

Gap sheet metal punch with ball thrust bearing, Punch Ø (hole Ø): 20,5 mm



Order data

Order number	834160 20,5
GTIN	2050000995583
Item class	86C

Description

Version:

Consisting of matrix, punch, and draw bolt.

With ball thrust bearing and **split punch**, which cuts the waste material into 3 pieces. The cut pieces easily fall out of the matrix.

Application:

For punching holes into diverse materials such as sheet steel, sheet stainless steel, sheet aluminium, sheet copper etc. Particularly useful where access is difficult (e.g. large sheet metal plates, control cabinets, fuse boxes, junction boxes, dashboards, sink basins, bodywork etc.). Not suitable for pipework. It is imperative to grease the pressure screw and matrix before use.

Operation:

- using a **wrench**
- using **manual hydraulics** No. 834655 size 1.
- using a **manual hydraulic drive** No. 834700. **From 50 mm Ø upwards the use of the manual hydraulic drive is recommended.**

Material:

Special tool steel, burnished.

Note:

- **When using hydraulic tools, use draw bolt No. 834070 (optional accessory) instead of the pressure screw.**
- **Size 32 and 35 for holes in stainless steel sinks, to attach 1/2 inch sink fitments.**

for metric threads to DIN EN 60423: M20×1.5

for conduit threads to DIN 40430: Pg13

Draw screw: M10×1×45

hole Ø to be pre-drilled: 11 mm

Draw screw size: 17 mm
for material thickness (sheet metal St 37): 1.75 mm

Technical description

for material thickness (sheet metal St 37)	1.75 mm
hole Ø to be pre-drilled	11 mm
for metric threads to DIN EN 60423	M20×1.5
for stainless sheet steel depending on tensile strength up to	1.25 mm
Draw screw	M10×1×45
Draw screw size	17 mm
for conduit threads to DIN 40430	Pg13
Punch Ø (hole Ø)	20.5 mm
Type of product	Hole and punch tool

Accessories

Spare draw bolt for round sheet metal punches Thread Ø / Length 10/45 mm	834040 10/45
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