

## Cross Nuts



Cross Nut inserts that have superior pullout resistance in plastics and thin sheet metal. The straight-shank design uses small mounting hole. Installs into variable thickness materials.

### All Dimensions Shown In Inches

d	e	H		D	E	B	L	L <sub>2</sub>	
Thread Size	Grip Range	Min.	Max.	Body Diameter Max.	Head Height Ref.	Head Diameter Ref.	Overall Length Ref.	Installed Length Ref.	Product Code
6-32	0.020-0.150	0.209	0.214	0.208	0.032	0.438	0.688	0.335	RN632150PN
6-32	0.150-0.270	0.209	0.214	0.208	0.032	0.438	0.797	0.335	RN632270PN
8-32	0.020-0.150	0.242	0.247	0.241	0.038	0.438	0.694	0.340	RN832150PN
8-32	0.150-0.270	0.242	0.247	0.241	0.038	0.438	0.819	0.340	RN832270PN
10-32	0.020-0.175	0.273	0.278	0.272	0.038	0.500	0.819	0.425	RN1032175PN
10-32	0.175-0.320	0.273	0.278	0.272	0.038	0.500	0.959	0.425	RN1032320PN

1/4-20	0.020-0.280	0.347	0.352	0.346	0.058	0.625	1.058	0.505	RN2520280PN
1/4-20	0.280-0.500	0.347	0.352	0.346	0.058	0.625	1.292	0.505	RN2520500PN
5/16-18	0.020-0.280	0.438	0.443	0.437	0.062	0.750	1.203	0.570	RN5161828PN
5/16-18	0.280-0.500	0.438	0.443	0.437	0.062	0.750	1.437	0.570	RN5161850PN
3/8-16	0.020-0.280	0.515	0.522	0.514	0.088	0.875	1.306	0.605	RN3816280PN
3/8-16	0.280-0.500	0.515	0.522	0.514	0.088	0.875	1.525	0.605	RN3816500PN

**All Dimensions Shown In Millimeters**

d	e	H		D	E	B	L	L <sub>2</sub>	
Thread Size	Grip Range	Hole Size		Body Diameter Max.	Head Height Ref.	Head Diameter Ref.	Overall Length Ref.	Installed Length Ref.	Product Code
		Min.	Max.						
M4x0.7	0.50-3.80	6.13	6.25	6.12	0.96	11.1	17.6	8.6	RN47038PN
M4x0.7	3.80-6.85	6.13	6.25	6.12	0.96	11.1	20.8	8.6	RN47068PN
M5x0.8	0.50-4.45	7.48	7.62	7.47	0.96	12.7	22.0	9.9	RN58045PN

M5x0.8	4.45-8.10	7.48	7.62	7.47	0.96	12.7	24.8	9.9	RN58081PN
M6x1.0	0.50-7.10	8.80	8.93	8.79	1.50	15.9	26.9	12.8	RN61071PN
M6x1.0	7.10-12.70	8.80	8.93	8.79	1.50	15.9	32.8	12.8	RN610127PN
M8x1.25	0.50-7.10	11.11	11.50	11.10	1.57	19.0	30.5	14.5	RN812571PN
M8x1.25	7.10-12.70	11.11	11.50	11.10	1.57	19.0	36.5	14.5	RN8125127PN
M10x1.50	0.50-7.10	13.07	13.26	13.06	2.24	22.2	33.2	15.8	RN101571PN
M10x1.50	7.10-12.70	13.07	13.26	13.06	2.24	22.2	38.7	15.8	RN1015127PN

## Cross Nuts Pre-Bulbed



Cross Nut inserts that have superior pullout resistance in plastics and thin sheet metal. Pre-bulbed design requires less installation force. Installs into variable thickness materials.

### All Dimensions Shown In Inches

d	e	H		D	E	B	L	L <sub>2</sub>	
Thread Size	Grip Range	Hole Size		Body Diameter Max.	Head Height Ref.	Head Diameter Ref.	Overall Length Ref.	Installed Length Ref.	Product Code
		Min.	Max.						

10-32	0.020-0.175	0.312	0.317	0.310	0.038	0.500	0.80	0.425	RN1032175PNB
10-32	0.175-0.320	0.312	0.317	0.310	0.038	0.500	0.94	0.425	RN1032320PNB
1/4-20	0.020-0.280	0.386	0.391	0.384	0.058	0.625	1.03	0.505	RN2520280PNB
1/4-20	0.280-0.500	0.386	0.391	0.384	0.058	0.625	1.26	0.505	RN2520500PNB
5/16-18	0.020-0.280	0.484	0.489	0.482	0.062	0.750	1.18	0.570	RN5161828PNB
5/16-18	0.280-0.500	0.484	0.489	0.482	0.062	0.750	1.41	0.570	RN5161850PNB
3/8-16	0.020-0.280	0.562	0.569	0.560	0.088	0.875	1.27	0.605	RN3816280PNB
3/8-16	0.280-0.500	0.562	0.569	0.560	0.088	0.875	1.49	0.605	RN3816500PNB

**All Dimensions Shown In Millimeters**

d	e	H		D	E	B	L	L <sub>2</sub>	
Thread Size	Grip Range	Hole Size		Body Diameter Max.	Head Height Ref.	Head Diameter Ref.	Overall Length Ref.	Installed Length Ref.	Product Code
		Min.	Max.						
M6x1.0	0.50-7.10	9.80	9.93	9.76	1.50	15.9	26.2	12.8	RN61071PNB
M6x1.0	7.10-12.70	9.80	9.93	9.76	1.50	15.9	32.0	12.8	RN610127PNB
M8x1.25	0.50-7.10	12.29	12.42	12.25	1.57	19.0	30.0	14.5	RN812571PNB

M8x1.25	7.10-12.70	12.29	12.42	12.25	1.57	19.0	35.8	14.5	RN8125127PNB
M10x1.50	0.50-7.10	14.27	14.15	14.23	2.24	22.2	32.3	15.4	RN101571PNB
M10x1.50	7.10-12.70	14.27	14.15	14.23	2.24	22.2	37.8	15.4	RN1015127PNB