

**HOLEX****Gap sheet metal punch with ball thrust bearing, Punch Ø (hole Ø): 28,3mm****Order data**

Order number	834160 28,3
GTIN	2050000995613
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.**

**Technical description**

hole Ø to be pre-drilled	11 mm
for stainless sheet steel depending on tensile strength up to	1.25 mm
Punch Ø (hole Ø)	28.3 mm
Draw screw size	17 mm
for conduit threads to DIN 40430	PG21
for material thickness (sheet metal St 37)	1.75 mm
Draw screw	M10×1×55
Type of product	Punching tool

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## Accessories

Spare draw bolt for round sheet metal punches Thread Ø / Length 10/55 mm	834040 10/55
Spare ball bearing draw bolt for round sheet metal punches Thread Ø / Length 10/55 mm	834060 10/55