

Avdel® High Strength Hexsert® 39301

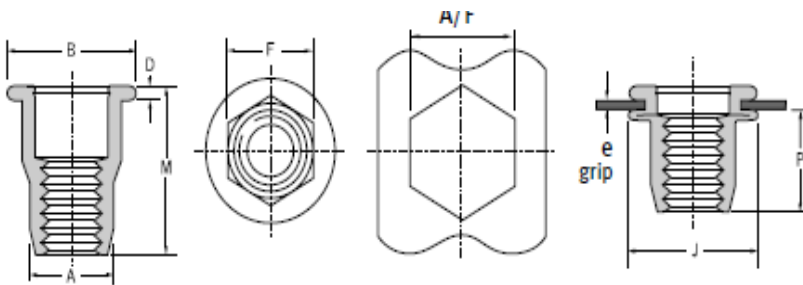
The Avdel High Strength Hexsert® is a threaded insert which provides a clamp force comparable to weld nuts and clinch nuts in high torque applications. The hexagonal shape and large flange gives the High Strength Hexsert exceptional torque-to-turn strength in thin sheet materials whilst having safeguards against over tightening which can lead to thread stripping and the need for expensive rework.

Key features and benefits

- Exceptional torque capability
- High speed assembly
- Provides high-strength threads in thin materials starting at 0.5mm
- Increased thread strength
- If excessive torque is applied, the screw shank should fail before the insert, avoiding over-tightening problems such as thread stripping and expensive rework
- Installed and retrofitted with standard Avdel® hand tools, as well as multi-head and auto-feed robotic systems



Large Flange, Hexagonal body, Low carbon steel, Zinc plated.



Ø	A/F		e (grip)		A ±0.08	B		D ±0.13	F ±0.08	J		M nom.	P max.	Part No/ref
	min.	max.	min.	max.		min.	max.			min.	max.			
M6 x 1.0	9.0	9.1	0.5	3.0	8.89	12.80	13.20	1.50	8.89	12.0	13.5	18.8	11.6	39301-26030
M8 x 1.25	11.0	11.1	0.5	3.0	10.89	15.68	16.28	1.50	10.89	14.0	16.2	20.4	13.8	39301-28030
M10 x 1.5	13.0	13.1	1.0	3.5	12.89	18.50	19.10	2.00	12.89	16.2	19.3	26.0	17.8	39301-20035
M12 x 1.75	16.0	16.1	1.0	4.0	15.88	22.60	23.30	2.25	15.90	19.0	24.2	30.8	22.0	39301-22040

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