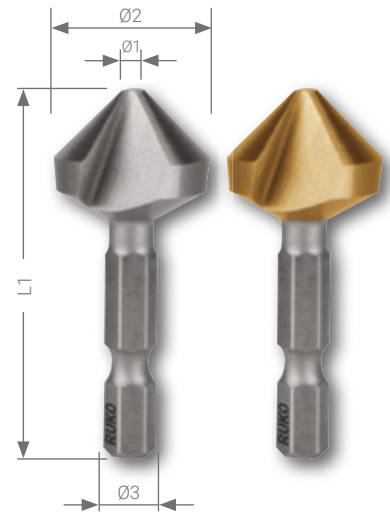


Taper and deburring countersinker bits 90° "long series" HSS / HSS-TiN with 1/4" hexagonal shank

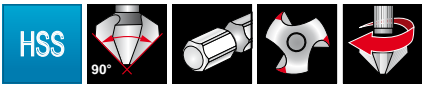
Rapid tool-changing thanks to hexagonal bit holder. Ideal for burr- and chatter-free deburring and countersinking. Applicable for steel, cast iron, non-ferrous and light metals. Best results at low cutting speeds.

Packing unit: in plastic tubes of 1



Steel (N/mm2) < 900	■	■	■
Steel (N/mm2) < 1100		□	□
Steel (N/mm2) < 1300			
Rust-resistant steel			□
Aluminium	■		
Brass	■	■	■
Bronze	□	□	□
Plastics	■	■	■
Cast iron	□	□	□
Titanium alloyed			

Ø2 mm	Ø1 mm	L1 mm	Ø3 inch	Countersinkings as per DIN 74				
				AF	BF			
6,3	1,5	38,0	1/4"	-	M 3	102 313	102 313 T	1
8,3	2,0	38,0	1/4"	-	M 4	102 314	102 314 T	1
10,4	2,5	41,0	1/4"	-	M 5	102 315	102 315 T	1
12,4	2,8	42,0	1/4"	-	M 6	102 316	102 316 T	1
16,5	3,2	47,0	1/4"	-	M 8	102 317	102 317 T	1
20,5	3,5	48,0	1/4"	-	M 10	102 318	102 318 T	1



Taper and deburring countersinker bits 90° "long series" HSS / HSS-TiN with 1/4" hexagonal shank in steel case

7-piece set of taper and deburring countersinker bits 90° 6 taper and deburring countersinker bits Ø 6,3 - 8,3 - 10,4 - 12,4 - 16,5 - 20,5 mm + 1 universal handle with 1/4" hexagon socket	102 319	102 319 T



102 319

Taper and deburring countersinker bits 90° "long series" HSS / HSS-TiN with 1/4" hexagonal shank in plastic case

8-piece set of taper and deburring countersinker bits 90° 6 taper and deburring countersinker bits Ø 6,3 - 8,3 - 10,4 - 12,4 - 16,5 - 20,5 mm + 1 universal handle with 1/4" hexagon socket + 1 cutting paste, 30 g	102 319 RO	102 319 TRO



102 319 TRO