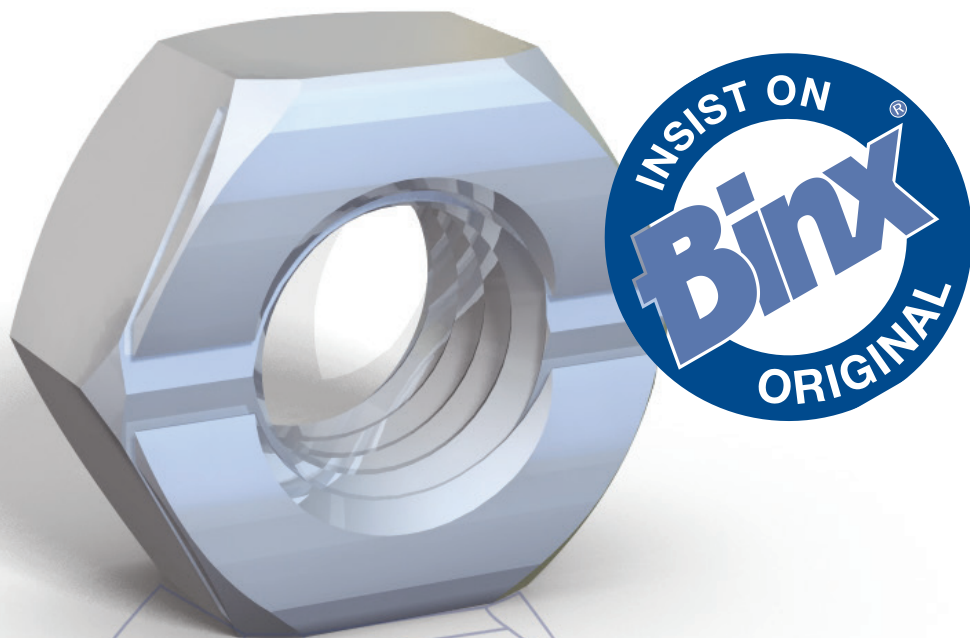


THE ORIGINAL **BINX®**

All Metal Self Locking Nut

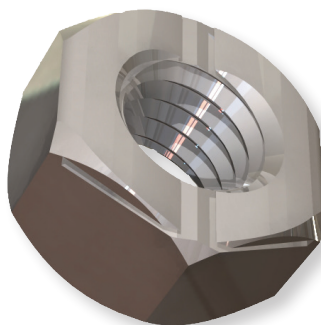
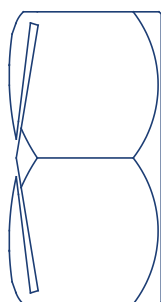
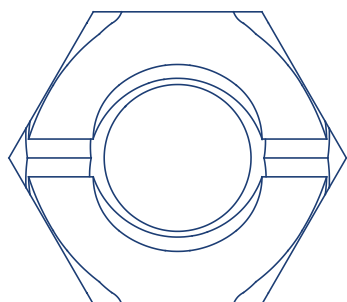


TR Fastenings is the sole manufacturer of Binx® Nuts globally

High re-usability - torque resistance maintained after repeated removal • Low profile as a standard feature • Wide material availability • Massive range ex-stock • Fast & friendly service
ISO9001 accredited • Performance data available



Zinc CR3 Plated Steel | A2 & A4 Stainless Steel | Brass



Dimensions

Thread Size	M3 x 0.50	M4 x 0.70	M5 x 0.80	M6 x 1.00	M8 x 1.25	M10 x 1.50	M12 x 1.75	M14 x 2.00	M16 x 2.00	M18 x 2.50	M20 x 2.50	M22 x 2.50	M24 x 3.00	M30 x 3.50
A/F	5.5	7	8	10	13	17	19	22	24	27	30	32	36	46
Height	3.2	3.2	4.05	6	6.35	7.85	9.9	10.9	12.95	15	16	17.8	18.8	23.9

Performance Data: Coarse Threads Grade 5

Thread		M3 x 0.50	M4 x 0.70	M5 x 0.80	M6 x 1.00	M8 x 1.25	M10 x 1.50	M12 x 1.75	M14 x 2.00	M16 x 2.00	M18 x 2.50	M20 x 2.50	M22 x 2.50	M24 x 3.00	M30 x 3.50
Proof Load (N)		2,600	4,550	8,250	11,700	21,600	34,200	51,400	70,200	95,800	121,000	154,400	190,900	222,400	353,400
Prevailing Torque (Nm)	First Assy (max)	0.43	0.9	1.6	3.0	6.0	10.5	15.5	24.0	32.0	42.0	54.0	68.0	80.0	108.0
	First Removal (min)	0.12	0.18	0.29	0.45	0.85	1.5	2.3	3.3	4.5	6	7.5	9.5	11.5	16
	Fifth Removal (min)	0.08	0.12	0.2	0.3	0.6	1	1.6	2.3	3	4.2	5.3	6.5	8	12
Tightening Torque (Nm)	Min	0.7	1.6	3.2	5.4	13.3	26.4	46	73	115	158	224	303	388	456
	Max	1.1	2.4	4.8	8.1	20	39.6	69	110	173	238	336	454	582	684

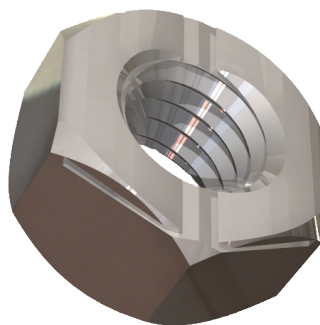
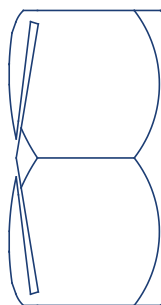
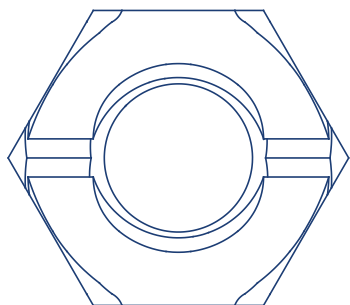
Performance Data: Stainless Steel

Thread		M4 x 0.70	M5 x 0.80	M6 x 1.00	M8 x 1.25	M10 x 1.50	M12 x 1.75	M14 x 2.00	M16 x 2.00
Prevailing Torque (Nm)	First Assy	0.25	0.29	TBA	1.24	2.36	4.69	5.27	9.95
	First Removal (min)	0.2	0.2	TBA	1.23	1.91	3.73	4.18	7.05
	Fifth Removal (min)	0.16	0.2	TBA	0.98	1.7	2.56	2.78	6.21
Tightening Torque (Nm)		4.58	10.53	15.90	39.70	120.00	160.00	200.00	240.00

All data is correct to the best of our knowledge, however TR cannot be held responsible for any errors or omissions.
For full technical data visit www.trfastenings.com

Contact us:
Info@trfastenings.com
sales@trfastenings.com

Zinc CR3 Plated Steel | A2 & A4 Stainless Steel



Dimensions

Thread Size	5/16"	3/8"	1/2"	3/4"
A/F	0.5	0.563	0.75	1.125
Height	0.27	0.33	0.44	0.66

Performance Data: Grade 5

Thread UNF		1/4 - 20	5/16 - 18	3/8 - 16	1/2 - 13	3/4 - 10
Proof Load (Lbs)		3,800	6,300	9,300	17,000	40,100
Prevailing Torque (Lb.in)	First Assy (max)	40	80	110	204	540
	First Removal (min)	5.0	8.0	12.0	22.0	58.0
	Third Removal (min)	1.5	2.5	4	7.5	20
Tightening Torque (Lb.ft)	Min	7.0	12.9	20.0	52.0	176.0
	Max	10.0	17.6	28.0	70.0	232.0

Performance Data: Grade 5

Thread UNF		1/4 - 28	5/16 - 12	7/16 - 20	1/2 - 20	5/8 - 18
Proof Load (Lbs)		4,350	6,950	14,200	19,200	30,700
Prevailing Torque (Lb.in)	First Assy (max)	40	80	135	204	420
	First Removal (min)	5.0	8.0	17.0	22.0	39.0
	Third Removal (min)	1.5	2.5	5	7.5	12.5
Tightening Torque (Lb.ft)	Min	7.6	14.1	34.0	53.0	102.0
	Max	10.6	18.8	48.0	74.0	137.0

British Standard Whitworth (BSW) also available – please contact us for details.

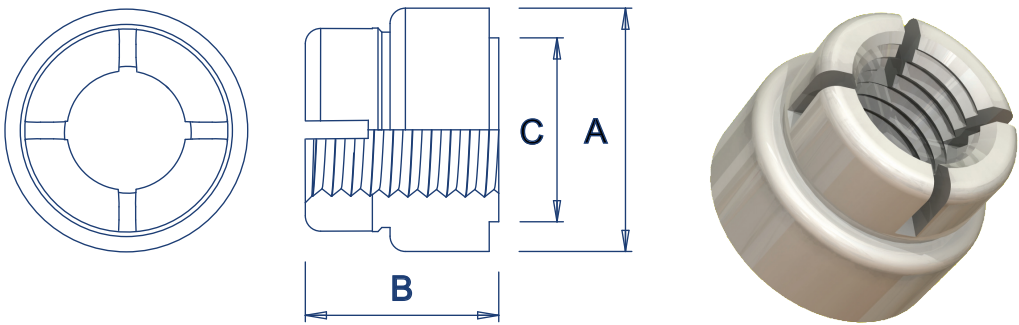
Contact us:
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Wun-loc® Weld Version

All Metal Self-Locking Nut



Weld Version - Steel/Self Finish | A2 & A4 Stainless Steel



Weld Version - Metric Dimensions

Length	M4	M5	M6	M8	M10	M12
Diameter Of Spigot C	6.4	7.9	9.5	12.7	15.25	19.2
Diameter Of Body A	10.0	11.0	12.7	15.9	19.05	25.4
Body Height B	6.0	6.8	9.6	11.6	12.7	16.3
Recommended Hole Size	6.5	8.0	9.6	12.8	15.35	19.3

Spigot length - 2.05mm on all sizes

Also available in imperial/unified, please enquire for availability

All data is correct to the best of our knowledge, however TR cannot be held responsible for any errors or omissions.
For full technical data visit www.trfastenings.com

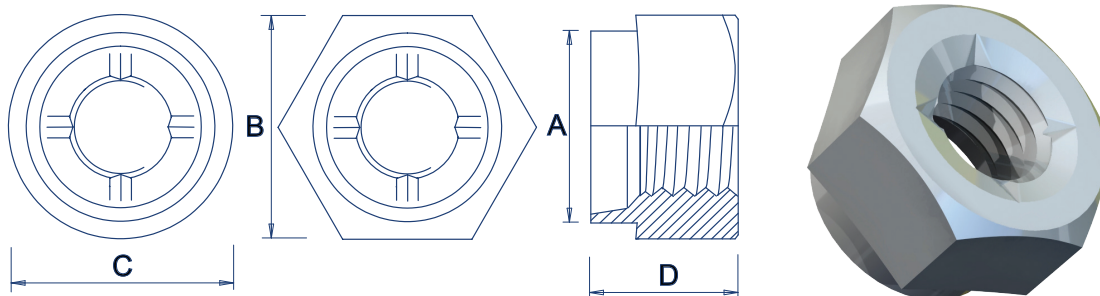
Contact us:
Info@trfastenings.com
sales@trfastenings.com

Hank-loc®

All Metal Self-Locking Nuts



Zinc CR3 Plated Steel | A2 & A4 Stainless Steel



Dimensions

Please note: Hank-Locking is a process applied to our standard Rivet Bush ranges to give them a locking feature.

Please refer to our standard range of Hexagon, Round or Mini-Sert rivet bushes for dimensional data.

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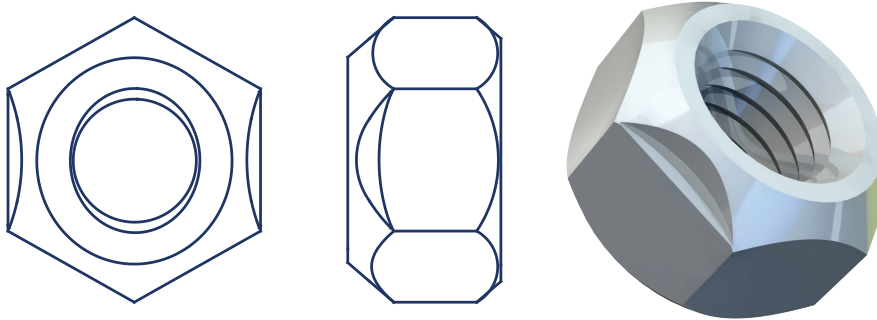
Contact us:
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sales@trfastenings.com

Tri-5 & Tri-6

All Metal Self-Locking Nuts



Tri-5 - Grade 8 Zinc CR3 Plated Steel | Zinc & Yellow CR3 - ISO2320/DIN980V



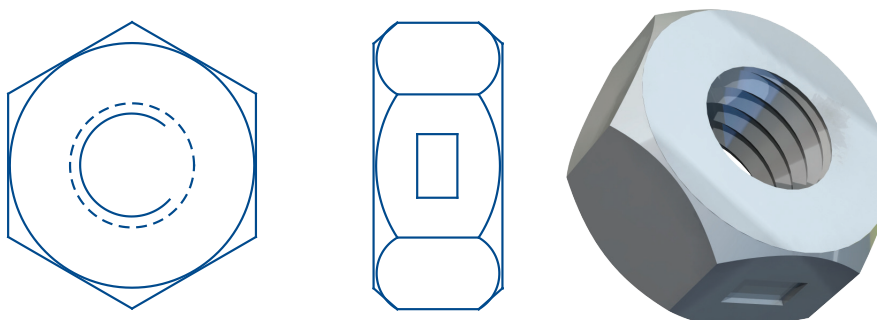
Tri-5 - Metric Dimensions

Size mm	M6	M8	M10	M12	M16	M20	M24
Pitch	1	1.25	1.5	1.75	2	2.5	3
Height Max mm	6	8	10	12	16	20	24
A/F Max mm	10	13	17	19	24	30	36

Tri-5 - Performance Data

Size mm	M5	M6	M8	M10	M12	M16	M20	M24
Pitch	0.8	1	1.25	1.5	1.75	2	2.5	3
1st Install (Nm)	0.63	2.8	2.6	6.8	7.3	14.6	23.1	25.0
1st withdrawal (Nm)	0.48	1.7	1.5	9.1	4.9	13.5	15.5	22.0
5th withdrawal (Nm)	0.2	0.6	0.5	4.8	4.3	10.8	6.9	19.1

Tri-6 - Grade 8 Zinc CR3 Plated Steel - DIN980V



Tri-6 - Metric Dimensions

Size mm	M5	M6	M8	M10	M12	M16
Pitch	0.8	1	1.25	1.5	1.75	2
Height Max mm	4	5	6.5	8	10	13
A/F Max mm	8	10	13	17	19	24

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