

TEXTRON Fastening Systems Thin Sheet NUTSERT® GM68

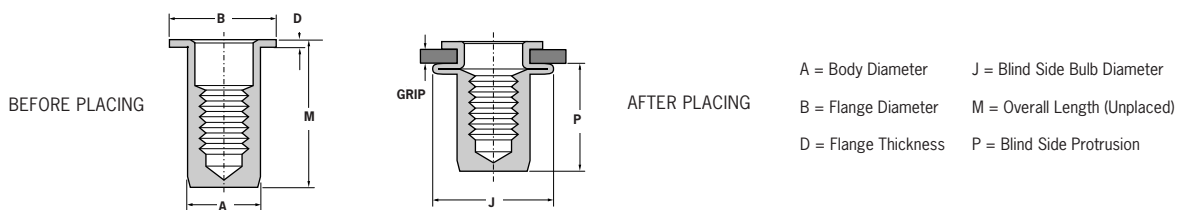
Aluminium, Large Flange, Closed End

Key Features

- For use in soft metric hole sizes
- High corrosion resistance, no need for plating
- Lightweight
- High push through resistance and hole reinforcement
- Prevents the ingress of dirt and fluids into thread



Material	Finish
Aluminium alloy (2.5% Mg) to AA 5052 DIN 1725 AlMg 2.5 Werkstoff 3.3523	Natural



Dimensions in millimetres

Thread Size	Grip Range		Hole Size $+0.1$ -0	Part Number Natural	A	B	D	J	M	P
	min.	max.			max.	± 0.35	± 0.15	max.	nom.	max.
M3 x 0.5	0.25	2.00	5.1	OGM68-00320	5.00	8.00	1.50	7.00	13.75	10.00
M4 x 0.7	0.25	3.00	6.1	OGM68-00430	6.00	10.00	1.50	8.10	14.75	10.80
M4 x 0.7	3.00	4.50	6.1	OGM68-00445	6.00	10.00	1.50	8.10	16.25	10.80
M5 x 0.8	0.25	3.00	7.1	OGM68-00530	7.00	11.00	1.50	9.60	18.00	14.30
M5 x 0.8	3.00	5.50	7.1	OGM68-00555	7.00	11.00	1.50	9.60	20.50	14.30
M6 x 1.0	0.50	3.00	9.1	OGM68-00630	9.00	13.00	1.50	12.10	21.50	17.50
M6 x 1.0	3.00	5.50	9.1	OGM68-00655	9.00	13.00	1.50	12.10	24.50	17.50
M8 x 1.25	0.50	3.00	11.1	OGM68-00830	11.00	16.00	1.50	14.50	22.50	19.00
M8 x 1.25	3.00	5.50	11.1	OGM68-00855	11.00	16.00	1.50	14.50	25.50	19.00

Performance Data

	Thread Size	Pull-Out kN	Push-Out kN***	Torque-To-Turn Nm*	Maximum Torque to be applied to bolt Nm**
* Torque-To-Turn These figures represent the minimum torque applied to cause the fastener to turn in the parent material.	M3 x 0.5	3.4	1.1	0.7	1.2
	M4 x 0.7	4.9	1.6	1.7	4.9
	M5 x 0.8	6.0	2.0	1.8	6.7
** Maximum Torque These figures represent the maximum recommended torque to be applied to the bolt, which will not cause thread distortion or failure in the insert.	M6 x 1.0	8.6	3.6	2.3	11.2
	M8 x 1.25	12.3	4.5	6.9	25.0
*** Push-Out In threaded foot applications, the usage of a locking nut against the flange of the installed insert is recommended.					

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