

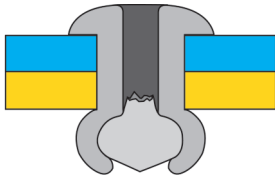
Blind Rivets and Riveting Tools



Head Styles

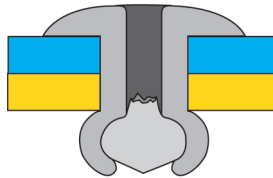
Dome Head

The Dome Head blind rivet is the most widely available and commonly used head style. The dome head flange offers good bearing surface and is suitable for many applications.



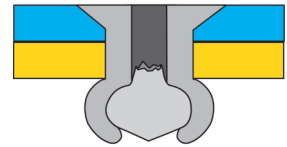
Large Flange

The Large Flange blind rivet offers a larger bearing surface than the Dome Head and is suited for joining thin, compressible or brittle materials to structural members, i.e. wood/steel, plastic/steel.



Countersunk Head

The Countersunk Head blind rivet is used in applications requiring a flush surface.



Material Compatibility

The blind rivet selected should be compatible with the materials being joined. Dissimilar materials can cause failure due to galvanic corrosion.

SFS intec advises the use of corrosion resistant rivets made of aluminum or stainless steel. Steel rivets are available for interior applications or where conditions will not cause corrosion. Contact SFS intec if assistance is required.

Strength Requirements

The joint strength required will determine the diameter and spacing of the blind rivets.

Material Thickness

Each blind rivet is engineered for a specific range of material thickness for which it will be effective. This range of material or work thickness is the blind rivet's "grip range".

Hole Size

Proper hole size is important to ensure the integrity of the fastened joint. The recommended hole size and tolerances are shown in the technical data charts.

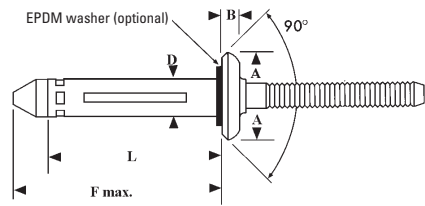
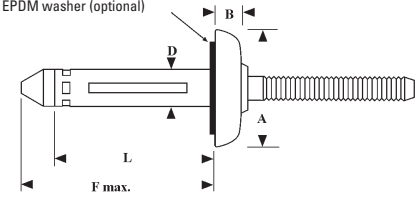
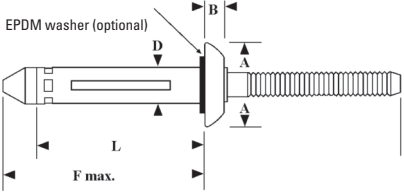
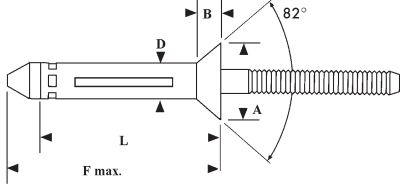
Table of Contents

BULB-TITE® Rivets	2-4
MEGA GRIP® Rivets	5
Extra Length Metric Rivets.....	6
PolyGrip® Blind Rivets.....	7
Standard Blind Rivets.....	8-9
GESIPA Portable / Power Installation Tools	10
GESIPA Installation Tools for BULB-TITE® Rivets	11
Accessory Tools.....	12
Riveting Tool Installation Guide	13
Tools and Accessories Selection Guide	14
Warranty	15

BULB-TITE® Rivets



BULB-TITE rivets were first developed to solve application requirements in the Pre-Engineered Metal Building industry. Since that time, the BULB-TITE product line has been expanded to meet application requirements in a wide range of industries. The BULB-TITE rivet body folds into three separate legs forming a large blind-side head. This large bearing head evenly distributes the BULB-TITE’s clamp force in soft, thin or brittle materials while providing high pull-through resistance. The wide grip range enables a single rivet to work in a greater variation of thicknesses. Special installation tool nosepieces are required for proper installation performance. See chart on page 13.

RV6603 & RV6604 – Dome Head (Protruding Crown) 	RV6605 – Large Flange Head (Protruding Crown) 
RV6606 – Dome Head (Recessed Crown) 	RV6601 – Countersunk Head (82°) 
A - Head Diameter B - Body Height D - Body Diameter F - Blind Side Protrusion L - Rivet Body Length	

Aluminum Rivet/Aluminum Mandrel

Head Style	Rivet Dia Nom.	SFS intec Code	SFS intec Part Number	Grip Range (Inches)	Hole Size (Inches) Drill No.	Dimensions (Inches)					Typ. Strength (lbs.)	
						D Max.	B Max.	A	L Max.	F Ref.	Shear	Tensile
Large Flange Prot. Crown	9/32"	RV6605-9-6	1194724	.042-.375	.308-.327 5/16	.304	.210	.720-.765	1.110	1.325	1500	1100
		RV6605-9-6W	1194725	.042-.375					1.110	1.325		
		RV6605-9-10	1194726	.250-.625					1.360	1.575		
		RV6605-9-10W	1194727	.250-.625					1.360	1.575		
		RV6605-9-12	1194728	.375-.750					1.485	1.700		
		RV6605-9-12W	1194730	.375-.750					1.485	1.700		
RV66 0 4 - 6 - 8 W BULB-TITE Rivet Material 0 - Aluminum Washer for Weather Resistance Maximum Grip (in 1/16") Nominal Diameter (in 1/32") Head Style 1 - Countersunk 3 & 4 - Dome (Protruding Crown) 5 - Large Flange 6 - Low Profile (Recessed Crown)												

BULB-TITE® Rivets (continued)

Aluminum Rivet/Aluminum Mandrel

Head Style	Rivet Dia Nom.	SFS intec Code	SFS intec Part Number	Grip Range (Inches)	Hole Size (Inches) Drill No.	Dimensions (Inches)				F Ref.	Typ. Strength (lbs.)	
						D Max.	B Max.	A	L Max.		Shear	Tensile
Countersunk Head Recessed Crown	3/16"	RV6601-6-4	1242643	.106-.250	.209-.221 #4	.205	.108 w/ crown	.340 Min.	.770	.935	675	450
		RV6601-6-6	1242644	.187-.375					.895	1.060		
		RV6601-6-8	1230665	.312-.500					1.020	1.185		
		RV6601-6-10	1242645	.437-.625					1.145	1.310		
		RV6601-6-12	1242647	.563-.750					1.270	1.435		
	1/4"	RV6601-8-4	1242648	.150-.250	.250-.263 1/4"	.246	.164	.452 Min.	.815	1.005	900	550
		RV6601-8-6	1242650	.187-.375					.940	1.130		
		RV6601-8-8	1242651	.250-.500					1.065	1.255		
Dome Head Protruding Crown	5/32"	RV6604-5-4	1194602	.067-.250	.162-.167 #20	.161	.100	.335-.350	.805	.925	350	225
		RV6604-5-4W	1194603	.067-.250					.805	.925		
		RV6604-5-8	1194604	.250-.500					.992	1.112		
		RV6604-5-8W	1194605	.250-.500					.992	1.112		
	3/16"	RV6604-6-3	1194606	.050-.187	.209-.221 #4	.205	.125	.430-.455	.707	.844	675	450
		RV6604-6-3W	1194607	.050-.187					.707	.844		
		RV6604-6-4	1194608	.062-.250					.770	.907		
		RV6604-6-4W	1194609	.062-.250					.770	.907		
		RV6604-6-6	1194620	.187-.375					.895	1.032		
		RV6604-6-6W	1194621	.187-.375					.895	1.032		
		RV6604-6-8	1194622	.312-.500					1.020	1.157		
		RV6604-6-8W	1194623	.312-.500					1.020	1.157		
		RV6604-6-10	1194624	.437-.625					1.145	1.282		
		RV6604-6-10W	1194625	.437-.625					1.145	1.282		
		RV6604-6-12	1194626	.563-.750					1.270	1.407		
		RV6604-6-12W	1194627	.563-.750					1.270	1.407		
		RV6604-6-14	1242652	.687-.875					1.375	1.532		
		RV6604-6-14W	1242653	.687-.875					1.375	1.532		
		RV6604-6-16	1242654	.812-1.000					1.500	1.657		
		RV6604-6-16W	1242655	.812-1.000					1.500	1.657		
		RV6604-6-18	1242656	.937-1.125					1.625	1.782		
		RV6604-18W	1242657	.937-1.125					1.625	1.782		
	1/4"	RV6604-8-4	1194628	.062-.250	.250-.263 1/4	.246	.150	.555-.565	.815	1.005	950	575
		RV6604-8-4W	1194629	.062-.250					.815	1.005		
		RV6604-8-6	1194630	.125-.375					.940	1.130		
		RV6604-8-6W	1194631	.125-.375					.940	1.130		
		RV6604-8-8	1194632	.250-.500					1.065	1.255		
		RV6604-8-8W	1194633	.250-.500					1.065	1.255		
		RV6604-8-10	1194634	.375-.625					1.190	1.360		
		RV6604-8-10W	1194635	.375-.625					1.190	1.360		
	9/32"	RV6603-9-6	1194718	.032-.375	.304-.3125 5/16	.304	.190	.610-.620	1.110	1.325	1500	1100
		RV6603-9-6W	1194719	.032-.375					1.110	1.325		
		RV6603-9-10	1194720	.250-.625					1.360	1.575		
		RV6603-9-10W	1194721	.250-.625					1.360	1.575		
		RV6603-9-12	1194722	.375-.750					1.485	1.700		
		RV6603-9-12W	1194723	.375-.750					1.485	1.700		

R V 66 0 4 - 6 - 8 W

BULB-TITE _____
 Rivet Material _____
 0 - Aluminum

_____ Washer for Weather Resistance
 _____ Maximum Grip (in 1/16")
 _____ Nominal Diameter (in 1/32")
 _____ Head Style
 1 - Countersunk
 3 & 4 - Dome (Protruding Crown)
 5 - Large Flange
 6 - Low Profile (Recessed Crown)

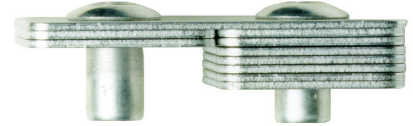
BULB-TITE® Rivets (continued)

Aluminum Rivet/Aluminum Mandrel

Head Style	Rivet Dia Nom.	SFS intec Code	SFS intec Part Number	Grip Range (Inches)	Hole Size (Inches) Drill No.	Dimensions (Inches)					Typ. Strength (lbs.)	
						D Max.	B Max.	A	L Max.	F Ref.	Shear	Tensile
Dome Head Recessed Crown	3/16"	RV6606-6-3	1242668	.050-.187	.209-.221 #4	.205	.099	.446-.492	.707	.844	675	450
		RV6606-6-3W	1242669	.050-.187					.707	.844		
		RV6606-6-4	1242670	.062-.250					.770	.907		
		RV6606-6-4W	1242680	.062-.250					.770	.907		
		RV6606-6-6	1242692	.187-.375					.895	1.032		
		RV6606-6-6W	1242693	.187-.375					.895	1.032		
		RV6606-6-8	1242694	.312-.500					1.020	1.157		
		RV6606-6-8W	1242695	.312-.500					1.020	1.157		
		RV6606-6-10	1242697	.437-.625					1.145	1.282		
		RV6606-6-10W	1242698	.437-.625					1.145	1.282		
		RV6606-6-12	1242733	.563-.750					1.270	1.407		
		RV6606-6-12W	1242735	.563-.750					1.270	1.407		
		RV6606-6-14	1242767	.687-.875					1.375	1.532		
		RV6606-6-14W	1242768	.687-.875					1.375	1.532		
		RV6606-6-16	1242770	.812-1.000					1.500	1.657		
		RV6606-6-16W	1242771	.812-1.000					1.500	1.657		
		RV6606-6-18	1242773	.937-1.125					1.625	1.782		
		RV6606-6-18W	1242774	.937-1.125					1.625	1.782		
	1/4"	RV6606-8-4	1242781	.040-.250	.250-.263 1/4	.246	.116	.535-.550	.815	1.005	950	575
		RV6606-8-4W	1242792	.040-.250					.815	1.005		
		RV6606-8-6	1242795	.125-.375					.940	1.130		
		RV6606-8-6W	1242796	.125-.375					.940	1.130		
		RV6606-8-8	1242839	.250-.500					1.065	1.255		
		RV6606-8-8W	1242841	.250-.500					1.065	1.255		
		RV6606-8-10	1242868	.375-.625					1.190	1.380		
		RV6606-8-10W	1242870	.375-.625					1.190	1.380		

R V 66 0 4 - 6 - 8 W
 BULB-TITE _____
 Rivet Material _____
 0 - Aluminum _____
 _____ Washer for Weather Resistance
 _____ Maximum Grip (in 1/16")
 _____ Nominal Diameter (in 1/32")
 _____ Head Style
 1 - Countersunk
 3 & 4 - Dome (Protruding Crown)
 5 - Large Flange
 6 - Low Profile (Recessed Crown)

MEGA GRIP® Rivets



The MEGA GRIP is a high strength structural blind rivet offering several advantages over conventional blind rivets. MEGA GRIP's wide grip range enables a single MEGA GRIP to replace up to five different lengths of standard rivets. High shear strength is achieved by MEGA GRIP's flush break self plugging mandrel. MEGA GRIP rivets are hole-filling, resulting in tighter joints and improved sealing for weather resistance. MEGA GRIP rivets are installed via standard rivet tools and do not require special nose tips. Steel/Steel MEGA GRIP rivets available upon special request.

Aluminum Rivet/Aluminum Mandrel

Head Style	Rivet Dia Nom.	SFS intec Code	SFS intec Part Number	Grip Range (Inches)	Hole Size (Inches) Drill No.	Dimensions (Inches)					Typ. Strength (lbs.)		
						D	B Max.	A	L Max.	F Ref.	Shear	Tensile	Mandrel Pushout
Dome	3/16"	RV6900-6-4 RV6900-6-7XG	1194560 1194561	.062-.250 .062-.437	.194-.204 #8	.185-.188	.088	.353-.373	.405 .562	.755 1.035	750	540	75
	1/4"	RV6900-8-6 RV6900-8-10XG	1194562 1194567	.080-.375 .080-.625	.259-.272 G	.253-.257	.108	.480-.500	.560 .775	1.025 1.355	1300	875	150
Counter-sunk	3/16"	RV6100-6-5 RV6100-6-8	1242624 1216216	.125-.312 .275-.500	.194-.204 #8	.185-.188	.075 Ref	.321-.338	.477 .597	.922 1.042	750	540	75
	1/4"	RV6100-8-7 RV6100-8-10XG	1242625 1242626	.125-.437 .125-.625	.259-.272 G	.253-.257	.095 Ref	.424-.441	.633 .790	1.078 1.380	1300	875	150
Large Flange	3/16"	RV6500-6-4 RV6500-6-7XG	1242631 1242642	.062-.250 .062-.437	.194-.204 #8	.185-.188	.085	.490-.510	.405 .562	.755 1.035	750	540	75
	1/4"	RV6500-8-6 RV6500-8-10XG	1242628 1242630	.080-.375 .080-.625	.259-.272 G	.253-.257	.112	.749-.761	.564 .765	.953 1.145	1300	875	150

RV6 9 0 0 - 8 - 10 XG

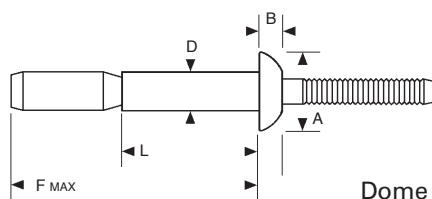
Head Style
1-Countersunk
5-Large Flange
9-Dome

Rivet Material
0-Aluminum

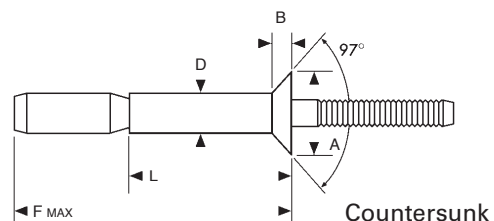
Mandrel Material
0-Aluminum

Special Feature XG-Extended Grip
Maximum Grip (in 1/16")
Nominal Diameter (in 1/32")

Note: Above values are shown as a guide only and may vary depending upon applications. Shear and tensile strength tests were conducted in hardened alloy steel with a thickness equal to the fastener diameter. Strength values measured in nominal grip.

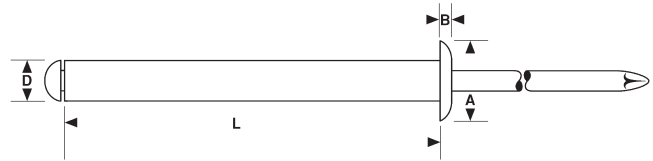


Dome



Countersunk

Extra Length Metric Rivets



SFS intec supplies a complete line of metric blind rivets according to DIN7337 standards in 3mm, 4mm and 5mm diameters. Standard material is Aluminum/Steel. Steel/Steel and Stainless Steel 304 and 316 alloys are available upon special request. All dimensions for Metric Series are given in millimeters. Additional diameters of 4.8mm, 6mm and 6.4mm available on special request.

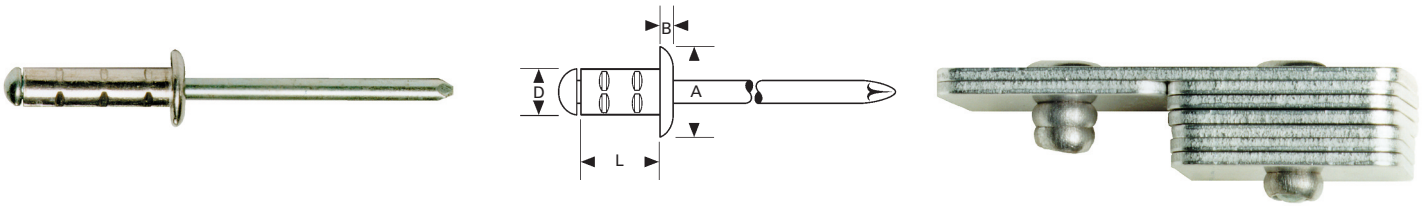
Aluminum Rivet/Steel Mandrel

Head Style	Rivet Dia Nom.	SFS intec Code	SFS intec Part Number	Grip Range (mm)	Hole Size (mm) Drill No.	Dimensions (Inches)				Min. Strength (lbs.)	
						D	B Max.	A	L Max.	Shear	Tensile
Dome	3mm	ATO-D-30180	1194509	13-15	3.1	2.9-3.08	1.2	5.8-6.5	18.8	160	200
		ATO-D-30200	1194531	15-17					20.8		
		ATO-D-30250	1194532	17-22					25.8		
		ATO-D-30300	1194534	22-25					30.8		
	4mm	ATO-D-40180	1194535	12.5-14.5	4.1	3.85-4.08	1.5	7.0-8.0	19.0	190	225
		ATO-D-40210	1194536	14.5-16.5					21.0		
		ATO-D-40250	1194537	16.5-21.5					26.0		
		ATO-D-40310	1194538	21.5-26					31.0		
		ATO-D-40350	1194539	26-30					36.0		
		ATO-D-40400	1194540	30-35					41.0		
	5mm	ATO-D-50350	1194541	25-30	5.1	4.85-5.08	1.6	8.5-9.5	36.0	450	630
		ATO-D-50400	1194542	30-35					41.0		
		ATO-D-50450	1194543	35-40					46.0		
		ATO-D-50500	1194544	40-45					51.0		
		ATO-D-50550	1194545	45-48					56.0		
		ATO-D-50600	1194546	48-52					61.0		
		ATO-D-50650	1194547	52-57					66.0		
		ATO-D-50700	1194549	57-62					71.0		
		ATO-D-50800	1194550	62-72					81.0		

A T O-D-30 180
 Rivet Material ☐ Rivet Length Under Flange (18.0mm)
 Mandrel Material ☐ Rivet Diameter (3.0mm)
 Type ☐ Head Style

Material: *A = Aluminum*
Type: *O = Open*
Head Style: *D = Dome*
T = Steel

PolyGrip® Blind Rivets



PolyGrip rivets feature a wide grip range, enabling a single PolyGrip to replace up to three different lengths of standard blind rivets. PolyGrip rivets expand radially, filling the application hole, resulting in tighter joints and improved sealing. The PolyGrip's locked mandrel core creates a weather resistant fastener. Improved material support is provided by the PolyGrip's larger blindside head formation. Large flange head style and Aluminum/Steel and Steel/Steel rivets are available upon request.

Stainless Rivet/Stainless Mandrel

Head Style	Rivet Dia Nom.	US Dimen.	SFS intec Code	SFS intec Part Number	Grip Range (Inches)	Hole Size (Inches) Drill No.	Dimensions (Inches)				Min. Strength (lbs.)	
							D	B Max.	A	L Max.	Shear	Tensile
Dome	1/8"	41-43	SSP-D-32085	1194553	.020-.192	.128-.133 #30	.122-.129	.051	.228-.256	.346	326	517
		42-44	SSP-D-32100	1194555	.059-.256					.406		
		43-45	SSP-D-32120	1194558	.118-.315					.465		
	5/32"	51-54	SSP-D-40110	1194559	.020-.256	.161-.166 #20	.151-.160	.051	.276-.315	.433	595	809
		53-55	SSP-D-40140	1194580	.139-.354					.551		
		55-57	SSP-D-40180	1194581	.276-.472					.709		
	3/16"	61-64	SSP-D-48110	1194582	.039-.236	.193-.199 #10	.183-.192	.052	.370-.374	.433	899	1124
		63-66	SSP-D-48160	1194583	.197-.394					.630		
		65-68	SSP-D-48180	1194584	.315-.472					.709		

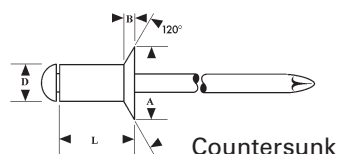
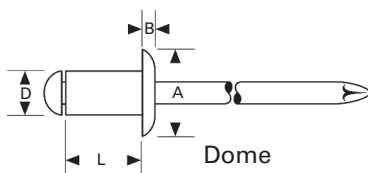
Aluminum Rivet/Stainless Mandrel

Head Style	Rivet Dia Nom.	US Dimen.	SFS intec Code	SFS intec Part Number	Grip Range (Inches)	Hole Size (Inches) Drill No.	Dimensions (Inches)				Min. Strength (lbs.)	
							D	B Max.	A	L Max.	Shear	Tensile
Dome	1/8"	41-43	ASP-D-32085	1194585	.039-.197	.130-.136 #30	.122-.129	.043	.228-.256	.346	162	236
		42-44	ASP-D-32100	1194586	.059-.256					.406		
		43-45	ASP-D-32120	1194587	.118-.315					.465		
	5/32"	51-54	ASP-D-40110	1194589	.039-.256	.161-.166 #20	.151-.160	.051	.276-.315	.433	238	377
		53-56	ASP-D-40140	1194610	.138-.375					.551		
		55-58	ASP-D-40180	1194611	.276-.512					.709		
	3/16"	62-64	ASP-D-48110	1194612	.039-.256	.193-.199 #10	.183-.192	.063	.335-.374	.433	359	510
		63-67	ASP-D-48160	1194613	.177-.433					.630		
		66-68	ASP-D-48180	1194614	.256-.512					.709		
		69-612	ASP-D-48260	1194615	.433-.768					1.024		
		612-615	ASP-D-48310	1194616	.630-.945					1.220		

Rivet Material **S**
 Mandrel Material **S**
 Type **P**
 Rivet Length Under Flange (8.5mm)
 Rivet Diameter (3.2mm)
 Head Style **D**

Material: A = Aluminum
Type: P = Polygrip
Head Style: D = Dome
 S = Stainless

Standard Blind Rivet



Standard blind rivets are ideally suited for metal trim applications and other light gauge installations. SFS intec provides a selection of 1/8" x 3/16" Stainless/Stainless rivets painted to match standard industry colors. Other sizes and colors available upon request.

Stainless Rivet/Stainless Mandrel

Head Style	Rivet Dia Nom.	US Dimen.	SFS inter Code	SFS inter Part Number	Grip Range (Inches)	Hole Size (Inches) Drill No.	Dimensions (Inches)				Min. Strength (lbs.)	
							D	B Max.	A	L Max.	Shear	Tensile
Dome	1/8"	42 43 44 46 48	SSO-D-32070 SSO-D-32086 SSO-D-32102 SSO-D-31134 SSO-D-32165	L1280 L1290 L1300 L1320 1243078	.063-.125 .126-.187 .188-.250 .251-.375 .376-.500	.129-.133 #30	.122-.128	.040	.238-.262	.275 .337 .400 .525 .650	420	530
	5/32"	52 54 56	SSO-D-40076 SSO-D-40108 SSO-D-40140	1243079 1243093 1242613	.020-.125 .126-.250 .251-.375	.160-.164 #20	.153-.159	.050	.296-.328	.300 .425 .550	650	820
	3/16"	62 64 66 68	SSO-D-48083 SSO-D-48114 SSO-D-48146 SSO-D-48178	L1485 1243098 1243100 1243104	.020-.125 .126-.250 .251-.375 .375-.500	.192-.196 #11	.183-.191	.060	.356-.394	.325 .450 .575 .700	950	1200

The diagram shows a cross-section of a rivet being installed through a hole in a plate. The following labels are used:

- A**: Rivet Material
- O**: Mandrel Material
- D**: Type, Open
- S**: Head Style, Dome
- O-D-32 070**: Rivet Length Under Flange (7.0mm)
- 070**: Rivet Diameter (3.2mm)

Material: *A = Aluminum, S = Stainless, T = Steel*

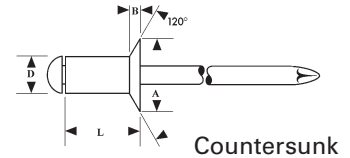
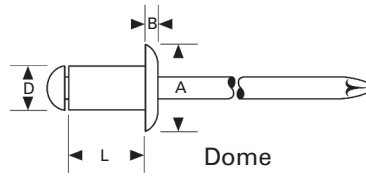
Type: *O = Open*

Head Style: *D = Dome, C = Countersunk*

SFS intec Standard Color Painted Rivets

SFS PART	DESCRIPTION
L1290-001	STST43D RIVET WHITE
L1290-012	STST43D RIVET BLUE
L1290-014	STST43D RIVET BRIGHT WHITE
L1290-020	STST43D RIVET TAN
L1290-040	STST43D RIVET GOLD
L1290-042	STST43D RIVET BURNISHED SLATE
L1290-047	STST43D RIVET GREEN
L1290-051	STST43D RIVET CHARCOAL GRAY
L1290-109	STST43D RIVET SAND BEIGE
L1290-110	STST43D RIVET BROWN
L1290-232	STST43D RIVET EVERGREEN
L1290-248	STST43D RIVET LIGHT STONE
L1290-578	STST43D RIVET OLD TOWN GRAY
L1290-850	STST43D RIVET ASH GRAY
L1290-890	STST43D RIVET RED

Standard Blind Rivet



Aluminum Rivet/Aluminum Mandrel

Head Style	Rivet Dia Nom.	US Dimen.	SFS intec Code	SFS intec Part Number	Grip Range (Inches)	Hole Size (Inches) Drill No.	Dimensions (Inches)				Min. Strength (lbs.)										
							D	B Max.	A	L Max.	Shear	Tensile									
Dome	1/8"	42	AAO-D-32070	L0500	.063-.125	.129-.133 #30	.122-.128	.040	.238-.262	.275 .337 .400 .525 .650	120	150									
		43	AAO-D-32086	L0520	.126-.187																
		44	AAO-D-32102	L0540	.188-.250																
		46	AAO-D-32133	1242922	.313-.375																
		48	AAO-D-32165	1242926	.376-.500																
	5/32"	52	AAO-D-40076	L0620	.020-.125	.160-.164 #20	.153-.159	.050	.296-.328	.300 .425 .550 .675	190	230									
		54	AAO-D-40108	L0660	.188-.250																
		56	AAO-D-40144	1242929	.251-.375																
		58	AAO-D-40171	1242934	.376-.500																
	3/16"	62	AAO-D-48083	1242935	.020-.125	.192-.196 #11	.183-.191	.060	.356-.394	.325 .450 .575 .700 .825 .950 1.075 1.200	260	320									
		64	AAO-D-48114	1242937	.126-.250																
		66	AAO-D-48146	L0760	.251-.375																
		68	AAO-D-48178	1242939	.376-.500																
		610	AAO-D-48210	1242940	.501-.625																
		612	AAO-D-48241	1242941	.626-.750																
		614	AAO-D-48273	1242943	.751-.875																
		616	AAO-D-48305	1242944	.876-1.00																
		Counter sunk	1/8"	42	AAO-S-32070								1242950	.092-.125	.129-.133 #30	.122-.128	.031	.207-.233	.275 .337 .400 .462	120	150
				43	AAO-S-32086								1242951	.126-.187							
44	AAO-S-32102			1242952	.188-.250																
45	AAO-S-32117			1242953	.251-.312																
5/32"	54		AAO-S-40108	1242954	.188-.250	.160-.164 #20	.153-.159	.040	.268-.294	.425 .550	190	230									
	56		AAO-S-40140	1242955	.251-.375																
3/16"	64		AAO-S-48114	1242956	.188-.250	.192-.196 #11	.183-.191	.050	.355-.361	.450	260	320									

Steel Rivet/Steel Mandrel

Head Style	Rivet Dia Nom.	US Dimen.	SFS intec Code	SFS intec Part Number	Grip Range (Inches)	Hole Size (Inches) Drill No.	Dimensions (Inches)				Min. Strength (lbs.)	
							D	B Max.	A	L Max.	Shear	Tensile
Dome	1/8"	42	TTO-D-32070	L0100	.063-.125	.129-.133	.122-.128	.040	.238-.262	.275	260	310
		43	TTO-D-32086	L0120	.126-.187							
		44	TTO-D-32102	L0140	.188-.250							

Other sizes available upon request.

AAO-D-32 070 Rivet Material Mandrel Material Type, Open Head Style, Dome			Rivet Length Under Flange (7.0mm) Rivet Diameter (3.2mm)	Material: <i>A = Aluminum</i> <i>S = Stainless</i> <i>T = Steel</i>	Type: <i>O = Open</i>	Head Style: <i>D = Dome</i> <i>C = Countersunk</i>
---	--	--	---	---	---------------------------------	---

GESIPA® Portable/Battery Power Installation Tools

The AccuBird and PowerBird provide power and performance on par with the best air/hydraulic rivet tools, while offering the freedom of battery powered portability. Each tool comes in a rugged steel carrying case and includes a 12 volt battery and 110V/50Hz battery charger. Built into each tool are the nose tips along with a tip removal wrench that enables quick changeover to setup the tool for 4 diameters of blind rivets.

AccuBird 14.4 VOLT CORDLESS RIVETING TOOL



WORK CAPACITY: See chart on page 13

WEIGHT: 4.8 lbs. (2.2 kg)

WORKING STROKE: .79" (20 mm)

TRACTION POWER: 1,900 lbs. (8,500 N)

POWER PACK: 14.4 Volt, rechargeable Li-Ion / 1.3 Ah

BATTERY CHARGER: 110V/60Hz, 60 minute charge time

PowerBird 14.4 VOLT CORDLESS RIVETING TOOL



WORK CAPACITY: See chart on page 13

WEIGHT: 4.8 lbs. (2.2 kg)

WORKING STROKE: .79" (20 mm)

TRACTION POWER: 2,900 lbs. (13,000 N)

POWER PACK: 14.4 Volt, rechargeable Li-Ion / 2.6 Ah

BATTERY CHARGER: 110V/60Hz, 60 minute charge time

ACCESSORY TOOL

RV 24RE

BULB-TITE REMOVAL TOOL

Designed for use with Aluminum BULB-TITE rivets, the tool greatly simplifies rivet removal in repair operations. The specially ground jaws cut rivet heads off cleanly without damage to the application material.



GESIPA® Installation Tools For BULB-TITE® Rivets

RV 74G

ELECTRIC (AC) POWERED BULB-TITE TOOL



WORK CAPACITY: 5/32", 3/16", 1/4" & 9/32" BULB-TITE rivets.*

*Requires appropriate sized RV8840 series BULB-TITE pulling head

WEIGHT: 6.5 lbs. w/pulling head attached

LENGTH: 14" w/o pulling head, 18" w/pulling head attached

TRACTION POWER: 3,000 lbs.

WORKING STROKE: Continuous reciprocating .375" per cycle

FEATURES:

- The RV74G is the newest refinement in GESIPA Electric Powered BULB-TITE installation tool that is designed for Metal Building Construction applications. This tool is suited to sidewall panel applications. Attaching the optional 74-EXT extension adapts the RV74G for installing BULB-TITES in roofing applications from a standing position.

RV 74-EXT

PULLING HEAD EXTENSION UNIT

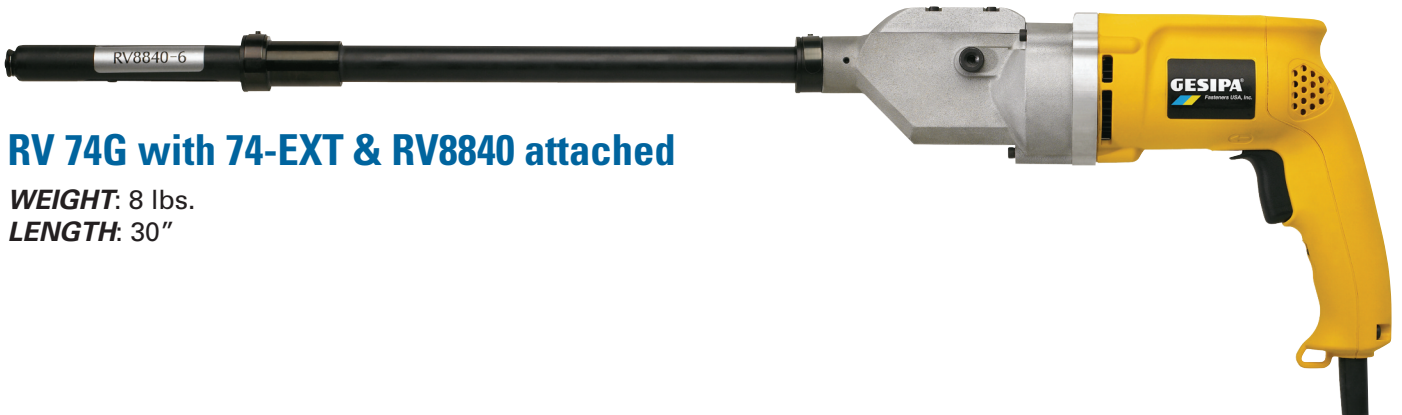


WEIGHT: 1.5 lbs.

LENGTH: 12 13/16" (Extends tool by 12")

FEATURES:

- Attachment of the 74-EXT extension unit adapts the RV74G tool for roofing applications. This ergonomic feature enables BULB-TITE rivet installation while standing.



RV 74G with 74-EXT & RV8840 attached

WEIGHT: 8 lbs.

LENGTH: 30"

BULB-TITE Pulling Heads

RV8840-X (-5,6,8,9 DIAMETER BULB-TITE RIVETS)



Specify the BULB-TITE rivet diameter when ordering

WEIGHT: 0.5 lbs.

LENGTH: 6 1/16"

FEATURES:

- RV8840 series pulling heads are designed for use with 6603, 6604, and 6605 series BULB-TITE rivets which feature multi-grip type mandrels
- These heads are equipped with jaws and tips for specific diameter BULB-TITE rivets. The special BULB-TITE crown-swaging nose tip pivots to align the tip onto the BULB-TITE rivet's head crown for improved bore sealing of installed rivets.

GESIPA® Power Installation Tools

Taurus 1

HYDRO-PNEUMATIC POWER RIVETING TOOL

WORK CAPACITY:

1/8" ø in all materials

WEIGHT: 2.87 lbs.**PULLING STRENGTH:**

1,150 lbs. @ 90 psi

WORKING STROKE:

.590 in.

FEATURES:

- Nose tips for each rivet diameter are stored in tool's base
- Same hydraulic section as the Taurus 2 ensures long tool life and reduced maintenance
- Suspension loop retracts into tool body



Taurus 2

HYDRO-PNEUMATIC POWER RIVETING TOOL

WORK CAPACITY: Up to

3/16" ø in all materials

WEIGHT: 3.75 lbs.**PULLING STRENGTH:**

2,500 lbs. @ 90 psi

WORKING STROKE:

.709 in.

FEATURES:

- New 3-piece jaw design increases jaw life — reducing service costs
- Integrated mandrel collection system with grip release shutoff — conserves compressed air resources
- Padded ergonomic tool grip enhances comfort — lowers operator fatigue



Taurus 3

HYDRO-PNEUMATIC POWER RIVETING TOOL

WORK CAPACITY: Up to

1/4" ø in all materials
and 9/32" Alum BT

WEIGHT: 4.19 lbs.**PULLING STRENGTH:**

3,900 lbs. @ 90 psi

WORKING STROKE:

.984 in.

FEATURES:

- Taurus 3 is up to 40% lighter than comparable tools in this power range
- Long working stroke installs multi-grip rivets in a single stroke
- Reliable exhaust-air mandrel ejection with large collector and safety interlock



Taurus 4

HYDRO-PNEUMATIC POWER RIVETING TOOL

WORK CAPACITY: Up to

1/4" ø structural blind
rivets and 9/32" Alum
BT

WEIGHT: 4.4 lbs.**PULLING STRENGTH:**

5,500 lbs. @ 90 psi

WORKING STROKE:

.750 in.

FEATURES:

- Taurus 4 offers the high pulling force required for many of today's 1/4" diameter structural blind rivets



Tools and Accessories Information

Riveting Tool Installation Guide

Rivet Type	Material	Rivet Diameter	AccuBird Nose Tip		PowerBird Nose Tip		RV 74G Pulling Head		Taurus 1 Nose Tip		Taurus 2 Nose Tip		Taurus 3 Nose Tip		Taurus 4 Nose Tip	
BULB-TITE	Alum/Alum	5/32"	•	1195158	•	1195158	•	1195150			•	1195158	•	1195158		
		3/16"	•	1195159	•	1195159	•	1195151			•	1195159	•	1195159	•	1195159
		1/4"	•	1195160	•	1195160	•	1195152					•	1195160	•	1195160
		9/32"			•	1195161	•	1195153					•	1195161	•	1195161
MEGA-GRIP	Alum/Alum	3/16"	•	Kit	•	Kit					•	Kit	•	Kit	•	Kit
		1/4"	•	Kit	•	Kit							•	Kit	•	Kit
Extra-Length Metric	Alum/Steel	3mm	•	Kit	•	Kit			•	Kit						
		4mm	•	Kit	•	Kit			•	Kit	•	Kit	•	Kit	•	Kit
		5mm	•	Kit	•	Kit					•	Kit	•	Kit	•	Kit
PolyGrip	Stainless/Stainless	1/8"	•	Kit	•	A			•	Kit						
		5/32"	•	Kit	•	Kit					•	Kit	•	Kit	•	Kit
		3/16"	•	Kit	•	Kit					•	Kit	•	Kit	•	Kit
	Alum/Stainless	1/8"	•	Kit	•	Kit			•	Kit	•	Kit	•	Kit	•	Kit
		5/32"	•	Kit	•	Kit			•	Kit	•	Kit	•	Kit	•	Kit
		3/16"	•	Kit	•	Kit					•	Kit	•	Kit	•	Kit
Standard Blind	Alum/Alum	1/8"	•	Kit	•	A			•	Kit						
		5/32"	•	Kit	•	Kit			•	Kit	•	Kit	•	Kit	•	Kit
		3/16"	•	Kit	•	Kit					•	Kit	•	Kit	•	Kit
	Steel/Steel	1/8"	•	Kit	•	A			•	Kit						
		5/32"	•	Kit	•	Kit					•	Kit	•	Kit	•	Kit
		3/16"	•	Kit	•	Kit					•	Kit	•	Kit	•	Kit
	Stainless/Stainless	1/8"	•	Kit	•	Kit			•	Kit						
		5/32"	•	Kit	•	Kit					•	Kit	•	Kit	•	Kit
		3/16"	•	Kit	•	Kit					•	Kit	•	Kit	•	Kit
Key • = Tool will install rivet - Kit = Nose tip included in tool kit - A = Nose tip 7251583 and jaw pusher/reducer tube 7243294 required																

Tools and Accessories Information *(continued)*

Tool and Accessory Selection Guide

	SFS intec Item Number	Description
AC Electric Power Tools	1195149	RV 74G Electric (110V) BULB-TITE Rivet Tool
	1195150	RV8840-5 BULB-TITE Pulling Head - 5/32" Dia.
	1195151	RV8840-6 BULB-TITE Pulling Head - 3/16" Dia.
	1195152	RV8840-8 BULB-TITE Pulling Head - 1/4" Dia.
	1195153	RV8840-9 BULB-TITE Pulling Head - 9/32" Dia.
	1195154	RV 74-EXT Pulling Head Extension Unit
Battery Power Tools	0836102	AccuBird (14V) Portable Rivet Tool Kit
	0835558	PowerBird (14V) Portable Rivet Tool Kit
	1222873	14.4 Volt 1.3 Ah Li-Ion Battery
	1222872	14.4 Volt 2.6 Ah Li-Ion Battery
	1195944	Charger (100V/60Hz) for 14.4 V Li-Ion
	0880754	12 Volt NiMH 3.2 Ah Battery
	1195155	12 Volt Battery Charger for NiMH
	1195156	Bulb-tite Jaws (A/B & P/B tools)
	1195157	Bulb-tite Jaw Pusher - P/B Tool
	1195158	Bulb-tite Nose Tip for 5/32" Dia.
	1195159	Bulb-tite Nose Tip for 3/16" Dia.
	1195160	Bulb-tite Nose Tip for 1/4" Dia.
	1195161	Bulb-tite Nose Tip for 9/32" Dia.
Pneumatic Hydraulic Power Tools	1167650	Taurus 1 Pneu/Hydra Rivet Tool
	1195689	Taurus 2 Pneu/Hydra Rivet Tool
	1195690	Taurus 3 Pneu/Hydra Rivet Tool
	1123032	Taurus 4 Pneu/Hydra Rivet Tool
	1246875	Taurus 1 Head Extension - 50mm
Pneumatic Hydraulic Power Tools	1247049	Taurus 1 Head Extension - 100mm
	1247056	Taurus 2 Head Extension - 50mm
	1274057	Taurus 2 Head Extension - 100mm
	1247058	Taurus 3 Head Extension - 50mm
	1247059	Taurus 3 & 4 Head Extension - 100mm
	1195158	BULB-TITE nose tip for 5/32" dia.
	1195159	BULB-TITE nose tip for 3/16" dia.
	1195160	BULB-TITE nose tip for 1/4" dia.
	1195161	BULB-TITE nose tip for 9/32" dia.
Accessory Tools	1195162	RV 24RE Aluminum BULB-TITE Removal Tool

RIVET SIZE CHART

BODY DIAMETERS

<u>US</u>	<u>METRIC</u>
3/32"	2.4 mm
--	3.0 mm
1/8"	3.2 mm
5/32"	4.0 mm
3/16"	4.8 mm
--	5.0 mm
--	6.0 mm
1/4"	6.4 mm
9/32"	--
5/16"	--
3/8"	--

WARRANTIES

RIVETS

SFS intec, Inc. warrants that its rivet fasteners will be free of defects in materials and workmanship and that they conform to applicable specifications. SFS intec's liability on products found to be defective is exclusively limited to replacement of defective products or at the option of SFS intec, to refund the purchase price. SFS intec, Inc. shall never be liable for any consequential damages. This warranty is expressly in lieu of other warranties, express or implied and whether statutory or otherwise, including any implied warranty of merchantability of fitness for a particular purpose.

INSTALLATION TOOLS

GESIPA® rivet installation tools are covered under a 12 month warranty from the date of purchase from SFS intec, Inc. Normal wearing parts and/or damage due to improper use are excluded from said warranty. SFS intec, Inc. shall never be liable for any consequential damages. This warranty is expressly in lieu of other warranties, express or implied and whether statutory or otherwise, including any implied warranty of merchantability of fitness for a particular purpose.

Technical advice and sales service

SFS intec, Inc.
FasteningSystems
Spring St. & Van Reed Rd.
PO Box 6326
US-Wyomissing, PA 19610

800 234 4533
T +1 610 376 5751
F +1 610 376 8551
us.wysales@sfsintec.biz
www.sfsintecusa.com

SFS intec
Turn ideas into reality.