



2.1
2.2
2.3
2.4

d₁	Length l ±1	d₂	d₃	h	m	A/F
M 5	45	13	11	13	4,7	14
M 6	50	16	13	15	5,2	16
M 8	70	18	15	17	6,8	19
M 10	85	24	18	20	8,4	24
M 12	106	28	21	24	10,8	27

2.5
2.6

Specification

- Bolt
Steel
- Tensile strength class 5.8 (500 N/mm²)
- zinc plated, blue passivated
- Hexagon nuts ISO 4032
Steel
zinc plated, blue passivated
- Thrust pad
Steel
nitrided, blackened
- RoHS compliant

Information

In order to pass the dead centre point and / or compensate for work piece tolerances when using hand operated toggle clamps, an elastic thrust pad such as GN 708.1 can be used.

Clamping bolts GN 804 fitted with Belleville spring washers do not only help to overcome workpiece tolerances but they also allow presetting of the required clamping force.

This adjustment can be made with the hexagon nut (A/F). The setting nut stroke is the distance by which the Belleville washers can be preloaded as shown on the above graph to give the required clamping force.

The thrust pad is movable.

The two hexagon nuts are included parts of the order.

see also...

- Holders for clamping bolts GN 809 → Page 770
(for toggle clamps with solid clamping arm)
- Holders for clamping bolts GN 801 → Page 771
(for toggle clamps with forked clamping arm)

2.7
2.8
2.9

How to order	1 d₁
	2 Length l

GN804-M10-85