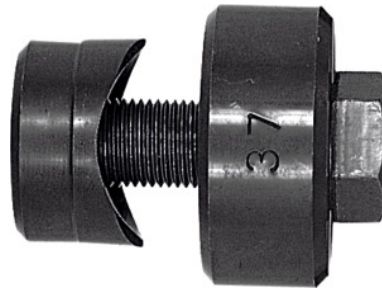


## Round sheet metal punch without ball thrust bearing, Punch Ø (hole Ø): 60 mm



### Order data

Order number	834000 60
GTIN	2050000996603
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.**

for conduit threads to DIN 40430: Pg48

Draw screw: M20×1.5×80

hole Ø to be pre-drilled: 21 mm

Draw screw size: 30 mm  
 for material thickness (sheet metal St 37): 3 mm  
 for stainless sheet steel depending on tensile strength up to: 2 mm

## Technical description

hole Ø to be pre-drilled	21 mm
Draw screw size	30 mm
for conduit threads to DIN 40430	Pg48
Draw screw	M20×1.5×80
for stainless sheet steel depending on tensile strength up to	2 mm
Punch Ø (hole Ø)	60 mm
for material thickness (sheet metal St 37)	3 mm
Type of product	Hole and punch tool

## Accessories

Spare draw bolt for round sheet metal punches Thread Ø / Length 20/80 mm	834040 20/80
Spare ball bearing draw bolt for round sheet metal punches Thread Ø / Length 20/80 mm	834060 20/80