150	72,32
16	90	10	1	247.0160	73,95
17	90	10	1	247.0170	75,93
18	90	10	1	247.0180	75,98
19	90	10	1	247.0190	77,43
20	90	10	1	247.0200	77,43
21	90	10	1	247.0210	83,65
22	90	10	1	247.0220	83,65
23	90	10	1	247.0230	85,95
24	90	10	1	247.0240	85,95
25	90	10	1	247.0250	86,15
26	90	10	1	247.0260	87,69
27	90	10	1	247.0270	89,89
28	90	10	1	247.0280	90,00

d ₁	l ₁	d ₂	pcs/PU	Item no.	€ / PU
29	90	10	1	247.0290	91,94
30	90	10	1	247.0300	92,06
31	90	10	1	247.0310	98,78
32	90	10	1	247.0320	98,84
33	90	10	1	247.0330	99,03
34	90	10	1	247.0340	99,09
35	90	10	1	247.0350	99,22
36	90	10	1	247.0360	108,25
38	90	10	1	247.0380	114,11
40	90	10	1	247.0400	116,59
42	90	10	1	247.0420	133,78
44	90	10	1	247.0440	140,08
45	90	10	1	247.0450	141,45
48	90	10	1	247.0480	144,63
50	90	10	1	247.0500	145,56
52	90	10	1	247.0520	169,60
54	90	10	1	247.0540	188,47
55	90	10	1	247.0550	196,31
60	90	10	1	247.0600	198,63

248

Universal bit, adjustable



Execution: Special steel, adjustable, with 2 exchangeable cutters and a suitable Allen key.

Application: For fast drilling in pine wood, beech wood and oak wood as well as in hardboard, sturdy quality.

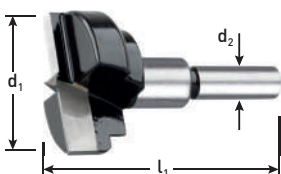
d (min-max)	l ₁	Shank	pcs/PU	Item no.	€ / PU
22 - 52	140	Cylindrical, 3-flats	1	248.0005	269,92

SP



249

Hinge drill bit



Execution: Tungsten carbide tipped hinge drill bits with centring point and two carbide cutters.

Application: Precise and accurate hole for the mounting of hinges in all kinds of wood, particle board and hard plastic laminated boards.
Only for stationary use!

d ₁	l ₁	d ₂	pcs/PU	Item no.	€ / PU
26	58	8	1	249.0260	24,45
30	58	8	1	249.0300	24,61
35	58	8	1	249.0350	24,71

TCT

251

Tenon plug cutter, Premium



Execution: DIN 7489, peripheral cutter, multi-cutting, cylindrical shank. Available in special steel. On request in HS and TCT, with special lengths for specimen and shanks like morse cone and inner thread.

Application: For improving knot-holes, making tenons, or special length plugs. The tenon cutters have an excess of 0,1 mm to permit the exact seating of the knot-hole dowels.

SP

d ₁	l ₁	l ₂	d ₂	Z	pcs/PU	Item no.	€ / PU
6	140	80	13	4	1	251.0600	101,00
8	140	80	13	4	1	251.0800	101,24
10	140	80	13	4	1	251.1000	102,28
12	140	80	13	4	1	251.1200	108,08
13	140	80	13	4	1	251.1300	110,54
14	140	80	13	4	1	251.1400	110,62
15	140	80	13	4	1	251.1500	110,91
16	140	80	13	4	1	251.1600	133,26
18	140	80	13	4	1	251.1800	133,31
20	140	80	13	5	1	251.2000	133,37
22	140	80	13	5	1	251.2200	139,54
25	140	80	13	5	1	251.2500	139,61

d ₁	l ₁	l ₂	d ₂	Z	pcs/PU	Item no.	€ / PU
30	140	80	13	5	1	251.3000	144,97
32	140	80	13	5	1	251.3200	166,25
35	160	100	16	5	1	251.3500	168,60
40	160	100	16	6	1	251.4000	194,51
45	160	100	16	6	1	251.4500	218,15
50	160	100	16	6	1	251.5000	250,65
55	160	100	16	6	1	251.5500	345,54
60	160	100	16	6	1	251.6000	329,61
65	160	100	16	8	1	251.6500	434,43
70	160	100	16	8	1	251.7000	514,13
80	160	100	16	8	1	251.8000	687,86

900

Tenon plug cutter set, Premium, in wooden case



Execution: DIN 7489, peripheral cutter, multi-cutting, cylindrical shank. Available in special steel. On request in HS and TCT, with special lengths for specimen and shanks like morse cone and inner thread.

Application: For improving knot-holes, making tenons, or special length plugs. The tenon cutters have an excess of 0,1 mm to permit the exact seating of the knot-hole dowels.

Description	Type	Content	pcs/PU	Item no.	€ / PU
5 pc set tenon plug cutters	251	ø15, 20, 25, 30 and 35mm / 1 piece each	1	900.1080	801,98

900

Tenon plug cutter and Forstner drill bit set, Premium, in wooden case



Execution: Tenon plug cutters (251):
DIN 7489, peripheral cutter, multi-cutting, cylindrical shank. Available in special steel. On request in HS and TCT, with special lengths for specimen and shanks like morse cone and inner thread.

Forstner drill bits (245):
DIN 7483 G, with center point, 2 cutters, 2 spurs, and reduced cylindrical shank. Other diameters and specifications on request.

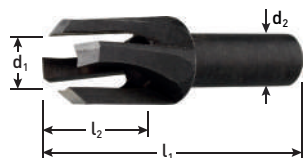
Application: Tenon plug cutters (251):
For improving knot-holes, making tenons, or special length plugs. The tenon cutters have an excess of 0,1 mm to permit the exact seating of the knot-hole dowels.

Forstner drill bits (245):
For drilling smooth and precise holes in soft and hard woods and laminates. For use in portable power drills and stationary boring machines.

Description	Type	Content	pcs/PU	Item no.	€ / PU
6 pc tenon plug cutters and forstner drill bit set	251 & 245	ø15, 20 en 25mm / 1 piece of each model	1	900.1085	576,17
6 pc tenon plug cutters and forstner drill bit set	251 & 245	ø25, 30 en 50mm / 1 piece of each model	1	900.1086	993,39
10 pc tenon plug cutters and forstner drill bit set	251 & 245	ø8, 10, 12, 15 and 20mm / 1 piece of each model	1	900.1087	810,26
10 pc tenon plug cutters and forstner drill bit set	251 & 245	ø15, 20, 25, 30 and 35mm / 1 piece of each model	1	900.1088	1.030,14

251

Tenon plug cutter, Standard



Execution: Tapered tenon plug cutter, 1,5 degree. CV-steel.

Application: To produce perfectly cylindrical plugs.

d_1	l_1	l_2	d_2	Z	pcs/PU	Item no.	€ / PU
8	53	18	10	4	1	251.9080	35,22
10	53	18	10	4	1	251.9100	34,99
12	53	18	10	4	1	251.9120	41,59
15	53	18	10	4	1	251.9150	44,42

Router bits, GOLD-LINE

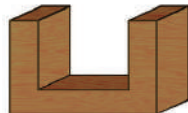
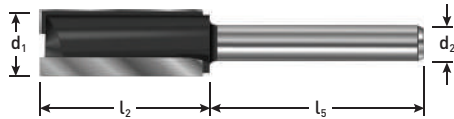


All GOLD-LINE router bits are supplied in a 'Twist-Pack' that securely clamps the bit when locked. To open the pack and release the bit, or to secure the bit and close the pack, just rotate the top lid by 45 degrees.



271

TCT Straight cutter, GOLD-LINE



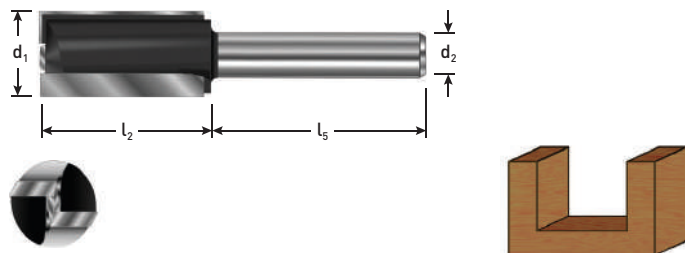
Execution: Two flutes for clean finish. For work in abrasive materials such as chipboard, MDF, plywood and hardwood. For grooving, rebating and mortising. (ø2 = Z1)

d ₁	l ₂	l ₅	d ₂	pcs/PU	Item no.	€/PU
2	6	32	8	1	271.01.0200	40,32
3	8	32	8	1	271.01.0300	42,89
5	12	32	8	1	271.01.0500	30,94
5	16	32	8	1	271.01.0501	30,86
5	20	32	8	1	271.01.0502	68,57
6	19	32	8	1	271.01.0600	31,02
6	25	32	8	1	271.01.0601	30,82
8	20	32	8	1	271.01.0800	32,54
8	30	32	8	1	271.01.0801	34,85
10	20	32	8	1	271.01.1000	34,16
10	30	32	8	1	271.01.1001	37,25
12	20	32	8	1	271.01.1200	34,03
12	32	32	8	1	271.01.1201	37,34
12	38	32	8	1	271.01.1202	42,32
12	50	32	8	1	271.01.1203	49,54
14	20	32	8	1	271.01.1400	34,43
14	30	32	8	1	271.01.1401	40,60
15	20	32	8	1	271.01.1500	38,85
15	30	32	8	1	271.01.1501	44,58
16	20	32	8	1	271.01.1600	40,64
16	32	32	8	1	271.01.1601	30,78
16	38	32	8	1	271.01.1602	48,63
16	50	32	8	1	271.01.1603	59,73
18	20	32	8	1	271.01.1800	42,70
18	30	32	8	1	271.01.1801	44,58
20	20	32	8	1	271.01.2000	42,93
20	30	32	8	1	271.01.2001	46,78
22	20	32	8	1	271.01.2200	46,70
22	30	32	8	1	271.01.2201	52,70
24	20	32	8	1	271.01.2400	48,60
25	20	32	8	1	271.01.2500	48,63

d ₁	l ₂	l ₅	d ₂	pcs/PU	Item no.	€/PU
25	30	32	8	1	271.01.2501	59,30
5	12	40	12	1	272.01.0500	30,63
5	16	40	12	1	272.01.0501	30,63
5	20	40	12	1	272.01.0502	68,33
6	19	40	12	1	272.01.0600	30,86
6	25	40	12	1	272.01.0601	32,13
8	20	40	12	1	272.01.0800	32,27
8	30	40	12	1	272.01.0801	35,00
10	20	40	12	1	272.01.1000	33,88
10	30	40	12	1	272.01.1001	37,22
12	20	40	12	1	272.01.1200	34,07
12	32	40	12	1	272.01.1201	37,22
12	38	40	12	1	272.01.1202	42,01
12	50	40	12	1	272.01.1203	49,54
14	20	40	12	1	272.01.1400	33,88
14	30	40	12	1	272.01.1401	40,67
15	20	40	12	1	272.01.1500	38,85
16	20	40	12	1	272.01.1600	40,46
16	32	40	12	1	272.01.1601	44,46
16	50	40	12	1	272.01.1603	59,55
18	20	40	12	1	272.01.1800	42,70
18	30	40	12	1	272.01.1801	44,46
20	20	40	12	1	272.01.2000	42,55
20	30	40	12	1	272.01.2001	46,61
22	20	40	12	1	272.01.2200	46,70
22	30	40	12	1	272.01.2201	52,70
24	20	40	12	1	272.01.2400	48,81
25	20	40	12	1	272.01.2500	48,57
25	30	40	12	1	272.01.2501	58,96

TCT Straight cutter, center tip, GOLD-LNE

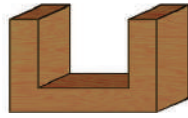
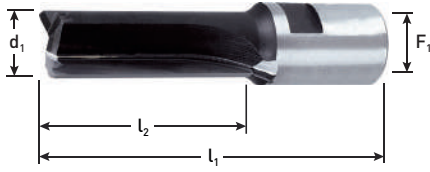
Execution: Two flutes for clean finish. Suitable for plunge. For work in abrasive materials such as chipboard, MDF, plywood and hardwood. For grooving, rebating and mortising.



d ₁	l ₂	l ₅	d ₂	pcs/PU	Item no.	€ / PU
3	8	32	8	1	271.02.0300	42,01
5	20	32	8	1	271.02.0500	68,55
6	20	32	8	1	271.02.0600	68,57
7	20	32	8	1	271.02.0700	63,92
8	20	32	8	1	271.02.0800	46,61
8	30	32	8	1	271.02.0801	46,60
8	30	58	8	1	271.02.0802	46,70
9	20	32	8	1	271.02.0900	44,58
10	20	32	8	1	271.02.1000	44,58
10	30	58	8	1	271.02.1001	51,19
11	20	32	8	1	271.02.1100	44,75
12	20	32	8	1	271.02.1200	51,77
12	30	32	8	1	271.02.1201	58,91
12	30	58	8	1	271.02.1202	59,03
12	38	32	8	1	271.02.1203	65,08
12	50	32	8	1	271.02.1204	76,35
12	63	32	8	1	271.02.1205	94,36
13	20	32	8	1	271.02.1300	50,48
14	20	32	8	1	271.02.1400	54,97
14	30	32	8	1	271.02.1401	67,77
14	30	58	8	1	271.02.1402	67,07
15	20	32	8	1	271.02.1500	54,87
16	20	32	8	1	271.02.1600	58,96
16	20	50	8	1	271.02.1601	60,99
16	30	32	8	1	271.02.1602	70,88
16	30	58	8	1	271.02.1603	71,16
16	38	32	8	1	271.02.1604	80,24
16	50	32	8	1	271.02.1605	98,70
18	20	32	8	1	271.02.1800	62,62
18	20	50	8	1	271.02.1801	64,70
18	30	32	8	1	271.02.1802	77,17
20	20	32	8	1	271.02.2000	65,64
20	20	50	8	1	271.02.2001	67,03
20	32	32	8	1	271.02.2002	79,40
22	20	32	8	1	271.02.2200	68,76
22	20	50	8	1	271.02.2201	63,57
22	30	32	8	1	271.02.2202	85,96
24	20	32	8	1	271.02.2400	73,66
25	20	32	8	1	271.02.2500	73,02
28	20	32	8	1	271.02.2800	81,13
30	20	32	8	1	271.02.3000	87,47

d ₁	l ₂	l ₅	d ₂	pcs/PU	Item no.	€ / PU
3	8	40	12	1	272.02.0300	35,25
4	12	40	12	1	272.02.0400	47,94
5	20	40	12	1	272.02.0500	68,49
8	20	40	12	1	272.02.0800	44,37
8	30	40	12	1	272.02.0801	46,54
10	20	40	12	1	272.02.1000	44,37
10	30	40	12	1	272.02.1001	50,56
10	35	55	12	1	272.02.1002	61,43
12	20	40	12	1	272.02.1200	50,51
12	30	40	12	1	272.02.1201	59,39
12	38	40	12	1	272.02.1202	64,81
12	50	40	12	1	272.02.1203	76,08
12	63	40	12	1	272.02.1204	94,20
14	20	40	12	1	272.02.1400	54,62
14	30	40	12	1	272.02.1401	66,94
14	35	55	12	1	272.02.1402	71,88
15	20	40	12	1	272.02.1500	54,62
15	35	55	12	1	272.02.1501	68,92
16	20	40	12	1	272.02.1600	58,68
16	30	40	12	1	272.02.1601	70,71
16	38	40	12	1	272.02.1602	79,90
16	50	40	12	1	272.02.1603	98,54
16	60	50	12	1	272.02.1604	106,01
18	35	55	12	1	272.02.1801	81,38
18	60	50	12	1	272.02.1802	115,29
20	20	40	12	1	272.02.2000	64,81
20	32	40	12	1	272.02.2001	79,28
20	35	55	12	1	272.02.2002	81,54
20	60	50	12	1	272.02.2003	124,72
22	20	40	12	1	272.02.2200	68,76
22	35	55	12	1	272.02.2202	89,17
22	60	50	12	1	272.02.2204	132,84
24	20	40	12	1	272.02.2400	75,21
24	35	55	12	1	272.02.2401	88,33
24	40	50	12	1	272.02.2402	92,79
25	20	40	12	1	272.02.2500	66,65
25	35	55	12	1	272.02.2501	88,65
26	42	50	12	1	272.02.2600	97,05
28	42	50	12	1	272.02.2801	100,33
30	35	55	12	1	272.02.3000	104,28
35	35	55	12	1	272.02.3500	139,47

TCT Straight cutter, M12x1, GOLD-LINE



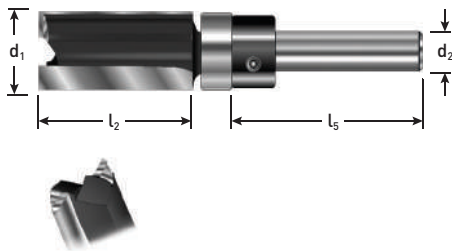
Execution: With two straightcutting edges, for ground cutting. Inside thread M12x1, for centric chucks. Right-hand cutting. Other diameters and specifications on request.

Application: For cutting, grooving and mortising in soft and hard woods as well as in laminated material. Suitable for automatic feed and hand driven advance.
Speed: 15000–24000 RPM.
Feed rate: up to 8 m/min.

d ₁	l ₁	l ₂	F ₁	pcs/PU	Item no.	€/PU
8	67	35	MF12x1	1	271.03.0800	62,47
10	67	35	MF12x1	1	271.03.1000	105,01
12	67	35	MF12x1	1	271.03.1200	73,92
12	72	40	MF12x1	1	271.03.1201	67,77
12	77	45	MF12x1	1	271.03.1202	73,20
14	67	35	MF12x1	1	271.03.1400	107,24
14	72	40	MF12x1	1	271.03.1401	67,63
14	77	45	MF12x1	1	271.03.1402	89,77
14	92	60	MF12x1	1	271.03.1403	109,23
16	72	40	MF12x1	1	271.03.1600	130,50

d ₁	l ₁	l ₂	F ₁	pcs/PU	Item no.	€/PU
16	77	45	MF12x1	1	271.03.1601	81,05
18	77	45	MF12x1	1	271.03.1800	76,88
18	92	60	MF12x1	1	271.03.1801	86,03
20	67	35	MF12x1	1	271.03.2000	111,08
20	77	45	MF12x1	1	271.03.2001	77,46
20	92	60	MF12x1	1	271.03.2002	123,97
22	72	40	MF12x1	1	271.03.2200	81,65
25	67	35	MF12x1	1	271.03.2500	128,76
25	77	45	MF12x1	1	271.03.2501	130,06

TCT Straight cutter, guide bearing, GOLD-LINE

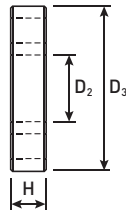
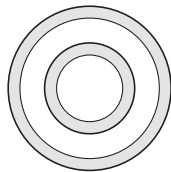


Execution: Two flutes for clean finish. Suitable for plunge. Can be used as straight bit and as trimmer. Used for template work when the template is above the worked material. Exchangeable ball bearing. And also suitable for use with curve-shaping tools.

d ₁	l ₂	l ₅	d ₂	pcs/PU	Item no.	€/PU
12,7	25	32	8	1	271.04.1271	48,74
16	19	32	8	1	271.04.1600	55,52
16	25	32	8	1	271.04.1601	58,96

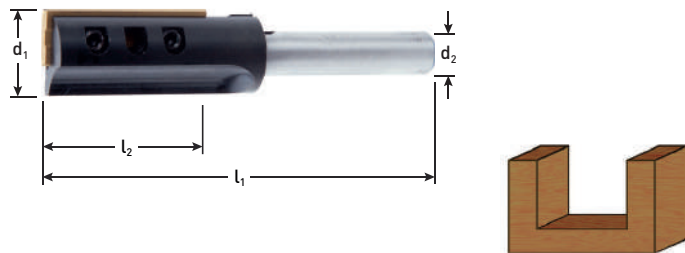
d ₁	l ₂	l ₅	d ₂	pcs/PU	Item no.	€/PU
19	25	32	8	1	271.04.1900	66,19
22	25	32	8	1	271.04.2200	65,64

Guide bearing



D ₃	H (mm)	D ₂	pcs/PU	Item no.	€/PU
12	3,5	8	1	273.01.1208	20,83
16	5	8	1	273.01.1608	20,10
19	6	8	1	273.01.1908	20,87
22	7	8	1	273.01.2208	20,50

TCT Straight cutter, insert, GOLD-LINE

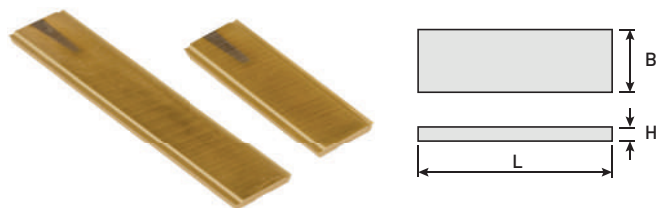


Execution: A unique tool. When used intensively, tools with inserts generally have advantages compared to conventional tools. No more resharping makes the tool ready for use at all times and with a constant diameter. Inserts have 2 or more cutting edges. Due to its unique blade clamping design, these tools are equipped with an optimally sized chip space. The inserts with sintered chip breakers offer optimized cutting angles, even in the smaller diameters, starting from ø8.

d ₁	l ₁	l ₂	d ₂	pcs/PU	Item no.	€ / PU
8	63	20	8	1	271.05.0800	143,77
10	63	20	8	1	271.05.1000	143,20
12	63	20	8	1	271.05.1200	142,60
14	74	30	8	1	271.05.1400	148,59
15	74	30	8	1	271.05.1500	148,59
16	74	30	8	1	271.05.1600	149,01
18	74	30	8	1	271.05.1800	149,28
20	74	30	8	1	271.05.2000	149,64
22	74	30	8	1	271.05.2200	150,47
8	63	20	12	1	272.05.0800	143,35
10	63	20	12	1	272.05.1000	143,04

d ₁	l ₁	l ₂	d ₂	pcs/PU	Item no.	€ / PU
12	63	20	12	1	272.05.1200	143,20
14	74	30	12	1	272.05.1400	148,07
14	94	50	12	1	272.05.1401	182,84
15	74	30	12	1	272.05.1500	148,51
16	74	30	12	1	272.05.1600	148,82
16	94	50	12	1	272.05.1601	183,23
18	74	30	12	1	272.05.1800	151,33
18	94	50	12	1	272.05.1801	184,19
20	74	30	12	1	272.05.2000	151,20
20	94	50	12	1	272.05.2001	186,53
22	74	30	12	1	272.05.2200	142,38

Carbide insert for 271.05



L (mm)	B (mm)	H (mm)	pcs/PU	Item no.	€ / PU
20	5,5	1,1	1	273.02.2055	28,33
30	10	1,5	1	273.02.3010	33,41
50	10	1,5	1	273.02.5010	36,69

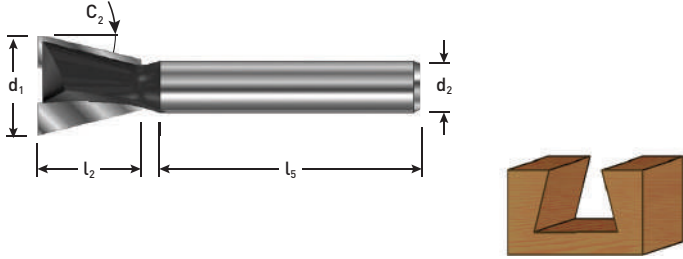
Screw for 271.05



Dimensions (mm)	Suitable for	pcs/PU	Item no.	€ / PU
M2,5 x 3	ø8 - ø12	1	273.03.9000	3,91
M4 x 4	ø14 - ø22	1	273.03.9001	3,17

TCT Dovetail cutter, GOLD-LINE

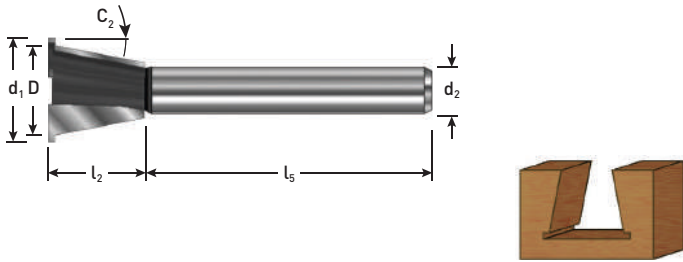
Execution: Two flutes, without side spurs.



d ₁	l ₂	l ₅	C ₂	d ₂	pcs/PU	Item no.	€ / PU
6,35	7,9	32	7,5°	8	1	271.06.0635	27,91
9,5	9,5	32	12°	8	1	271.06.0951	27,91
14,3	12,7	32	14°	8	1	271.06.1430	32,00
14,3	13,5	32	15°	8	1	271.06.1431	31,96
22	22	32	15°	8	1	271.06.2200	44,35
9,5	9,5	40	9°	12	1	272.06.0950	27,81
12,7	12,7	40	14°	12	1	272.06.1270	29,43
14,3	12,7	40	14°	12	1	272.06.1430	31,84
19	19	40	14°	12	1	272.06.1900	39,58
19	22,2	40	7°	12	1	272.06.1901	40,06
25,4	22,2	40	14°	12	1	272.06.2540	48,57

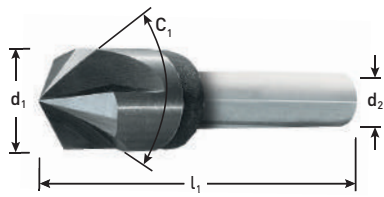
TCT Dovetail cutter, side spurs, GOLD-LINE

Execution: Two flutes, with side spurs.



d ₁	l ₂	l ₅	C ₂	D (mm)	d ₂	pcs/PU	Item no.	€ / PU
14,3	13,5	32	14°	12,7	8	1	271.07.1430	42,36
14,3	13,5	40	14°	12,7	12	1	272.07.1430	42,04

Solid carbide V-Groove bit, GOLD-LINE

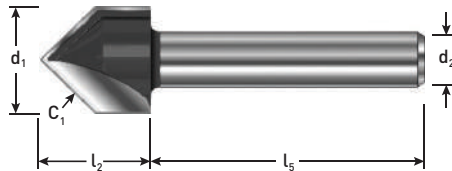


Execution: Solid carbide cutter head with 3 cutting edges, for centric chuck, right-handed use. Other diameters and specification on request.

Application: For cutting V-grooves and decorative grooves and for signmaking in soft and hard wood and laminated material. Speed: 15.000–24.000 rev/min

d ₁	l ₁	C ₁	d ₂	pcs/PU	Item no.	€ / PU
14	65	60°	8	1	271.08.1401	41,46

TCT V-Groove bit, GOLD-LINE



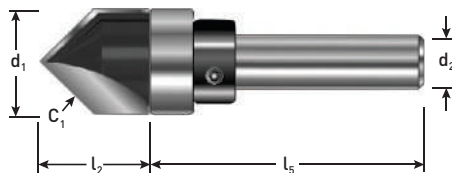
Execution: Suitable for routing machines with high RPM spindles.

Application: Used for bevelling, chamfering and for producing mortar grooves. Can be used for imitating 'V' jointed tongue and groove on man-made board. Can be used for lettering and freehand designs for which the 60° profile is the most likely.

d ₁	l ₂	l ₅	C ₁	d ₂	pcs/PU	Item no.	€ / PU
12,7	15,9	32	60°	8	1	271.09.1270	42,24
19,05	20,6	32	60°	8	1	271.09.1905	63,12
12,7	12,7	32	90°	8	1	271.09.1271	44,35
15,9	12,7	32	90°	8	1	271.09.1590	49,15
19,05	15,9	32	90°	8	1	271.09.1906	57,18

d ₁	l ₂	l ₅	C ₁	d ₂	pcs/PU	Item no.	€ / PU
32	22	32	90°	8	1	271.09.3200	87,16
19,05	15,9	40	90°	12	1	272.09.1906	57,26
32	23,5	40	90°	12	1	272.09.3200	87,04

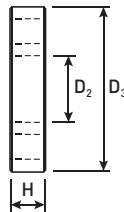
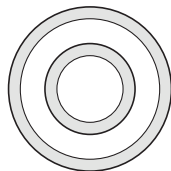
TCT V-Groove bit, guide bearing, GOLD-LINE



Execution: Like a regular V-groove bit, but with a guide bearing on the shank, therefore ideal for use with a simple template.

d ₁	l ₂	l ₅	C ₁	d ₂	pcs/PU	Item no.	€ / PU
12	12	32	90°	8	1	271.10.1200	52,18

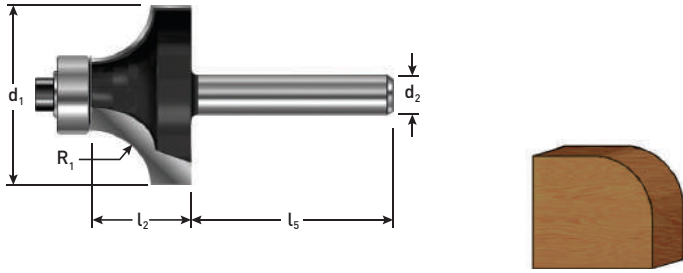
Guide bearing



D ₃	H (mm)	D ₂	pcs/PU	Item no.	€ / PU
12	3,5	8	1	273.01.1208	20,83

TCT Rounding over cutter, guide bearing, GOLD-LINE

Execution: Two flutes, with exchangeable guide bearing.

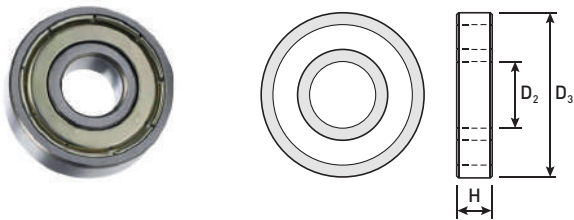


d ₁	l ₂	l ₅	R ₁	d ₂	pcs/PU	Item no.	€ / PU
16,7	9,5	32	2	8	1	271.11.0200	48,28
18,7	9,5	32	3	8	1	271.11.0300	48,33
20,7	9,5	32	4	8	1	271.11.0400	52,40
22,7	9,5	32	5	8	1	271.11.0500	56,68
24,7	12,7	32	6	8	1	271.11.0600	58,57
25,4	12,7	32	6,35	8	1	271.11.0635	61,34
28,6	12,7	32	8	8	1	271.11.0800	62,72
31,8	15,9	32	9,5	8	1	271.11.0950	74,01
32,7	16	32	10	8	1	271.11.1000	74,65
36,7	19	32	12	8	1	271.11.1200	79,74
38,1	19	32	12,7	8	1	271.11.1270	82,91
44,7	22	32	16	8	1	271.11.1600	104,31
16,7	9,5	40	2	12	1	272.11.0200	48,01
18,7	9,5	40	3	12	1	272.11.0300	48,01

d ₁	l ₂	l ₅	R ₁	d ₂	pcs/PU	Item no.	€ / PU
22,7	9,5	40	5	12	1	272.11.0500	56,38
24,7	12,7	40	6	12	1	272.11.0600	58,52
25,4	12,7	40	6,35	12	1	272.11.0635	61,15
28,6	12,7	40	8	12	1	272.11.0800	62,51
31,8	15,9	40	9,5	12	1	272.11.0950	73,68
32,7	16	40	10	12	1	272.11.1000	74,58
36,7	19	40	12	12	1	272.11.1200	79,67
38,1 *	19	40	12,7	12	1	272.11.1270	82,44
44,7	22,2	40	16	12	1	272.11.1600	103,63
50,8	25,4	40	19	12	1	272.11.1900	124,37
57,2	28,6	40	22,2	12	1	272.11.2220	152,58
63,5	31,8	40	24,4	12	1	272.11.2440	167,52
69,9	34,9	40	28,6	12	1	272.11.2860	197,62
76,2	38,1	40	31,8	12	1	272.11.3180	226,08

* Phase-out item, available until stock has depleted

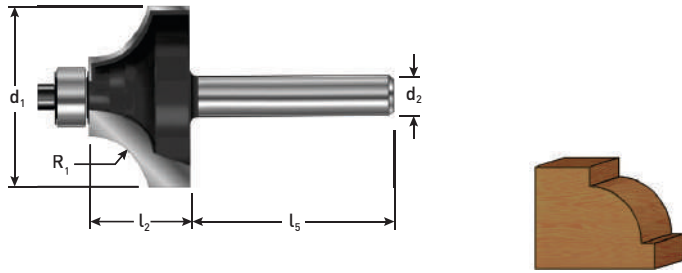
Guide bearing



D ₃	H (mm)	D ₂	pcs/PU	Item no.	€ / PU
12,7	4,76	4,76	1	273.01.1274	18,59

TCT Beading cutter, GOLD-LINE

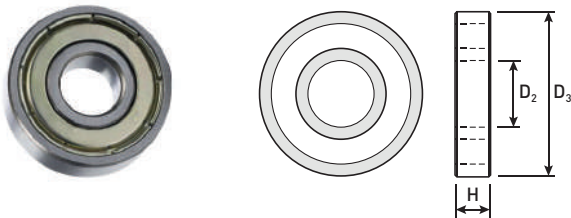
Execution: Two flutes, with exchangeable guide bearing.



d ₁	l ₂	l ₅	R ₁	d ₂	pcs/PU	Item no.	€ / PU
22,7	9,5	32	5	8	1	271.12.0500	56,26
24,7	12,7	32	6	8	1	271.12.0600	58,38
32,7	16	32	10	8	1	271.12.1000	74,55
36,7	19	32	12	8	1	271.12.1200	79,63
16,7	9,5	40	2	12	1	272.12.0200	48,10
18,7	9,5	40	3	12	1	272.12.0300	48,10
20,7	9,5	40	4	12	1	272.12.0400	52,23

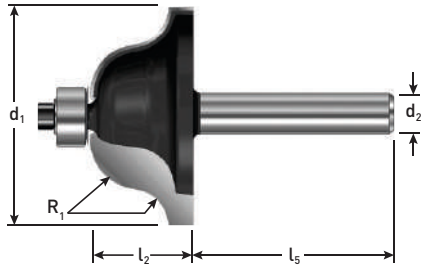
d ₁	l ₂	l ₅	R ₁	d ₂	pcs/PU	Item no.	€ / PU
24,7	12,7	40	6	12	1	272.12.0600	58,38
25,4	12,7	40	6,35	12	1	272.12.0635	61,11
31,8	15,9	40	9,5	12	1	272.12.0950	73,77
38,1	19	40	12,7	12	1	272.12.1270	83,29
57,2	28,6	40	22,2	12	1	272.12.2220	150,03
63,5	31,8	40	25,4	12	1	272.12.2540	168,40
69,9	34,9	40	28,6	12	1	272.12.2860	195,32
76,2	38,1	40	31,75	12	1	272.12.3175	228,05

Guide bearing



D ₃	H (mm)	D ₂	pcs/PU	Item no.	€ / PU
9,52	3,18	4,76	1	273.01.0904	18,59

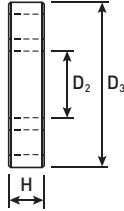
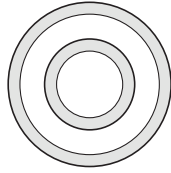
TCT Roman Ogee cutter, GOLD-LINE



Execution: Two flutes, with exchangeable guide bearing.

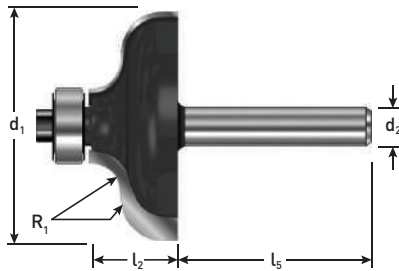
d ₁	l ₂	l ₅	R ₁	d ₂	pcs/PU	Item no.	€ / PU
27	11,9	32	4	8	1	271.13.0400	69,99
34,9	16,6	32	6,35	8	1	271.13.0635	81,83
43	25	32	8	8	1	271.13.0800	103,63
43	25	40	8	12	1	272.13.0800	103,74

Guide bearing



D ₃	H (mm)	D ₂	pcs/PU	Item no.	€ / PU
9,52	3,18	4,76	1	273.01.0904	18,59

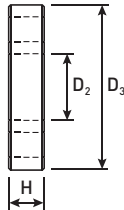
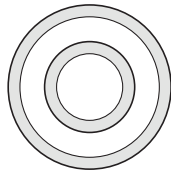
TCT Ogee cutter, GOLD-LINE



Execution: Two flutes, with exchangeable guide bearing.

d ₁	l ₂	l ₅	R ₁	d ₂	pcs/PU	Item no.	€ / PU
31,8	12,7	32	4,8	8	1	271.14.0480	86,66
38,1	17,5	32	6,35	8	1	271.14.0635	93,77
31,8	12,7	40	4,8	12	1	272.14.0480	86,77

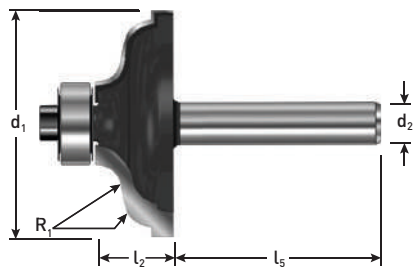
Guide bearing



D ₃	H (mm)	D ₂	pcs/PU	Item no.	€ / PU
12,7	4,76	4,76	1	273.01.1274	18,59

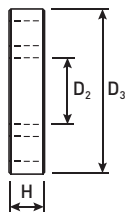
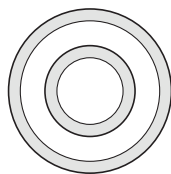
TCT Ogee filet cutter, GOLD-LINE

Execution: Two flutes, with exchangeable guide bearing.



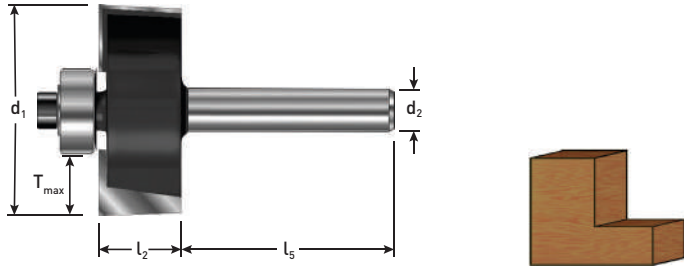
d ₁	l ₂	l ₅	R ₁	d ₂	pcs/PU	Item no.	€ / PU
34,9	14,3	32	4,8	8	1	271.15.0480	96,73
41,3	17,5	32	6,35	8	1	271.15.0635	109,79
41,3	17,5	40	6,35	12	1	272.15.0635	109,90

Guide bearing



D ₃	H (mm)	D ₂	pcs/PU	Item no.	€ / PU
12,7	4,76	4,76	1	273.01.1274	18,59

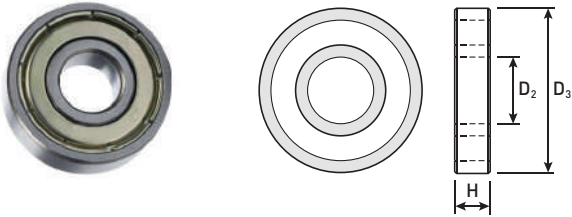
TCT Rebate cutter GOLD-LINE



Execution: Two flutes, with exchangeable guide bearing for straight or curved work. Rebate depth 9,5 mm.

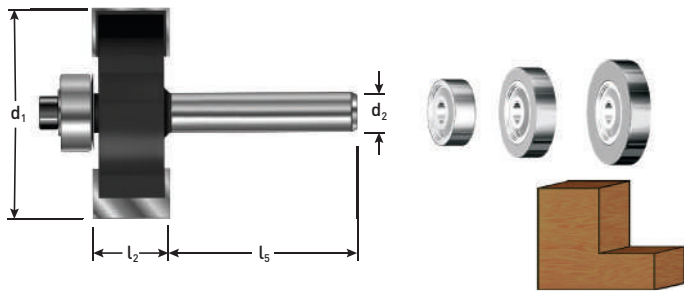
d ₁	T _{max}	l ₂	l ₅	d ₂	pcs/PU	Item no.	€ / PU
31,8	9,5	12,7	32	8	1	271.16.3180	61,38
31,8	9,5	12,7	40	12	1	272.16.3180	60,91

Guide bearing



D ₃	H (mm)	D ₂	pcs/PU	Item no.	€ / PU
12,7	4,76	4,76	1	273.01.1274	18,59

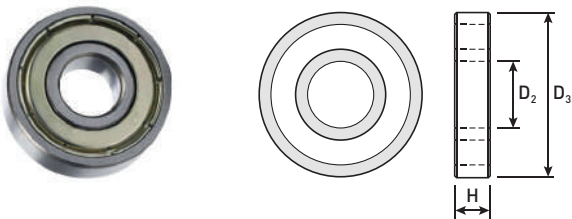
TCT Rebate cutter, guide bearing set, GOLD-LINE



Execution: Popular rebate sets which includes 4 sizes of guide bearings for a choice of rebates with following depths: 12,7 / 11,1 / 9,5 / 7,9mm.

d ₁	l ₂	l ₅	d ₂	pcs/PU	Item no.	€ / PU
34,9	12,7	32	8	1	271.17.3490	100,36
34,9	12,7	40	12	1	272.17.3490	99,66

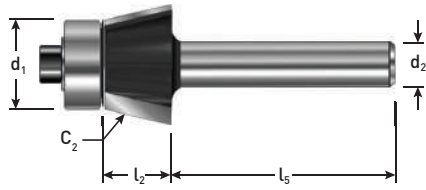
Guide bearing



D ₃	H (mm)	D ₂	pcs/PU	Item no.	€ / PU
9,52	3,18	4,76	1	273.01.0904	18,59
12,7	4,76	4,76	1	273.01.1274	18,59
15,88	5	5	1	273.01.1505	19,82
19,05	5,00	4,76	1	273.01.1957	27,78

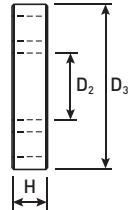
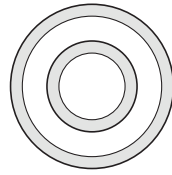
TCT Bevel trim cutter, GOLD-LINE

Execution: Two flutes, with exchangeable guide bearing.



d ₁	l ₂	l ₅	C ₂	d ₂	pcs/PU	Item no.	€ / PU
17,2	9,5	32	15°	8	1	271.18.1720	50,59
19,9	9,5	32	22°	8	1	271.18.1990	50,59
23	9,5	32	30°	8	1	271.18.2300	50,74
36	11,6	32	45°	8	1	271.18.3600	70,18
19,9	9,5	40	22°	12	1	272.18.1990	50,56
36	11,6	40	45°	12	1	272.18.3600	77,09

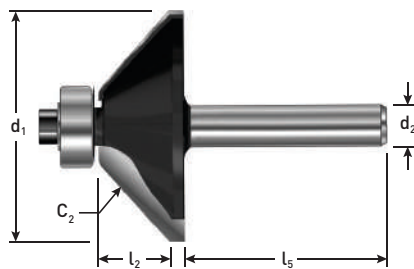
Guide bearing



D ₃	H (mm)	D ₂	pcs/PU	Item no.	€ / PU
12,7	4,76	4,76	1	273.01.1274	18,59

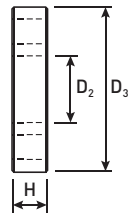
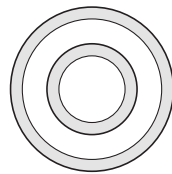
TCT Chamfer cutter, GOLD-LINE

Execution: Two flutes, exchangeable bearing guided chamfer cutters. 45° angle and bigger blade length, ideal for a plain chamfer.



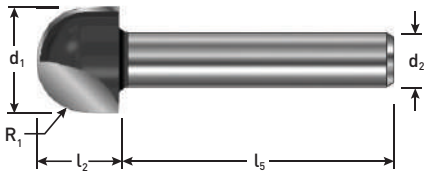
d ₁	l ₂	l ₅	C ₂	d ₂	pcs/PU	Item no.	€ / PU
28,6	9	32	45°	8	1	271.19.2860	63,85
44,5	15,9	32	45°	8	1	271.19.4450	83,61
44,5	15,9	40	45°	12	1	272.19.4450	92,12
50,8	19	40	45°	12	1	272.19.5080	112,28
57,2	22,2	40	45°	12	1	272.19.5720	126,48

Guide bearing



D ₃	H (mm)	D ₂	pcs/PU	Item no.	€ / PU
9,52	3,18	4,76	1	273.01.0904	18,59
12,7	4,76	4,76	1	273.01.1274	18,59

TCT Core box cutter, GOLD-LINE

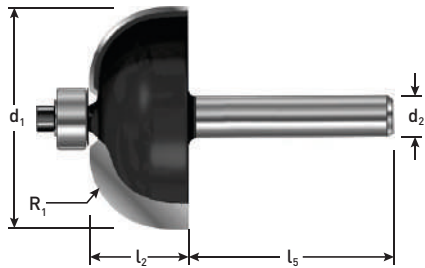


Execution: Two fluted cutters for round bottom, decorative and functional slots and grooves. The cutters with radius 19 (ø38,1) and 25,4 (ø50,8) can be used as handrail bits for stairs.

d ₁	l ₂	l ₅	R ₁	d ₂	pcs/PU	Item no.	€ / PU
6	6	32	3	8	1	271.20.0300	31,51
8	8	32	4	8	1	271.20.0400	32,82
10	9,5	32	5	8	1	271.20.0500	36,07
12	9,5	32	6	8	1	271.20.0600	40,15
12,7	9,5	32	6,35	8	1	271.20.0635	39,98
16	12	32	8	8	1	271.20.0800	46,07
19	11	32	9,5	8	1	271.20.0950	44,48
20	16	32	10	8	1	271.20.1000	56,35
24,4	19	32	12,7	8	1	271.20.1270	71,42

d ₁	l ₂	l ₅	R ₁	d ₂	pcs/PU	Item no.	€ / PU
10	9,5	40	5	12	1	272.20.0500	35,96
12,7	9,5	40	6,35	12	1	272.20.0635	40,43
16	12	40	8	12	1	272.20.0800	46,03
20	16	40	10	12	1	272.20.1000	55,82
25,4	19	40	12,7	12	1	272.20.1270	75,28
38,1	22,2	40	19,05	12	1	272.20.1905	95,76
50,8	31,8	40	25,4	12	1	272.20.2540	142,38

TCT Cove cutter, GOLD-LINE

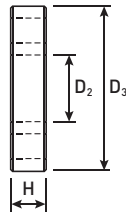
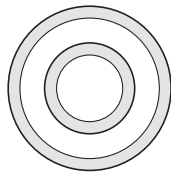


Execution: Two flutes, with exchangeable guide bearing.

d ₁	l ₂	l ₅	R ₁	d ₂	pcs/PU	Item no.	€ / PU
17,5	9,5	32	4	8	1	271.21.0400	52,60
19,5	9,5	32	5	8	1	271.21.0500	54,14
21,5	9,5	32	6	8	1	271.21.0600	58,38
22,2	12,7	32	6,35	8	1	271.21.0635	59,12

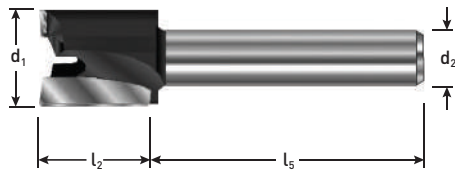
d ₁	l ₂	l ₅	R ₁	d ₂	pcs/PU	Item no.	€ / PU
25,5	12,7	32	8	8	1	271.21.0800	65,12
28,6	12,7	32	9,5	8	1	271.21.0950	69,99
34,9	15,9	32	12,7	8	1	271.21.1270	83,07

Guide bearing



D ₃	H (mm)	D ₂	pcs/PU	Item no.	€ / PU
9,52	3,18	4,76	1	273.01.0904	18,59

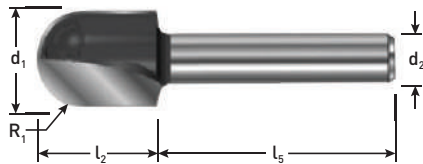
TCT Hinge mortising cutter, GOLD-LINE



Execution: Two flutes. Specifically designed for cutting holes for hinges, stair treads and the general routing of larger flat bottom areas with quick clearance of waste.

d ₁	l ₂	l ₅	d ₂	pcs/PU	Item no.	€ / PU
19	12	32	8	1	271.22.1400	40,60
30	12	32	8	1	271.22.3000	67,07
19	12	40	12	1	272.22.1900	40,06
30	12	40	12	1	272.22.3000	67,83

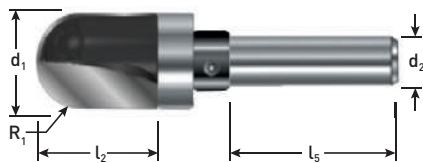
TCT Round nose grooving cutter, GOLD-LINE



Execution: Two fluted cutters for round bottom, decorative and functional slots and grooves. Extended length for deep grooving. The ø6 (R=3) cutter is single fluted.

d ₁	l ₂	l ₅	R ₁	d ₂	pcs/PU	Item no.	€ / PU
6	12,7	32	3	8	1	271.23.0300	36,34
9,5	12,7	32	4,75	8	1	271.23.0475	40,11
12,7	15,9	32	6,35	8	1	271.23.0635	48,10
9,5	12,7	40	4,75	12	1	272.23.0475	40,03
12,7	15,9	40	6,35	12	1	272.23.0635	48,13
25,4	31,8	40	12,7	12	1	272.23.1270	90,80

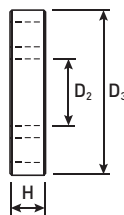
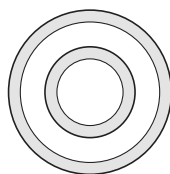
TCT Round nose grooving cutters, guide bearing, GOLD-LINE



Execution: Having all the functions of a round nose cutter, but with a guide bearing on the shank with the same diameter as the cutter, this cutter is ideal for use with templates.

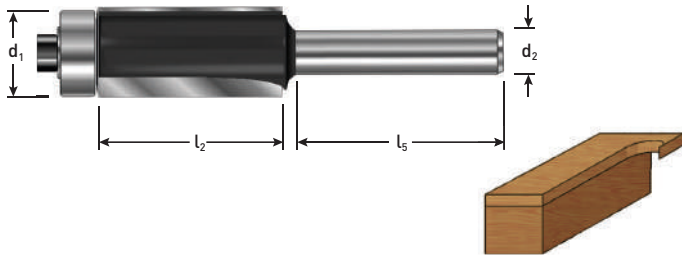
d ₁	l ₂	l ₅	R ₁	d ₂	pcs/PU	Item no.	€ / PU
12	16	32	6	8	1	271.24.0600	60,40

Guide bearing



D ₃	H (mm)	D ₂	pcs/PU	Item no.	€ / PU
12	3,5	8	1	273.01.1208	20,83
25,4	12,7	8	1	273.01.2548	27,78

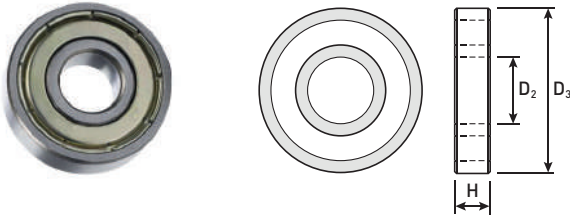
TCT Trimming cutter, GOLD-LINE



Execution: Two fluted cutter, with replaceable guide bearing. Diameter of the tool is ground to the diameter of the bearing for precise trimming. For trimming plastic or plywood overlays and copy profiling with templates.

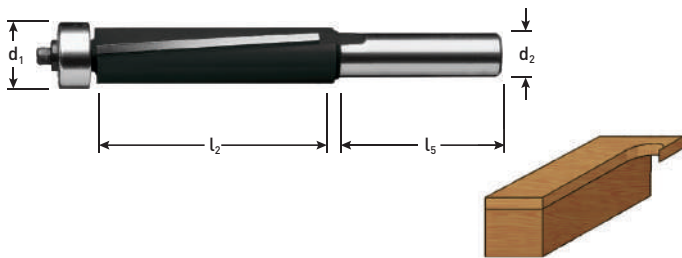
d ₁	l ₂	l ₅	d ₂	pcs/PU	Item no.	€ / PU
12,7	12,7	32	8	1	271.25.1270	40,60

Guide bearing



D ₃	H (mm)	D ₂	pcs/PU	Item no.	€ / PU
9,52	3,18	4,76	1	273.01.0904	18,59
12,7	4,76	4,76	1	273.01.1274	18,59
19,05	7,14	6,35	1	273.01.1956	27,78

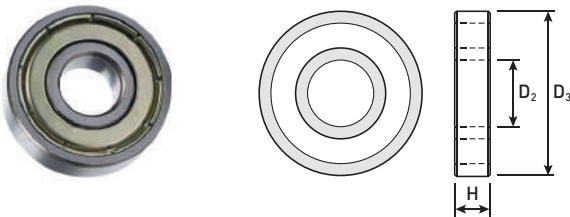
TCT Trimming cutter, helix, GOLD-LINE



Execution: Due to the negative angle cutting edges a shear angle is created which results in a superior finish of the edges, even for fast cuts in delicate materials. Ideal for coated boards and plastics, but also for long-fibre woods. Suitable for use with templates and curve-shaping tools.

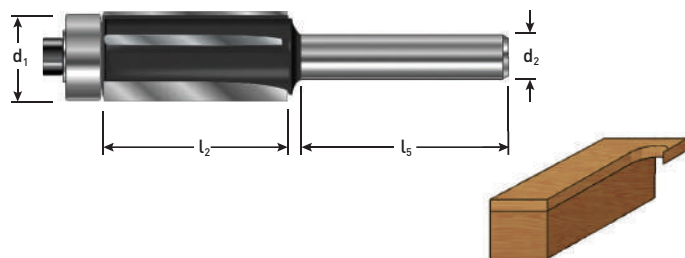
d ₁	l ₂	l ₅	d ₂	pcs/PU	Item no.	€ / PU
12,7	25,4	32	8	1	271.26.1270	45,83
19,05	50,8	40	12	1	272.26.1905	100,33

Guide bearing



D ₃	H (mm)	D ₂	pcs/PU	Item no.	€ / PU
12,7	4,76	4,76	1	273.01.1274	18,59
19,05	7,14	6,35	1	273.01.1956	27,78

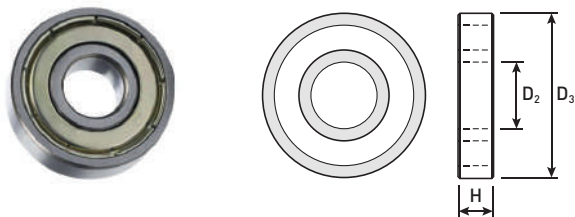
TCT Trimming cutter, Z3, GOLD-LINE



Execution: Three fluted cutter, with replaceable guide bearing. Diameter of the tool is ground to the diameter of the guide bearing for precise trimming. For trimming plastic or plywood overlays and copy profiling with templates.

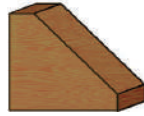
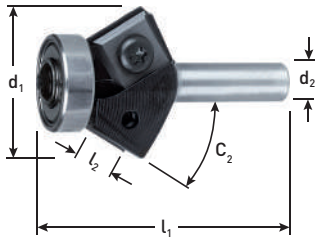
d ₁	l ₂	l ₅	d ₂	pcs/PU	Item no.	€ / PU
12,7	12,7	32	8	1	271.27.1270	41,53
12,7	25,4	32	8	1	271.27.1271	46,54
12,7	38,1	40	12	1	272.27.1272	52,95

Guide bearing



D ₃	H (mm)	D ₂	pcs/PU	Item no.	€ / PU
12,7	4,76	4,76	1	273.01.1274	18,59

TCT Chamfer cutter, 45°, inserts, GOLD-LINE

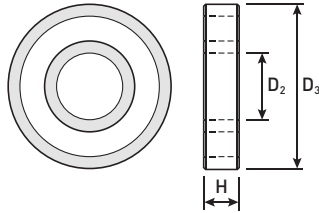


Execution: Chamfer cutter with 2 solid carbide inserts of which all four cutting edges can be used. Face and peripheral cutting, right-handed rotation, for manual feed.

Application: For cutting in laminated materials, soft and hard woods. Speed: 18.000-30.000 rev/min.

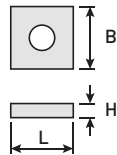
d_1	C_2	l_2	l_1	d_2	pcs/PU	Item no.	€ / PU
30	45°	12	42	8	1	271.28.3000	118,58

Guide bearing



D_3	H (mm)	D_2	pcs/PU	Item no.	€ / PU
9,52	3,18	4,76	1	273.01.0904	18,59

Carbide insert for 271.28



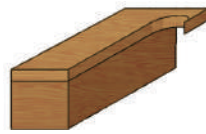
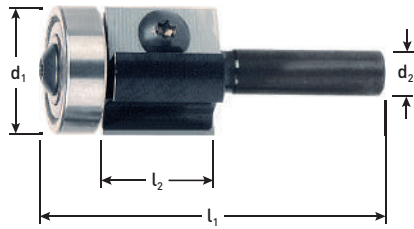
Dimensions (mm)	pcs/PU	Item no.	€ / PU
12 x 12 x 1,5	1	273.02.1212	5,94

Screw for 271.28



Dimensions (mm)	pcs/PU	Item no.	€ / PU
M4 x 6	1	273.03.9002	6,11

TCT Chamfer cutter, inserts, GOLD-LINE



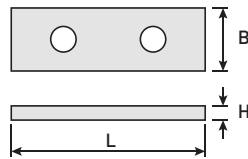
Execution: Chamfer cutter with 2 solid carbide inserts of which 2 cutting edges can be used, Peripheral cutting, with exchangeable guide bearing, right hand cutting, manual feed. Suitable for use with templates.

Application: For cutting in laminated materials. Speed: 18.000 - 30.000 rev/min.

d ₁	l ₁	l ₂	d ₂	pcs/PU	Item no.	€ / PU
19	50	12	8	1	271.29.1900	75,40
19	90	30	8	1	271.29.1902	91,31
22 *	50	12	8	1	271.29.2200	97,50

* Phase-out item, available until stock has depleted

Carbide insert for 271.29



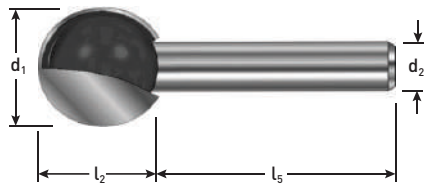
Dimensions (mm)	pcs/PU	Item no.	€ / PU
12 x 12 x 1,5	1	273.02.1212	5,94
30 x 12 x 1,5	1	273.02.3012	7,75

Screw for 271.29



Dimensions (mm)	pcs/PU	Item no.	€ / PU
M4 x 6	1	273.03.9002	6,11

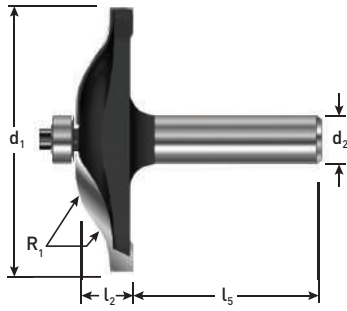
TCT Ball groove cutter, GOLD-LINE



Execution: Two fluted cutter, ideal for hiding pipes and cables as well as curtain rails with ball shaped runners. If the full diameter is to be used, a slot must cut first to clear the passage of the shank.

d ₁	l ₂	l ₅	d ₂	pcs/PU	Item no.	€ / PU
15,9	14,8	40	12	1	272.31.1590	60,99

TCT Panel raising cutter, sharp, GOLD-LINE

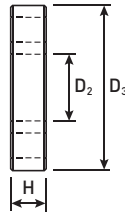
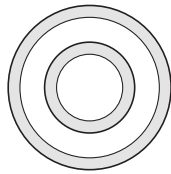


Execution: Two fluted cutter, with exchangeable guide bearing. Can be used overhead or inverted but always horizontal. Profile depths from 19 - 28,5mm. Because of the big diameter and the risk of breaking the 8mm shank, it is highly recommended to work in multiple steps up to final depth of cut.

Application: Speed: max. 12.000 rev/min.

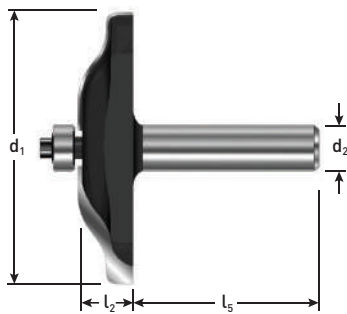
d ₁	l ₂	l ₅	R ₁	d ₂	pcs/PU	Item no.	€ / PU
50,8	12,7	32	9,52	8	1	271.32.5080	98,70
63,5	16	16	15	10	1	271.32.6350	79,74

Guide bearing



D ₃	H (mm)	D ₂	pcs/PU	Item no.	€ / PU
12,7	4,76	4,76	1	273.01.1274	18,59

TCT Panel raising cutter, radius, GOLD-LINE

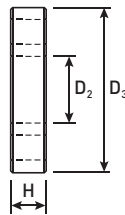
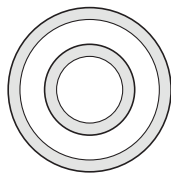


Execution: Two fluted cutter, with exchangeable guide bearing. Can be used overhead or inverted but always horizontal. Radii: 2 mm and 16 mm. Max. profile depth: 31,7mm.

Application: Speed: max. 12.000 rev/min.

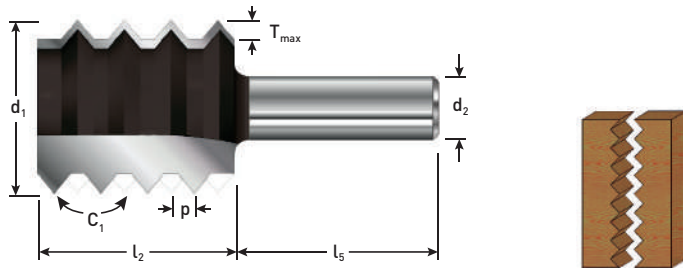
d ₁	l ₂	l ₅	d ₂	pcs/PU	Item no.	€ / PU
76,2	15,9	50	12	1	272.33.7620	177,76

Guide bearing



D ₃	H (mm)	D ₂	pcs/PU	Item no.	€ / PU
12,7	4,76	4,76	1	273.01.1274	18,59

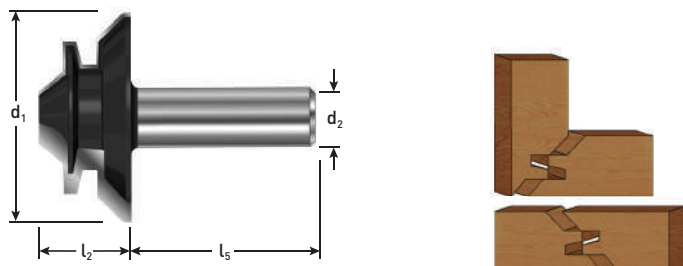
TCT Panel joint bit, V-shape, GOLD-LINE



Execution: This bit will give a strong joint of your workpiece because of the V-groove. Also because of this form you will have an almost invisible joint on your workpiece.

d ₁	l ₂	l ₅	T _{max}	p	C ₁	d ₂	pcs/PU	Item no.	€ / PU
35	40	40	4,76	4	80°	12	1	272.34.3500	242,17

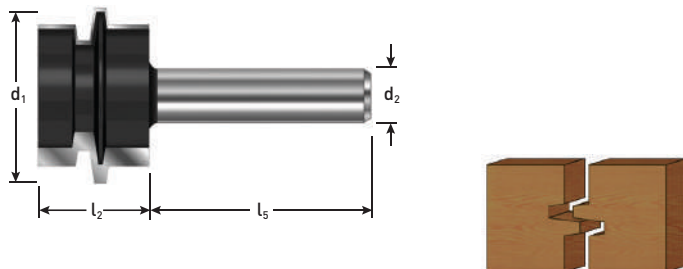
TCT Mitre lock joint bit, GOLD-LINE



Execution: Two fluted cutter. Specially designed to produce an effective and very strong 90° corner joint. The cutter can also be used for a glue joint, for jointing lengths together.

d ₁	l ₂	l ₅	d ₂	pcs/PU	Item no.	€ / PU
38,1	12,7	32	8	1	271.35.3810	121,16
69,85	30,1	40	12	1	272.35.6985	177,02

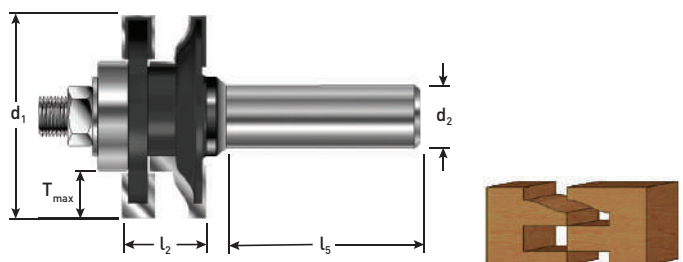
TCT Off set tongue & groove cutter standard, GOLD-LINE



Execution: Two flutes. Produces a reversible finger joint. Wood thickness max. 25mm.

d ₁	l ₂	l ₅	d ₂	pcs/PU	Item no.	€ / PU
30,2	25,4	32	8	1	271.36.3020	103,37

TCT Reversible rail & stile cutter, GOLD-LINE



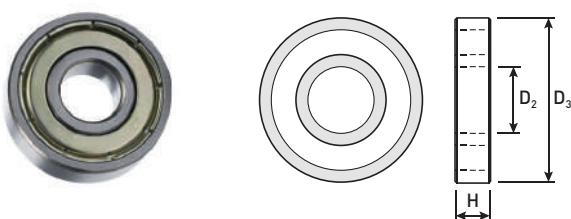
Execution: Two flutes. With exchangeable ball bearing. The set combines a profile cutter and a slotter. Both on a bearing mounted arbor.

Application: Stile and rail are produced by reversing the cutter parts. profile depth: 9,5mm. Groove width 6,35mm.

d ₁	l ₂	l ₅	T _{max}	d ₂	pcs/PU	Item no.	€ / PU
41 *	23,8	32	9,5	8	1	271.37.4100	144,77

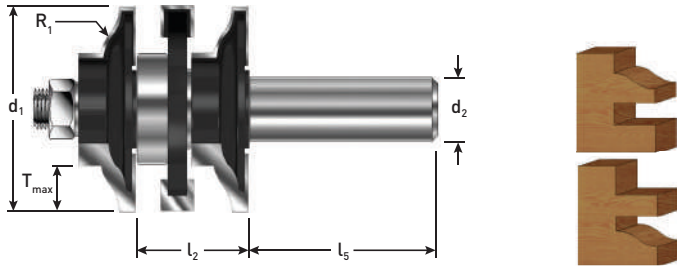
* Phase-out item, available until stock has depleted

Guide bearing



D ₃	H (mm)	D ₂	pcs/PU	Item no.	€ / PU
22	7	8	1	273.01.2208	20,50

TCT Double rail & stile cutter, GOLD-LINE

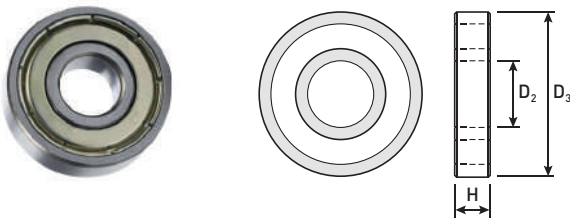


Execution: Three fluted cutter with a exchangeable guide bearing guide on the bottom. Diameter of the tool and of the bearing are exactly the same for precise trimming.

Application: For trimming plastic or plywood overlay. For copy profiling with template.

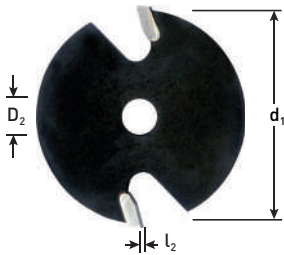
d ₁	l ₂	l ₅	R ₁	T _{max}	d ₂	pcs/PU	Item no.	€ / PU
41	23,8	38	4,76	9,5	8	1	271.38.4100	251,09
41	23,8	40	4,76	9,5	12	1	272.38.4100	250,71

Guide bearing



D ₃	H (mm)	D ₂	pcs/PU	Item no.	€ / PU
22	7	8	1	273.01.2208	20,50

TCT Slotting cutter, Z2, GOLD-LINE



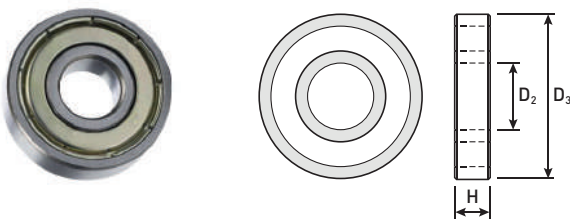
Execution: TCT Slotting cutter to be mounted on separately supplied arbors (271.40).

Application: For grooving in hard and soft woods. Speed: max. 12.000 - 14.000 rev/min.

d ₁	l ₂	D ₂	pcs/PU	Item no.	€ / PU
40 *	2	6	1	271.39.4020	39,62

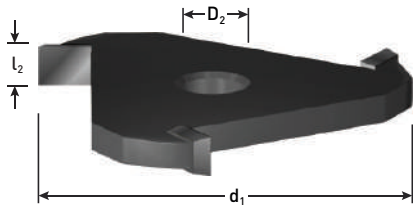
* Phase-out item, available until stock has depleted

Guide bearing



D ₃	H (mm)	D ₂	pcs/PU	Item no.	€ / PU
19	6	6	1	273.01.1906	18,24

TCT Slotting cutter, Z3, GOLD-LINE

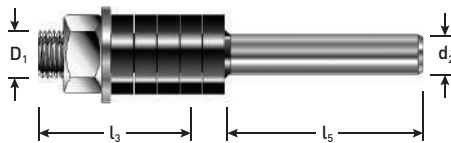


Execution: Three fluted slotting cutters with for use on machines with ø8mm spindle or arbors (271.42.0800 and 272.42.0800) without guide bearing or arbors (271.44.0800 and 272.44.0800) with guide bearing.

Application: For different applications as grooving for biscuit jointing, match lining and tongue and grooving.

d ₁	l ₂	D ₂	pcs/PU	Item no.	€ / PU
47,6	2	8	1	271.41.4720	46,22
47,6	2,5	8	1	271.41.4725	46,14
47,6	3	8	1	271.41.4730	45,63
47,6	4	8	1	271.41.4740	46,33
47,6	5	8	1	271.41.4750	45,88
47,6	6	8	1	271.41.4760	46,10

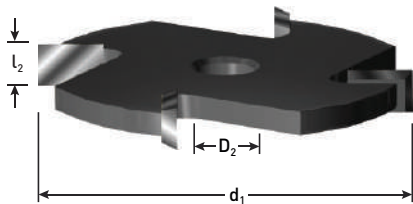
Arbor for 271.41 and 271.43



Application: Enables mounting of slotting cutters Art.nr. 271.41

D ₁	l ₃	l ₅	d ₂	pcs/PU	Item no.	€ / PU
8	23,8	32	8	1	271.42.0800	39,58
8	23,8	40	12	1	272.42.0800	39,26

TCT Slotting cutter, Z4, GOLD-LINE

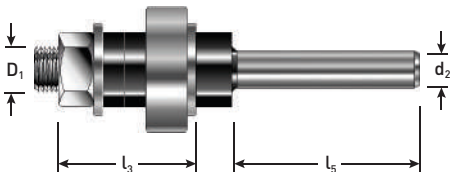


Execution: Four fluted slotting cutters with for use on machines with ø8mm spindle or arbors (271.42.0800 and 272.42.0800) without guide bearing or arbors (271.44.0800 and 272.44.0800) with guide bearing.

Application: For different applications as grooving for biscuit jointing, match lining and tongue and grooving.

d ₁	l ₂	D ₂	pcs/PU	Item no.	€ / PU
50,8	2	8	1	271.43.5020	56,99
50,8	2,5	8	1	271.43.5025	56,49
50,8	3	8	1	271.43.5030	56,76
50,8	4	8	1	271.43.5040	57,05
50,8	5	8	1	271.43.5050	56,49
50,8	6	8	1	271.43.5060	56,76

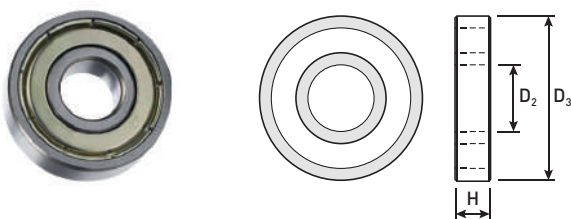
Arbor with guide bearing for 271.43 and 271.41



Application: Arbor with guide bearing for 271.43 en 271.41

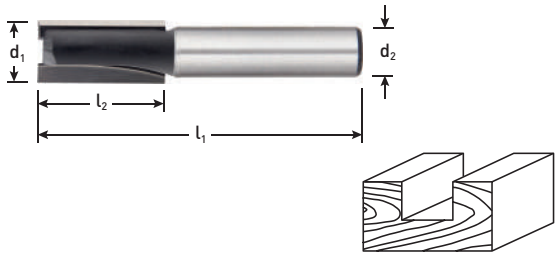
D ₁	l ₃	l ₅	d ₂	pcs/PU	Item no.	€ / PU
8	23,8	32	8	1	271.44.0800	43,64
8	23,8	40	12	1	272.44.0800	43,83

Guide bearing for router bits



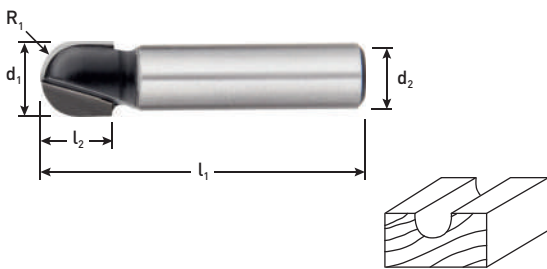
Execution: Guide bearings for router bits.

D ₃	H (mm)	D ₂	pcs/PU	Item no.	€ / PU
22	7	8	1	273.01.2208	20,50



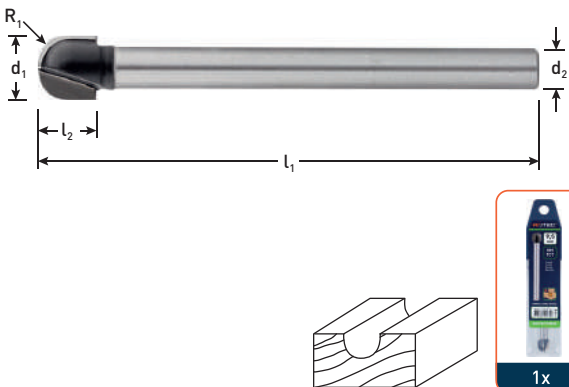
d ₁	l ₂	l ₁	d ₂	pcs/PU	Item no.	€ / PU
3	11	49	8	1	270.0003	12,96
4	11	48	8	1	270.0004	12,96
5	11	48	8	1	270.0005	12,96
6	16	55	8	1	270.0006	12,96
8	20	55	8	1	270.0008	15,23
10	20	52	8	1	270.0010	15,94
12	20	52	8	1	270.0012	16,93
14	20	52	8	1	270.0014	24,49
16	20	52	8	1	270.0016	26,73
18	20	52	8	1	270.0018	33,53
20	20	52	8	1	270.0020	34,67
22	25	52	8	1	270.0022	35,77
24	10	42	8	1	270.0024	36,90
25	11	41	8	1	270.0025	37,99

TCT round nose bit, SILVER-LINE



d ₁	R ₁	l ₂	l ₁	d ₂	pcs/PU	Item no.	€ / PU
9,5	4,75	7	41	8	1	270.0110	15,30
12,7	6,35	9	41	8	1	270.0130	17,85

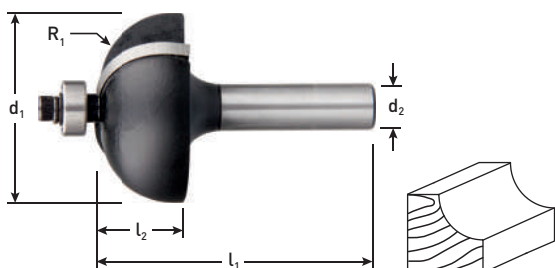
TCT wood rot bit, SILVER-LINE



Execution: Extra long, 75 mm.

d ₁	R ₁	l ₂	l ₁	d ₂	pcs/PU	Item no.	€ / PU
9,5	4,75	8	75	6	1	270.0111	20,79
9,5	4,75	8	75	6	10	270.0112	186,16

TCT cove bit, SILVER-LINE

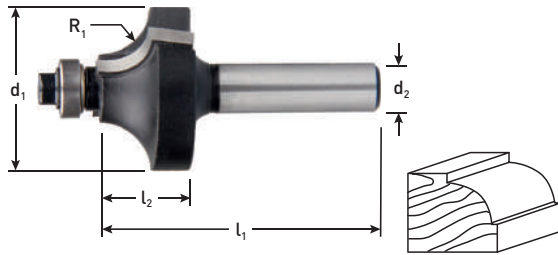


Execution: With guide bearing.

d ₁	R ₁	l ₂	l ₁	d ₂	pcs/PU	Item no.	€ / PU
28,5	9,5	14	45	8	1	270.0228	32,73
35,0	12,7	14	48	8	1	270.0235	37,30

TCT beading bit, SILVER-LINE

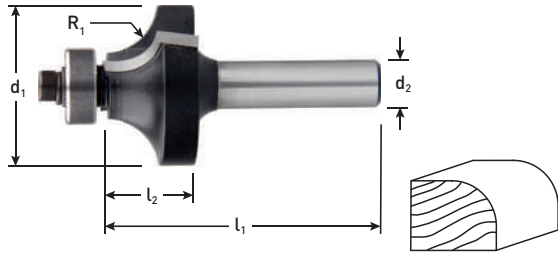
Execution: With guide bearing.



d ₁	R ₁	l ₂	l ₁	d ₂	pcs/PU	Item no.	€ / PU
25,4	6,35	13,5	45	8	1	270.0325	29,62
28,6	8	15	47	8	1	270.0328	26,78
31,8	9,5	16,5	48	8	1	270.0332	37,85
38,1	12,7	19,7	51	8	1	270.0338	43,37

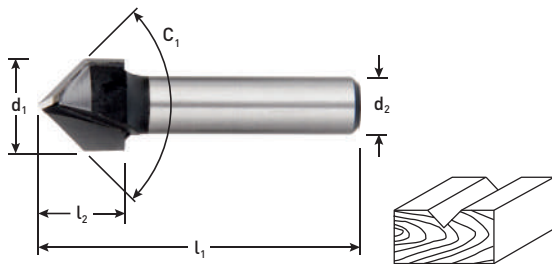
TCT round over bit, SILVER-LINE

Execution: With guide bearing.



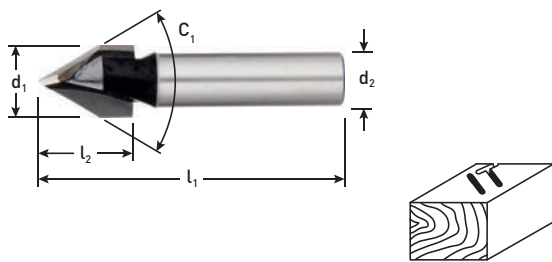
d ₁	R ₁	l ₂	l ₁	d ₂	pcs/PU	Item no.	€ / PU
25,4	6,35	12,7	44	8	1	270.0425	28,52
28,6	8	15	47	8	1	270.0428	26,78
31,8	9,5	16	47	8	1	270.0432	36,45
38,1	12,7	19,7	51	8	1	270.0438	43,37

TCT 90° V-groove bit, SILVER-LINE



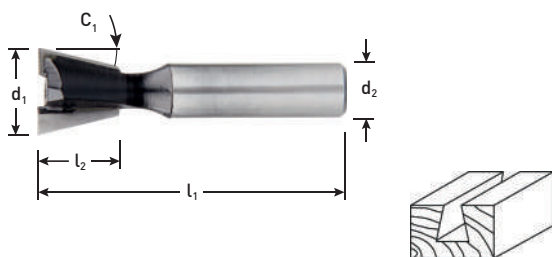
d ₁	C ₁	l ₂	l ₁	d ₂	pcs/PU	Item no.	€ / PU
12,7	90°	13	48	8	1	270.0513	16,23

TCT 60° V-groove bit, SILVER-LINE



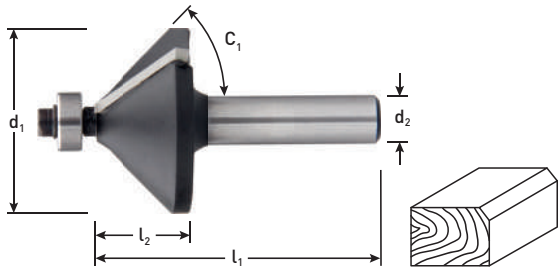
d ₁	C ₁	l ₂	l ₁	d ₂	pcs/PU	Item no.	€ / PU
11	60°	20	60	8	1	270.0611	51,11

TCT dovetail bit, SILVER-LINE



d ₁	C ₁	l ₂	l ₁	d ₂	pcs/PU	Item no.	€ / PU
12,7	15°	13,5	49	8	1	270.0713	16,23

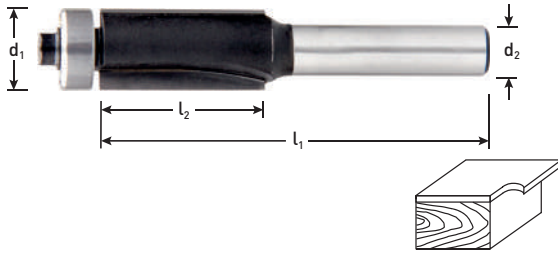
TCT chamfer bit, SILVER-LINE



Execution: With guide bearing.

d ₁	C ₁	l ₂	l ₁	d ₂	pcs/PU	Item no.	€ / PU
31,8	45°	10	42	8	1	270.0832	27,71

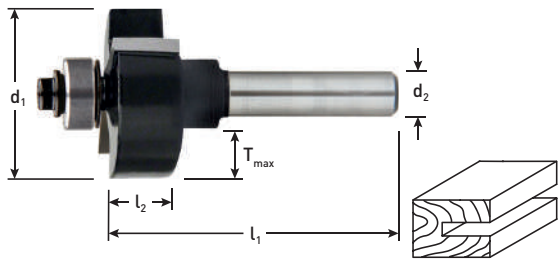
TCT flush trim bit, SILVER-LINE



Execution: With guide bearing.

d ₁	l ₂	l ₁	d ₂	pcs/PU	Item no.	€ / PU
12,7	25,4	57	8	1	270.0913	19,24

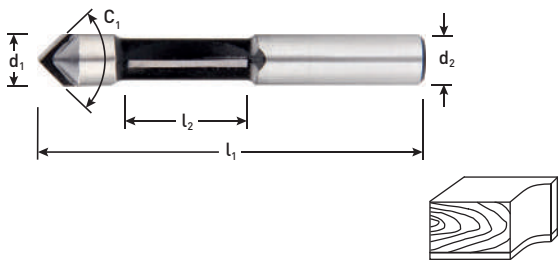
TCT rabbeting bit, SILVER-LINE



Execution: With guide bearing.

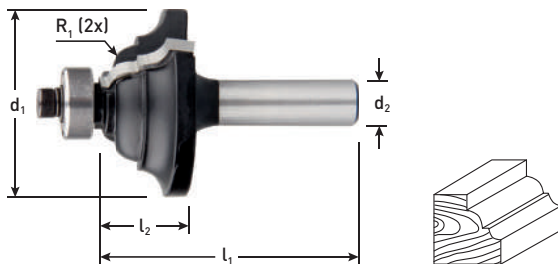
d ₁	T _{max}	l ₂	l ₁	d ₂	pcs/PU	Item no.	€ / PU
28,5	9,5	12,7	45	8	1	270.1032	32,83

TCT pilot panel bit, SILVER-LINE



d ₁	C ₁	l ₂	l ₁	d ₂	pcs/PU	Item no.	€ / PU
8,0	100°	19	67	8	1	270.1108	36,04

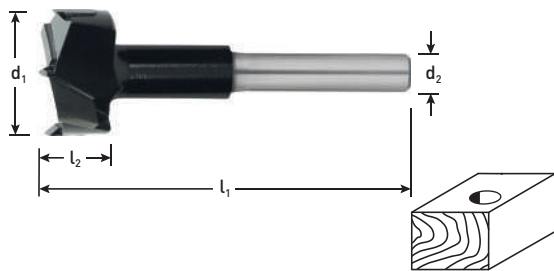
TCT classical bit, SILVER-LINE



Execution: With guide bearing.

d ₁	R ₁	l ₂	l ₁	d ₂	pcs/PU	Item no.	€ / PU
35,0	4,8	17,5	50	8	1	270.1335	43,48

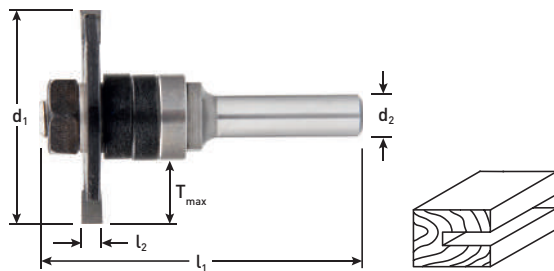
TCT hinge hole bit, SILVER-LINE



d ₁	l ₂	l ₁	d ₂	pcs/PU	Item no.	€ / PU
26	12,5	76	8	1	270.1426	40,89
35	12,5	76	8	1	270.1435	54,16

TCT slotting bit, SILVER-LINE

Execution: With guide bearing.



d ₁	T _{max}	l ₂	l ₁	d ₂	pcs/PU	Item no.	€ / PU
40	9	1,5	60	8	1	270.1440	41,22
40	9	2	60	8	1	270.1441	41,22
40	9	2,5	60	8	1	270.1442	41,22
40	9	3	60	8	1	270.1443	41,22
40	9	3,5	60	8	1	270.1444	41,22
40	9	4	60	8	1	270.1445	41,22

270

TCT wood router bit set, SILVER-LINE, in wooden case



Description	Type	Content	pcs/PU	Item no.	€ / PU
12 piece router bit set	270	Straight bit ø8, ø12 and ø16 Round nose bit ø12 Chamfer bit ø28,6x45° Frame bit ø35 / R4 V-Groove bit ø16x90° Dove tail bit ø14,3x15° Cove bit ø24,7 and ø32,7 Round-over bit ø24,7 and ø32,7	1	270.9002	119,19

519

Carbide blade for electrical hand planer



Dimensions (mm)	pcs/PU	Item no.	€ / PU
82,0 x 5,5 x 1,1	10	519.0030	45,76
82,0 x 5,5 x 1,1	2	519.0031	11,00

