

HOLEX**Round sheet metal punch with ball thrust bearing, Punch Ø (hole Ø): 20,5mm****Order data**

Order number	834100 20,5
GTIN	2050001002549
Item class	86C

Description**Version:**

Consisting of matrix, punch, and draw bolt.

With ball thrust bearing = for easier operation using a wrench. Friction between punch and screw is reduced, so less force is required.

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.**

Technical description

for material thickness (sheet metal St 37)	1.75 mm
Draw screw	M10×1×45
Punch Ø (hole Ø)	20.5 mm
for conduit threads to DIN 40430	PG13
for metric threads to DIN EN 60423	M20×1.5
hole Ø to be pre-drilled	11 mm
Draw screw size	17 mm
for stainless sheet steel depending on tensile strength up to	1.25 mm
Type of product	Punching tool

Accessories

Spare draw bolt for round sheet metal punches Thread Ø / Length 10/45 mm	834040 10/45
Round sheet metal punch without ball thrust bearing Punch Ø (hole Ø) 20,5 mm	834000 20,5
Spare ball bearing draw bolt for round sheet metal punches Thread Ø / Length 10/55 mm	834060 10/55