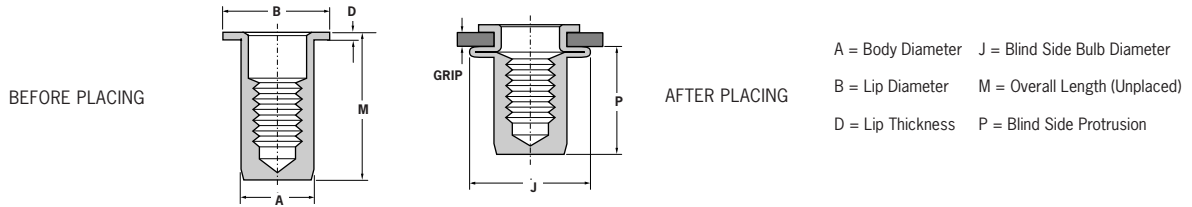


Key Features

- For use in soft metric hole sizes
- High push through resistance and hole reinforcement
- Prevents ingress of dirt and fluids into thread
- Unlubricated only
- Can be used with underhead seal (eg Rimlex)
- 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 +0.1 -0	Part Number Zinc plated, Yellow passivated	A	B	D	J	M	P	
	min.	max.			max.	min.	max.	±0.13	max.	nom.	max.
M4 x 0.7	0.50	2.50	6.1	OFS58-00421	6.05	8.70	9.30	0.80	10.50	16.60	12.10
M5 x 0.8	0.50	2.50	7.1	OFS58-00522	7.05	9.70	10.30	1.00	13.30	17.50	12.30
M6 x 1.0	0.50	3.00	9.1	OFS58-00628	9.05	12.90	13.30	1.50	15.00	22.40	16.00
M8 x 1.25	1.00	4.00	11.1	OFS58-00832	11.05	13.70	14.30	1.50	18.60	25.80	18.30

Performance Data

Thread Size	Pull-Out kN	Push-Out kN***	Torque-To-Turn Nm*	Maximum Torque to be applied to bolt Nm**
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* **Torque-To-Turn** These figures represent the minimum torque applied to cause the fastener to turn in the parent material.

** **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.

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

M4 x 0.7	5.5	2.9	1.5	5.1
M5 x 0.8	8.0	4.2	3.0	7.9
M6 x 1.0	10.8	6.5	3.4	12.4
M8 x 1.25	12.5	7.9	5.6	32.0

Installation Tools

Tool Model	742	Autosert®
Thread sizes	M4-M8	M4-M8

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