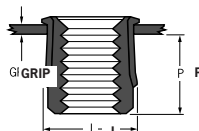
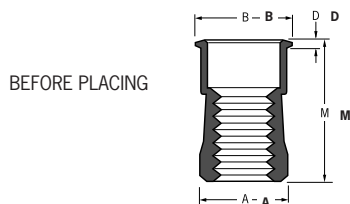


**Key Features**

- For use in imperial hole sizes
- Can be used in thick materials from 0.8mm (0.3") including blind holes
- Mechanical locking mechanism for applications requiring higher resistance to push out and pull out



Material	Finish
Low carbon steel to BS 970 230 M07	Zinc plated to BS 3382 and yellow passivated to BS 6338



- A = Body Diameter
- B = Lip Diameter
- D = Lip Thickness
- J = Blind Side Bulb Diameter
- M = Overall Length
- P = Blind Side Protrusion

**Dimensions** in millimetres

Thread Size	Grip Range		Hole Size +0.1 -0	Part Number	A max.	B max.	D max.	J max.	M nom.	P max.
	min.	max.								
<b>M3 x 0.5</b>	0.8	1.6	4.77	<b>OFB08-00313</b>	4.75	5.5	0.5	5.7	10.5	4.5
	1.6	2.3	4.77							
	2.3	3.2	4.80							
	3.2	3.95	4.90							
		over 3.95	4.90							
<b>M4 x 0.7</b>	0.8	1.6	6.35	<b>OFB08-00414</b>	6.34	7.00	0.55	7.2	11.6	5.4
	1.6	2.3	6.35							
	2.3	3.2	6.40							
	3.2	3.95	6.50							
		over 3.95	6.60							
<b>M5 x 0.8</b>	0.8	1.6	7.14	<b>OFB08-00514</b>	7.13	7.90	0.60	8.2	11.6	5.4
	1.6	2.3	7.30							
	2.3	3.2	7.40							
	3.2	3.95	7.50							
		over 3.95	7.50							
<b>M6 x 1.0</b>	0.8	1.6	9.53	<b>OFB08-00616</b>	9.41	10.30	0.65	10.6	13.3	5.4
	1.6	2.3	9.60							
	2.3	3.2	9.70							
	3.2	3.95	9.80							
		over 3.95	9.80							
<b>M8 x 1.28</b>	1.6	2.3	12.70	<b>OFB08-00820</b>	12.69	13.50	0.65	13.8	15.9	5.8
	2.3	3.2	12.80							
	3.2	4.75	12.90							
	4.75	6.35	13.00							
		over 3.95	13.10							

**Performance Data**

	Thread Size	Pull-Out kN	Push-Out kN	Torque-To-Turn Nm*	Maximum Torque to be applied to bolt Nm**
* <b>Torque-To-Turn</b> These figures represent the minimum torque applied to cause the fastener to turn in the parent material.	<b>M3 x 0.5</b>	3.1	0.2	0.2	1.1
	<b>M4 x 0.7</b>	3.6	0.3	0.3	5.1
	<b>M5 x 0.8</b>	6.2	0.5	0.6	7.9
	<b>M6 x 1.0</b>	7.5	0.5	1.1	12.4
** <b>Maximum Torque</b> These figures represent the maximum recommended torque to be applied to the bolt, which will not cause thread distortion or failure in the insert.	<b>M8 x 1.25</b>	9.3	0.5	1.7	16.4