



STANDARD PUNCHING TOOLS

with 3 cutting tips • Made in Germany by ALFRA

Sheet metal punching system with splitter punch for **mild steel (S235)**.

Operation:

By means of spanner or hydraulic device.

Suitable for mild steel (S235) sheet thicknesses:

2.0 mm with screws Ø 9.5 mm or

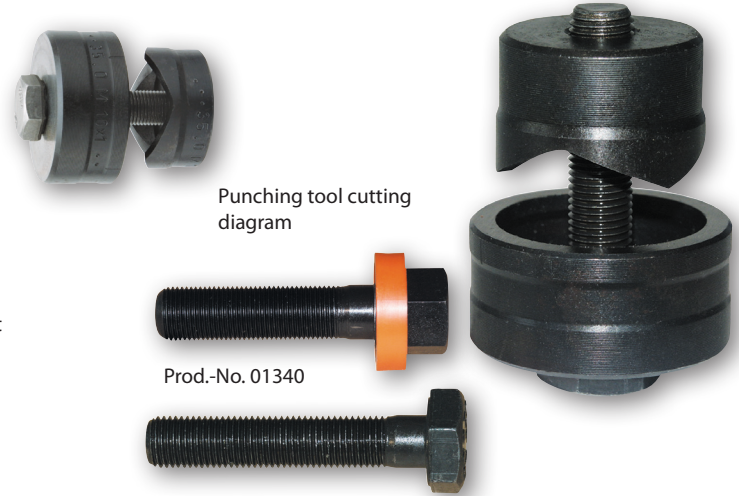
3.0 mm with screws Ø 19.0 mm.

Pre-drilling: screws Ø 9.5 mm: Ø at least 11.0 mm
screws Ø 19.0 mm: Ø at least 20.5 mm
screws Ø 28.3 mm: Ø at least 30.5 mm

■ Apply grease to tension screws. Metal lubricating paste protects against wear and seizure > see page A/28.

■ For hand operation, tension screws with ball bearings (BB) must be used > see below.

■ Accessories (tension screws, pre-drills, ...) > see page A/27.



Punching tool cutting diagram

Prod.-No. 01340

Prod.-No. 01336

Ø in mm	Size metric	Size PG	Size INCH	Size conduit & pipe	Prod.-No. (punch, die + tension screw)	Prod.-No. 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	1/2"	0.500	01001	9.5 x 40	01335	01339
15.2	-	9		0.598	01005	9.5 x 40	01335	01339
16.2	M 16	-		0.638	01009	9.5 x 40	01335	01339
18.6	-	11		0.732	01021	9.5 x 40	01335	01339
19.0	-	-	3/4"	0.748	01025	9.5 x 40	01335	01339
20.0	-	-		0.787	01029	9.5 x 40	01335	01339
20.4	M 20	13		0.803	01033	9.5 x 40	01335	01339
22.0	-	-		0.866	01041	9.5 x 40	01335	01339
22.5	-	16	7/8"	0.886	01045	9.5 x 40	01335	01339
25.0	-	-		0.984	01053	9.5 x 50	01336	01339
25.4	M 25	-	1"	1.000	01057	9.5 x 50	01336	01339
28.3	-	21		1.114	01069	9.5 x 50	01336	01339
28.3	-	21		1.114	01073	19.0 x 55	01337	01340
30.1	-	-		1.185	01085	9.5 x 50	01336	01339
30.5	-	-	1 7/32"	1.201	01093	9.5 x 50	01336	01339
31.7	-	-	1 1/4"	1.248	01101	9.5 x 50	01336	01339
32.5	M 32	-		1.280	01105	9.5 x 50	01336	01339
34.6	-	-		1.362	01117	19.0 x 55	01337	01340
35.0	-	-	1 3/8"	1.378	01121	9.5 x 50	01336	01339
35.0	-	-	1 3/8"	1.378	01125	19.0 x 55	01337	01340
37.0	-	29		1.457	01129	19.0 x 55	01337	01340
38.0	-	-	1 1/2"	1.496	01133	19.0 x 55	01337	01340
40.5	M 40	-		1.594	01149	19.0 x 55	01337	01340
42.8	-	-		1.685	01157	19.0 x 55	01337	01340
43.2	-	-	1 11/16"	1.701	01161	19.0 x 55	01337	01340
47.0	-	36		1.850	01165	19.0 x 75	01338	01341
49.6	-	-	1 15/16"	1.953	01169	19.0 x 75	01338	01341
50.5	M 50	-		1.988	01177	19.0 x 75	01338	01341
54.0	-	42	2 1/8"	2.126	01189	19.0 x 75	01338	01341
60.0	-	48		2.362	01201	19.0 x 75	01338	01341
61.5	-	-	2 3/8"	2.421	01205	19.0 x 75	01338	01341
63.5	M 63	-	2 1/2"	2.500	01209	19.0 x 75	01338	01341
68.0	-	-		2.677	01241	19.0 x 75	01338	01341
70.0	-	-	2 3/4"	2.756	01221	19.0 x 75	01338	01341
75.5	M 75	-	2 7/8"	2.972	01225	19.0 x 75	01338	01341
76.2	-	-	3"	3.000	01229	19.0 x 75	01338	01341
80.0	-	-	3 1/8"	3.150	01237	19.0 x 75	01338	01341
82.0	-	-		3.228	01245	19.0 x 75	01338	01341
89.0	-	1251	3 1/2"	3.504	01252			
92.0	-	1253	3 5/8"	3.622	01254			
100.5	-	1257		3.957	01258			
115.5	-	1265	4 1/2"	4.547	01266			
120.0	-	1267		4.724	01268			

From 89.0 mm onwards the use of hydraulic devices is necessary. Accessories required:
Hydraulic screw 28.3 x 155 mm Prod.-No. 01398 or special tension screw 01398L and lock nut no. 7, Prod.-No. 01419