



ROEMHELD
HILMA ■ STARK

Issue 12-16 E

WZ 6.2273

Clamping Nut, Mechanical with through-hole and clamping force display



Advantages

- Temperature resistance up to 120 °C
- High safety due to 360° visible clamping force display
- High clamping force with low torque
- Easy to retrofit
- Clamping nut with through-hole thread, therefore high adaptability to varying heights of clamping edges and tolerances
- Reclamping on the clamping edge by preloaded Belleville spring assembly - the clamping force is maintained
- Easy clamping and unclamping by hand
- Hydraulic-free and maintenance-free clamping
- Maximum force density in the smallest space

Application example



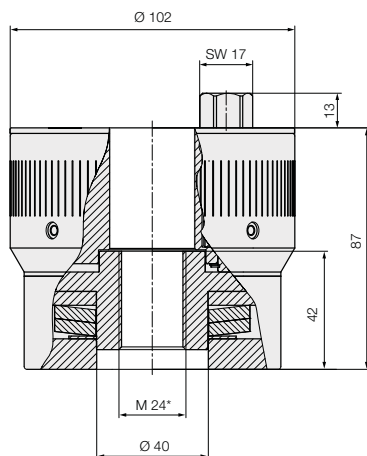
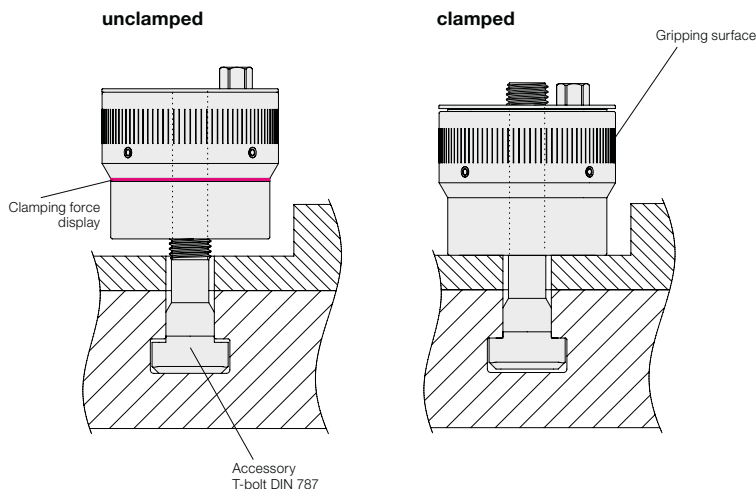
Application

- Clamping and locking of dies on press bed and ram
- When highest clamping force is required in the smallest possible space
- If no hydraulic power unit is available
- Where oil-free clamping is desired

Description

Following manual positioning of the clamping nut against the clamping edge, the integral gear and the Belleville springs will be preloaded by turning the hexagon nut.

As a result, a high clamping force is generated with a small torque. The required clamping force is reliably displayed by clamping force display and the integrated Belleville spring assembly ensures reclamping of the clamping nut in the case of clamping edge changes.



Technical data

T-slot DIN 650:	[mm]	28
Clamping force	[kN]	100
Weight, approx.	[kg]	4.2
Clamping nut without T-bolt		
Part no.		8.2276.0500
T-bolt separate (L = 160 mm)		
Part no.		5700-024

*Additional sizes as well as variations in the thread sizes and T-slot dimensions are available on request.