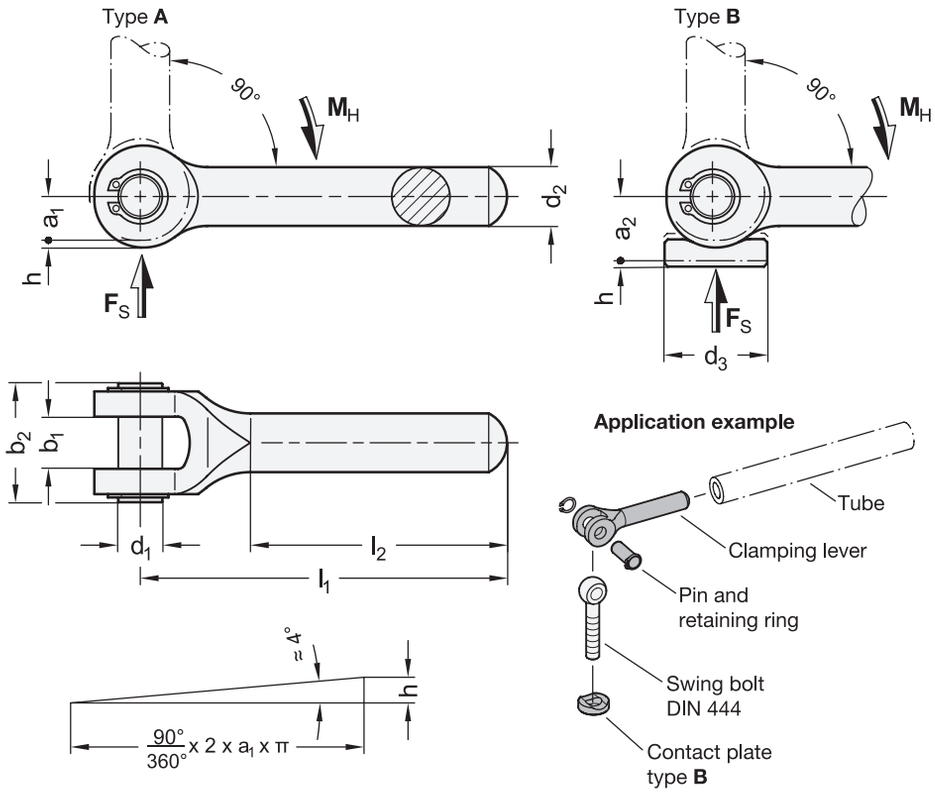

Metric

3 Type

A Without contact plate
B With contact plate

Metric table

Dimensions in: millimeters - *inches*

1 l_1	2 d_1 f8	a_1 ≈	a_2 ≈	b_1 +0.2	b_2	d_2	d_3	h ≈ Stroke	l_2 ≈	F_S ≈ Clamping Force	M_H in Nm ≈ Torque
64 *2.52*	8 *0.315*	9 *0.35*	12.3 *0.48*	9.2 *0.362*	24 *0.94*	10 *0.39*	20 *0.79*	1 *0.039*	41 *1.61*	7.5 kN *1686 lbf*	25
80 *3.15*	10 *0.394*	10 *0.39*	14.2 *0.56*	12.2 *0.480*	28 *1.10*	12 *0.47*	24 *0.94*	1.1 *0.043*	54 *2.13*	12 kN *2698 lbf*	45
100 *3.94*	12 *0.472*	12.5 *0.49*	17.7 *0.70*	14.2 *0.559*	33 *1.30*	16 *0.63*	28 *1.10*	1.4 *0.055*	70 *2.76*	18 kN *4047 lbf*	80
125 *4.92*	16 *0.630*	16 *0.63*	22.5 *0.89*	17.2 *0.677*	41 *1.61*	20 *0.79*	36 *1.42*	1.7 *0.067*	88 *3.46*	34 kN *7644 lbf*	200

Specification

4

- Lever body
  - Steel, case-hardened
  - Blackened **BT**
- Pin
  Steel, case-hardened
- Contact plate
  Steel, case-hardened
- Retaining rings DIN 471
  Steel
- *ISO Fundamental Tolerances → page XYZ*
- RoHS compliant

Information

Spiral cam levers GN 9027 are used to quickly clamp fixture and machine components with high clamping forces, independent of the direction of the lever. The pitch of the double-sided clamping spiral creates a self-locking effect.

Due to the robust design, the lever can be extended by attaching a tube or brought into the desired clamping position by using a soft-face hammer. No torque is applied to the clamping screw or the clamping point during the clamping operation.

When combined with swing bolts DIN 444, the spiral cam levers are suitable for many different applications. The contact plate of type B prevents damage to the clamping surface. The clamping mechanism can be lubricated for easier operation.

Accessory

- Swing bolts DIN 444 → *page XYZ*

How to order

1 2 3 4
GN 9027-125-16-A-BT

1	**Length l_1**
2	**Diameter d_1**
3	**Type**
4	**Finish**