

16750

Solid carbide form milling cutter

Design

- Double-edged (art. no. 16750 139-152 single-edged)
- Clamping shank 6 mm
- Start-up pin hardened

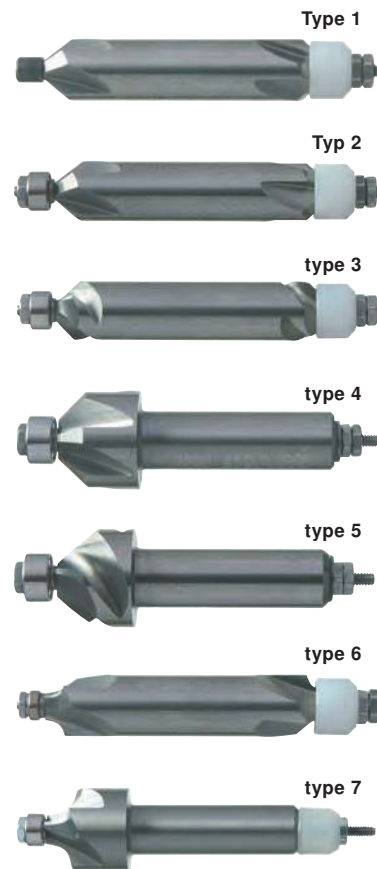
Applications

For edge and contour deburring tools.
Chip angle 0° for short-chipping, hard materials.
Chip angle 6° for tough materials.
Chip angle 12° for tough to soft materials.
Chip angle 30° for soft materials.

Quality

Universal carbide ultra-fine grain.

Type	Applications/Design	D x L mm	Tip angle/ Radius	Z	Chip angle	Coating	16750	...
1	with rotating start-up pin (Ø 2.5 mm)	6 x 34	90°	4	0°	TiAIN	102	
2	with ball bearing start roller (Ø 3.0 mm)	6 x 34	90°	4	0°	-	103	
2	with ball bearing start roller (Ø 4.0 mm)	6 x 34	90°	4	0°	TiAIN	106	
2	with ball bearing start roller (Ø 4.0 mm)	6 x 34	90°	6	0°	-	111	
2	with ball bearing start roller (Ø 4.0 mm)	6 x 34	90°	6	0°	TiAIN	112	
1	with rotating start-up pin (Ø 2.5 mm)	6 x 34	90°	4	6°	TiAIN	114	
2	with ball bearing start roller (Ø 3.0 mm)	6 x 34	90°	4	6°	TiAIN	116	
2	with ball bearing start roller (Ø 4.0 mm)	6 x 34	90°	4	6°	-	117	
2	with ball bearing start roller (Ø 3.0 mm)	6 x 34	90°	4	12°	-	122	
2	with ball bearing start roller (Ø 4.0 mm)	6 x 34	90°	4	12°	-	125	
3	with rotating start-up pin (Ø 2.5 mm)	6 x 34	90°	3	30°	TiAIN-ALU	130	
3	with ball bearing start roller (Ø 3.0 mm)	6 x 34	90°	3	30°	-	131	
3	with ball bearing start roller (Ø 4.0 mm)	6 x 34	90°	3	30°	-	134	
4	with ball bearing start roller (Ø 4.0 mm)	10 x 34	90°	6	0°	-	137	
4	with ball bearing start roller (Ø 5.0 mm)	10 x 34	90°	6	0°	-	139	
4	with ball bearing start roller (Ø 5.0 mm)	10 x 34	90°	6	0°	TiAIN	140	
4	with ball bearing start roller (Ø 4.0 mm)	10 x 34	90°	3	6°	-	141	
4	with ball bearing start roller (Ø 5.0 mm)	10 x 34	90°	3	6°	TiAIN	144	
5	with ball bearing start roller (Ø 4.0 mm)	10 x 34	90°	3	30°	-	145	
6	with ball bearing start roller (Ø 3.0 mm)	6 x 34	R 0.5 mm	3	0°	-	151	
6	with ball bearing start roller (Ø 3.0 mm)	6 x 34	R 1.0 mm	3	0°	-	152	
6	with ball bearing start roller (Ø 3.0 mm)	6 x 34	R 1.5 mm	3	0°	-	153	
7	with ball bearing start roller (Ø 4.0 mm)	10 x 34	R 2.0 mm	3	0°	-	154	
7	with ball bearing start roller (Ø 4.0 mm)	10 x 34	R 2.5 mm	3	0°	-	155	
7	with ball bearing start roller (Ø 4.0 mm)	10 x 34	R 3.0 mm	3	0°	-	156	
7	with ball bearing start roller (Ø 4.0 mm)	10 x 34	R 3.0 mm	3	0°	-	156	



Recommendations for the use of solid carbide form milling cutter art. no. 16750

Type	MILLING CUTTER	Steel				Copper alloys/ cast iron			Stainless steel			Aluminium		Plastics	
		Hardened steels	Tool steels	Case-hardening steels Heat-treated steels	Carbon steel (short-chipping)	Copper, soft brass, soft	Nickel- brass, hard Bronze	Cast iron	Soft, tough varieties	High-strength, brittle varieties	Carbon alloy (short- chipping)	Soft, long-chipping	Carbon alloy (short- chipping)	Soft, long-chipping	Hard, short-chipping
1	16750 102	++	++		++		++	++							
2	16750 103				++		++	+					++		++
2	16750 106	++	++		++		++	++							
2	16750 111				++		++	+					+		++
2	16750 112	++	++		++		++	++							
1	16750 114			++	++		++			++	++				
2	16750 116			++	++		++			++	++				
2	16750 117				++		++				++		++		++
2	16750 122				++	+	++		+		+	+	++	+	++
2	16750 125				++	+	++		+		+	+		+	++
3	16750 130					++						++	++	++	++
3	16750 131					++			+			++	++	++	++
3	16750 134					++			+			++	++	++	++
4	16750 137				++		++	+					+		
4	16750 139				++		++	+					+		
4	16750 140	++	+		++		++	++							
4	16750 141				++		++		+		+	+	++	+	++
4	16750 144			++	++		++		++		++				
5	16750 145					++			+			++	++	++	++
6	16750 151	+	++	++	++	++	++	++	+	++	++	++	++	++	++
6	16750 152	+	++	++	++	++	++	++	+	++	++	++	++	++	++
6	16750 153		+	++	++	++	++	++	+	++	++	++	++	++	++
7	16750 154		+	++	++	++	++	++	+	++	++	++	++	++	++
7	16750 155		+	+	++	++	++	++	+	++	++	+	++	++	++
7	16750 156		+	+	++	++	++	++	+	+	++	+	++	++	++

++ Ideal + Limited suitability