

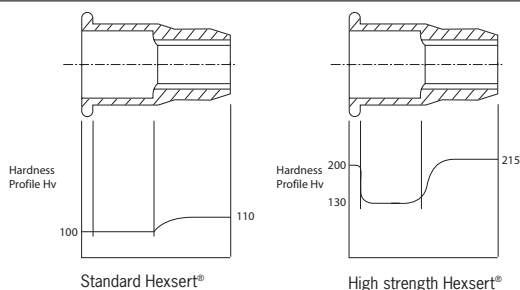
Key Features

- For use in metric hole sizes
- A specially hardened thread
- Very high torque-to-turn
- Increased joint clamp-up performance
- Unlubricated as standard

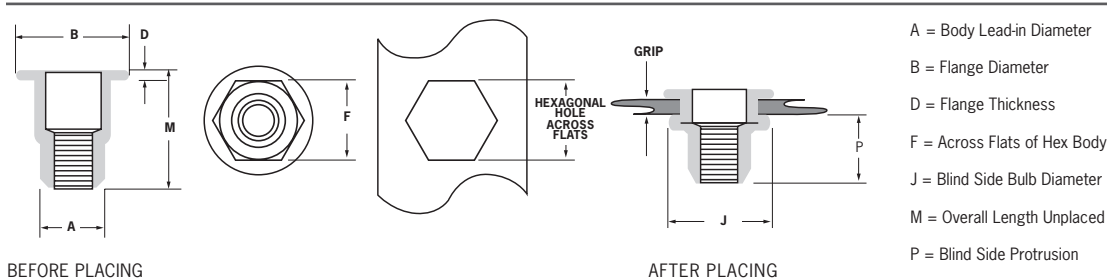


Material	Finish
Low carbon steel to BS 3111 Type O SAE 1008 DIN 1654 Qst 34-3	Zinc plated to BS 3382 and clear passivated to achieve 240 hours resistance to red corrosion (ASTM B117) Hexavalent Chromium-free

Hardness Profile



Destructive test, Class 12.9 M8 screw fails at max torque before the thread in high strength Hexsert® inserts



Dimensions in millimetres

Other sizes eg M12, finishes and second grips are available on request

Thread Size	Grip Range		Hole Size across flats +0.1 - 0	Part Number Zinc plated, Clear passivated	A +/-0.08	B		D +/-0.13	F across flats +/-0.08		J		M nom.	P max.
	min.	max.				min.	max.		min.	max.	min.	max.		
M6 x 1.0	0.50	3.00	9.0	39301-26030	8.89	12.80	13.20	1.50	8.89	12.00	13.50	18.80	11.60	
M8 x 1.25	0.50	3.00	11.0	39301-28030	10.89	15.68	16.28	1.50	10.89	14.00	16.20	20.40	13.80	
M10 x 1.5	1.00	3.50	13.0	39301-20035	12.89	18.70	19.30	2.00	12.89	16.20	19.30	26.00	17.80	

Performance Data

Thread Size	Recommended Maximum Torque Nm	Pull-Out Max-Grip kN	Torque-To-Turn		Push-Out Max-Grip kN
			Max-Grip Nm	Min-Grip Nm	
M6 x 1.0	17.0	20.6	24.7	14.4	7.1
M8 x 1.25	60.0	28.1	34.6	15.6	10.7
M10 x 1.5	100.0	34.2	62.0	60.8	12.5

1. Recommended maximum torque as applied to a joint with a static top plate. Thread of insert will not be damaged. However this torque value may exceed the strength of the screw or bolt in question. Always refer to the recommended tightening torque limits for the screw or bolt also.
2. All threaded inserts tested in mild steel test plates
3. Tested in 1.0mm thick plate

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