

Safety Tension Levers

Steel, with Internal Thread / with Threaded Stud,
Push to Engage

SPECIFICATION

Types

- Type **E**: Angled lever
- Type **D**: Straight lever

Hub / Shaft

Steel
Blackened

Insert

- Steel
- Property class 5.8 (with threaded stud)
 - Blackened

Ball knob DIN 319 (see page 538)

Plastic, phenolic resin (PF)
Black, shiny finish

Safety circlip

Plastic, polyacetal (POM)



INFORMATION

Safety tension levers GN 312 are used on such applications where a thoughtless or mistaken releasing or re-positioning of the tension lever could lead to an accident.

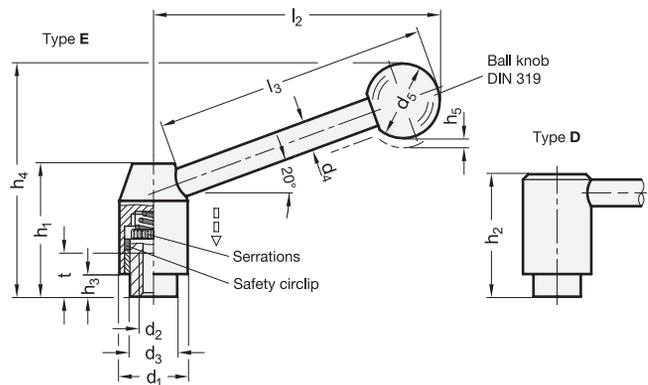
The lever in its rest position is not connected with the internal spindle and can be rotated unhindered.

The tension lever engages in the serration only after pushing it down, thus allowing clamping or unclamping.

The „freewheel“ position is re-established as soon as the handle is released.

TECHNICAL INFORMATION

- Strength Values of Screws (see page A20)
- Plastic Characteristics (see page A2)



GN 312-With Internal Thread

Description	d ₁	d ₂	d ₃	d ₄	d ₅	h ₁	h ₂	h ₃	h ₄	h ₅ Stroke	l ₂	l ₃	t min.	
GN 312-21-M6-E	21	M 6	13.5	8	20	37	-	4.5	62	3	75	70	11	101
GN 312-21-M6-D	21	M 6	13.5	8	20	-	34.5	4.5	39	3	81	-	11	101
GN 312-21-M8-E	21	M 8	13.5	8	20	37	-	4.5	62	3	75	70	11	99
GN 312-21-M8-D	21	M 8	13.5	8	20	-	34.5	4.5	39	3	81	-	11	99
GN 312-24-M8-E	24	M 8	16	10	25	44	-	6.5	78	3.5	101	96	14	165
GN 312-24-M8-D	24	M 8	16	10	25	-	41	6.5	47	3.5	108	-	14	167
GN 312-24-M10-E	24	M 10	16	10	25	44	-	6.5	78	3.5	101	96	14	161
GN 312-24-M10-D	24	M 10	16	10	25	-	41	6.5	47	3.5	108	-	14	163
GN 312-28-M10-E	28	M 10	19	12	30	53	-	8.5	93	4	116	110	17	286
GN 312-28-M10-D	28	M 10	19	12	30	-	49	8.5	56	4	124	-	17	273
GN 312-28-M12-E	28	M 12	19	12	30	53	-	8.5	93	4	116	110	17	270
GN 312-28-M12-D	28	M 12	19	12	30	-	49	8.5	56	4	124	-	17	267
GN 312-33-M12-E	33	M 12	23	12	32	60	-	10.5	105	4.5	131	124	22	407
GN 312-33-M12-D	33	M 12	23	12	32	-	56	10.5	65	4.5	140.5	-	22	399
GN 312-33-M16-E	33	M 16	23	12	32	60	-	10.5	105	4.5	131	124	22	390
GN 312-33-M16-D	33	M 16	23	12	32	-	56	10.5	65	4.5	140.5	-	22	382

