



**Metric table**

Dimensions in: millimeters - inches

<sup>1</sup> d <sub>1</sub> Thread	<sup>2</sup> Length l ±1	d <sub>2</sub>	d <sub>3</sub>	h	m	A/F
M 5	45 1.77	13 0.51	11 0.43	13 0.51	4 0.16	14 0.55
M 6	50 1.97	16 0.63	13 0.51	15 0.59	4 0.16	16 0.63
M 8	70 2.76	18 0.71	15 0.59	17 0.67	5 0.20	18 0.71
M 10	85 3.35	24 0.94	18 0.71	20 0.79	6 0.24	24 0.94
M 12	106 4.17	28 1.10	21 0.83	24 0.94	7 0.28	27 1.06

**Specification**

- Threaded spindle  
Steel  
- Property class 5.8  
- Zinc plated, blue passivated finish
- Hex nuts  
Steel, zinc plated, blue passivated finish
- Thrust pad  
Steel, nitrided, blackened finish
- Strength Values of Screws → page 2127
- RoHS compliant

**Information**

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

GN 804 toggle clamp spindle assemblies, which include Belleville spring washers, not only help to overcome workpiece tolerances, but also allow presetting of the required clamping force.

This adjustment can be made via the hex 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.

Hex nuts are included.

see also...

- Clamp Mounts GN 801 (for Toggle Clamps with Forked Clamping Arm) → [www.jwwinco.com](http://www.jwwinco.com)
- Clamp Mounts GN 809 (for Toggle Clamps with Solid Clamping Arm) → [www.jwwinco.com](http://www.jwwinco.com)

How to order <b>GN 804-M5-45</b>	<sup>1</sup> Thread d <sub>1</sub>
	<sup>2</sup> Length l