



RIVET NUTS



Strong, Permanent Threads in Thin Materials
with One Sided Installation

RivetKing® Rivet Nut - Pictorial Contents

IKF SERIES® STANDARD RIVET NUT RIBBED BODY • LOW PROFILE HEAD  PAGE 05	IKR SERIES® STANDARD RIVET NUT RIBBED BODY • REDUCED HEAD  PAGE 06	IHF SERIES™ STANDARD RIVET NUT HALF HEX BODY • LOW PROFILE HEAD  PAGE 07	IKS SERIES® STUD PARTS KNURLED BODY LARGE HEAD • STUD  PAGE 08	IRL SERIES™ STANDARD RIVET NUT SMOOTH BODY • LARGE HEAD  PAGE 09, 10
IPB SERIES™ STANDARD RIVET NUT QUADRANUT • PRE-BULBED SHANK  PAGE 11	IPN SERIES™ STANDARD RIVET NUT QUADRANUT • STRAIGHT SHANK  PAGE 11	ISR SERIES™ STANDARD RIVET NUT SWAGING • STRAIGHT KNURL  PAGE 12	ISN SERIES® STANDARD RIVET NUT • SWAGING DIAMOND KNURL (FOR PLASTICS)  PAGE 12	IRR SERIES™ STANDARD RIVET NUT SMOOTH BODY • REDUCED HEAD  PAGE 13
JK SERIES™ STANDARD RIVET NUT QUADRANUT • STAMPED  PAGE 15	JF SERIES™ STANDARD RIVET NUT • RUBBERNUT  PAGE 16	NKL SERIES™ EUROPEAN STANDARD RIVET NUT RIBBED BODY • LARGE HEAD  PAGE 17	NKR SERIES™ EUROPEAN STANDARD RIVET NUT RIBBED BODY • REDUCED HEAD  PAGE 18	NHL SERIES™ EUROPEAN STANDARD RIVET NUTS FULL HEX BODY • LARGE HEAD  PAGE 19
NHR SERIES™ EUROPEAN STANDARD RIVET NUT FULL HEX BODY • REDUCED HEAD  PAGE 20	NHHL SERIES™ EUROPEAN STANDARD RIVET NUTS HEAVYWALL RIVET NUTS HALF HEX BODY • LARGE HEAD  PAGE 21	NHHR SERIES™ EUROPEAN STANDARD RIVET NUTS HEAVYWALL RIVET NUTS HALF HEX BODY • REDUCED HEAD  PAGE 22	NKC SERIES™ EUROPEAN STANDARD RIVET NUT RIBBED BODY • COUNTERSUNK HEAD  PAGE 23	NSL SERIES™ EUROPEAN STANDARD RIVET NUTS SMOOTH BODY LARGE SERRATED HEAD  PAGE 24

◆ STANDARD FEATURE ◆ APPLICATION / PRODUCT DEPENDENT

		MODEL	#6-32 (M3)	#8-32 (M4)	#10-32 (M5)	1/4-20" (M6)	5/16-18" (M8)	3/8-16" (M10)	1/2-13" (M12)	SET TO STALL	SET TO STROKE	SET TO PRESSURE	SET TO FORCE	1 BUTTON TRIGGER	2 BUTTON TRIGGER	AUTO REVERSE	LCD DISPLAY	WIFI OPTION	FORCE SENSOR OPTION	BARCODE SETUP	PROGRAMMABLE	ERGONOMIC	ADVANCED ERGONOMICS	QUICKCHANGE SYSTEM (TOOLESS)	BODY BOOT PROTECTION	BODY CASE & TOOL ORGANIZER	ADJUSTABLE AIR INLET	CORDLESS	12 MONTH WARRANTY	24 MONTH WARRANTY	EXTENDED WARRANTY
		SPIN-SPIN SERIES	RK-1500Q		●	●	●				●					●							●		●					△	
		RK-500Q				●	●			●					●							●		●					△		
		RK-280						●	●	●				●								●							△		
SPIN-PULL SERIES		RK-50SP	●	●	●	●	●	●	△			●		●		●						●		●	△	●				●	○
		RK-51SP	●	●	●	●	●	●	△			●		●		●						●		●	△	●				●	○
		RK-55SPS	●	●	●	●					●				●		●					●	●	●	●		●			●	○
		RK-59SPS					●	●	●		●				●	●						●	●	●	●		●			●	○
FREESET® SERIES		RK-787	●	●	●	●	●	△			●	●	○	●		●	●	○	○	○	●	●		●				●	●		○

PANEL MATERIAL

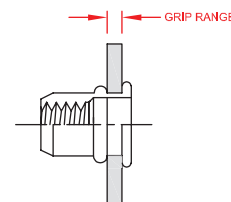
Rivet nuts are a unique type of fastener since the insert itself deforms to hold it in place. Because of this, the insert can be used in a wide variety of materials. These inserts can be installed into steel, aluminum, plastics, composites and fiberglass to name a few.

The hardness and thickness of the materials being used will have a bearing on what type of rivet nut is chosen. For example, thin and softer materials might require the use of the Prebulbed IPB family of inserts. These fasteners provide a larger bearing surface and subject the sheet material to reduced force during installation.

If unsure which fastener to use, contact an Industrial Rivet technical expert for recommendations based on your application.

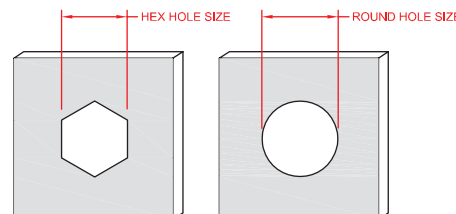
GRIP RANGE

Grip Range is the minimum, maximum and in-between material thicknesses that the insert can be installed into. Determining the thickness of the material and then ensuring that the proper grip insert is chosen is critical for the rivet nut to function as it was designed. If the rivet nut is installed in panels over or under its intended grip range, it will not work properly. Be sure to accommodate for the “theoretical” grip versus the “actual” grip. While two pieces of sheet metal each are .055 inches thick, it does not necessarily mean that the actual grip will be .110 inches. Burrs or bends in the metal could affect the actual grip.



HOLE SIZE AND SHAPE

The rivet nut will only work if it is installed within the prescribed hole size. Additionally, the design engineer should calculate the manufacturing tolerances of the hole to ensure proper fit so that interference issues do not surface at another time. Holes should be round for round body inserts and hex shape for hex body inserts. Oval, Square or out-of-round shapes require a rivet nut to be custom produced.

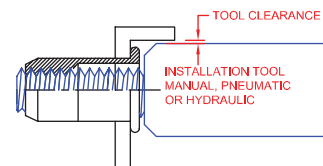


RIVET NUTS COME IN MANY SHAPES AND SIZES

We offer a wide variety of rivet nuts to meet almost all of the conditions you might encounter. Our Application Engineers are ready to help you choose the right one. There are instances where a standard part may not be optimal. In these instances we will work with you to develop a special that does satisfy your requirements.

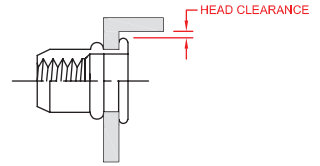
TOOL CLEARANCES

Sufficient clearances (above the hole) for which the rivet will go through so that the riveting equipment can sufficiently access the hole to be riveted without interference. Be sure to select the riveting equipment in the design phase to prevent the need for customized and potentially costly tooling modifications.



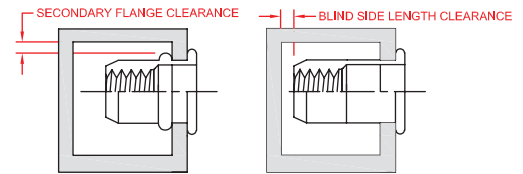
HEAD CLEARANCE

Axial access is required on the primary sheet to be riveted to allow for the flange to overlap the hole without interference. When designing the primary hole, make sure to calculate the head diameter and its tolerances and layout the footprint of the head on the hole. This is especially critical when riveting on brackets, near other hardware, or next to bends, folds, extrusions and / or cutouts on the sheet metal.



BLIND SIDE CLEARANCE

Since the blind side of the rivet nut is designed to form into a secondary flanged bearing surface, it is important to allow room for the flange to form and seat properly. Additionally, the collapsed height is shorter than the height before installation. Make sure that the backside can accommodate the entire insert before riveting. Testing should be done in the design phase to calculate what allowances are needed.



GALVANIC ACTION

Galvanic action is seldom considered in design but can often be one of the hidden causes of failures. Galvanic corrosion is accelerated electromechanical corrosion produced when a noble metal is in contact with another less noble metal, both being in corroding medium (such as damp air). The less-noble metal corrodes at a faster rate than normal while the noble metal acquires greater corrosion protection. For example, an aluminum (less-noble metal) rivet in copper (more-noble metal) would cause aluminum to corrode at an accelerated rate while the copper would be virtually unattacked. Should you be in a position of having to join two dissimilar metals, be sure to consult the galvanic series table.

CORROSION PROTECTION

The corrosion factor of a particular rivet is dependent on the corrositivity of the base metal, the protection layer (plating), and the conversion layer (chromate). Being that the most cost effective material to produce is steel, most prefer to protect the steel with a plating such as Zinc and a chromate. Rivet nuts require a specialized plating & wax therefore it is highly suggested the manufacturer perform this task. Do not attempt to reprocess rivet nuts! For standard performance a SST rating (salt spray test) is about 48 hours until Red Rust. Other platings such as Zinc alloy's (ZiNi, ZnFe, ZnTi) that are available which can extend the SST rating to 840 hours until red rust. Be sure the plating is tested by the manufacturer per ASTM B117 standard and that the manufacturers' lab is proficiency tested semi-annually.

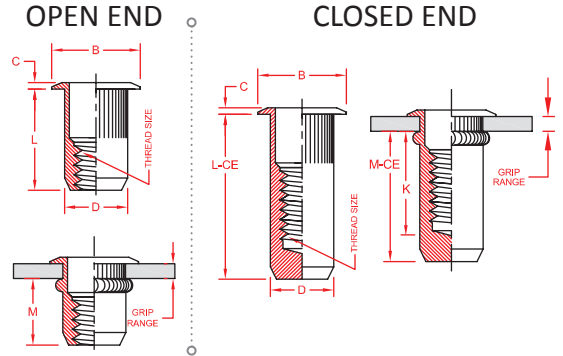
Stainless Steel is a viable option when the insert would be used in extreme environments. We use 300 Series S/S to manufacture our inserts. Due to the added strength of the materials and its propensity to Gall, Pull to Stroke or Pull to Force tools must be used to install these parts.

IKF Series® Low Profile Head · Knurled Body

THINWALL AMERICAN STANDARD RIVETNUTS

IKF SERIES®

The RivetKing IKF Series is a thinwall Rivetnut with a low profile head. Its design is such that spin/spin tools can easily collapse and properly set the rivet nut. The low profile head is nearly flush and offers greater bearing surface compared with IKR series. Spin-Spin or Spin-Pull tools can be used to apply IKF series rivetnuts.



			OPEN END						CLOSED END						HOLE SIZE IN SHEET
NORM.	SIZE	GRIP RANGE	PART CODE	L +/- .015	B +/- .015	C NOM.	D MAX.	M REF.	L-CE +/- .015	B +/- .015	C NOM.	D MAX.	K MIN.	M REF.	+ .006-.000
INCH ALL DIMENSIONS ARE IN INCHES	6-32 UNC	.020-.080	6C1IKF	.420	.390	.030	.265	.305	.740	.390	.030	.265	.43	.640	.266
		.080-.130	6C2IKF	.470	.390	.030	.265	.305	.740	.390	.030	.265	.43	.580	.266
	8-32 UNC	.020-.080	8C1IKF	.420	.390	.030	.265	.305	.740	.390	.030	.265	.43	.640	.266
		.080-.130	8C2IKF	.470	.390	.030	.265	.305	.740	.390	.030	.265	.43	.580	.266
	10-32 UNF	.020-.130	10F1IKF	.475	.415	.030	.296	.315	.990	.415	.030	.296	.58	.845	.297
		.130-.225	10F2IKF	.585	.415	.030	.296	.315	.990	.415	.030	.296	.58	.735	.297
	1/4-20 UNC	.027-.165	25C1IKF	.580	.500	.030	.390	.380	1.190	.500	.030	.390	.70	1.005	.391
		.165-.260	25C2IKF	.680	.500	.030	.390	.380	1.190	.500	.030	.390	.70	.905	.391
	5/16-18 UNC	.027-.150	31C1IKF	.690	.685	.035	.530	.470	1.390	.685	.035	.530	.82	1.175	.531
		.150-.312	31C2IKF	.805	.685	.035	.530	.425	1.390	.685	.035	.530	.82	1.025	.531
	3/8-16 UNC	.027-.150	37C1IKF	.690	.685	.035	.530	.470	1.390	.685	.035	.530	.83	1.175	.531
		.150-.312	37C2IKF	.805	.685	.035	.530	.425	1.390	.685	.035	.530	.83	1.025	.531
	1/2-13 UNC	.063-.200	50C1IKF	1.150	.865	.047	.685	.850	1.960	.865	.047	.685	1.10	1.665	.688
		.200-.350	50C2IKF	1.300	.865	.047	.685	.850	1.960	.865	.047	.685	1.10	1.515	.688
		.350-.500	50C3IKF	1.450	.865	.047	.685	.850	1.960	.865	.047	.685	1.10	1.315	.688

METRIC ALL DIMENSIONS ARE IN MILLIMETERS (MM)	THREAD SIZE	GRIP RANGE	PART CODE	L +/- 0.38	B +/- 0.38	C NOM.	D MAX.	M REF.	L-CE +/- 0.38	B +/- 0.38	C NOM.	D MAX.	K MIN.	M REF.	HOLE SIZE +0.15-0.00
	M4 X 0.7	0.5-2.0	.40C1IKF	10.67	9.91	0.76	6.73	7.75	18.8	9.91	0.76	6.73	11.6	16.26	6.75
		2.0-3.3	.40C2IKF	11.94	9.91	0.76	6.73	7.75	18.8	9.91	0.76	6.73	11.6	14.73	6.75
	M5 X 0.8	0.5-3.3	.50C1IKF	12.07	10.54	0.76	7.52	8	25.15	10.54	0.76	7.52	15.6	21.46	7.6
		3.3-5.7	.50C2IKF	14.86	10.54	0.76	7.52	8	25.15	10.54	0.76	7.52	15.6	18.67	7.6
	M6 X 1.0	0.7-4.2	.60C1IKF	14.73	12.7	0.76	9.91	9.65	30.23	12.7	0.76	9.91	17.5	25.53	10
		4.2-6.6	.60C2IKF	17.27	12.7	0.76	9.91	9.65	30.23	12.7	0.76	9.91	17.5	22.99	10
	M8 X 1.25	0.7-3.8	.80C1IKF	17.53	17.4	0.89	13.46	11.94	35.31	17.4	0.89	13.46	20.2	29.85	13.5
		3.8-7.9	.80C2IKF	20.45	17.4	0.89	13.46	10.8	35.31	17.4	0.89	13.46	20.2	26.04	13.5
	M10 X 1.5	0.7-3.8	.100C1IKF	17.53	17.4	0.89	13.46	11.94	35.31	17.4	0.89	13.46	20.8	29.85	13.5
		3.8-7.9	.100C2IKF	20.45	17.4	0.89	13.46	10.8	35.31	17.4	0.89	13.46	20.8	26.04	13.5
	M12 X 1.75	1.6-5.1	.120C1IKF	29.21	21.97	1.19	17.4	21.59	49.78	21.97	1.19	17.4	17.94	42.29	17.47
		5.1-8.9	.120C2IKF	33.02	21.97	1.19	17.4	21.59	49.78	21.97	1.19	17.4	27.94	38.48	17.47

****DIFFERENT GRIP RANGES AND FINE THREAD SIZES ARE AVAILABLE UPON REQUEST****

THE PART NUMBER IS COMPLETE BY ADDING THE MATERIAL AND FINISH CODES AS A SUFFIX TO THE PART CODE:

MATERIAL/FINISH CODES:

SY = Steel, Zinc Yellow ROHS
SZ = Steel, Zinc Clear ROHS
SC = Steel, Cad Yellow Plated

SZN = Steel, Zinc Nickel 800 Hours
AP = Aluminum, Plain Finish
3P = 300 Series S/S Plain Finish

**SEE PAGE 28 FOR
PART NUMBER DETAILS**

IKR Series® Reduced Head · Knurled Body

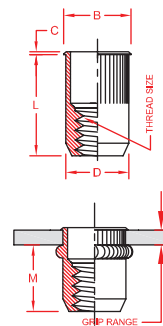
THINWALL AMERICAN STANDARD RIVETNUTS

IKR SERIES®

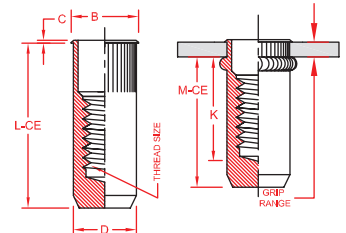
The RivetKing IKR Series is a thinwall Rivetnut with a reduced head. Its design is such that spin/spin tools can easily collapse and properly set the rivet nut. The reduced head provides for a completely flush installation in the sheet metal. Spin-Spin or Spin-Pull tools can be used to apply IKR series rivetnuts.



OPEN END



CLOSED END



			OPEN END						CLOSED END						HOLE SIZE IN SHEET +.006-.000
NORM.	THREAD SIZE	GRIP RANGE	PART CODE	A +/- .015	B +/- .015	C NOM.	D MAX.	M REF.	L +/- .015	B +/- .015	C NOM.	D MAX.	K MIN.	M REF.	
INCH ALL DIMENSIONS ARE IN INCHES	6-32 UNC	.020-.080	6C1IKR	.420	.310	.019	.265	.305	.740	.310	.019	.265	.43	.640	.266
		.080-.130	6C2IKR	.470	.310	.019	.265	.305	.740	.310	.019	.265	.43	.580	.266
	8-32 UNC	.020-.080	8C1IKR	.420	.310	.019	.265	.305	.740	.310	.019	.265	.43	.640	.266
		.080-.130	8C2IKR	.470	.310	.019	.265	.305	.740	.310	.019	.265	.43	.580	.266
	10-32 UNF	.020-.130	10F1IKR	.475	.340	.019	.296	.315	.990	.340	.019	.296	.58	.845	.297
		.130-.225	10F2IKR	.585	.340	.019	.296	.315	.990	.340	.019	.296	.58	.735	.297
	1/4-20 UNC	.027-.165	25C1IKR	.580	.455	.022	.390	.380	1.190	.455	.022	.390	.70	1.005	.391
		.165-.260	25C2IKR	.680	.455	.022	.390	.380	1.190	.455	.022	.390	.70	.905	.391
	5/16-18 UNC	.027-.150	31C1IKR	.690	.595	.022	.530	.470	1.390	.595	.022	.530	.82	1.175	.531
		.150-.312	31C2IKR	.805	.595	.022	.530	.425	1.390	.595	.022	.530	.82	1.025	.531
	3/8-16 UNC	.027-.150	37C1IKR	.690	.595	.022	.530	.470	1.390	.595	.022	.530	.83	1.175	.531
		.150-.312	37C2IKR	.805	.595	.022	.530	.425	1.390	.595	.022	.530	.83	1.025	.531
METRIC ALL DIMENSIONS ARE IN MILLIMETERS (MM)	M4 X 0.7	0.5-2.0	.40C1IKR	10.67	7.87	0.48	6.73	7.75	18.8	7.78	0.48	6.73	11.6	16.26	6.75
		2.0-3.3	.40C2IKR	11.94	7.87	0.48	6.73	7.75	18.8	7.87	0.48	6.73	11.6	14.73	6.75
	M5 X 0.8	0.5-3.3	.50C1IKR	12.07	7.64	0.48	7.52	8.00	25.15	8.64	0.48	7.52	15.6	21.46	7.60
		3.3-5.7	.50C2IKR	14.86	8.64	0.48	7.52	8.00	25.15	8.64	0.48	7.52	15.6	18.67	7.60
	M6 X 1.0	0.7-4.2	.60C1IKR	14.73	11.56	0.55	9.91	9.65	30.23	11.56	0.55	9.91	17.5	25.53	10.00
		4.2-6.6	.60C2IKR	17.27	11.56	0.55	9.91	9.65	30.23	11.56	0.55	9.91	17.5	22.99	10.00
	M8 X 1.25	0.7-3.8	.80C1IKR	17.53	15.11	0.55	13.46	11.94	35.31	15.11	0.55	13.46	20.2	29.85	13.50
		3.8-7.9	.80C2IKR	20.45	15.11	0.55	13.46	10.80	35.31	15.11	0.55	13.46	20.2	26.04	13.50
	M10 X 1.5	0.7-3.8	.100C1IKR	17.53	15.11	0.55	13.46	11.94	35.31	15.11	0.55	13.46	20.8	29.85	13.50
		3.8-7.9	.100C2IKR	20.45	15.11	0.55	13.46	10.80	35.31	15.11	0.55	13.46	20.8	26.04	13.50

****DIFFERENT GRIP RANGES AND FINE THREAD SIZES ARE AVAILABLE UPON REQUEST****

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MATERIAL/FINISH CODES:

SY = Steel, Zinc Yellow ROHS
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SZN = Steel, Zinc Nickel 800 Hours
AP = Aluminum, Plain Finish
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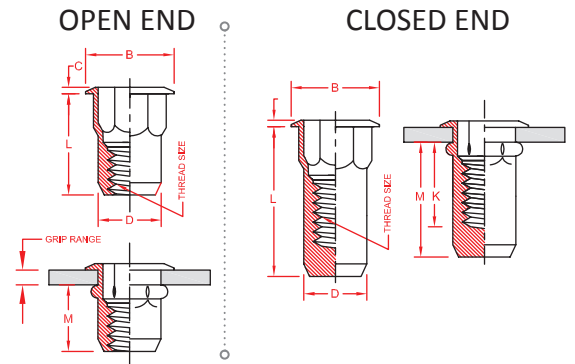
**SEE PAGE 28 FOR
PART NUMBER DETAILS**

IHF Series™ Half Hex Body · Low Profile Head

THINWALL AMERICAN STANDARD RIVET NUTS • FOR USE WITH SPIN-SPIN TOOLS

IHF SERIES

The RivetKing IHF Series is a thinwall half hex insert for use in hexagon holes. The torque to set is far less than the full hex heavy wall inserts. The low profile head is wide and thin and allows for a near flush installation. Spin-spin or spin-pull tools can be used to set the IHF series.



			OPEN END						CLOSED END						HOLE SIZE IN SHEET
NORM.	THREAD SIZE	GRIP RANGE	PART CODE	L +/- .015	B +/- .015	C NOM.	D MAX.	M REF.	L +/- .015	B +/- .015	C NOM.	D MAX.	K MIN.	M REF.	+ .006-.000
INCH ALL DIMENTIONS ARE IN INCHES	6-32 UNC	.020-.080	6C1IHF	0.385	0.375	0.027	0.249	0.295	0.740	0.375	0.027	0.249	0.575	0.640	0.250
		.080-.130	6C2IHF	0.435	0.375	0.027	0.249	0.295	0.740	0.375	0.027	0.249	0.640	0.580	0.250
	8-32 UNC	.020-.080	8C1IHF	0.385	0.375	0.027	0.249	0.295	0.740	0.375	0.027	0.249	0.575	0.640	0.250
		.080-.130	8C2IHF	0.435	0.375	0.027	0.249	0.295	0.740	0.375	0.027	0.249	0.640	0.580	0.250
	10-32 UNC	.020-.130	10F1IHF	0.435	0.390	0.027	0.280	0.275	1.030	0.390	0.027	0.280	0.695	0.845	0.281
		.130-.225	10F2IHF	0.535	0.390	0.027	0.280	0.275	1.030	0.390	0.027	0.280	0.805	0.735	0.281
	1/4-20 UNC	.027-.165	25C1IHF	0.585	0.510	0.030	0.374	0.400	1.190	0.510	0.030	0.374	0.945	1.015	0.375
		.165-.260	25C2IHF	0.685	0.510	0.030	0.374	0.400	1.190	0.510	0.030	0.374	1.085	0.915	0.375
	5/16-18 UNC	.027-.150	31C1IHF	0.685	0.655	0.035	0.499	0.530	1.445	0.655	0.035	0.499	1.045	1.235	0.500
		.150-.312	31C2IHF	0.845	0.655	0.035	0.499	0.515	1.445	0.655	0.035	0.499	1.170	1.220	0.500
	3/8-16 UNC	.027-.150	37C1IHF	0.685	0.655	0.035	0.499	0.530	1.445	0.655	0.035	0.499	1.045	1.235	0.500
		.150-.312	37C2IHF	0.845	0.655	0.035	0.499	0.515	1.445	0.655	0.035	0.499	1.170	1.220	0.500
	1/2-13 UNC	.063-.200	50C1IHF	1.150	0.865	0.050	0.688	0.950	-	-	-	-	-	-	0.689
		.200-.350	50C2IHF	1.300	0.865	0.050	0.688	0.950	-	-	-	-	-	-	0.689

METRIC ALL DIMENTIONS ARE IN MILLIMETERS (MM)	THREAD SIZE	GRIP RANGE	PART CODE	A +/- 0.38	B +/- 0.38	C NOM.	D MAX.	M REF.	L +/- 0.38	B +/- 0.38	C NOM.	D MAX.	K MIN.	M REF.	HOLE SIZE +0.15-0.00
	M4 X 0.7	0.5-2.0	.40C1IHF	9.78	9.53	0.68	6.35	7.49	18.8	9.53	0.68	6.35	11.6	16.26	6.35
		2.0-3.3	.40C2IHF	11.05	9.53	0.68	6.35	7.49	18.8	9.53	0.68	6.35	11.6	14.73	6.35
	M5 X 0.8	0.5-3.3	.50C1IHF	11.05	9.91	0.68	7.1	6.99	26.16	9.91	0.68	7.1	15.6	21.46	7.14
		3.3-5.7	.50C2IHF	13.59	9.91	0.68	7.1	6.99	26.16	9.91	0.68	7.1	15.6	18.67	7.14
	M6 X 1.0	0.7-4.2	.60C1IHF	14.86	12.96	0.76	9.5	10.16	30.23	12.96	0.76	9.5	17.5	25.78	9.53
		4.2-6.6	.60C2IHF	17.4	12.96	0.76	9.5	10.16	30.23	12.96	0.76	9.5	17.5	23.24	9.53
	M8 X 1.25	0.7-3.8	.80C1IHF	17.4	16.64	0.89	12.7	13.46	36.7	16.64	0.89	12.7	20.2	31.37	12.7
		3.8-7.9	.80C2IHF	21.46	16.64	0.89	12.7	13.08	36.7	16.64	0.89	12.7	20.2	30.99	12.7
	M10 X 1.5	0.7-3.8	.100C1IHF	17.4	16.64	0.89	12.7	13.46	36.7	16.64	0.89	12.7	20.8	31.37	12.7
		3.8-7.9	.100C2IHF	21.46	16.64	0.899	12.7	13.08	36.7	16.64	0.899	12.7	20.8	21.07	12.7
	M12 X 1.75	1.6-5.1	.120C1IHF	29.21	21.97	1.27	17.48	24.13	-	-	-	-	-	-	17.5
		5.1-8.9	.120C2IHF	33.02	21.97	1.27	17.48	24.13	-	-	-	-	-	-	17.5

****DIFFERENT GRIP RANGES AND FINE THREAD SIZES ARE AVAILABLE UPON REQUEST****

THE PART NUMBER IS COMPLETE BY ADDING THE MATERIAL AND FINISH CODES AS A SUFFIX TO THE PART CODE:

MATERIAL/FINISH CODES:

SY = Steel, Zinc Yellow ROHS
SZ = Steel, Zinc Clear ROHS F
SC = Steel, Cad Yellow Plated

SZN = Steel, Zinc Nickel 800 Hours
AP = Aluminum, Plain Finish
3P = 300 Series S/S Plain Finish

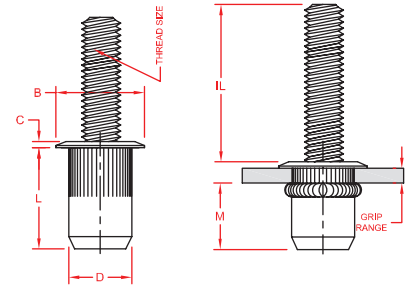
**SEE PAGE 28 FOR
PART NUMBER DETAILS**

IKS Series™ · Blind Threaded Studs

THIN WALL AMERICAN SERIES RIVET STUDS

IKS SERIES

The RivetKing IKS series is a combination thinwall rivet nut with a low profile head and a high strength steel stud. These parts provide strong external threads in blind applications. They can be installed using spin-spin or spin-pull tooling. Contact Industrial Rivet for tooling nosepieces.



NORM.	THREAD SIZE	GRIP RANGE	PART CODE	L +/- .015	B +/- .015	C NOM.	D MAX.	M REF.	STUD LENGTH, "IL" NOM. (AT MAX GRIP)			HOLE SIZE IN SHEET +0.06-.000
INCH ALL DIMENSIONS ARE IN INCHES	6-32 UNC	.020 - .080	6C1IKS	0.420	0.390	0.030	0.265	0.305	0.500	0.625	0.750	0.250
		.080 - .130	6C2IKS	0.470	0.390	0.030	0.265	0.305	0.450	0.575	0.700	0.250
	8-32 UNC	.020 - .080	8C1IKS	0.420	0.390	0.030	0.265	0.305	0.500	0.625	0.750	0.250
		.020 - .080	8C2IKS	0.470	0.390	0.030	0.265	0.305	0.450	0.575	0.700	0.250
	10-32 UNF	.020 - .130	10F1IKS	0.475	0.415	0.030	0.296	0.315	0.500	0.625	0.750	0.281
		.130 - .225	10F2IKS	0.585	0.415	0.030	0.296	0.315	0.405	0.530	0.655	0.281
	1/4-20 UNC	.027 - .165	25C1IKS	0.580	0.500	0.030	0.390	0.380	0.625	0.813	1.000	0.375
		.165 - .260	25C2IKS	0.680	0.500	0.030	0.390	0.380	0.530	0.713	0.905	0.375
	5/16 - 18 UNC	.027 - .150	31C1IKS	0.690	0.685	0.035	0.530	0.470	0.625	0.875	1.125	0.500
		.150 - .312	31C2IKS	0.805	0.685	0.035	0.530	0.425	0.530	0.713	0.963	0.500
	3/8 - 16 UNC	.027 - .150	37C1IKS	0.690	0.685	0.035	0.530	0.470	0.750	1.000	1.250	0.500
		.150 - .312	37C2IKS	0.805	0.685	0.035	0.530	0.425	0.588	0.838	1.088	0.500
METRIC ALL DIMENSIONS ARE IN MILLIMETERS (MM)	M4 x 0.7	0.5 - 2.0	.40C1IKS	10.67	9.91	0.76	6.73	7.75	12	15	20	6.35
		2.0 - 3.3	.40C2IKS	11.94	9.91	0.76	6.73	7.75	10.7	13.7	18.7	6.35
	M5 x 0.8	0.5 - 2.0	.50C1IKS	12.07	10.54	0.76	7.52	8	12	15	20	7.14
		2.0 - 3.3	.50C2IKS	14.86	10.54	0.76	7.52	8	9.6	12.6	17.6	7.14
	M6 x 1.0	0.7 - 4.2	.60C1IKS	14.73	12.7	0.76	9.91	9.65	15	20	25	9.53
		4.2 - 6.6	.60C2IKS	17.27	12.7	0.76	9.91	9.65	12.6	17.6	22.6	9.53
	M8 x 1.25	0.7 - 3.8	.80C1IKS	17.53	17.4	0.89	13.46	11.94	16	22	28	12.7
		3.8 - 7.9	.80C2IKS	20.45	17.4	0.89	13.46	10.8	13	17.9	23.9	12.7
	M10 x 1.75	0.7 - 3.8	.100C1IKS	17.53	17.4	0.89	13.46	11.94	20	25	30	12.7
		3.8 - 7.9	.100C2IKS	20.45	17.4	0.899	13.46	10.8	17	20.9	25.9	12.7

****NOSE PIECES TO INSTALL THESE PARTS ARE AVAILABLE FOR THE RK-51SP, RK-55SPS, RK-59SPS AND RK-787 TOOLS****

THE PART NUMBER IS COMPLETE BY ADDING THE MATERIAL AND FINISH CODES AS A SUFFIX TO THE PART CODE:

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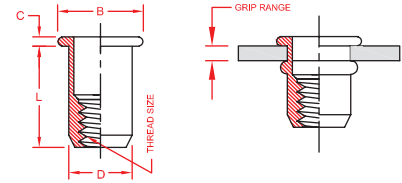
**SEE PAGE 28 FOR
PART NUMBER DETAILS**

IRL Series™ Large Head · Heavy Duty · Smooth Body · Inch

THICKWALL AMERICAN STANDARD RIVET NUTS • FOR HEAVY DUTY APPLICATIONS

IRL SERIES®

The robust IRL series offers higher pullout resistance and increased endurance of the joint and assembly. Spin-pull tools are recommended for the installation of IRL series rivet nuts.



NORM.	PART CODE	THREAD SIZE	GRIP CODE	GRIP RANGE	L LENGTH +/- .015	B HEAD DIA +/- .015	C HEAD HEIGHT NOMINAL	D BODY DIA. +.000/- .004	HOLE SIZE +.003/- .000
INCH ALL DIMENSIONS ARE IN INCHES	4C1IRL	4-40 UNC	#1	.010 - .060	.345	.270	.025	.155	.155
	4C2IRL	4-40 UNC	#2	.060 - .085	.370	.270	.025	.155	.155
	4C3IRL	4-40 UNC	#3	.085 - .110	.400	.270	.025	.155	.155
	6C1IRL	6-32 UNC	#1	.010 - .075	.438	.325	.032	.189	.189
	6C2IRL	6-32 UNC	#2	.075 - .120	.500	.325	.032	.189	.189
	6C3IRL	6-32 UNC	#3	.120 - .160	.500	.325	.032	.189	.189
	8C1IRL	8-32 UNC	#1	.010 - .075	.438	.357	.032	.221	.221
	8C2IRL	8-32 UNC	#2	.075 - .120	.500	.357	.032	.221	.221
	8C3IRL	8-32 UNC	#3	.120 - .160	.500	.357	.032	.221	.221
	10C1IRL	10-24 UNC	#1	.010 - .080	.531	.406	.038	.250	.250
	10C2IRL	10-24 UNC	#2	.080 - .130	.594	.406	.038	.250	.250
	10C3IRL	10-24 UNC	#3	.130 - .180	.641	.406	.038	.250	.250
	10F1IRL	10-32 UNF	#1	.010 - .080	.531	.406	.038	.250	.250
	10F2IRL	10-32 UNF	#2	.080 - .130	.594	.406	.038	.250	.250
	10F3IRL	10-32 UNF	#3	.130 - .180	.641	.406	.038	.250	.250
	25C1IRL	1/4-20 UNC	#1	.020 - .080	.625	.475	.058	.332	.332
	25C2IRL	1/4-20 UNC	#2	.080 - .140	.687	.475	.058	.332	.332
	25C3IRL	1/4-20 UNC	#3	.140 - .200	.750	.475	.058	.332	.332
	31C1IRL	5/16-18 UNC	#1	.030 - .125	.750	.665	.062	.413	.413
	31C2IRL	5/16-18 UNC	#2	.125 - .200	.875	.665	.062	.413	.413
	31C3IRL	5/16-18 UNC	#3	.200 - .275	.937	.665	.062	.413	.413
	37C1IRL	3/8-16 UNC	#1	.030 - .115	.844	.781	.088	.490	.490
	37C2IRL	3/8-16 UNC	#2	.115 - .200	.938	.781	.088	.490	.490
	37C3IRL	3/8-16 UNC	#3	.200 - .285	1.031	.781	.088	.490	.490
	50C1IRL	1/2-13 UNC	#1	.050 - .150	.906	.906	.085	.625	.625
	50C2IRL	1/2-13 UNC	#2	.150 - .250	1.031	.906	.085	.625	.625
	50C3IRL	1/2-13 UNC	#3	.250 - .350	1.141	.906	.085	.625	.625

****LONGER GRIP RANGES AND CLOSED END PARTS ARE AVAILABLE UPON REQUEST****

THE PART NUMBER IS COMPLETE BY ADDING THE MATERIAL AND FINISH CODES AS A SUFFIX TO THE PART CODE:

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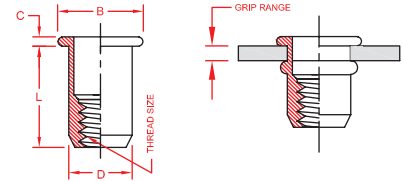
**SEE PAGE 28 FOR
PART NUMBER DETAILS**

IRL Series™ Large Head · Heavy Duty · Smooth Body · Metric

THICKWALL AMERICAN STANDARD RIVET NUTS • FOR HEAVY DUTY APPLICATIONS

IRL SERIES®

The robust IRL series offers higher pullout resistance and increased endurance of the joint and assembly. Spin-pull tools are recommended for the installation of IRL series rivet nuts.



METRIC ALL DIMENSIONS ARE IN MILLIMETERS (MM)	PART CODE	THREAD SIZE	GRIP CODE	GRIP RANGE	L LENGTH +/- 0.38	B HEAD DIA +/- 0.38	C HEAD HEIGHT NOMINAL	D BODY DIA. +0.00/-0.01	HOLE SIZE +0.03/-0.00
	.30C1IRL	M3 x 0,5 ISO	#1	0,25 - 1,00	8,00	6,68	0,63	3,93	3,94
	.30C2IRL	M3 x 0,5 ISO	#2	1,00 - 1,75	8,75	6,68	0,63	3,93	3,94
	.30C3IRL	M3 x 0,5 ISO	#3	1,75 - 2,50	9,50	6,68	0,63	3,93	3,94
	.40C1IRL	M4 x 0,7 ISO	#1	0,25 - 2,00	11,00	9,01	0,81	5,61	5,60
	.40C2IRL	M4 x 0,7 ISO	#2	2,00 - 3,00	12,00	9,01	0,81	5,61	5,60
	.40C3IRL	M4 x 0,7 ISO	#3	3,00 - 4,00	13,00	9,01	0,81	5,61	5,60
	.50C1IRL	M5 x 0,8 ISO	#1	0,25 - 2,00	14,50	11,17	1,22	7,13	7,20
	.50C2IRL	M5 x 0,8 ISO	#2	2,00 - 3,50	16,00	11,17	1,22	7,13	7,20
	.50C3IRL	M5 x 0,8 ISO	#3	3,50 - 5,00	17,50	11,17	1,22	7,13	7,20
	.60C1IRL	M6 x 1,0 ISO	#1	0,75 - 2,00	15,50	13,43	1,47	8,43	8,50
	.60C2IRL	M6 x 1,0 ISO	#2	2,00 - 3,50	17,00	13,43	1,47	8,43	8,50
	.60C3IRL	M6 x 1,0 ISO	#3	3,50 - 5,00	18,50	13,43	1,47	8,43	8,50
	.80C1IRL	M8 x 1,25 ISO	#1	0,75 - 3,00	18,00	16,65	1,57	10,48	10,50
	.80C2IRL	M8 x 1,25 ISO	#2	3,00 - 5,00	20,00	16,65	1,57	10,48	10,50
	.80C3IRL	M8 x 1,25 ISO	#3	5,00 - 7,00	22,00	16,65	1,57	10,48	10,50
	.100C1IRL	M10 x 1,5 ISO	#1	1,00 - 3,00	20,00	19,50	2,23	12,44	12,50
	.100C2IRL	M10 x 1,5 ISO	#2	3,00 - 5,50	22,50	19,50	2,23	12,44	12,50
	.100C3IRL	M10 x 1,5 ISO	#3	5,50 - 8,00	25,00	19,50	2,23	12,44	12,50
	.120C1IRL	M12 x 1,75 ISO	#1	1,00 - 3,00	24,00	22,79	2,23	15,88	15,90
	.120C2IRL	M12 x 1,75 ISO	#2	3,00 - 5,50	26,50	22,79	2,23	15,88	15,90
	.120C3IRL	M12 x 1,75 ISO	#3	5,50 - 8,00	29,00	22,79	2,23	15,88	15,90

****LONGER GRIP RANGES AND CLOSED END PARTS ARE AVAILABLE UPON REQUEST****

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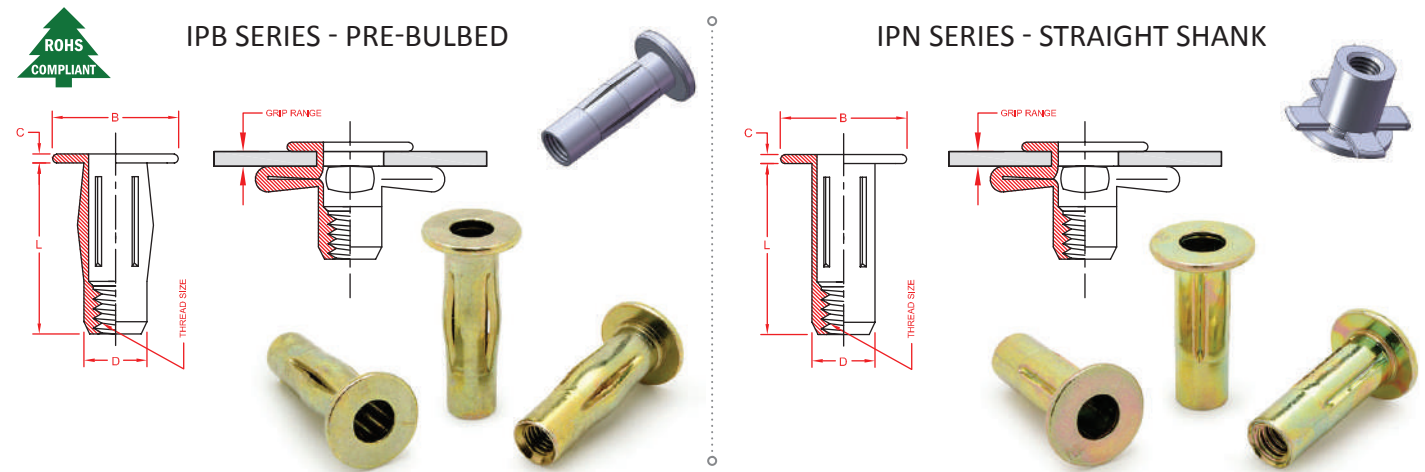
**SEE PAGE 28 FOR
PART NUMBER DETAILS**

IPB & IPN Series™ Quadrafold™ Rivet Nut

PRE-BULBED & STRAIGHT SHANK QUAD FOLDING RIVET NUTS

IPB & IPN SERIES

The RivetKing IPB and IPN Series rivet nuts do what traditional rivet nuts cannot. This series is designed for soft materials such as plastics, fiberglass and thin sheet metal where increased pullout resistance is required. The fastener performance is dictated by the four folding times that are extended during the riveting process. The result is an upset of metal that is nearly three times the diameter of the hole. This series is offered in both pre-bulbed & straight shank versions. The straight shank version is designed to work with spin-pull tooling and the prebulb version is designed to work with both spin-spin and spin-pull.



NORM.	PART CODE (PRE-BULBED)	PART CODE (STRAIGHT SHANK)	THREAD SIZE	GRIP CODE	GRIP RANGE	L LENGTH MAX.	B HEAD DIAMETER MAX.	C HEAD HEIGHT +/- .005	D BODY DIAMETER MAX.	HOLE SIZE +.006/- .000
INCH ALL DIMENSIONS ARE IN INCHES	10C1IPB	10C1IPN	10-24 UNC	#1	.020 - .175	.843	.510	.038	.329 (.272)	.336 (.273)
	10C2IPB	10C2IPN	10-24 UNC	#2	.175 - .320	.936	.510	.038	.329 (.272)	.336 (.273)
	10F1IPB	10F1IPN	10-32 UNF	#1	.020 - .175	.843	.510	.038	.329 (.272)	.336 (.273)
	10F2IPB	10F2IPN	10-32 UNF	#2	.175 - .320	.936	.510	.038	.329 (.272)	.336 (.273)
	25C1IPB	25C1IPN	1/4-20 UNC	#1	.020 - .280	1.015	.645	.059	.382 (.346)	.390 (.347)
	25C2IPB	25C2IPN	1/4-20 UNC	#2	.280 - .500	1.249	.645	.059	.382 (.346)	.390 (.347)
	31C1IPB	31C1IPN	5/16-18 UNC	#1	.020 - .280	1.156	.770	.062	.495 (.437)	.500 (.438)
	31C2IPB	31C2IPN	5/16-18 UNC	#2	.280 - .500	1.390	.770	.062	.495 (.437)	.500 (.438)

	PART CODE (PRE-BULBED)	PART CODE (STRAIGHT SHANK)	THREAD SIZE	GRIP CODE	GRIP RANGE	L LENGTH MAX.	B HEAD DIAMETER MAX.	C HEAD HEIGHT +/- 0.13	D BODY DIAMETER MAX.	HOLE SIZE +0.15/- .000
METRIC ALL DIMENSIONS ARE IN MILLIMETERS (MM)	.50C1IPB	.50C1IPN	M5	#1	0.50 - 4.45	21.41	12.95	0.96	8.35 (7.47)	8.55 (7.48)
	.50C2IPB	.50C2IPN	M5	#2	4.45 - 8.10	24.18	12.95	0.96	8.35 (7.47)	8.55 (7.48)
	.60C1IPB	.60C1IPN	M6	#1	0.50 - 7.10	25.78	16.38	1.50	9.70 (8.79)	10.00 (8.80)
	.60C2IPB	.60C2IPN	M6	#2	7.10 - 12.70	31.70	16.38	1.50	9.70 (8.79)	10.00 (8.80)
	.80C1IPB	.80C1IPN	M8	#1	0.50 - 7.10	29.33	19.65	1.57	12.57 (11.10)	12.70 (11.11)
	.80C2IPB	.80C2IPN	M8	#2	7.10 - 12.70	35.28	19.65	1.57	12.57 (11.10)	12.70 (11.11)

****DIMENSIONS IN BLUE ARE FOR THE STRAIGHT SHANK (IPN) VERSIONS****

THE PART NUMBER IS COMPLETE BY ADDING THE MATERIAL AND FINISH CODES AS A SUFFIX TO THE PART CODE:

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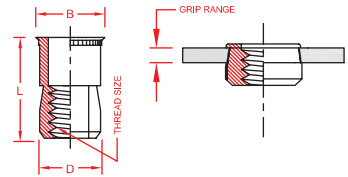
**SEE PAGE 28 FOR
PART NUMBER DETAILS**

ISR & ISN Swaging Series™

AMERICAN STANDARD RIVET NUTS • FOR BLIND HOLES OR LARGE GRIP RANGE

ISR SWAGING SERIES™ | STRAIGHT KNURL - FOR METALS

The RivetKing ISN/ISR Series has the grip range that most rivet nuts lack. It has an unlimited maximum grip range which will work in all thickness above .030 (ISR Series) and .062 (ISN Series). The ISR series is designed for use in any metal, while the ISN series is designed for use in any material softer than itself such as plastics, fiberglass, and plywood.

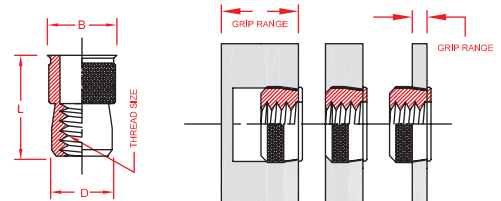


RECOMMENDED HOLE SIZE

NORM.	PART CODE	THREAD SIZE	B HEAD DIA +/- .005	L LENGTH +/- .015	D BODY DIA. MAX.	MATERIAL THICKNESS .030-.090	MATERIAL THICKNESS .091-.124	MATERIAL THICKNESS .125-.186	MATERIAL THICKNESS .187- OVER
INCH ALL DIMENSIONS ARE IN INCHES	4C1ISR	4-40 UNC	0.211	0.370	0.1875	0.1875	0.1935	0.1935	0.1960
	6C1ISR	6-32 UNC	0.240	0.370	0.2185	0.2188	0.2210	0.2280	0.2280
	8C1ISR	8-32 UNC	0.269	0.370	0.2495	0.2500	0.2570	0.2656	0.2656
	10C1ISR	10-24 UNC	0.306	0.370	0.2805	0.2812	0.2900	0.2900	0.2969
	10F1ISR	10-32 UNF	0.306	0.370	0.2805	0.2812	0.2900	0.2900	0.2969
	25C1ISR	1/4-20 UNC	0.400	0.515	0.3745	0.3750	0.3750	0.3860	0.3906
	31C1ISR	5/16-18 UNC	0.528	0.615	0.4995	0.5000	0.5000	0.5156	0.5156
	37C1ISR	3/8-16 UNC	0.588	0.745	0.5165	0.5625	0.5625	0.5781	0.5781
	50C1ISR	1/2-13 UNC	0.800	0.935	0.7485	0.7500	0.7656	0.7810	0.7970

****METRIC SIZES ARE AVAILABLE ON REQUEST****

ISN SWAGING SERIES™ | DIAMOND KNURL - FOR PLASTICS / SOFT MATERIALS



NORM.	PART CODE	THREAD SIZE	B HEAD DIA +/- .005	L LENGTH +/- .015	D BODY DIA. MAX.	HOLE SIZE +.005/- .000	MATERIAL THICKNESS
INCH ALL DIMENSIONS ARE IN INCHES	6C1ISN	6-32 UNC	0.255	0.370	0.233	0.234	.062 MIN.
	8C1ISN	8-32 UNC	0.285	0.370	0.264	0.266	.062 MIN.
	10C1ISN	10-24 UNC	0.320	0.370	0.295	0.297	.062 MIN.
	10F1ISN	10-32 UNF	0.320	0.370	0.295	0.297	.062 MIN.
	25C1ISN	1/4-20 UNC	0.415	0.515	0.389	0.391	.062 MIN.
	31C1ISN	5/16-18 UNC	0.550	0.615	0.528	0.531	.062 MIN.
	37C1ISN	3/8-16 UNC	0.615	0.740	0.590	0.594	.062 MIN.

****METRIC SIZES ARE AVAILABLE ON REQUEST****

THE PART NUMBER IS COMPLETE BY ADDING THE MATERIAL AND FINISH CODES AS A SUFFIX TO THE PART CODE:

MATERIAL/FINISH CODES:

SC1 = Steel, Cad Clear Plated
SC2 = Steel, Cad Yellow Plated

ST = Steel, Tin Plated ROHS
AP = Aluminum, Plain Finish

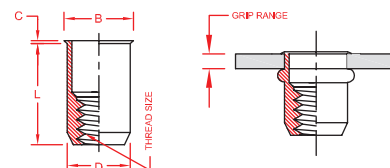
**SEE PAGE 28 FOR
PART NUMBER DETAILS**

IRR Series™ Reduced Head · Smooth Body

THINWALL AMERICAN STANDARD RIVET NUTS • FOR STANDARD HOLE SIZES

IRR SERIES®

The RivetKing IRR Series is a thinwall insert that has been designed specifically for convenience. Often the holes of hardware are pre-drilled or pre-punched to a standard hole size. This may cause difficulties with traditional rivet nuts which require an off-standard hole diameter. The IRR series have been produced to fit in common hole sizes that may be found in pre-designed hardware and assemblies.



NORM.	PART NUMBER	THREAD SIZE (INCH)	GRIP RANGE	L LENGTH +/- .015	B HEAD DIA +/- .010	C HEAD HEIGHT +/- .003	D BODY DIA. MAX.	HOLE SIZE +.006/- .000
INCH ALL DIMENSIONS ARE IN INCHES	6C1IRR	6-32 UNC	.020-.080	.385	.295	.018	.249	.250
	8C1IRR	8-32 UNC	.020-.080	.385	.295	.018	.249	.250
	10C1IRR	10-24 UNC	.020-.130	.440	.320	.020	.280	.281
	10F1IRR	10-32 UNC	.020-.130	.440	.320	.020	.280	.281
	25C1IRR	1/4-20 UNC	.030-.165	.580	.425	.022	.374	.375
	25F1IRR	1/4-28 UNF	.030-.165	.580	.425	.022	.374	.375
	31C1IRR	5/16-18 UNC	.040-.200	.690	.560	.022	.499	.500
	31F1IRR	5/16-24 UNF	.040-.200	.690	.560	.022	.499	.500
	37C1IRR	3/8-16 UNC	.040-.200	.690	.560	.022	.499	.500
	37F1IRR	3/8-24 UNF	.040-.200	.690	.560	.022	.499	.500
METRIC ALL DIMENSIONS ARE IN MILLIMETERS (MM)	.30C1IRR	M3	0.50 - 1.50	8.70	5.40	0.30	4.92	5.10
	.40C1IRR	M4	0.50 - 2.00	10.40	6.70	0.30	6.30	6.40
	.50C1IRR	M5	0.50 - 3.00	11.50	7.90	0.40	7.10	7.20
	.60C1IRR	M6	0.70 - 3.00	14.50	10.20	0.40	9.50	9.60
	.80C1IRR	M8	0.80 - 4.50	16.00	11.30	0.40	10.50	10.60

THE PART NUMBER IS COMPLETE BY ADDING THE MATERIAL AND FINISH CODES AS A SUFFIX TO THE PART CODE:

MATERIAL/FINISH CODES:

SY = Steel, Zinc Yellow ROHS
SZ = Steel, Zinc Clear ROHS F

SC = Steel, Cad Yellow Plated
SZN = Steel, Zinc Nickel 800 Hours

**SEE PAGE 28 FOR
PART NUMBER DETAILS**

Non Standard Design Ideas

Don't see exactly what you want on any of our catalog pages? Don't worry. RivetKing has a long history of working to understand our customer's specific needs and then developing solutions that meet these needs. On this page are just a few of the value added products we have developed over the years.

Our Application Engineering specialists will be happy to work with your engineers to understand your fastener requirements and identify standard parts that will work or develop custom solution when needed.



When an airtight or watertight solution is required, we can add a Plastisol seal under the head of the fastener. When higher temperatures or better chemical resistance is needed, we can apply a RIMLEX sealant under the head.



We offer many platings and various colors for our fasteners. Let's discuss your requirements. We can apply plating and certify to the requirements of most industry or manufacturers specifications.



We can manufacture parts that have very short grip ranges for use in extra thin materials or we can reduce the Over All Length of the part when needed for tight spots.



Using an insert in very thick material? This is no problem as we can design a part that will work.



We can provide parts besides rivet nuts. Here is a brass screw machined insert for plastics. Having trouble finding a source for a part? Give us a call.



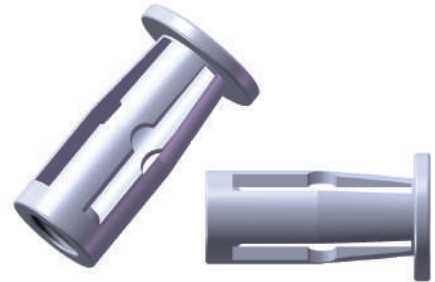
When looking for extra spin out resistance in thin or soft material, a wedge shape under the head of the fastener is the answer.

JK Series™ JK Nut

AMERICAN STANDARD

JK NUT

The RivetKing JK Series is a low cost alternative to IPB Series in non-load bearing applications. Ideal applications for JK Nuts are when they can be applied to paperboard, cardboard, or thin plastics. For weather resistance, the JK nuts can be coated in vinyl in any color.



NORM.	PART CODE	THREAD SIZE (INCH)	GRIP CODE	GRIP RANGE	LENGTH +.040/-0.020	HEAD DIAMETER +/- 0.016	HEAD HEIGHT REF +/- 0.012	BODY DIAMETER MAX	HOLE SIZE +.008/-0.002
INCH ALL DIMENSIONS ARE IN INCHES	JK-0401	6-32 UNC	#1	0 - 0.197	0.661	0.488	0.063	0.335	0.315
	JK-0402	6-32 UNC	#2	0.197 - 0.394	0.866	0.488	0.063	0.335	0.315
	JK-0501	10-24 UNC	#1	0 - 0.197	0.724	0.551	0.063	0.413	0.394
	JK-0502	10-24 UNC	#2	0.197 - 0.394	0.913	0.551	0.063	0.413	0.394
	JK-0601	1/4-20 UNC	#1	0 - 0.197	0.732	0.630	0.063	0.492	0.472
	JK-0602	1/4-20 UNC	#2	0.197 - 0.394	0.902	0.630	0.063	0.492	0.472
	JK-0801	5/16-18 UNC	#1	0 - 0.197	0.748	0.709	0.071	0.610	0.591
	JK-0802	5/16-18 UNC	#2	.197 - .315	0.945	0.709	0.071	0.610	0.591
METRIC ALL DIMENSIONS ARE IN MILLIMETERS (MM)	JK-0401M	M4	#1	0 - 5.0	16.80	12.40	1.60	8.50	8.00
	JK-0402M	M4	#2	5.0 - 10.0	22.00	12.40	1.60	8.50	8.00
	JK-0501M	M5	#1	0 - 5.0	18.40	14.00	1.60	10.50	10.00
	JK-0502M	M5	#2	5.0 - 10.0	23.20	14.00	1.60	10.50	10.00
	JK-0601M	M6	#1	0 - 5.0	18.60	16.00	1.60	12.50	12.00
	JK-0602M	M6	#2	5.0 - 10.0	22.90	16.00	1.60	12.50	12.00
	JK-0801M	M8	#1	0 - 5.0	19.00	18.00	1.80	15.50	15.00
	JK-0802M	M8	#2	5.0 - 8.0	24.00	18.00	1.80	15.50	15.00

THE PART NUMBER IS COMPLETE BY ADDING THE MATERIAL AND FINISH CODES AS A SUFFIX TO THE PART CODE:

MATERIAL/FINISH CODES:

NO SUFFIX = Steel, Zinc Clear ROHS ∇
BP = Brass/EPDM

EXAMPLE:

Part Code JK-0401 in Steel, Zinc
Clear Plating is...JK-0401

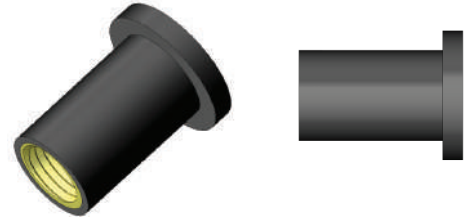
∇ Indicates stocked configurations

JF Series™ Rubber Nut

AMERICAN STANDARD

RUBBER NUT

The RivetKing JF Series Rubber Nuts are used as a removable rivet nut. Installation is performed with the bolt or screw itself. To remove the rivet nut, just remove the bolt or screw. Rubnuts can also be used as vibration isolators to prevent the rattle and pullout. Typical applications are for the installation of mirrors or other hardware in utility trucks, compressors, and engines.



NORM.	PART CODE	THREAD SIZE (INCH)	GRIP CODE	GRIP RANGE	LENGTH REF.	HEAD DIAMETER REF.	HEAD HEIGHT REF.	BODY DIAMETER REF.	HOLE SIZE +.002/-.000
INCH ALL DIMENSIONS ARE IN INCHES	JF-3100	6-32 UNC	#1	.015 - .156	.499	.433	.050	.311	.312
	JF-3250	6-32 UNC	#2	.375 - .511	.981	.551	.035	.240	.250
	JF-4100	8-32 UNC	#1	.015 - .156	.496	.433	.050	.311	.312
	JF-4140	8-32 UNC	#2	.015 - .172	.560	.750	.060	.311	.312
	JF-5150	10-32 UNF	#1	.015 - .192	.559	.500	.036	.374	.377
	JF-5170	10-32 UNF	#2	.035 - .232	.669	.562	.040	.374	.377
	JF-5190	10-32 UNF	#3	.030 - .227	.824	.750	.187	.374	.377
	JF-5250	10-32 UNF	#1	.300 - .600	1.04	.551	.051	.374	.503
	JF-6200	1/4-20 UNC	#2	.031 - .187	.831	.750	.187	.500	.503
	JF-6250	1/4-20 UNC	#3	.250 - .457	1.051	.641	.078	.500	.503
	JF-8200	5/16-18 UNC	#1	.016 - .156	.721	.846	.126	.625	.625
	JF-8250	5/16-18 UNC	#2	.156 - .375	1.100	.846	.225	.625	.625
	JF-1027	3/8-16 UNC	#2	.015 - .437	1.062	1.160	.187	.750	.753

	PART CODE	THREAD SIZE (INCH)	GRIP CODE	GRIP RANGE	LENGTH REF.	HEAD DIAMETER REF.	HEAD HEIGHT REF.	BODY DIAMETER REF.	HOLE SIZE +.002/-.000
METRIC ALL DIMENSIONS ARE IN MILLIMETERS (MM)	JF-3100M	M3-0.5	#1	0.40 - 4.00	12.60	11.00	1.20	7.90	7.90
	JF-3250M	M3-0.5	#2	9.50 - 15.40	24.90	14.00	0.90	6.10	6.10
	JF-4100M	M4-0.7	#1	0.40 - 4.00	12.60	11.00	1.20	7.90	7.90
	JF-4140M	M4-0.7	#2	0.40 - 4.40	14.20	19.05	1.50	7.90	7.90
	JF-5150M	M5-0.8	#1	0.40 - 4.90	14.10	12.70	0.90	9.60	9.60
	JF-5170M	M5-0.8	#2	0.85 - 5.90	17.00	14.00	1.00	9.60	9.60
	JF-5190M	M5-0.8	#3	0.80 - 5.80	20.95	18.95	4.40	9.60	9.60
	JF-5250M	M5-0.8	#1	7.90 - 15.00	26.50	14.00	1.30	9.60	9.60
	JF-6200M	M6-1.0	#2	0.80 - 4.70	21.10	19.05	4.75	12.70	12.70
	JF-6250M	M6-1.0	#3	6.40 - 11.50	26.70	16.30	2.00	12.70	12.70
	JF-8200M	M8-1.25	#1	0.40 - 4.00	18.30	21.50	3.20	15.90	15.90
	JF-8250M	M8-1.25	#2	3.95 - 9.50	27.90	21.50	5.70	15.90	15.90
	JF-1027M	M10-1.5	#2	0.38 - 11.10	27.00	29.50	4.75	19.05	19.05

THE PART NUMBER IS COMPLETE BY ADDING THE MATERIAL AND FINISH CODES AS A SUFFIX TO THE PART CODE:

MATERIAL/FINISH CODES:

NO SUFFIX = Brass/EPDM
BE = Brass/EPDM

3N = Stainless/Neoprene
3E = Stainless/EPDM

EXAMPLE:

Part Code JF-3100 in
Brass/Neoprene is... JF-3100

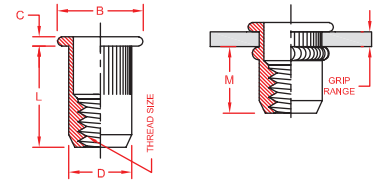
‡ Indicates stocked configurations

NKL Series™ Knurled Body • Large Head • European Style

EUROPEAN STANDARD RIVET NUTS • HEAVYWALL RIVET NUTS

NKL SERIES

The RivetKing NKL Series is a heavywall European Style rivet nut. This robust design upgrades the thickness of both the body and the head height. The robust IRL series offers higher pullout resistance and increased endurance of the joint and assembly. The NKL series has a large head and a knurled body which resist spin out. Spin-pull tools are recommended for installation of NKL series rivet nuts.



NORM.	PART CODE	THREAD SIZE (INCH)	GRIP CODE	GRIP RANGE	L OVERALL LENGTH REF.	B HEAD DIA REF.	C HEAD HEIGHT REF.	D BODY DIA. REF.	M REF.	HOLE SIZE +.000/-.004
INCH ALL DIMENSIONS ARE IN INCHES	6C1NKL	6-32 UNC	#1	.020 - .080	0.384	0.295	0.039	0.197	0.236	0.201
	8C1NKL	8-32UNC	#1	.020 - .118	0.394	0.354	0.039	0.236	0.242	0.240
	8C2NKL	8-32UNC	#2	.118 - .196	0.482	0.354	0.039	0.236	0.274	0.240
	10F1NKL	10-32 UNF	#1	.020 - .118	0.512	0.394	0.039	0.276	0.297	0.280
	10F2NKL	10-32 UNF	#2	.118 - .217	0.591	0.394	0.039	0.276	0.258	0.280
	25C1NKL	1/4-20 UNC	#1	.020 - .118	0.571	0.512	0.059	0.354	0.329	0.358
	25C2NKL	1/4-20 UNC	#2	.118 - .217	0.650	0.512	0.059	0.354	0.337	0.358
	31C1NKL	5/16-18 UNC	#1	.020 - .118	0.650	0.630	0.059	0.433	0.439	0.437
	31C2NKL	5/16-18 UNC	#2	.118 - .217	0.728	0.630	0.059	0.433	0.447	0.437
	37C1NKL	3/8-16 UNC	#1	.039 - .138	0.906	0.748	0.079	0.512	0.549	0.516
	37C2NKL	3/8-16 UNC	#2	.138 - .236	0.965	0.748	0.079	0.512	0.679	0.516
METRIC ALL DIMENSIONS ARE IN MILLIMETERS (MM)	.30C1NKL	M3	#1	0.25 - 2.00	9.75	7.50	1.00	5.00	6.00	5.10
	.40C1NKL	M4	#1	0.25 - 3.00	10.00	9.00	1.00	6.00	6.15	6.10
	.40C2NKL	M4	#2	3.00 - 4.50	12.25	9.00	1.00	6.00	6.95	6.10
	.50C1NKL	M5	#1	0.25 - 3.00	13.00	10.00	1.00	7.00	7.55	7.10
	.50C2NKL	M5	#2	3.00 - 5.50	15.00	10.00	1.00	7.00	6.55	7.10
	.60C1NKL	M6	#1	0.25 - 3.00	14.50	13.00	1.50	9.00	8.35	9.10
	.60C2NKL	M6	#2	3.00 - 5.50	16.50	13.00	1.50	9.00	8.55	9.10
	.80C1NKL	M8	#1	0.25 - 3.00	16.50	16.00	1.50	11.00	11.15	11.10
	.80C2NKL	M8	#2	3.00 - 5.50	18.50	16.00	1.50	11.00	11.35	11.10
	.100C1NKL	M10	#1	0.50 - 3.50	23.00	19.00	2.00	13.00	13.95	13.10
	.100C2NKL	M10	#2	3.50 - 6.00	24.50	19.00	2.00	13.00	17.25	13.10

****LONGER GRIP RANGES AND CLOSED END PARTS ARE AVAILABLE UPON REQUEST****

THE PART NUMBER IS COMPLETE BY ADDING THE MATERIAL AND FINISH CODES AS A SUFFIX TO THE PART CODE:

MATERIAL/FINISH CODES:

SY = Steel, Zinc Yellow ROHS
SZ = Steel, Zinc Clear ROHS F
SC = Steel, Cad Yellow Plated

SZN = Steel, Zinc Nickel 800 Hours
3P = 300 Series S/S Plain Finish

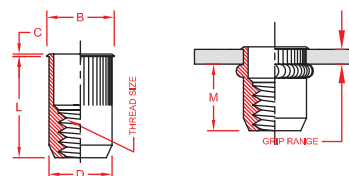
**SEE PAGE 28 FOR
PART NUMBER DETAILS**

NKR Series™ Knurled Body · Reduced Head · European Style

EUROPEAN STANDARD RIVET NUTS • HEAVYWALL RIVET NUTS

NKR SERIES

The RivetKing NKR Series is a heavywall European style rivet nut. This robust design upgrades the thickness of both the body. The NKR series offers higher pullout resistance and increased endurance of the joint and assembly. The NKR series has a reduced head and a knurled body which resist spin out. Spin-pull tools are recommended for installation of NKR series rivet nuts.



NORM.	PART CODE	THREAD SIZE (INCH)	GRIP CODE	GRIP RANGE	L OVERALL LENGTH REF.	B HEAD DIA REF.	C HEAD HEIGHT REF.	D BODY DIA. REF.	M REF.	HOLE SIZE +.000/- .004
INCH ALL DIMENSIONS ARE IN INCHES	6C1NKR	6-32 UNC	#1	.020 - .080	0.342	0.217	0.020	0.193	0.248	0.201
	8C1NKR	8-32UNC	#1	.020 - .118	0.409	0.276	0.020	0.232	0.252	0.240
	8C2NKR	8-32UNC	#2	.118 - .196	0.488	0.276	0.020	0.232	0.280	0.240
	10F1NKR	10-32 UNF	#1	.020 - .118	0.453	0.315	0.020	0.271	0.297	0.280
	10F2NKR	10-32 UNF	#2	.118 - .217	0.532	0.315	0.020	0.271	0.274	0.280
	25C1NKR	1/4-20 UNC	#1	.020 - .118	0.571	0.394	0.020	0.350	0.309	0.358
	25C2NKR	1/4-20 UNC	#2	.118 - .217	0.650	0.394	0.020	0.350	0.344	0.358
	31C1NKR	5/16-18 UNC	#1	.020 - .118	0.661	0.472	0.025	0.429	0.419	0.437
	31C2NKR	5/16-18 UNC	#2	.118 - .217	0.728	0.472	0.025	0.429	0.380	0.437
	37C1NKR	3/8-16 UNC	#1	.039 - .138	0.827	0.551	0.030	0.508	0.510	0.516
	37C2NKR	3/8-16 UNC	#2	.138 - .236	0.925	0.551	0.030	0.508	0.661	0.516
METRIC ALL DIMENSIONS ARE IN MILLIMETERS (MM)	PART CODE	THREAD SIZE (METRIC)	GRIP CODE	GRIP RANGE	L OVERALL LENGTH REF.	B HEAD DIA REF.	C HEAD HEIGHT REF.	D BODY DIA. REF.	M REF.	HOLE SIZE +.00/- .01
	.30C1NKR	M3	#1	0.25 - 2.00	8.70	5.50	0.51	5.00	6.30	5.10
	.40C1NKR	M4	#1	0.25 - 3.00	10.40	7.00	0.51	6.00	6.40	6.10
	.40C2NKR	M4	#2	3.00 - 4.50	12.40	7.00	0.51	6.00	7.10	6.10
	.50C1NKR	M5	#1	0.25 - 3.00	11.50	8.00	0.51	7.00	7.55	7.10
	.50C2NKR	M5	#2	3.00 - 5.50	11.50	8.00	0.51	7.00	6.95	7.10
	.60C1NKR	M6	#1	0.25 - 3.00	14.50	10.00	0.51	9.00	7.85	9.10
	.60C2NKR	M6	#2	3.00 - 5.50	16.50	10.00	0.51	9.00	8.75	9.10
	.80C1NKR	M8	#1	0.25 - 3.00	16.80	12.00	0.64	11.00	10.65	11.10
	.80C2NKR	M8	#2	3.00 - 5.50	18.50	12.00	0.64	11.00	9.65	11.10
	.100C1NKR	M10	#1	0.50 - 3.50	21.00	14.00	0.76	13.00	12.95	13.10
	.100C2NKR	M10	#2	3.50 - 6.00	23.50	14.00	0.76	13.00	16.80	13.10

****LONGER GRIP RANGES AND CLOSED END PARTS ARE AVAILABLE UPON REQUEST****

THE PART NUMBER IS COMPLETE BY ADDING THE MATERIAL AND FINISH CODES AS A SUFFIX TO THE PART CODE:

MATERIAL/FINISH CODES:

SY = Steel, Zinc Yellow ROHS
SZ = Steel, Zinc Clear ROHS T
SC = Steel, Cad Yellow Plated

SZN = Steel, Zinc Nickel 800 Hours
3P = 300 Series S/S Plain Finish

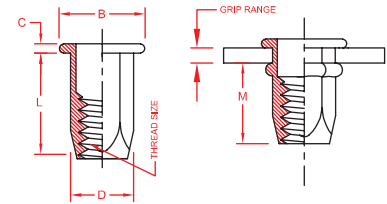
**SEE PAGE 28 FOR
PART NUMBER DETAILS**

NHL Series™ Full Hex Body • Large Head • European Style

EUROPEAN STANDARD RIVET NUTS • HEAVYWALL RIVET NUTS

NHL SERIES

The RivetKing NHL Series is a heavywall European style rivet nut. This robust design upgrades the thickness of both the body and the head height which provides higher pullout resistance and increased endurance of the joint and assembly. NHL series has a large head and a full hex shaped body which resist spin out. Spin-pull tools are recommended for installation of NHL series rivet nuts.



NORM.	PART CODE	THREAD SIZE (INCH)	GRIP CODE	GRIP RANGE	L OVERALL LENGTH REF.	B HEAD DIAMETER REF.	C HEAD HEIGHT REF.	D BODY DIA ACROSS FLATS REF.	M REF.	HOLE SIZE ACROSS FLATS +.000/- .004
INCH ALL DIMENSIONS ARE IN INCHES	8C1NHL	8-32UNC	#1	.020 - .118	0.394	0.354	0.039	0.236	0.234	0.240
	10F1NHL	10-32 UNF	#1	.020 - .118	0.512	0.394	0.039	0.276	0.260	0.280
	25C1NHL	1/4-20 UNC	#1	.020 - .118	0.571	0.512	0.059	0.354	0.368	0.358
	25C2NHL	1/4-20 UNC	#2	.118 - .217	0.650	0.512	0.059	0.354	0.370	0.358
	31C1NHL	5/16-18 UNC	#1	.020 - .118	0.650	0.630	0.059	0.433	0.419	0.437
	31C2NHL	5/16-18 UNC	#2	.118 - .217	0.768	0.630	0.059	0.433	0.421	0.437
	37C1NHL	3/8-16 UNC	#1	.039 - .138	0.827	0.748	0.079	0.512	0.470	0.516
METRIC ALL DIMENSIONS ARE IN MILLIMETERS (MM)	PART CODE	THREAD SIZE (METRIC)	GRIP CODE	GRIP RANGE	L OVERALL LENGTH REF.	B HEAD DIAMETER REF.	C HEAD HEIGHT REF.	D BODY DIA ACROSS FLATS REF.	M REF.	HOLE SIZE ACROSS FLATS +.00/- .01
	.40C1NHL	M4	#1	0.25 - 3.00	10.00	9.00	1.00	6.00	5.95	6.10
	.50C1NHL	M5	#1	0.25 - 3.00	13.00	10.00	1.00	7.00	6.60	7.10
	.60C1NHL	M6	#1	0.25 - 3.00	14.50	13.00	1.50	9.00	9.35	9.10
	.60C2NHL	M6	#2	3.00 - 5.50	16.50	13.00	1.50	9.00	9.40	9.10
	.80C1NHL	M8	#1	0.25 - 3.00	16.50	16.00	1.50	11.00	10.65	11.10
	.80C2NHL	M8	#2	3.00 - 5.50	19.50	16.00	1.50	11.00	10.70	11.10
	.100C1NHL	M10	#1	0.50 - 3.50	21.00	19.00	2.00	13.00	11.95	13.10

****LONGER GRIP RANGES AND CLOSED END PARTS ARE AVAILABLE UPON REQUEST****

THE PART NUMBER IS COMPLETE BY ADDING THE MATERIAL AND FINISH CODES AS A SUFFIX TO THE PART CODE:

MATERIAL/FINISH CODES:

SY = Steel, Zinc Yellow ROHS
SZ = Steel, Zinc Clear ROHS F

SZN = Steel, Zinc Nickel 800 Hours
3P = 300 Series S/S Plain Finish

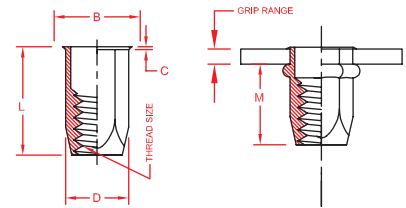
**SEE PAGE 28 FOR
PART NUMBER DETAILS**

NHR Series™ Full Hex Body · Reduced Head · European Style

EUROPEAN STANDARD RIVET NUTS • HEAVYWALL RIVET NUTS

NHR SERIES

The RivetKing NHR Series is a heavywall European style rivet nut. This robust design upgrades the thickness of both the body which provides increased endurance of the joint and assembly. NHR series has a reduced head and a full hex shaped body which resist spin out. Spin-pull tools are recommended for installation of NHR series rivet nuts.



NORM.	PART CODE	THREAD SIZE (INCH)	GRIP CODE	GRIP RANGE	L OVERALL LENGTH REF.	B HEAD DIAMETER REF.	C HEAD HEIGHT REF.	D BODY DIA ACROSS FLATS REF.	M REF.	HOLE SIZE ACROSS FLATS +.000/- .004
INCH ALL DIMENTIONS ARE IN INCHES	8C1NHR	8-32UNC	#1	.020 - .118	0.394	0.260	0.012	0.236	0.256	0.240
	10F1NHR	10-32 UNF	#1	.020 - .118	0.512	0.303	0.016	0.276	0.319	0.280
	25C1NHR	1/4-20 UNC	#1	.020 - .118	0.571	0.386	0.016	0.354	0.368	0.358
	25C2NHR	1/4-20 UNC	#2	.118 - .217	0.650	0.465	0.016	0.354	0.350	0.358
	31C1NHR	5/16-18 UNC	#1	.020 - .118	0.650	0.465	0.016	0.433	0.421	0.437
	31C2NHR	5/16-18 UNC	#2	.118 - .217	0.768	0.551	0.016	0.433	0.382	0.437
	37C1NHR	3/8-16 UNC	#1	.039 - .138	0.827	0.551	0.024	0.512	0.486	0.516
METRIC ALL DIMENTIONS ARE IN MILLIMETERS (MM)	PART CODE	THREAD SIZE (METRIC)	GRIP CODE	GRIP RANGE	L OVERALL LENGTH REF.	B HEAD DIAMETER REF.	C HEAD HEIGHT REF.	D BODY DIA ACROSS FLATS REF.	M REF.	HOLE SIZE ACROSS FLATS +.00/- .01
	.40C1NHR	M4	#1	0.25 - 3.00	10.00	6.60	0.30	6.00	6.50	6.10
	.50C1NHR	M5	#1	0.25 - 3.00	13.00	7.70	0.40	7.00	8.10	7.10
	.60C1NHR	M6	#1	0.25 - 3.00	14.50	9.80	0.40	9.00	9.35	9.10
	.60C2NHR	M6	#2	3.00 - 5.50	16.50	11.80	0.40	9.00	8.90	9.10
	.80C1NHR	M8	#1	0.25 - 3.00	16.50	11.80	0.40	11.00	10.70	11.10
	.80C2NHR	M8	#2	3.00 - 5.50	19.50	14.00	0.40	11.00	9.70	11.10
	.100C1NHR	M10	#1	0.50 - 3.50	21.00	14.00	0.60	13.00	12.35	13.10

****LONGER GRIP RANGES AND CLOSED END PARTS ARE AVAILABLE UPON REQUEST****

THE PART NUMBER IS COMPLETE BY ADDING THE MATERIAL AND FINISH CODES AS A SUFFIX TO THE PART CODE:

MATERIAL/FINISH CODES:

SY = Steel, Zinc Yellow ROHS
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SC = Steel, Cad Yellow Plated

SZN = Steel, Zinc Nickel 800 Hours
3P = 300 Series S/S Plain Finish

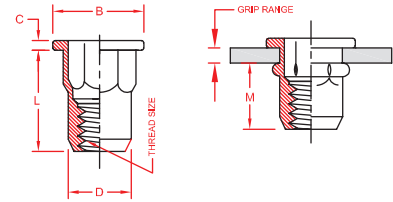
**SEE PAGE 28 FOR
PART NUMBER DETAILS**

NHHL Series™ Half Hex Body · Large Head · European Style

EUROPEAN STANDARD RIVET NUTS • HEAVYWALL RIVET NUTS

NHHL SERIES

The RivetKing NHHL Series is a heavywall European Style Rivetnut. This robust design upgrades the thickness of both the body and the head height which provides higher pullout resistance and increased endurance of the joint and assembly. NHHL series has a large head and a half hex shaped body which resist spin out. Spin-Pull tools are recommended for installation of NHHL series rivetnuts.



NORM.	PART CODE	THREAD SIZE (INCH)	GRIP CODE	GRIP RANGE	L OVERALL LENGTH REF.	B HEAD DIAMETER REF.	C HEAD HEIGHT REF.	D BODY DIA ACROSS FLATS REF.	M REF.	HOLE SIZE ACROSS FLATS +.000/- .004
INCH ALL DIMENSIONS ARE IN INCHES	8C1NHHL	8-32UNC	#1	.020 - .118	0.394	0.354	0.039	0.236	0.246	0.240
	10F1NHHL	10-32 UNF	#1	.020 - .118	0.512	0.394	0.039	0.276	0.295	0.280
	25C1NHHL	1/4-20 UNC	#1	.020 - .118	0.571	0.512	0.059	0.354	0.309	0.358
	25C2NHHL	1/4-20 UNC	#2	.118 - .217	0.650	0.512	0.059	0.354	0.343	0.358
	31C1NHHL	5/16-18 UNC	#1	.020 - .118	0.650	0.630	0.059	0.433	0.441	0.437
	31C2NHHL	5/16-18 UNC	#2	.118 - .217	0.768	0.630	0.059	0.433	0.447	0.437
	37C1NHHL	3/8-16 UNC	#1	.039 - .138	0.827	0.748	0.079	0.512	0.461	0.516
METRIC ALL DIMENSIONS ARE IN MILLIMETERS (MM)	PART CODE	THREAD SIZE (METRIC)	GRIP CODE	GRIP RANGE	L OVERALL LENGTH REF.	B HEAD DIAMETER REF.	C HEAD HEIGHT REF.	D BODY DIA ACROSS FLATS REF.	M REF.	HOLE SIZE ACROSS FLATS +.00/- .01
	.40C1NHHL	M4	#1	0.25 - 3.00	10.00	9.00	1.00	6.00	6.25	6.10
	.50C1NHHL	M5	#1	0.25 - 3.00	13.00	10.00	1.00	7.00	7.50	7.10
	.60C1NHHL	M6	#1	0.25 - 3.00	14.50	13.00	1.50	9.00	7.85	9.10
	.60C2NHHL	M6	#2	3.00 - 5.50	16.50	13.00	1.50	9.00	8.70	9.10
	.80C1NHHL	M8	#1	0.25 - 3.00	16.50	16.00	1.50	11.00	11.20	11.10
	.80C2NHHL	M8	#2	3.00 - 5.50	19.50	16.00	1.50	11.00	11.35	11.10
	.100C1NHHL	M10	#1	0.50 - 3.50	21.00	19.00	2.00	13.00	11.70	13.10

****LONGER GRIP RANGES AND CLOSED END PARTS ARE AVAILABLE UPON REQUEST****

THE PART NUMBER IS COMPLETE BY ADDING THE MATERIAL AND FINISH CODES AS A SUFFIX TO THE PART CODE:

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SZN = Steel, Zinc Nickel 800 Hours
3P = 300 Series S/S Plain Finish

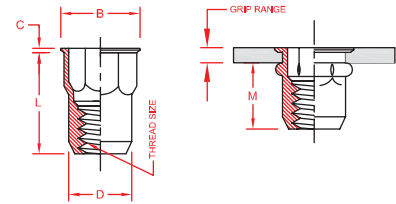
**SEE PAGE 28 FOR
PART NUMBER DETAILS**

NHHR Series™ Half Hex Body · Reduced Head · European Style

EUROPEAN STANDARD RIVET NUTS • HEAVYWALL RIVET NUTS

NHHR SERIES

The RivetKing NHHR Series is a heavywall European style rivet nut. This robust design upgrades the thickness of both the body which provides increased endurance of the joint and assembly. NHHR series has a reduced head and a half hex shaped body which resist spin out. Spin-pull tools are recommended for installation of NHHR series rivet nuts.



NORM.	PART CODE	THREAD SIZE (INCH)	GRIP CODE	GRIP RANGE	L OVERALL LENGTH REF.	B HEAD DIAMETER REF.	C HEAD HEIGHT REF.	D BODY DIA ACROSS FLATS REF.	M REF.	HOLE SIZE ACROSS FLATS +.000/- .004
INCH ALL DIMENTIONS ARE IN INCHES	8C1NHHR	8-32UNC	#1	.020 - .118	0.394	0.260	0.012	0.236	0.256	0.240
	10F1NHHR	10-32 UNF	#1	.020 - .118	0.512	0.303	0.016	0.276	0.297	0.280
	25C1NHHR	1/4-20 UNC	#1	.020 - .118	0.571	0.386	0.016	0.354	0.311	0.358
	25C2NHHR	1/4-20 UNC	#2	.118 - .217	0.650	0.465	0.016	0.354	0.341	0.358
	31C1NHHR	5/16-18 UNC	#1	.020 - .118	0.650	0.465	0.016	0.433	0.415	0.437
	31C2NHHR	5/16-18 UNC	#2	.118 - .217	0.768	0.551	0.016	0.433	0.380	0.437
	37C1NHHR	3/8-16 UNC	#1	.039 - .138	0.827	0.551	0.024	0.512	0.488	0.516
METRIC ALL DIMENTIONS ARE IN MILLIMETERS (MM)	PART CODE	THREAD SIZE (METRIC)	GRIP CODE	GRIP RANGE	L OVERALL LENGTH REF.	B HEAD DIAMETER REF.	C HEAD HEIGHT REF.	D BODY DIA ACROSS FLATS REF.	M REF.	HOLE SIZE ACROSS FLATS +.00/- .01
	.40C1NHHR	M4	#1	0.25 - 3.00	10.00	6.60	0.30	6.00	6.50	6.10
	.50C1NHHR	M5	#1	0.25 - 3.00	13.00	7.70	0.40	7.00	7.55	7.10
	.60C1NHHR	M6	#1	0.25 - 3.00	14.50	9.80	0.40	9.00	7.90	9.10
	.60C2NHHR	M6	#2	3.00 - 5.50	16.50	11.80	0.40	9.00	8.65	9.10
	.80C1NHHR	M8	#1	0.25 - 3.00	16.50	11.80	0.40	11.00	10.55	11.10
	.80C2NHHR	M8	#2	3.00 - 5.50	19.50	14.00	0.40	11.00	9.65	11.10
	.100C1NHHR	M10	#1	0.50 - 3.50	21.00	14.00	0.60	13.00	12.40	13.10

****LONGER GRIP RANGES AND CLOSED END PARTS ARE AVAILABLE UPON REQUEST****

THE PART NUMBER IS COMPLETE BY ADDING THE MATERIAL AND FINISH CODES AS A SUFFIX TO THE PART CODE:

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SZN = Steel, Zinc Nickel 800 Hours
3P = 300 Series S/S Plain Finish

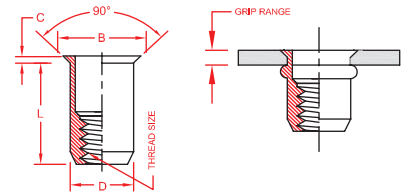
**SEE PAGE 28 FOR
PART NUMBER DETAILS**

NKC Series™ Countersunk Head · Knurled Body · European Style

EUROPEAN STANDARD RIVET NUTS • HEAVYWALL RIVET NUTS

NKC SERIES

The RivetKing NKC Series is a heavywall/thickwall rivet nut. This robust design upgrades the thickness of both the body and the head height. Additionally it features a thick countersunk head for high strength and flush installation. The robust NKC series offers higher pullout resistance and increased endurance of the joint and assembly. Spin-pull tools are recommended for installation of NKC series rivet nuts.



NORM.	PART CODE	THREAD SIZE (METRIC)	GRIP CODE	GRIP RANGE	L LENGTH REF.	B HEAD DIA REF.	C HEAD HEIGHT REF.	D BODY DIA. REF.	HOLE SIZE +0.00-0.01
METRIC ALL DIMENSIONS ARE IN MILLIMETERS (MM)	.40C1NKC	M4	#1	1.00 - 3.00	9.50	9.00	1.00	6.00	6.10
	.50C1NKC	M5	#1	1.50 - 4.00	12.00	10.00	1.00	7.00	7.10
	.60C1NKC	M6	#1	1.50 - 4.00	14.50	13.00	1.50	9.00	9.10
	.80C1NKC	M8	#1	1.50 - 4.00	25.00	23.00	2.00	16.00	16.10

THE PART NUMBER IS COMPLETE BY ADDING THE MATERIAL AND FINISH CODES AS A SUFFIX TO THE PART CODE:

MATERIAL/FINISH CODES:

SY = Steel, Zinc Yellow ROHS
SZ = Steel, Zinc Clear ROHS

SZN = Steel, Zinc Nickel 800 Hours

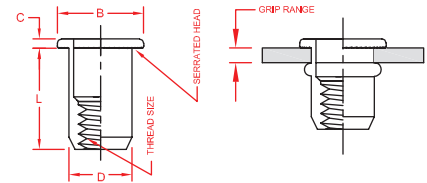
**SEE PAGE 28 FOR
PART NUMBER DETAILS**

NSL Series™ Serrated Large Head · Smooth Body · European Style

EUROPEAN STANDARD RIVET NUTS • HEAVYWALL RIVET NUTS

NSL SERIES

The RivetKing NSL Series is a heavywall/thickwall Rivetnut. This robust design upgrades the thickness of both the body and the head height. Additionally it features a serrated head which reduces the possibility of spin out. The robust NSL series offers higher pullout resistance and increased endurance of the joint and assembly. Spin-Pull tools are recommended for installation of NSL series rivetnuts.



NORM.	PART CODE	THREAD SIZE (METRIC)	GRIP CODE	GRIP RANGE	L LENGTH REF.	B HEAD DIA REF.	C HEAD HEIGHT REF.	D BODY DIA. REF.	HOLE SIZE +0.00-0.01
METRIC ALL DIMENSIONS ARE IN MILLIMETERS (MM)	.40C1NSL	M4	#1	0.25 - 3.00	9.50	9.00	1.00	6.00	6.10
	.40C2NSL	M4	#2	3.00 - 4.50	12.25	9.00	1.00	6.00	6.10
	.50C1NSL	M5	#1	0.25 - 3.00	12.00	10.00	1.00	7.00	7.10
	.50C2NSL	M5	#2	3.00 - 5.50	15.00	10.00	1.00	7.00	7.10
	.60C1NSL	M6	#1	0.50 - 3.00	14.50	13.00	1.50	9.00	9.10
	.60C2NSL	M6	#2	3.00 - 5.50	16.50	13.00	1.50	9.00	9.10
	.80C1NSL	M8	#1	0.50 - 3.00	16.50	16.00	1.50	11.00	11.10
	.80C2NSL	M8	#2	3.00 - 5.50	18.50	16.00	1.50	11.00	11.10
	.100C1NSL	M10	#1	1.00 - 3.50	17.50	16.00	1.70	12.00	12.10
	.120C1NSL	M12	#1	1.00 - 4.00	25.00	23.00	2.00	16.00	16.10

THE PART NUMBER IS COMPLETE BY ADDING THE MATERIAL AND FINISH CODES AS A SUFFIX TO THE PART CODE:

MATERIAL/FINISH CODES:

SY = Steel, Zinc Yellow ROHS
SZ = Steel, Zinc Clear ROHS F

SZN = Steel, Zinc Nickel 800 Hours

**SEE PAGE 28 FOR
PART NUMBER DETAILS**

FREESET™ – FAST, CORDLESS, INTELLIGENT RIVETING TOOLS

FreeSet® is a ground breaking technology which offers the freedom of battery operated tools and combines it with smart technologies to provide an interactive riveting experience.

Its concept is simple: Add intelligence to a high performance tool, with a renewable energy source and you arrive with the technology of FreeSet. FreeSet is a tool offered in a variety of configurations which can meet and exceed the needs of its users. Whether operating without access to a compressor, de-cluttering work cells, or incorporating error-proofing strategies in the production line, FreeSet can be configured to solve nearly any assembly problem.

FreeSet Technology can be used to apply rivet nuts & rivet studs.

RK-787C-3 Models:

The PRO version error proofing features are robust, providing both visual and audible OK/NO-OK indicators via the multi color display.

The force sensor can detect variations in setting force as well as the actual grip. The results of which can either be stored in the tool memory card, or exported by USB to EXCEL to review the force curves.

A barcode reader can be added for quick and easy program recall and tool setup.

For advanced users, a WIFI connection can be opened and the tool can communicate with PLC for additional controls.

This tool is ECO Friendly and considered a Green technology as the battery life is managed by the tools microprocessor and the smart charger. This extends battery life for years. In addition, this tool can be used in calculations to reduce your CO2 foot print.



VERSIONS

ALL VERSIONS:

- 18v
- High Power Brushless Motor
- Work Light
- Maintenance Management System
- Maintenance Interval Alarm/Buzzer

RK-787C-1 - OPTIMIZED FOR ECONOMY - PULL TO STROKE

- Stroke is Adjusted by OLED Display
- Maintenance Management via Limited Version of FreeSet Manager Software

RK-787C-1F - OPTIMIZED FOR MANDREL LIFE - PULL TO FORCE (TABLE)

- Pull Force is Adjusted to Incremental Value by the OLED Display
- Using Pull to Force Minimizes Mandrel Wear
- Maintenance Management via Limited Version of FreeSet Manager Software

RK-787C-3* - OPTIMIZED FOR PROCESS MONITORING - PULL TO FORCE/STROKE

- Full Version of FreeSet Manager Includes All Features Above
- Process Monitoring and Error-Proofing Features
- Barcode Reader (Accessory)
- WIFI for External Communication to External Controller (Accessory)
- Maintenance Management via Limited Version of FreeSet Manager Software

FREESET® BENEFITS

SAFER WORK ENVIRONMENT

- Eliminate Trip Hazards
- Improved Ergonomics, No Cable to Drag Around
- Improved Air Quality, Eliminating Oil Emitted from the Air

REDUCE MANUFACTURING COSTS

- Quick Draw Technology Drastically Increases Tool Speed
- Cordless Tools Use 99% Less Energy than Air Tools
- No Pressure Drops Caused by Compressors
- No Maintenance of Oilers
- No More Supply Line Leaks
- Portable and Can Be Repurposed
- Eco/Green Friendly - Reduces CO2 Footprint

QUALITY ASSURANCE

- Electronically Controlled Installation
- Increase Operator Awareness

RK-787C-3 MODELS ONLY:

- Monitor and Error-Proof the Process
- Measure the Installed Values
- Increase Quality and Engineering Department Awareness
- Identify Problems with Fasteners, Personnel, or the Installation
- Datalog and Communicate with External Systems

RK-787C FOR RIVET NUTS AND RIVET STUDS

MODELS:

- | | |
|------------|-----------------------------|
| RK-787C-1 | PULL TO STROKE |
| RK-787C-1F | PULL TO FORCE - TABLE VALUE |
| RK-787C-3* | PULL TO FORCE OR STROKE |

CONFIGURATION:

- 1 = Optimized for Economy
1F = Optimized for Mandrel Life
3* = Optimized for:
- Process Monitoring
 - Error-Proofing
 - External Communication
 - Mandrel Life



INCLUDES:

- Fast Mandrel Exchange System
- FreeSet Manager Software
- OLED Display
- USB

CAPACITY:

- 3/8" Thinwall Inserts Max.
- 5,000 lbs Max Force

OPTIONS & ACCESSORIES*:

- Barcode Scanner* (2d/3d/QR)
- Wifi Communication* (2.4ghz, 5.0 Ghz)
- Pass/Fail Controller* (PLC, 24v)
- Datalogging Controller* (PLC/24v, PROFIBUS, PROFINET)
- Mandrels and Rivet Stud Adapters
- Battery (2.5, 5.0, 7.5ah)
- Charger
- Multi Charger

Rivet Nut Tools - High Performance

PNEUDRAULIC SPIN-PULL TOOLS FOR RIVET NUTS

SPIN-PULL TO PRESSURE - PERFORMANCE AND VERSATILITY

The RK-50SP and RK-51SP are proven and cost effective alternatives to spin-spin models. With Pneudraulic technology, you can apply rivet nuts with speed and consistency improving overall quality of the riveted components. The RK-51SP utilizes the same nose pieces as the RK-55SPS and RK-59 SPS.



RK-50-SP	1/2" MAX M12 MAX
RK-51-SP	1/2" MAX M12 MAX

Power: 6,565 lbsF
Stroke: .276"
Weight: 5.5 lbs



SPIN-PULL TO STROKE - LIGHTWEIGHT, POWERFUL AND ERGONOMIC

The RK-55SPs has the highest force to weight ratio in its class. Powerful, yet extremely lightweight, it is ideal for production lines where repetitive motion is of concern. The tools shell is well protected to prevent damage from accidental droppage. 360° degree air Inlet is well suited for right handed or left handed users.



RK-55-SPS	1/4" MAX M6 MAX
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Power: 4,158 lbsF
Stroke: .276"
Weight: 3.3 lbs



SPIN-PULL TO STROKE RIVET NUT TOOLS

LIGHTWEIGHT AND HIGH PULL FORCE

360 degree air inlet is well suited for right or left handed users.



RK-59-SPS	1/2-13" MAX M12 MAX
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Power: 6,158 lbsF
Stroke: .276"
Weight: 4.5 lbs



SPIN-SPIN RIVET NUT TOOLS

ECONOMIC AND LIGHT WEIGHT

The 2 stage rocker trigger design is unique and the clamshell housing allows for easy access and repair. Rivet nut is installed with Torque.



MODEL#	CAPACITY
RK-1500-Q	#6-32, #8-32, #10-32 (M3, M4, M5)
RK-500-Q	1/4-20", 5/16-18" (M6, M8)
RK-280	3/8-16", 1/2-13" (M10, M12)

1 Nose Piece Included With Tool



Rivet Nut Tools - Manual

MANUAL RIVET NUT TOOLS

RK-100 RIVET NUT TOOLS

PART NUMBER	DESCRIPTION
RK100	BOX PACKAGING
RK100-AK	KIT W/ALUMINUM RIVETS
RK100-SK	KIT W/STEEL RIVETS
RK100-3K	KIT W/STAINLESS RIVETS

RK-100	1/4-20" 6MM MAX.
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RK-22	6-32"~1/2-13" M3 ~ M12
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RATCHET



RK-23	6-32"~5/16-18" M3 ~ M8
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RK-24	6-32"~1/2-13" M3 ~ M12
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RK-28C	6-32"~1/2-13" M3 ~ M12
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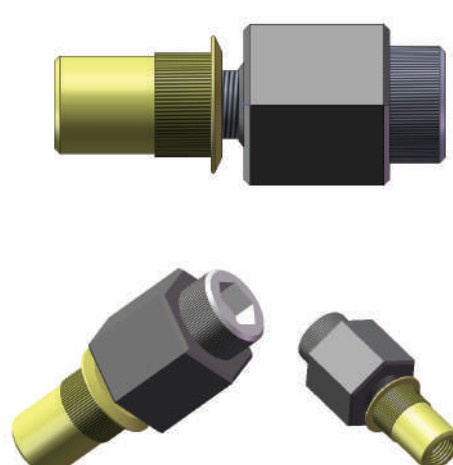
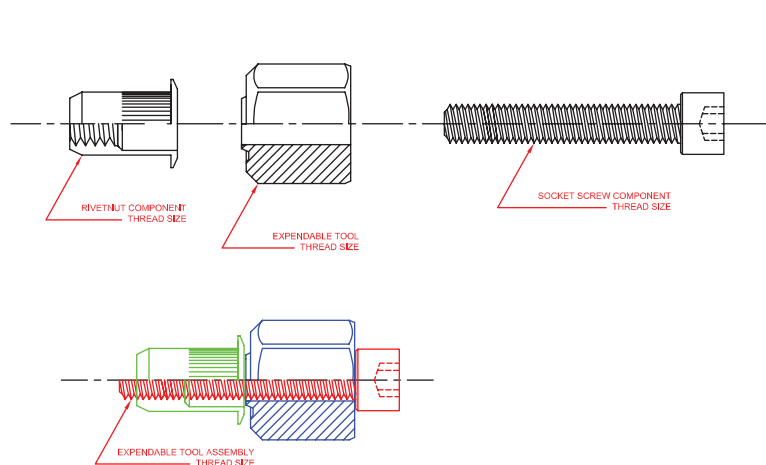
CN12	1/4-20" MAX.
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Expendable (Throw Away)

RIVET NUT INSTALLATION TOOL

IRL SERIES



NORM.	COMPLETE ASSEMBLY PART#	THREAD SIZE (INCH)	SCREW PART#	EXPENDABLE TOOL PART#	WRENCH SIZE	SOCKET SIZE
INCH ALL DIMENSIONS ARE IN INCHES	AA184-632	6-32 UNC	6C-KCS	AA184-3	9/16"	7/64"
	AA184-832	8-32 UNC	8C-KCS	AA184-4	9/16"	9/64"
	AA184-1024	10-24 UNC	10C-KCS	AA184-5	9/16"	5/32"
	AA184-1032	10-32 UNF	10F-KCS	AA184-5	9/16"	5/32"
	AA184-1420	1/4-20 UNC	25C-KCS	AA184-6	9/16"	3/16"
	AA184-51618	5/16-18 UNC	31C-KCS	AA184-8	9/16"	1/4"
	AA184-51624	5/16-24 UNF	31F-KCS	AA184-8	9/16"	1/4"
	AA184-3816	3/8-16 UNC	37C-KCS	AA184-10	9/16"	5/16"
	AA184-3824	3/8-24 UNF	37F-KCS	AA184-10	9/16"	5/16"

METRIC ALL DIMENSIONS ARE IN MILLIMETERS (MM)	AA184-M3	M3	.30C-KCS	AA184-3	9/16"	2.5MM
	AA184-M4	M4	.40C-KCS	AA184-4	9/16"	3.0MM
	AA184-M5	M5	.50C-KCS	AA184-5	9/16"	4.00MM
	AA184-M6	M6	.60C-KCS	AA184-6	9/16"	5.00MM
	AA184-M8	M8	.80C-KCS	AA184-8	9/16"	6.00MM
	AA184-M10	M10	.100C-LCS	AA184-10	9/16"	8.00MM

Part Numbering Guide

THIS CODING SYSTEM REFERS TO ALL PARTS EXCEPT THE JF AND THE JK SERIES

25	C	1	IKF	S	Y	CE

CROSS REFERENCE TABLE by part number

RIVETKING®	AVK	ATLAS®	MARSON®	SHEREX
6C1IKFSY	ALS4-632-80	AELS8-632-80	57310	CAL2-0632-080
6C2IKFSY	ALS4-632-130	AELS8-632-130	57312	CAL2-0632-130
8C1IKFSY	ALS4-832-80	AELS8-832-80	57320	CAL2-0832-080
8C2IKFSY	ALS4-832-130	AELS8-832-130	57321	CAL2-0832-130
10C1IKFSY	ALS4-1024-130	AELS8-1024-130	57330	CAL2-1024-130
10C2IKFSY	ALS4-1024-225	AELS8-1024-225	57332	CAL2-1024-225
10F1IKFSY	ALS4-1032-130	AELS8-1032-130	57340	CAL2-1032-130
10F2IKFSY	ALS4-1032-225	AELS8-1032-225	57342	CAL2-1032-225
25C1IKFSY	ALS4-420-165	AELS8-420-165	57350	CAL2-2520-165
25C2IKFSY	ALS4-420-260	AELS8-420-260	57354	CAL2-2520-260
25F1IKFSY	ALS4-428-165	AELS8-428-165		CAL2-2528-165
25F2IKFDY	ALS4-428-260	AELS8-428-260		CAL2-2528-260
31C1IKFSY	ALS4-518-150	AELS8-518-150	57371	CAL2-3118-150
31C2IKFSY	ALS4-518-312	AELS8-518-312	57374	CAL2-3118-312
31F1IKFSY	ALS4-524-150	AELS8-524-150		CAL2-3124-150
31F2IKFSY	ALS4-524-312	AELS8-524-312		CAL2-3124-312
37C1IKFSY	ALS4-616-150	AELS8-616-150	57381	CAL2-3716-150
37C2IKFSY	ALS4-616-312	AELS8-616-312	57382	CAL2-3716-312
37F1IKFSY	ALS4-616-150	AELS8-624-150		CAL2-3724-150
37F2IKFSY	ALS4-616-312	AELS8-624-312		CAL2-3724-312
50C1IKFSY	ALS4-813-200	AELS8-813-200		CAL2-5013-200
50C2IKFSY	ALS4-813-350	AELS-813-350		CAL2-5013-350
50C3IKFSY	ALS4-813-500	AELS-813-500		
.40C1IKFSY	ALS4-470-2.0	AELS8-470-2.0		CAL2-470-2.2
.40C2IKFSY	ALS4-470-3.3	AELS8-470-3.3		CAL2-470-3.3
.50C1IKFSY	ALS4-580-3.3	AELS8-580-3.3		CAL2-580-3.3
.50C2IKFSY	ALS4-580-5.7	AELS8-580-5.7		CAL2-580-5.7
.60C1IKFSY	ALS4-610-4.2	AELS8-610-4.2		CAL2-610-4.2
.60C2IKFSY	ALS4-610-6.6	AELS8-610-6.6		CAL2-610-6.6
.80C1IKFSY	ALS4-8125-3.8	AELS8-8125-3.8		CAL2-8125-3.8
.80C2IKFSY	ALS4-8125-7.9	AELS8-8125-7.9		CAL2-8125-7.9
.100C1IKFSY	ALS4-1015-3.8	AELS8-1015-3.8		CAL2-1015-3.8
.100C2IKFSY	ALS4-1015-7.9	AELS8-1015-7.9		CAL2-1015-7.9
6C1IKRSY	AKS4-632-080	AEKS8-632-80	56810	CAK2-0632-080
6C2IKRSY	AKS4-632-130	AEKS8-632-130	56812	CAK2-0632-130
8C1IKRSY	AKS4-832-080	AEKS8-832-080	56820	CAK2-0832-080
8C2IKRSY	AKS4-832-130	AEKS8-832-130	56821	CAK2-0832-130
10C1IKRSY	AKS4-1024-130	AEKS-81024-130	56830	CAK2-1024-130
10C2IKRSY	AKS4-1024-225	AELS8-1024-225	56832	CAK2-1024-225
10F1IKRSY	AKS4-1032-130	AEKS8-1032-130	56840	CAK2-1032-130
10F2IKRSY	AKS4-1032-225	AEKS8-1032-225	56842	CAK2-1032-225
25C1IKRSY	AKS4-420-165	AEKS8-420-165	56850	CAK2-2520-165
25C2IKRSY	AKS4-420-260	AEKS8-420-260	56854	CAK2-2520-260
25F1IKRSY	AKS4-428-165	AEKS8-428-165		CAK2-2528-165
25F2IKRSY	AKS4-428-260	AEKS8-428-260		CAK2-2528-260
31C1IKRSY	AKS4-518-150	AEKS8-518-150	56871	CAK2-3118-150
31C2IKRSY	AKS4-518-312	AEKS8-518-312	56874	CAK2-3118-312
31F1IKRSY	AKS4-524-150	AEKS8-524-150		CAK2-3124-150
31F2IKRSY	AKS4-524-312	AEKS8-524-312		CAK2-3124-312
37C1IKRSY	AKS4-616-150	AEKS8-616-150	56881	CAK2-3716-150
37C2IKRSY	AKS4-616-312	AEKS8-616-312	56882	CAK2-3716-312
37F1IKRSY	AKS4-624-150	AEKS8-624-1540		CAK2-3724-150
37F2IKRSY	AKS4-624-312	AEKS8-624-312		CAK2-3724-312
.40C1IKRSY	AKS4-470-2.0	AEKS8-470-2.0		CAK2-470-2.0
.40C2IKRSY	AKS4-470-3.3	AEKS8-470-3.3		CAK2-470-3.3
.50C1IKRSY	AKS4-580-3.3	AEKS8-580-3.3		CAK2-580-3.3
.50C2IKRSY	AKS4-580-5.7	AEKS8-580-5.7		CAK2-580-5.7
.60C1IKRSY	AKS4-610-4.2	AEKS8-610-4.2		CAK2-610-4.2
.60C2IKRSY	AKS4-610-6.6	AEKS8-610-6.6		CAK2-610-6.6
.80C1IKRSY	AKS4-8125-3.8	AEKS8-8125-3.8		CAK2-8125-3.8
.80C2IKRSY	AKS4-8125-7.9	AEKS8-8125-7.9		CAK2-8125-7.9
.100C1IKRSY	AKS4-1015-3.8	AEKS8-1015-3.8		CAK2-1015-3.8
.100C2IKRSY	AKS4-1015-7.9	AEKS8-1015-7.9		CAK2-1015-7.9
4C1IRLSZ	RNS-440-60	AES440-60ZNR		CA-0440S-060
4C2IRLSZ	RNS-440-85	AES440-85ZNR		CA-0440S-085
4C3IRLSZ	RNS-440-110	AES440-110ZNR		CA-0440S-110
6C1IRLSZ	RNS-632-75	AES632-75ZNR	57110	CA-0632S-075
6C2IRLSZ	RNS-632-120	AES632-120ZNR		CA-0632S-120
6C3IRLSZ	RNS-632-160	AES632-160ZNR		CA-0632S-160
8C1IRLSZ	RNS-832-75	AES832-75ZNR	57120	CA-0832S-075
8C2IRLSZ	RNS-832-120	AES832-120ZNR	57121	CA-0832S-120
8C3IRLSZ	RNS-832-160	AES832-160ZNR		CA-0832S-160
10C1IRLSZ		AES1024-80ZNR	57130	CA-1024S-080
10C2IRLSZ		AES1024-130ZNR	57132	CA-1024S-130
10C3IRLSZ		AES1024-180ZNR		CA-1024S-180
10F1IRLSZ	RNS-1032-80	AES1032-80ZNR	57140	CA-1032S-080
10F2IRLSZ	RNS-1032-130	AES1032-130ZNR	57142	CA-1032S-130
10F3IRLSZ	RNS-1032-180	AES1032-180ZNR		CA-1032S-180
25C1IRLSZ	RNS-420-80	AES420-80ZNR	57150	CA-2520S-080
25C2IRLSZ	RNS-420-140	AES420-140ZNR	57152	CA-2520S-140
25C3IRLSZ	RNS-420-200	AES420-200ZNR	57154	CA-2520S-200
31C1IRLSZ	RNS-518-125	AES518-125ZNR	57171	CA-3118S-125
31C2IRLSZ	RNS-518-200	AES518-200ZNR	57174	CA-3118S-200
31C3IRLSZ	RNS-518-275	AES518-275ZNR		CA-3118S-275
37C1IRLSZ	RNS-616-115	AES616-115ZNR	57181	CA-3716S-115
37C2IRLSZ	RNS-616-200	AES616-200ZNR	57184	CA-3716S-200
37C3IRLSZ	RNS-616-285	AES616-285ZNR		CA-3716S-285
50C1IRLSZ	RNS-813-150	AES813-150ZNR		CA-5013S-150
50C2IRLSZ	RNS-813-250	AES813-250ZNR		CA-5013S-250
50C3IRLSY	RNS-813-350	AES-813-350ZNR		CA-5013S-350

CROSS REFERENCE TABLE by part number

RIVETKING®	AVK	ATLAS®	MARSON®	SHEREX
8C1IRRSZ	AOS4-832-80	AEOS10-832-80	57425	CA02-0832-080
10C1IRRSZ	AOS4-1024-130	AEOS10-1024-130	57435	CA02-1024-130
10F1IRRSZ	AOS4-1032-130	AEOS10-1032-130	57445	CA02-1032-130
25C1IRRSZ	AOS4-420-165	AEOS10-420-165	57455	CA02-2520-165
31C1IRRSZ	AOS4-518-200	AEOS10-518-200	57475	CA02-3118-200
37C1IRRSZ	AOS4-616-200	AEOS10-616-200	57485	CA02-3716-200
.40C1IRRSZ	AOS4-470-2.0	AEOS10-470-2.0		CA02-470-2.0
.50C1IRRSZ	AOS4-580-3.3	AEOS10-580-3.3		CA02-580-3.3
.60C1IRRSZ	AOS4-610-4.2	AEOS10-610-4.2		CA02-610-4.2
.80C1IRRSZ	AOS4-8125-5.1	AEOS10-8125-5.1		CA02-8125-5.1
.100C1IRRSZ	AOS4-1015-5.1	AEOS10-1015-5.1		CA02-1015-5.1
6C1IRRAP		AE0A-632-80	57510	CA03-0632-080
8C1IRRAP		AE0A-832-80	57520	CA03-0832-080
10C1IRRAP		AE0A-1024-130	57530	CA03-1024-130
10F1IRRAP		AE0A-1032-130	57540	CA03-1032-130
25C1IRRAP		AE0A-420-165	57550	CA03-2520-165
31C1IRRAP		AE0A-518-200	57575	CA03-3118-200
37C1IRRAP		AE0A-616-200	57585	CA03-3716-200
6C1ISNSZ	AWS2-632	AEWS-632		CFW2-0632
8C1ISNSZ	AWS2-832	AEWS-832		CFW2-0832
10C1ISNSZ	AWS2-1024	AEWS-1024		CFW2-1024
10F1ISNSZ	AWS2-1032	AEWS-1032		CFW2-1032
25C1ISNSZ	AWS2-420	AEWS-420		CFW2-2520
31C1ISNSZ	AWS2-516	AEWS-516		CFW2-3118
37C1ISNSZ	AWS2-616	AEWS-616		CFW2-3716
Note for the following 2 sections: RivetKing parts are zinc plated- other brands might be different plating				
4C1ISRSZ	ATS2-440	AETS-440		CFT2-0440
6C1ISRSZ	ATS2-632	AETS-632	57810	CFT2-0632
8C1ISRSZ	ATS2-832	AETS-832	57820	CFT2-0832
10C1ISRSZ	ATS2-1024	AETS-1024	57830	CFT2-1024
10F1ISRSZ	ATS2-1032	AETS-1032	57840	CFT2-1032
25C1ISRSZ	ATS2-420	AETS-420	57850	CFT2-2520
31C1ISRSZ	ATS2-516	AETS-516	57871	CFT2-3118
37C1ISRSZ	ATS2-616	AETS-616	57881	CFT2-3716
50C1ISRSZ	ATS2-813	AETS-813		CFT2-5013
.40C1ISRSZ	ATS3-470	AETS-470		CFT2-470
.50C1ISRSZ	ATS3-580	AETS-580		CFT2-580
.60C1ISRSZ	ATS3-610	AETS-610		CFT2-610
.80C1ISRSZ	ATS3-8125	AETS-8125		CFT2-8125
.100C1ISRSZ	ATS3-1015	AETS-1015		CFT2-1015
6C1IHFSY	AHS4-632-80	AEHS8-632-80	52610	CAH2-0632-080
6C2IHFSY	AHS4-632-130	AEHS8-632-130	52612	CAH2-0632-130
8C1IHFSY	AHS4-832-80	AEHS8-832-80	52620	CAH2-0832-080
8C2IHFSY	AHS4-832-130	AEHS8-832-130	52621	CAH2-0832-130
10C1IHFSY	AHS4-1024-130	AEHS8-1024-130	52630	CAH2-1024-130
10C2IHFSY	AHS4-1024-225	AEHS8-1024-225	52632	CAH2-1024-225
10F1IHFSY	AHS4-1032-130	AEHS8-1032-130	52640	CAH2-1032-130
10F2IHFSY	AHS4-1032-225	AEHS8-1032-225	52642	CAH2-1032-225
25C1IHFSY	AHS4-420-165	AEHS8-420-165	52650	CAH2-2520-165
25C2IHFSY	AHS4-420-260	AEHS8-420-260	52654	CAH2-2520-260
31C1IHFSY	AHS4-518-150	AEHS8-518-150	52671	CAH2-3118-150
31C2IHFSY	AHS4-518-312	AEHS8-518-312	52674	CAH2-3118-312
37C1IHFSY	AHS4-616-150	AEHS8-616-150	52681	CAH2-3716-150
37C2IHFSY	AHS4-616-312	AEHS8-616-312	52684	CAH2-3716-312
.40C1IHFSY	ASH4-470-2.0	AEHS8-470-2.0		CAH2-470-2.0
.40C2IHFSY	ASH4-470-3.3	AEHS8-470-3.3		CAH2-470-3.3
.50C1IHFSY	ASH4-580-3.3	AEHS8-580-3.3		CAH2-580-3.3
.50C2IHFSY	ASH4-580-5.7	AEHS8-580-5.7		CAH2-580-5.7
.60C1IHFSY	ASH4-610-4.2	AEHS8-610-4.2		CAH2-610-4.2
.60C2IHFSY	ASH4-610-6.6	AEHS8-610-6.6		CAH2-610-6.6
.80C1IHFSY	AHS4-8125-3.8	AEHS8-8125-3.8		CAH2-8125-3.8
.80C2IHFSY	ASH4-8125-7.9	AEHS8-8125-7.9		CAH2-8125-7.9
.100C1IHFSY	ASH4-1015-3.8	AEHS8-1015-3.8		CAH2-1015-3.8
.100C2IHFSY	ASH4-1015-7.9	AEHS8-1015-7.9		CAH2-1015-7.9
10F1IPBSY				CPB2-1024-175
10F2IPBSY				CPB2-1024-320
10F1IPBSY		AES10P175PBZYR		CPB2-1032-175
10F2IPBSY		AES10P320PBZYR		CPB2-1032-320
25C1IPBSY	ARS4T-420-280	AES25P280PBZYR		CPB2-2520-280
25C2IPBSY	ARS4T-420-500	AES25P500PBZYR		CPB2-2520-500
31C1IPBSY	ARS4T-518-280	AES31P280PBZYR		CPB2-3118-280
31C2IPBSY	ARS4T-518-500	AES31P500PBZYR		CPB2-3118-500
37C1IPBSY	ARS4T-616-280	AES37P280PBZYR		
37C2IPBSY		AES37P500PBZYR		
.60C1IPBSY	ARS4T-610-7.1	AESM6P7.1PBZYR		CPB2-610-7.1
.60C2IPBSY	ARS4T-610-12.7	AESM6P12.7PBZYR		CPB2-610-12.7
.80C1IPBSY	ARS4T-8125-7.1	AESM8P7.1PBZYR		CPB2-8125-7.1
.80C2IPBSY	ARS4T-8125-12.7	AESM8P12.7PBZYR		CPB2-8125-12.7
.100C1IPBSY	ARS4T-1015-7.1	AESM10P7.1PBZYR		
.100C2IPBSY		AES10P12.7PBZYR		
.50C1IPNSZ		AESM5P4.45ZNR		CPN2-580-4.45
.50C2IPNSZ		AESM5P8.10ZNR		CPN2-580-8.1
.60C1IPNSZ		AESM6P7.1ZNR		CPN2-610-7.1
.60C2IPNSZ		AESM6P12.7ZNR		CPN2-610-12.7
.80C1IPNSZ		AESM8P7.1ZNR		CPN2-8125-7.1
.80C2IPNSZ		AESM8P12.7ZNR		CPN2-8125-12.7



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