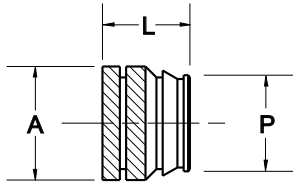
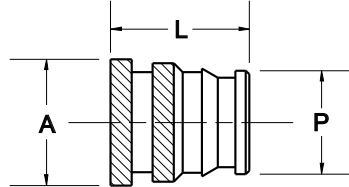


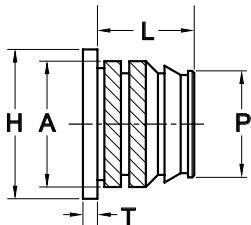
Series 19 Short



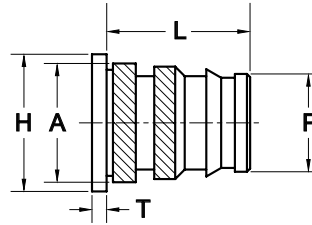
Series 19 Long



Series 20 Short



Series 20 Long



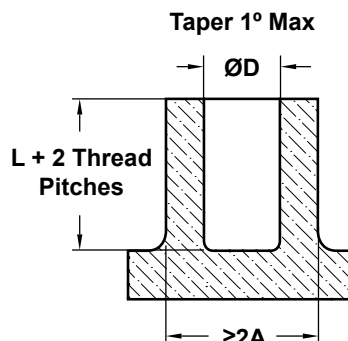
DIMENSIONAL DATA

LEGEND

Inch
Metric Conversion

Thread Size		A Short Overknurl Ø		A Long Overknurl Ø		P Pilot Ø		L Short Length		L Long Length		T Head Thickness		H Head Ø		D* Rec. Hole Ø	
Tolerance ►		Ref.		Ref.		±.003	±0.08	±.005	±0.13	±.005	±0.13	±.003	±0.08	±.003	±0.08	+0.003	+0.08
2-56	M2 x 0.4	.141	3.58	.143	3.63	.123	3.12	.125	3.18	.157	3.99	.018	0.46	.185	4.70	.126	3.20
4-40	M2.5 x 0.45 M3 x 0.5	.182	4.62	.187	4.75	.154	3.91	.140	3.56	.226	5.74	.021	0.53	.216	5.49	.157	3.99
6-32	M3.5 x 0.6	.213	5.41	.218	5.54	.185	4.70	.150	3.81	.281	7.14	.027	0.69	.247	6.27	.188	4.78
8-32	M4 x 0.7	.246	6.25	.251	6.38	.218	5.54	.185	4.70	.321	8.15	.033	0.84	.278	7.06	.221	5.61
10-24 10-32	M5 x 0.8	.277	7.04	.282	7.16	.249	6.32	.250	6.35	.375	9.53	.040	1.02	.310	7.87	.252	6.40
1/4-20	M6 x 1.0	.340	8.64	.345	8.76	.312	7.92	.312	7.92	.500	12.70	.050	1.27	.372	9.45	.315	8.00
5/16-18	M8 x 1.25	—	—	.407	10.34	.374	9.50	—	—	.500	12.70	.050	1.27	.435	11.05	.377	9.58

Recommended Hole Design*



* See page 5 for more information on recommended hole design

To Order: INS (Series #)/Thread Size / Length, Material, Finish

Example: INS 19/M5 / .250S EK

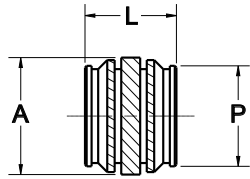
Sales@RivetNutUSA.com

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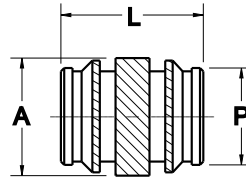
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Request your quote with Rivet Nut USA (an operating division of Cardinal Components, Inc.)
Cardinal Components, Inc. is your authorized preferred specialty fastener distributor.

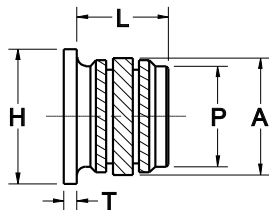
Series 29 Short



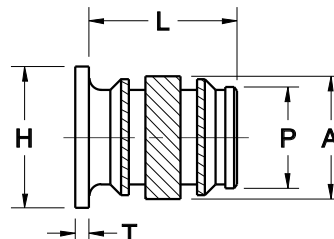
Series 29 Long



Series 30 Short



Series 30 Long



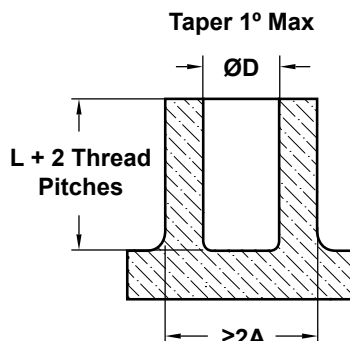
DIMENSIONAL DATA

LEGEND

Inch
Metric Conversion

Thread Size		A Overknurl Ø		P Pilot Ø		L Short Length		L Long Length		T Head Thickness		H Head Ø		D* Rec. Hole Ø	
Tolerance ▶		Ref.		±.003	±0.08	±.005	±0.13	±.005	±0.13	±.003	±0.08	±.003	±0.08	+0.003	+0.08
2-56	M2 x 0.4	.143	3.63	.123	3.12	.125	3.18	.157	3.99	.018	0.46	.185	4.70	.126	3.20
4-40	M2.5 x 0.45 M3 x 0.5	.187	4.75	.154	3.91	.140	3.56	.226	5.74	.021	0.53	.216	5.49	.157	3.99
6-32	M3.5 x 0.6	.218	5.54	.185	4.70	.150	3.81	.281	7.14	.027	0.69	.247	6.27	.188	4.78
8-32	M4 x 0.7	.251	6.38	.218	5.54	.185	4.70	.321	8.15	.033	0.84	.278	7.06	.221	5.61
10-24 10-32	M5 x 0.8	.282	7.16	.249	6.32	.250	6.35	.375	9.53	.040	1.02	.310	7.87	.252	6.40
1/4-20	M6 x 1.0	.345	8.76	.312	7.92	.312	7.92	.500	12.70	.050	1.27	.372	9.45	.315	8.00
5/16-18	M8 x 1.25	.407	10.34	.374	9.50	—	—	.500	12.70	.050	1.27	.435	11.05	.377	9.58

Recommended Hole Design*



* See page 5 for more information
on recommended hole design

To Order: INS (Series #)/Thread Size / Length, Material, Finish

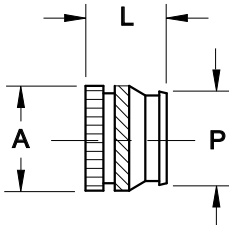
Example: INS 29/10-24 / .375L EK

Sales@RivetNutUSA.com

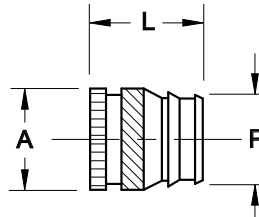
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Series 14 Short



Series 14 Long



DIMENSIONAL DATA

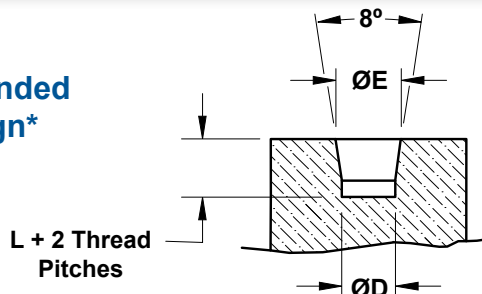
LEGEND

Inch
Metric Conversion

Short	Thread Size		A Overknurl Ø		P Pilot Ø		L Length		E* Rec. Hole Ø at Entrance		D* Rec. Hole Ø at Tapered End	
	Tolerance ►		Ref.		±.003	±0.08	±.005	±0.13	+0.002	+0.05	+0.002	+0.05
	2-56	M2 x 0.4	.141	3.58	.119	3.02	.115	2.92	.123	3.12	.118	3.00
	4-40	M2.5 x 0.45	.174	4.42	.156	3.96	.135	3.43	.159	4.04	.153	3.89
	6-32	M3 x 0.5 M3.5 x 0.6	.221	5.61	.203	5.16	.150	3.81	.206	5.23	.199	5.05
	8-32	M4 x 0.7	.249	6.32	.230	5.84	.185	4.70	.234	5.94	.226	5.74
	10-24 10-32	—	.297	—	.272	—	.225	—	.277	—	.267	—
	—	M5 x 0.8	—	8.38	—	7.85	—	6.73	—	8.00	—	7.70
	1/4-20	M6 x 1.0	.378	9.60	.356	9.04	.300	7.62	.363	9.22	.349	8.86

Long	Thread Size		A Overknurl Ø		P Pilot Ø		L Length		E* Rec. Hole Ø at Entrance		D* Rec. Hole Ø at Tapered End	
	Tolerance ►		Ref.		±.003	±0.08	±.005	±0.13	+0.002	+0.05	+0.002	+0.05
	2-56	M2 x 0.4	.141	3.58	.112	2.84	.188	4.78	.123	3.12	.107	2.72
	4-40	M2.5 x 0.45	.174	4.42	.146	3.71	.219	5.56	.159	4.04	.141	3.58
	6-32	M3 x 0.5 M3.5 x 0.6	.221	5.61	.190	4.83	.250	6.35	.206	5.23	.185	4.70
	8-32	M4 x 0.7	.249	6.32	.213	5.41	.312	7.92	.234	5.94	.208	5.28
	10-24 10-32	—	.297	—	.251	—	.375	—	.277	—	.246	—
	—	M5 x 0.8	—	8.38	—	7.19	—	11.13	—	8.00	—	7.06
	1/4-20	M6 x 1.0	.378	9.60	.326	8.28	.500	12.70	.363	9.22	.321	8.15
	5/16-18	M8 x 1.25	.469	11.91	.406	10.31	.562	14.27	.448	11.38	.401	10.19

Recommended Hole Design*



* See page 5 for more information
on recommended hole design

To Order: INS (Series #)/Thread Size / Length, Material, Finish

Example: INS 14/8-32 / .312L EK

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