

Spiral Cam Levers

Steel

SPECIFICATION

Types

- Type **A**: Without contact plate
- Type **B**: With contact plate

Lever

- Steel, case-hardened
- Blackened **BT**

Pin

Steel, case-hardened

Contact plate

Steel, case-hardened

Retaining rings DIN 471

Steel



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.

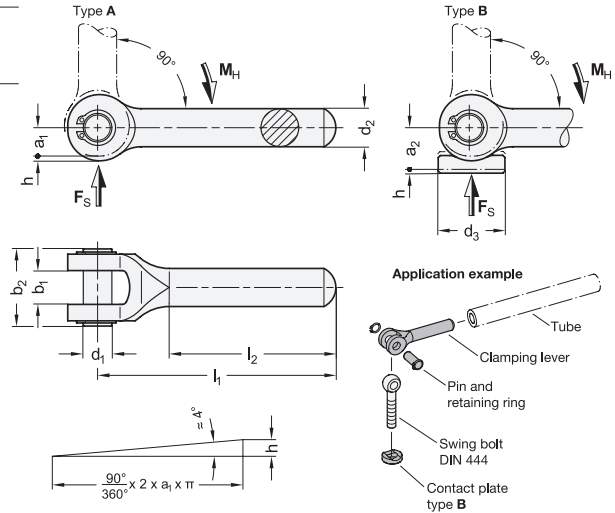
When combined with swing bolts DIN 444 (see page 935), the spiral cam levers are suitable for many different applications. The contact plate of type B prevents damage to the clamping surface. The clamping mechanism can be lubricated for easier operation.

ACCESSORY

- Swing Bolts DIN 444 (see page 935)

TECHNICAL INFORMATION

- ISO-Fundamental Tolerances (see page A21)



GN 9027-A

Description	l ₁	d ₁ f8	a ₁ ≈	b ₁ +0.2	b ₂	d ₂	h ≈ Stroke	l ₂ ≈	F _s in kN ≈ Clamping Force	M _H in Nm ≈ Torque	⚖
GN 9027-64-8-A-BT	64	8	9	9.2	24	10	1	41	7.5	25	69
GN 9027-80-10-A-BT	80	10	10	12.2	28	12	1.1	54	12	45	114
GN 9027-100-12-A-BT	100	12	12.5	14.2	33	16	1.4	70	18	80	226
GN 9027-125-16-A-BT	125	16	16	17.2	41	20	1.7	88	34	200	459

GN 9027-B

Description	l ₁	d ₁ f8	a ₂ ≈	b ₁ +0.2	b ₂	d ₂	d ₃	h ≈ Stroke	l ₂ ≈	F _s in kN ≈ Clamping Force	M _H in Nm ≈ Torque	⚖
GN 9027-64-8-B-BT	64	8	12.3	9.2	24	10	20	1	41	7.5	25	77
GN 9027-80-10-B-BT	80	10	14.2	12.2	28	12	24	1.1	54	12	45	128
GN 9027-100-12-B-BT	100	12	17.7	14.2	33	16	28	1.4	70	18	80	249
GN 9027-125-16-B-BT	125	16	22.5	17.2	41	20	36	1.7	88	34	200	509