

## Screw-hole punches with three-point cutting tip

Die: three-point cutting tip  
 Mat. thickness: up to 4 mm  
 Material: special steel  
 Draw-in bolt: metric fine-threads,  
 from MF 10 grade 12.9

Suitable for sheet steel, stainless-steel sheets,  
 non-ferrous and light metals, plastics. Ideal  
 for switchgear manufacturers, electricians,  
 plumbers, industry and handicrafts.

Packing unit:  
 individual cartons

Ø mm	Through dimensions M + PG	Draw-in bolt MF	Article no. standard	Price / each € standard	Article no. ball bearing	Price / each € ball bearing
12,7	M 12 / PG 7	MF 8	109 127		—	
14,0		MF 8	109 140		—	
15,2	PG 9	MF 10	109 152		109 152 K	
16,0		MF 10	109 160		109 160 K	
16,5	M 16	MF 10	109 165		109 165 K	
17,0		MF 10	109 170		109 170 K	
18,0		MF 10	109 180		109 180 K	
18,6	PG 11	MF 10	109 186		109 186 K	
19,0		MF 10	109 190		109 190 K	
20,0		MF 10	109 200		109 200 K	
20,4	M 20 / PG 3,5	MF 10	109 204		109 204 K	
21,0		MF 10	109 210		109 210 K	
22,0		MF 10	109 220		109 220 K	
22,5	PG 16	MF 10	109 225		109 225 K	
23,0		MF 10	109 230		109 230 K	
24,0		MF 10	109 240		109 240 K	
25,0		MF 10	109 250		109 250 K	
25,4	M 25	MF 10	109 254		109 254 K	
26,0		MF 10	109 260		109 260 K	
27,0		MF 10	109 270		109 270 K	
28,3	PG 21	MF 12	109 283		109 283 K	
29,0		MF 12	109 290		109 290 K	
30,0		MF 12	109 300		109 300 K	
31,0		MF 12	109 310		109 310 K	
32,0		MF 12	109 320		109 320 K	
32,5	M 32	MF 12	109 325		109 325 K	
33,0		MF 12	109 330		109 330 K	
34,0		MF 12	109 340		109 340 K	
35,0		MF 12	109 350		109 350 K	
36,0		MF 12	109 360		109 360 K	
37,0	PG 29	MF 12	109 370		109 370 K	
38,0		MF 12	109 380		109 380 K	
39,0		MF 12	109 390		109 390 K	
40,0		MF 12	109 400		109 400 K	
40,5	M 40	MF 16	109 405		109 405 K	
41,0		MF 16	109 410		109 410 K	
42,0		MF 16	109 420		109 420 K	
43,0		MF 16	109 430		109 430 K	
44,0		MF 16	109 440		109 440 K	
45,0		MF 16	109 450		109 450 K	
46,0		MF 16	109 460		109 460 K	
47,0	PG 36	MF 16	109 470		109 470 K	
48,0		MF 16	109 480		109 480 K	
49,0		MF 16	109 490		109 490 K	
50,0		MF 16	109 500		109 500 K	
50,5	M 50	MF 16	109 505		109 505 K	
51,0		MF 16	109 510		109 510 K	
52,0		MF 16	109 520		109 520 K	
53,0		MF 16	109 530		109 530 K	
54,0	PG 42	MF 16	109 540		109 540 K	
55,0		MF 16	109 550		109 550 K	
60,0	~ PG 48	MF 16	109 600		109 600 K	
63,5	M 63	MF 16	109 635		109 635 K	



No. 109 300

- Cuts holes in thin materials quickly, easily, cleanly and without burrs in a few simple operations
- Three-point cut gives improved contact and thus less deformation of the punched parts, preventing damage to the draw-in bolt
- The ball bearing between draw-in bolt and die plate makes handling even simpler and quicker, reducing the force required by approx. 67%
- Before the screw-hole punch is used, the draw-in bolt should always be lubricated with RUKO cutting spray or cutting paste
- The metric draw-in bolts of RUKO screw hole punches are always of the highest quality grade and are thus designed for extreme loads. If lost, they can be replaced for short periods of time by standard metric fine threaded bolts
- Particularly suitable for use with spanners, manual or foot-operated hydraulic punches
- Special sizes available on request



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