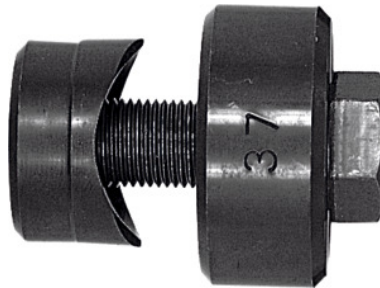


## Round sheet metal punch without ball thrust bearing, Punch Ø (hole Ø): 20 mm



### Order data

Order number	834000 20
GTIN	2050000996436
Item class	86C

### Description

#### Version:

Consisting of matrix, punch, and draw bolt.

**Without** ball thrust bearing.

#### 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.**

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  
for stainless sheet steel depending on tensile strength up to: 1.25 mm

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## Technical description

Punch Ø (hole Ø)	20 mm
Draw screw size	17 mm
hole Ø to be pre-drilled	11 mm
for material thickness (sheet metal St 37)	1.75 mm
for stainless sheet steel depending on tensile strength up to	1.25 mm
Draw screw	M10×1×45
Type of product	Hole and punch tool

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## Accessories

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