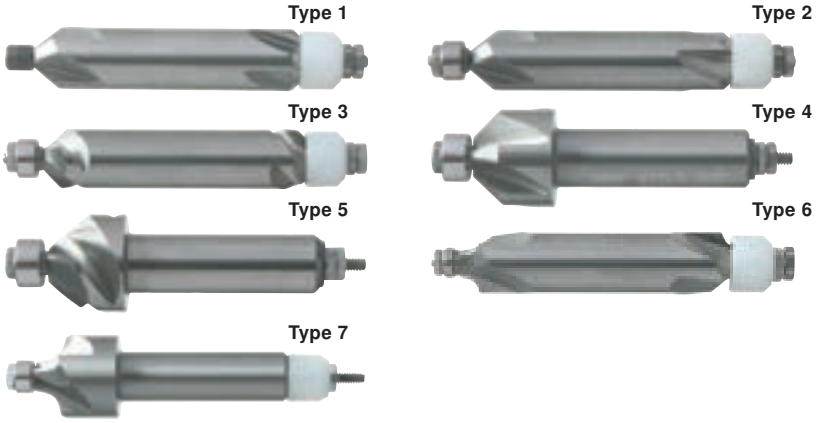
Type
Double flute (cat.-no. 16750 139-152 single flute).
Clamping shank 6 mm. Pilot hardened.
Use
For edge and contour deburring machines.
Rake angle 0° for short-chipping, hard materials.
Rake angle 6° for strength-hard materials.
Rake angle 12° for ductile up to soft materials.
Rake angle 30° for soft materials.
Quality
Universal carbide quality finest grit.



Type	Application / Type	D x L mm	Point angle/ Radius	Z	Rake angle	Coating	16750 ...
1	with synchronous rotation thrust pin (Ø 2.5 mm)	6 x 34	90°	4	0°	–	101
1	with synchronous rotation thrust pin (Ø 2.5 mm)	6 x 34	90°	4	0°	TiAlN	102
2	with ball bearing starter roller (Ø 3.0 mm)	6 x 34	90°	4	0°	–	103
2	with ball bearing starter roller (Ø 3.0 mm)	6 x 34	90 °	4	0°	TiAlN	104
2	with ball bearing starter roller (Ø 4.0 mm)	6 x 34	90 °	4	0°	TiAlN	106
1	with synchronous rotation thrust pin (Ø 2.5 mm)	6 x 34	90°	6	0°	–	107
1	with synchronous rotation thrust pin (Ø 2.5 mm)	6 x 34	90°	6	0°	TiAlN	108
2	with ball bearing starter roller (Ø 3.0 mm)	6 x 34	90°	6	0°	–	109
2	with ball bearing starter roller (Ø 3.0 mm)	6 x 34	90°	6	0°	TiAlN	110
2	with ball bearing starter roller (Ø 4.0 mm)	6 x 34	90°	6	0°	–	111
2	with ball bearing starter roller (Ø 4.0 mm)	6 x 34	90 °	6	0°	TiAlN	112
1	with synchronous rotation thrust pin (Ø 2.5 mm)	6 x 34	90°	4	6°	–	113
1	with synchronous rotation thrust pin (Ø 2.5 mm)	6 x 34	90°	4	6°	TiAlN	114
2	with ball bearing starter roller (Ø 3.0 mm)	6 x 34	90°	4	6°	–	115
2	with ball bearing starter roller (Ø 3.0 mm)	6 x 34	90 °	4	6°	TiAlN	116
2	with ball bearing starter roller (Ø 4.0 mm)	6 x 34	90°	4	6°	–	117
2	with ball bearing starter roller (Ø 4.0 mm)	6 x 34	90°	4	6°	TiAlN	118
1	with synchronous rotation thrust pin (Ø 2.5 mm)	6 x 34	90°	4	12°	–	119
1	with synchronous rotation thrust pin (Ø 2.5 mm)	6 x 34	90°	4	12°	TiAlN	120
1	with synchronous rotation thrust pin (Ø 2.5 mm)	6 x 34	90°	3	12°	TiAlN-ALU	121
2	with ball bearing starter roller (Ø 3.0 mm)	6 x 34	90°	4	12°	–	122
2	with ball bearing starter roller (Ø 3.0 mm)	6 x 34	90°	4	12°	TiAlN	123
2	with ball bearing starter roller (Ø 3.0 mm)	6 x 34	90°	3	12°	TiAlN-ALU	124
2	with ball bearing starter roller (Ø 4.0 mm)	6 x 34	90°	4	12°	–	125
2	with ball bearing starter roller (Ø 4,0 mm)	6 x 34	90°	4	12°	TiAlN	126
2	with ball bearing starter roller (Ø 4.0 mm)	6 x 34	90°	3	12°	TiAlN-ALU	127
3	with synchronous rotation thrust pin (Ø 2.5 mm)	6 x 34	90°	3	30°	–	128
3	with synchronous rotation thrust pin (Ø 2.5 mm)	6 x 34	90°	3	30°	TiAlN	129
3	with synchronous rotation thrust pin (Ø 2.5 mm)	6 x 34	90°	3	30°	TiAlN-ALU	130
3	with ball bearing starter roller (Ø 3.0 mm)	6 x 34	90°	3	30°	–	131
3	with ball bearing starter roller (Ø 3,0 mm)	6 x 34	90°	3	30°	TiAlN	132
3	with ball bearing starter roller (Ø 3.0 mm)	6 x 34	90°	3	30°	TiAlN-ALU	133
3	with ball bearing starter roller (Ø 4.0 mm)	6 x 34	90°	3	30°	–	134
3	with ball bearing starter roller (Ø 4.0 mm)	6 x 34	90°	3	30°	TiAlN	135
3	with ball bearing starter roller (Ø 4.0 mm)	6 x 34	90°	3	30°	TiAlN-ALU	136
4	with ball bearing starter roller (Ø 4.0 mm)	10 x 34	90°	6	0°	–	137
4	with ball bearing starter roller (Ø 4.0 mm)	10 x 34	90°	6	0°	TiAlN	138
4	with ball bearing starter roller (Ø 5.0 mm)	10 x 34	90°	6	0°	–	139
4	with ball bearing starter roller (Ø 5.0 mm)	10 x 34	90°	6	0°	TiAlN	140
4	with ball bearing starter roller (Ø 4.0 mm)	10 x 34	90°	3	6°	–	141
4	with ball bearing starter roller (Ø 4.0 mm)	10 x 34	90°	3	6°	TiAlN	142
4	with ball bearing starter roller (Ø 5.0 mm)	10 x 34	90°	3	6°	–	143
4	with ball bearing starter roller (Ø 5.0 mm)	10 x 34	90°	3	6°	TiAlN	144
5	with ball bearing starter roller (Ø 4.0 mm)	10 x 34	90°	3	30°	–	145
5	with ball bearing starter roller (Ø 4.0 mm)	10 x 34	90°	3	30°	TiAlN	146
5	with ball bearing starter roller (Ø 4.0 mm)	10 x 34	90°	3	30°	TiAlN-ALU	147
5	with ball bearing starter roller (Ø 5.0 mm)	10 x 34	90°	3	30°	–	148
5	with ball bearing starter roller (Ø 5.0 mm)	10 x 34	90°	3	30°	TiAlN	149
5	with ball bearing starter roller (Ø 5.0 mm)	10 x 34	90°	3	30°	TiAlN-ALU	150

Continuation ▶

Continuation ▶

Type	Application / Type	D x L mm	Point angle/ Radius	Z	Rake angle	Coating	16750	...
6	with ball bearing starter roller (Ø 3.0 mm)	6 x 34	R 0,5°	3	0°	–		151
6	with ball bearing starter roller (Ø 3.0 mm)	6 x 34	R 1,0 mm	3	0°	–		152
6	with ball bearing starter roller (Ø 3.0 mm)	6 x 34	R 1,5 mm	3	0°	–		153
7	with ball bearing starter roller (Ø 4.0 mm)	10 x 34	R 2,0 mm	3	0°	–		154
7	with ball bearing starter roller (Ø 4.0 mm)	10 x 34	R 2,5 mm	3	0°	–		155
7	with ball bearing starter roller (Ø 4.0 mm)	10 x 34	R 3,0 mm	3	0°	–		156

Suitability recommendations for SC form end milling cutter cat.-no. 16750 ++ suitable + partially suitable

typ	MILLING CUTTERS	steel				copper alloys/ cast iron			stainless steel			aluminium		plastics	
		hardened steel	tool steel	case-hardened steel tempered steel cast steel	Free cutting steel (short-chipping)	copper soft brass soft	German silver Brass hard Bronze	cast iron	soft, ductile materials	high-strength, brittle materials	Free cutting alloy (short-chipping)	soft, long-chipping	Free cutting alloy (short-chipping)	soft, long-chipping	hard, short-chipping
1	16750 101				++		++	+					++		++
1	16750 102	++	++		++		++	++							
2	16750 103				++		++	+					++		++
2	16750 104	++	++		++		++	++							
2	16750 105				++		++	+					++		++
2	16750 106	++	++		++		++	++							
1	16750 107				++		++	+					+		++
1	16750 108	++	++		++		++	++							
2	16750 109				++		++	+					+		++
2	16750 110	++	++		++		++	++							
2	16750 111				++		++	+					+		++
2	16750 112	++	++		++		++	++							
1	16750 113				++		++				++		++		++
1	16750 114			++	++		++			++	++				
2	16750 115				++		++				++		++		++
2	16750 116			++	++		++			++	++				
2	16750 117				++		++				++		++		++
2	16750 118			++	++		++			++	++				
1	16750 119				++	+	++		+		+	+	++	+	++
1	16750 120			++	++		++		++	++	+				
1	16750 121				++	+	++					+	++	+	++
2	16750 122				++	+	++		+		+	+	++	+	++
2	16750 123			++	++		++		++	++	+				
2	16750 124				++	+	++					+	++	+	++
2	16750 125				++	+	++		+		+	+		+	++
2	16750 126			++	++		++		++	++	+				
2	16750 127				++	+	++					+	++	+	++
3	16750 128					++			+			++	++	++	++
3	16750 129			+					++						
3	16750 130					++						++	++	++	++
3	16750 131					++			+			++	++	++	++
3	16750 132			+					++						
3	16750 133					++						++	++	++	++
3	16750 134					++			+			++	++	++	++
3	16750 135			+					++						
3	16750 136					++						++	++	++	++
4	16750 137				++		++	+					+		
4	16750 138	++	+		++		++	++							
4	16750 139				++		++	+					+		
4	16750 140	++	+		++		++	++							
4	16750 141				++		++		+		+	+	++	+	++
4	16750 142			++	++		++		++		++				
4	16750 143				++		++		+		+	+	++	+	++
4	16750 144			++	++		++		++		++				
5	16750 145					++			+			++	++	++	++
5	16750 146			++	+				++		++				
5	16750 147					++						++	++	++	++
5	16750 148					++			+			++	++	++	++
5	16750 149			++	+				++		++				
5	16750 150					++						++	++	++	++
6	16750 151	+	++	++	++	++	++	++	+	++	++	++	++	++	++
6	16750 152	+	++	++	++	++	++	++	+	++	++	++	++	++	++
6	16750 153		+	++	++	++	++	++	+	++	++	++	++	++	++
7	16750 154		+	++	++	++	++	++	+	++	++	++	++	++	++
7	16750 155		+	+	++	++	++	++	+	++	++	+	++	++	++
7	16750 156		+	+	++	++	++	++	+	+	++	+	++	++	++