

Sheet Metal Punchers

Splitting punch

- Plastic-encapsulated ball bearing tension bolt – protection against dirt, longer service life.
- Newly developed cutting edge geometry – long service life.
- 3x splitting of the material in the die – no material sticks to the tension bolt, guaranteed even tool stressing and precise, burr-free, circular holes.
- 4 notches on the die – precise alignment on the cross hairs.

Manual Hydraulic Punch

Compact aluminum design with overpressure valve

- Weight: 1.6 kg.
- Manual lever with spring support – returns automatically to its original position, one-handed operation possible.
- Overload valve – guarantees user-friendly and tool-friendly use.

Accessories

Designation	Dia. in mm	Art. No.	P. Qty.
Spacer bushings set (3-part)	37 (h=10/16/23)	0619 701 1	1
Tension bolts	9.5 x 75	0619 701 2	
Tension bolts	19.0 x 120	0619 701 3	
Adaptor	19.0 / 9.5	0619 701 4	

Tip:

For tension bolt dia. 19.0 mm, pre-punching is also possible with sheet metal puncher size M 20 (PG 13.5) as an alternative.



Delivery overview, ranges

Item No. 1	Item No. 2	Item No. 3	Item No. 4	P. Qty.
Art. No. 0619 701 001	Art. No. 0619 701 003	Art. No. 0619 701 002	Art. No. 0619 701	1
Punch and die M16, M20, M25, M32, M40 and 30.5	Punch and die PG9, PG11, PG13.5 PG16, PG21, PG29, PG36 and PG48	Manual hydraulic punch Punch and die M16, M20, M25, M32, M40 and 30.5	Manual hydraulic punch Tension bolts dia. 9.5 and 19.0 spacer bushings set	
KL tension bolt dia. 9.5 and 19.0	KL tension bolt dia. 9.5 and 19.0	tension bolts dia. 9.5 and 19.0 Spacer bushings set		
8 pcs.	10 pcs.	12 pcs.	6 pcs.	

For pre-drilling: HSS twist drill, Art. No. 0624 ..
For greasing the tension bolt: AL 1100, Art. No. 0893 110 1.

Delivery overview, splitting punch M12 - M63

Metric ISO sizes in accordance with EN 50262

Metr. thread dia. in mm	Bolt in mm	Rec. drilling dia. in mm	Art. No.	P. Qty.
Punch (3x splitter) and die with KL tension bolt				
M 12 / 12.5	6.0 x40	6.2	0619 701 125	
M 16 / 16.2	9.5 x50	10.0	0619 701 162	
M 20 / 20.4 (PG 13.5)			0619 701 204	
M 25 / 25.4			0619 701 254	
- / 30,5 *			0619 701 305	
M 32 / 32.5	19.0 x 75	19.5	0619 701 325	
M 40 / 40.5			0619 701 405	
M 50 / 50.5			0619 701 505	
M 63 / 63.5			0619 701 635	
Available separately				
Punch (3x splitter) and die				
M 12 / 12.5			0619 702 125	1
M 16 / 16.2			0619 702 162	
M 20 / 20.4 (PG 13.5)			0619 702 204	
M 25 / 25.4			0619 702 254	
M 32 / 32.5			0619 702 325	
M 40 / 40.5			0619 702 405	
M 50 / 50.5			0619 702 505	
M 63 / 63.5			0619 702 635	
KL tension bolt				
10 mm	6.0 x 40	6.2	0619 760 040	
17 mm	9.5 x 50	10.0	0619 795 050	
27 mm	19.0 x 75	19.5	0619 719 075	

* Control elements (pushbuttons, switches, indicator lamps).

Delivery overview, splitting punch PG 9 - PG 48

PG thread dia. in mm	Screw in mm	Rec. drilling dia. in mm	Art. No.	P. Qty	
Available separately					
Punch (3x splitter) and die					
PG 9 / 15.2	9.5 x 50	10.0	0619 152*	1	
PG 11 / 18.6			0619 186*		
PG 13.5 / 20.4			0619 702 204		
PG 16 / 22.5			0619 225*		
PG 21 / 28.3	19.0 x 75	19.5	0619 283*		
PG 29 / 37.0			0619 370*		
PG 36 / 47.0			0619 470*		
PG 48 / 60.0			0619 600*		
KL tension bolt					
17 mm	9.5 x 50	10.0	0619 795 050		
27 mm	19.0 x 75	19.5	0619 719 075		

* ARSY

Material thicknesses that can be perforated

Material	Screw dia. 6 mm	Screw dia. 9.5 mm	Screw dia. 19 mm
St 37	2	2	3
Aluminium	2	2	3.5
Copper	2	2	3.5
Fibreglass	2	2	3.5