

**HOLEX**
**Round sheet metal punch with ball thrust bearing, Punch Ø (hole Ø): 45mm**

**Order data**

Order number	834100 45
GTIN	2050001002594
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**

Punch Ø (hole Ø)	45 mm
for stainless sheet steel depending on tensile strength up to	1.75 mm
Draw screw	M16×1.5×70
Draw screw size	24 mm
hole Ø to be pre-drilled	17 mm
for material thickness (sheet metal St 37)	2.5 mm
Type of product	Punching tool

## Accessories

Spare ball bearing draw bolt for round sheet metal punches Thread Ø / Length 16/70 mm	834060 16/70
Spare draw bolt for round sheet metal punches Thread Ø / Length 16/70 mm	834040 16/70
Round sheet metal punch without ball thrust bearing Punch Ø (hole Ø) 45 mm	834000 45