

GN 804

Clamping bolts with adjustable spring-loaded clamping pad

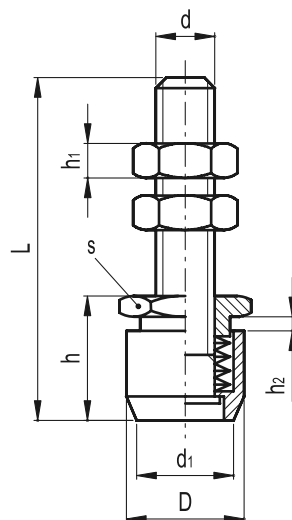
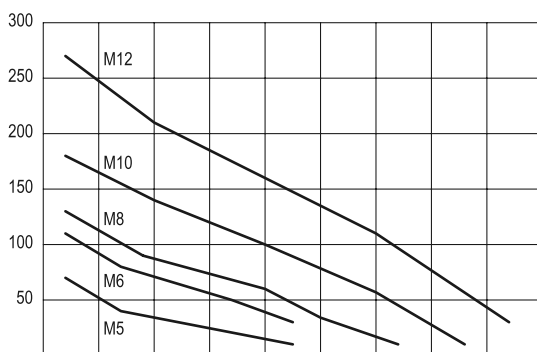
- **Bolt**
Zinc-plated steel, class 5.8 (tensile strength 500 N/mm²), blue passivated.
- **Clamping pad**
Black-oxide nitrided steel.
- **Hexagon nuts**
Zinc-plated steel, blue passivated.

Features and applications

In order to pass the dead centre point and/or compensate for work piece tolerances when using hand operated toggle clamps, an elastic clamping pad such as GN 708 (see page 918) can be used. GN 804 clamping bolts fitted with Belleville spring washers not only help to overcome work piece tolerances but they also allow presetting of the required clamping force.



F(da N ≈ kp)



Standard Elements	Main dimensions							⚖
Description	d	L	D	d1	h _{max}	h ₁	s	g
GN 804-M5-45	M5	45	13	11	13	4	14	15
GN 804-M6-50	M6	50	16	13	15	4	16	27
GN 804-M8-70	M8	70	18	15	17	5	19	58
GN 804-M10-85	M10	85	24	18	20	6	24	123
GN 804-M12-106	M12	106	28	21	24	7	27	196



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Toggle, power and hook clamps