



PRODUCT DATA

Rivet Nut Flat Round Knurl Open (Z/P)

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Applications

- Used in automotive industry to fasten body panels, chassis components and other parts
- Used in construction to fasten steel sheets
- Ideal for load bearing applications where material is too thin for bolting
- Useful for applications where there is no access for a traditional nut
- Low installation cost and ease of installation

Material

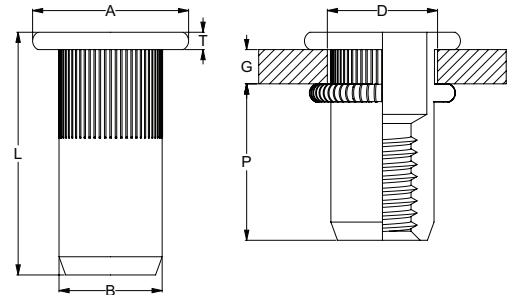


Mild Steel

Finish



Zinc Plated



Dimensions

Part	Size	Length	Grip Range		Hole Diameter	Body Diameter	Head Diameter	Head Thickness	Protrusion
			G (mm)						
	(mm)	L (mm)	Min	Max	D (mm)	B (mm)	A (mm)	T (mm)	P (mm)
NRMSZFKOM04105	M4	10.5	0.5	2.0	6.0	5.9	9.0	1.0	5.4
NRMSZFKOM04120	M4	12.0	2.0	3.5	6.0	5.9	9.0	1.0	5.4
NRMSZFKOM05130	M5	13.0	0.5	2.5	7.0	6.9	10.0	1.0	8.0
NRMSZFKOM05165	M5	16.5	2.5	5.0	7.0	6.9	10.0	1.0	8.0
NRMSZFKOM06155	M6	15.5	0.5	3.0	9.0	8.9	13.0	1.3	10.0
NRMSZFKOM06195	M6	19.5	3.0	5.5	9.0	8.9	13.0	1.3	10.0
NRMSZFKOM08180	M8	18.0	0.5	3.0	11.0	10.9	14.5	1.5	11.0
NRMSZFKOM08210	M8	21.0	3.5	6.0	11.0	10.9	14.5	1.5	11.0
NRMSZFKOM10215	M10	21.5	1.0	4.0	13.0	12.9	17.0	1.7	15.0
NRMSZFKOM10240	M10	24.0	4.0	6.5	13.0	12.9	17.0	1.7	15.0
NRMSZFKOM12250	M12	25.0	1.0	4.0	16.0	15.9	22.0	2.0	15.0
NRMSZFKOM12280	M12	28.0	3.5	6.0	16.0	15.9	22.0	2.0	16.0

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Pullout Values					
Part	Material Properties of Plates	Thickness of Plates	¹ Mean Load	² Characteristic Load	³ Working Load
		(mm)	(N)	(N)	(N)
NRMSZFKOM04105	G2	2.0	5400	4950	2000
NRMSZFKOM04120	G2	2.0	5400	4950	2000
NRMSZFKOM05130	G2	2.0	6800	6000	2350
NRMSZFKOM05165	G300	5.0	7350	5300	2100
NRMSZFKOM06155	G2	2.0	6900	6050	2400
NRMSZFKOM06195	G300	5.0	16000	12850	5150
NRMSZFKOM08180	G2	2.0	8400	7300	2950
NRMSZFKOM08210	G300	5.0	19150	14000	5600
NRMSZFKOM10215	G2	2.0	9700	8850	3550
NRMSZFKOM10240	G300	5.0	25500	16450	6600
NRMSZFKOM12250	G2	3.0	21750	21250	8500
NRMSZFKOM12280	G300	5.0	30000	24550	9800

Note: 1000N = 1kN

¹ Mean Load/Strength is the average ultimate strength of samples tested.

² Characteristic Load/Strength: 95% of these items are expected to have a strength greater than the loads shown.

³ Working Load is the governing minimum allowable load obtained by comparing relevant steel working loads. Factor of Safety (FOD = 2.5 for steel) is already included.

All values were obtained under laboratory conditions using Rivet Nut products. Safety factors should be considered for design purposes. Actual pullout loads may differ slightly depending on certain properties of the plate material.



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