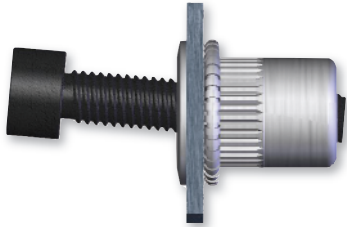
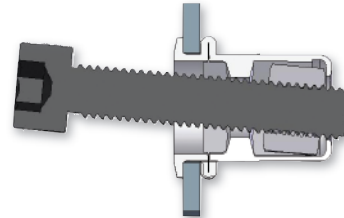


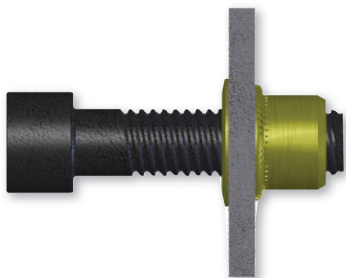
Internally floating threads allow for component attachments in off center applications



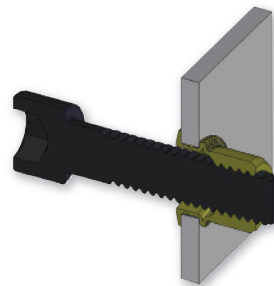
RIV-FLOAT® Installed



Cross Section of RIV-FLOAT® Installed



Standard Rivet Nut Installed



Cross Section of a Standard Rivet Nut Installed

Features and Benefits:

- FLOATING NUT ALIGNS TO DRIVE ANGLE OF SCREW ELIMINATING CROSS THREADING AND SPIN OUT
- ALLOWS POST INSTALLATION IN APPLICATIONS WHERE WELD NUTS OR CAGE NUTS ARE TYPICALLY USED
- PATENT PENDING
- ROHS COMPLIANT
- SHEREX IS TS 16949 CERTIFIED

Technical Data:

- .020" RADIAL FLOAT
- LARGE (RFL) AND SMALL FLANGE (RFK) SERIES AVAILABLE IN 8-32, 10-32, 1/4-20, M4, M5, AND M6 SIZES
- MECHANICALLY LOCKED RIV-FLOAT® IS AVAILABLE WITH PREVAILING TORQUE FEATURE TO IFI SPEC 100/107
- INSTALLED WITH MS 50 HYDRO-PNEUMATIC TOOL WITH RIV-FLOAT® NOSE PIECE
- ZINC ELECTROPLATE TO 8µm WITH TRIVALENT CHROMATE - 120/240

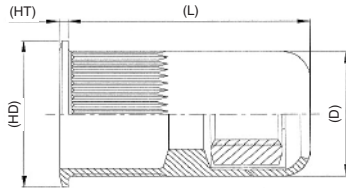


RIV-FLOAT® is installed with MS 50 Hydro-Pneumatic tool with RIV-FLOAT® Nose Piece

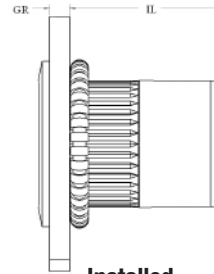


Ensure easy, accurate, and fast attachment of components in off center applications.

ACCOUNTS FOR TOLERANCE STACK UP IN JOINT DESIGN AND MISALIGNMENT DURING SERVICE OF THE JOINT



Uninstalled



Installed

RFK SERIES - SMALL FLANGE

SHEREX Part Number Inch - Steel	Thread Size	Radial Deflection	Grip Range		L	HD	HT	D	IL	Hole Size	Material Thickness (Steel)	Pull Out	Failure Mode (Pull Out)	Torque Out	Failure Mode (Torque Out)	Suggested Assembly Torque Grade 5 Class 8.8
			Min.	Max.												
RFK2-0832-130	8-32 UNC	0.020	0.027	.130	.7195	.455	.022	.390	.522	.391	.130"	2205 lbf	Bolt Breaks	71 in-lb	Bolt Breaks	22.0 in-lb
RFK2-1032-150	10-32 UNF	0.015	0.027	.150	.7195	.455	.022	.390	.522	.391	.150"	3530 lbf	Bolt Breaks	128 in-lb	Bolt Breaks	36.0 in-lb
RFK2-2520-150	1/4-20 UNC	0.030	0.027	.150	.8190	.595	.022	.530	.630	.531	.150"	5510 lbf	Bolt Breaks	265 in-lb	Bolt Breaks	75.0 in-lb

SHEREX Part Number Metric - Steel	Thread Size	Radial Deflection	Grip Range		L	HD	HT	D	IL	Hole Size	Material Thickness (Steel)	Pull Out	Failure Mode (Pull Out)	Torque Out	Failure Mode (Torque Out)	Suggested Assembly Torque Grade 5 Class 8.8
			Min.	Max.												
RFK2-470-3.3	M4x0.7 ISO	0.51	0.7	3.3	18.28	11.56	0.55	9.91	13.25	10.00	3.3 mm	1000 kgf	Bolt Breaks	9 N•m	Bolt Breaks	2.5 N•m
RFK2-580-3.8	M5x0.8 ISO	0.38	0.7	3.8	18.28	11.56	0.55	9.91	13.25	10.00	3.8 mm	1900 kgf	Bolt Breaks	21 N•m	Bolt Breaks	5.0 N•m
RFK2-610-3.8	M6x1.0 ISO	0.76	0.7	3.8	20.80	15.11	0.55	13.46	16.00	13.50	3.8mm	2500 kgf	Bolt Breaks	30 N•m	Bolt Breaks	8.6 N•m

RFL SERIES - LARGE FLANGE

SHEREX Part Number Inch - Steel	Thread Size	Radial Deflection	Grip Range		L	HD	HT	D	IL	Hole Size	Material Thickness (Steel)	Pull Out	Failure Mode (Pull Out)	Torque Out	Failure Mode (Torque Out)	Suggested Assembly Torque Grade 5 Class 8.8
			Min.	Max.												
RFL2-0832-130	8-32 UNC	0.020	.027	.130	.7195	.500	.030	.390	.522	.391	.130"	2205 lbf	Bolt Breaks	71 in-lb	Bolt Breaks	22.0 in-lb
RFL2-1032-150	10-32 UNF	0.015	.027	.150	.7195	.500	.030	.390	.522	.391	.150"	3530 lbf	Bolt Breaks	128 in-lb	Bolt Breaks	36.0 in-lb
RFL2-2520-150	1/4-20 UNC	0.030	.027	.150	.8190	.685	.035	.530	.630	.391	.150"	5510 lbf	Bolt Breaks	265 in-lb	Bolt Breaks	75.0 in-lb

SHEREX Part Number Metric - Steel	Thread Size	Radial Deflection	Grip Range		L	HD	HT	D	IL	Hole Size	Material Thickness (Steel)	Pull Out	Failure Mode (Pull Out)	Torque Out	Failure Mode (Torque Out)	Suggested Assembly Torque Grade 5 Class 8.8
			Min.	Max.												
RFL2-470-3.3	M4x0.7 ISO	0.51	0.7	3.3	18.28	12.70	0.76	9.91	13.25	10.00	3.3 mm	1000 kgf	Bolt Breaks	9 N•m	Bolt Breaks	2.5 N•m
RFL2-580-3.8	M5x0.8 ISO	0.38	0.7	3.8	18.28	12.70	0.76	9.91	13.25	10.00	3.8 mm	1900 kgf	Bolt Breaks	21 N•m	Bolt Breaks	5.0 N•m
RFL2-610-3.8	M6x1.0 ISO	0.76	0.7	3.8	20.80	17.40	0.89	13.46	16.00	13.50	3.8mm	2500 kgf	Bolt Breaks	30 N•m	Bolt Breaks	8.6 N•m

Prints, Technical Data, and 3D Models are available at www.sherex.com

All parts have been manufactured by Sherex Fastening Solutions