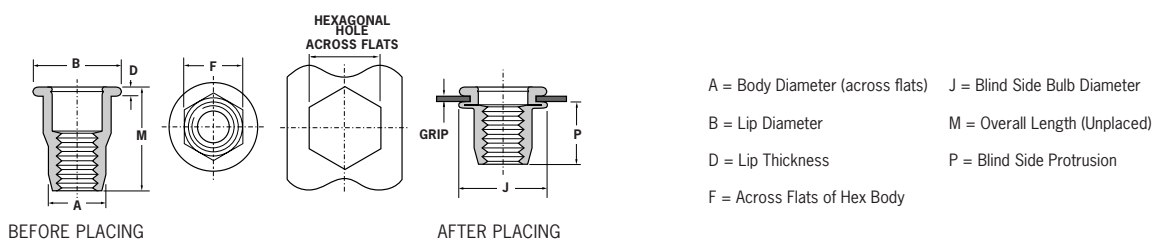


**Key Features**

- For use in metric hole sizes • Very high torque-to-turn, particularly in soft metals
- High push through resistance and hole reinforcement • Unlubricated as standard
- Potential to increase flange thickness for use as a spacer



Material	Finish
Low carbon steel to BS 970 040A04 SAE 1008 DIN 1654 Qst 34-3	Zinc plated to BS 3382 and yellow passivated to BS 6338



**Dimensions** in millimetres

Thread Size	Grip Range		Hole Size across flats + 0.1 - 0	Part Number Zinc plated, Yellow passivated	A ±0.08	B		D ±0.13	F ±0.08 A/F	J max.	M nom.	P max.
	min.	max.				min.	max.					
<b>M4 x 0.7</b>	0.50	2.00	6.0	<b>09498-02415</b>	5.89	8.79	9.17	1.00	5.89	9.20	10.00	6.00
<b>M4 x 0.7</b>	2.00	4.00	6.0	<b>09498-02416</b>	5.89	8.79	9.17	1.00	5.89	9.20	12.00	6.00
<b>M5 x 0.8</b>	0.50	3.00	7.0	<b>09498-02516</b>	6.89	9.79	10.17	1.00	6.89	11.20	13.20	6.80
<b>M5 x 0.8</b>	3.00	5.50	7.0	<b>09498-02520</b>	6.89	9.79	10.17	1.00	6.89	11.20	15.70	6.80
<b>M6 x 1.0</b>	0.50	3.00	9.0	<b>09498-02620</b>	8.89	12.80	13.20	1.50	8.89	13.40	15.50	10.10
<b>M6 x 1.0</b>	3.00	5.50	9.0	<b>09498-02623</b>	8.89	12.80	13.20	1.50	8.89	13.40	18.00	10.10
<b>M8 x 1.25</b>	0.50	3.00	11.0	<b>09498-02823</b>	10.89	15.68	16.28	1.50	10.89	16.20	18.00	11.40
<b>M8 x 1.25</b>	3.00	5.50	11.0	<b>09498-02826</b>	10.89	15.68	16.28	1.50	10.89	16.20	20.50	11.40
<b>M10 x 1.5</b>	1.00	3.50	13.0	<b>09498-02026</b>	12.89	18.70	19.30	2.00	12.89	18.50	21.00	13.20
<b>M10 x 1.5</b>	3.50	5.50	13.0	<b>09498-02029</b>	12.89	18.70	19.30	2.00	12.89	18.50	23.00	13.20
<b>M12 x 1.75</b>	1.50	4.50	16.0	<b>09498-02235</b>	15.89	22.70	23.30	2.25	15.89	23.60	27.80	17.00
<b>M12 x 1.75</b>	4.50	7.50	16.0	<b>09498-02239</b>	15.89	22.70	23.30	2.25	15.89	23.60	30.80	17.00

**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>M4 x 0.7</b>	6.3	2.2	4.5	5.4
	<b>M5 x 0.8</b>	8.8	3.6	8.6	7.9
	<b>M6 x 1.0</b>	14.4	5.3	11.9	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>	15.0	8.0	25.0	32.0
	<b>M10 x 1.5</b>	19.7	9.2	45.2	45.0
	<b>M12 x 1.75</b>	21.3	10.2	58.0	60.0

\*\*\* **Push-Out** In threaded foot applications, the usage of a locking nut against the flange of the installed insert is recommended.