



STANDARD PUNCH – Metric M 12 - M 75 + PG 7 - PG 48

with 3 cutting tips – punch, die and tension screw • Made in Germany by ALFRA



Punching steel sheets (St 37) and plastics – quickly, easily, cleanly and without burrs!

- Suitable for sheet metal (St 37) thickness:
2.0 mm with screws Ø 9.5 mm or
3.0 mm with screws Ø 19.0 mm.
- Exceeding these values can lead to damages on the tension screws.
When operating with the spanner, make sure you grease the tension screws. (lubricating paste Prod.-No. 33005)
- Pre-drilling: Screws Ø 9.5 mm: Ø 11.0 mm
Screws Ø 19.0 mm: Ø 20.5 mm
- Using tension screws with ball bearings > saves energy during hand operation, by reducing the friction between the punch and die.



Puncher cutting diagram



Prod.-No. 01336



Prod.-No. 01340

Ø in mm	Size Metric	Size PG	Prod.-No. (punch, die +tension screw)	Suitable tension screw Ø x l in mm	Prod.-No.	Suitable tension screw with ball bearing Ø x l in mm	Prod.-No.
12,7	M 12	7	01001	9,5 x 40	01335	9,5 x 50	01339
15,2		9	01005	9,5 x 40	01335	9,5 x 50	01339
16,2	M 16		01009	9,5 x 40	01335	9,5 x 50	01339
18,6		11	01021	9,5 x 40	01335	9,5 x 50	01339
19,0			01025	9,5 x 40	01335	9,5 x 50	01339
20,0			01029	9,5 x 40	01335	9,5 x 50	01339
20,4	M 20	13	01033	9,5 x 40	01335	9,5 x 50	01339
22,0			01041	9,5 x 40	01335	9,5 x 50	01339
22,5		16	01045	9,5 x 40	01335	9,5 x 50	01339
25,0			01053	9,5 x 50	01336	9,5 x 50	01339
25,4	M 25		01057	9,5 x 50	01336	9,5 x 50	01339
28,3		21	01069	9,5 x 50	01336	9,5 x 50	01339
28,3		21	01073	19,0 x 55	01337	19,0 x 55	01340
30,1			01085	9,5 x 50	01336	9,5 x 50	01339
30,5			01093	9,5 x 50	01336	9,5 x 50	01339
31,7			01101	9,5 x 50	01336	9,5 x 50	01339
32,5	M 32		01105	9,5 x 50	01336	9,5 x 50	01339
35,0			01121	9,5 x 50	01336	9,5 x 50	01339
35,0			01125	19,0 x 55	01337	19,0 x 55	01340
37,0		29	01129	19,0 x 55	01337	19,0 x 55	01340
38,0			01133	19,0 x 55	01337	19,0 x 55	01340
40,5	M 40		01149	19,0 x 55	01337	19,0 x 55	01340
42,8			01157	19,0 x 55	01337	19,0 x 55	01340
47,0		36	01165	19,0 x 75	01338	19,0 x 75	01341
50,5	M 50		01177	19,0 x 75	01338	19,0 x 75	01341
54,0		42	01189	19,0 x 75	01338	19,0 x 75	01341
60,0		48	01201	19,0 x 75	01338	19,0 x 75	01341
63,5	M 63		01209	19,0 x 75	01338	19,0 x 75	01341
For 68.0 mm onwards the operation with a screw spanner is still possible, but we recommend the application of hydraulic devices.							
68,0			01241	19,0 x 75	01338	19,0 x 75	01341
70,0			01221	19,0 x 75	01338	19,0 x 75	01341
75,5	M 75		01225	19,0 x 75	01338	19,0 x 75	01341
80,0			01237	19,0 x 75	01338	19,0 x 75	01341
82,0			01245	19,0 x 75	01338	19,0 x 75	01341
		Punch	Die				
89,0		01251	01252				
92,0		01253	01254				
100,5		01257	01258				
115,5		01265	01266				
120,0		01267	01268				

From 89.0 mm the application of hand, foot or electrohydraulic pumps is necessary.
Necessary accessories:
Hydraulic tension screw 28.3 x 155 mm Prod.-No. 01398 and
lock nut No. 7. Prod.-No. 01419

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STANDARD PUNCH – Metric + PG sets

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- All sets are delivered in robust and practical plastic boxes.
- We gratefully accept your special equipment requirement.

Metric punch set

Prod.-No.

01290

Content: 5 **metric** dimensions
each 1 x punch and die
M 16/20/25/32/40

Metric punch set

Prod.-No.

01291

Content: 7 **metric** dimensions
each 1 x punch and die
M 16/20/25/32/40/50/63

Punch set PG

Prod.-No.

01451

Content: 5 **PG** dimensions
each 1 x punch and die PG 9/11/13/16/21
2 ball bearing screws \varnothing 9.5 x 50.0 mm
1 Pre-drill HSS \varnothing 11.0 mm
1 Tube lubricating paste

Punch set PG

Prod.-No.

01298

Content: 11 **PG** dimensions
each 1 x punch and die PG 7/9/11/13/16/21/29/36/42/48
and \varnothing 30.5 mm



Prod.-No. 01290 – 5-metric dimensions



Prod.-No. 01291 – 7-metric dimensions



Prod.-No. 1451 – 5 PG-dimensions



Prod.-No. 01298 – 11 PG-dimensions