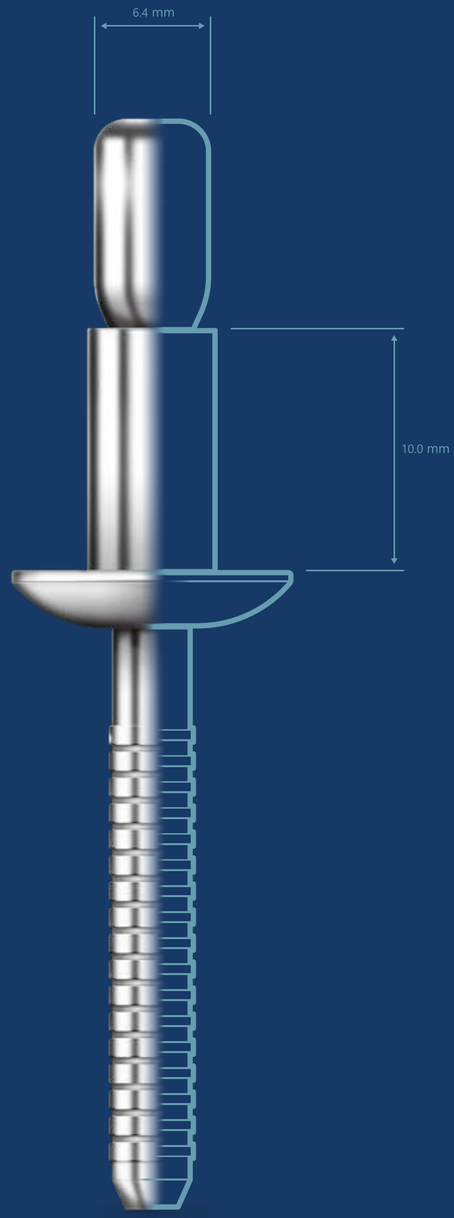
PATTA®



Blind Rivets

Our components, your key

Blind Rivets

Grip Forever

Our Components, Your Key

PATTA®

Professional
provide expertise and know-how in fastener and construction hardware industry

Active
keep improving quality product and service to customers

Trustworthy
with 30-year experience under well-known "PATTA" brand name

Typical
provide unique fastener problem solving

Ambitious
provide a series of activities to meet customers expectation

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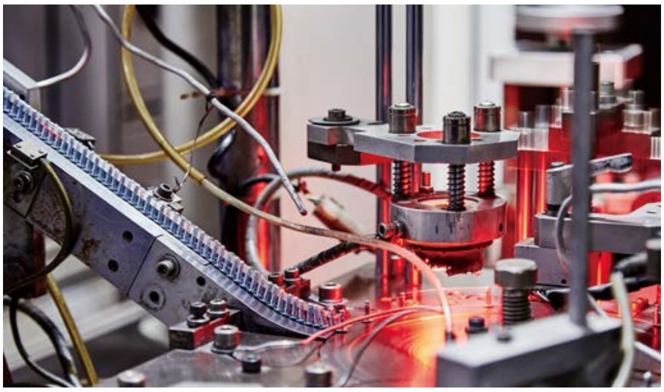


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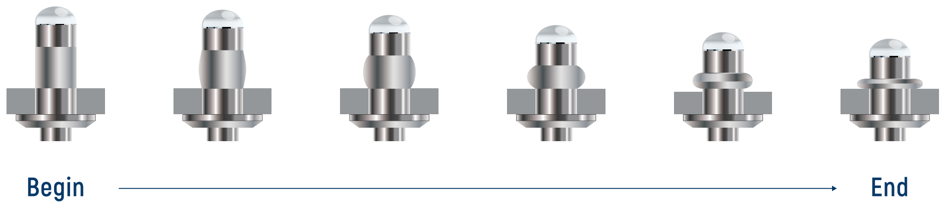
* Technical data shown in the specification table is subject to change without prior notice as per continuous product development and improvement.

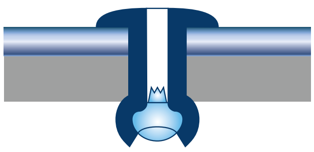
Benefits of Blind Rivet and Structural Blind Rivet

- Low cost
- Fast assembly
- Used in different materials
- Multi-Grip capability
- Retained and locked stems
- Excellent hole fill capabilities

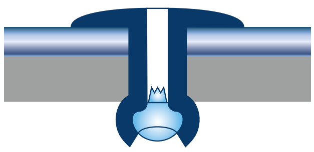


Blind Rivet Overview

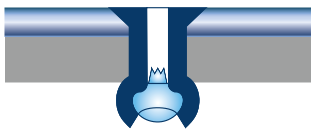
Dome Head



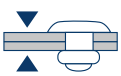
Large Flange Head



Countersunk Head

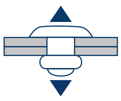


Mechanical Data



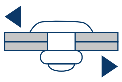
Grip Range

Grip range is the minimum to maximum total thickness of Material which can be joined properly with a blind rivet of a given length.



Tensile

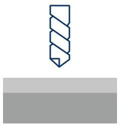
The ultimate tensile strength of blind rivet is the maximum tensile load in pound or newton.



Shear

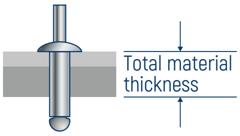
The ultimate shear strength of a blind rivet is the maximum shear load in pound or newton.

How to select the right blind rivets



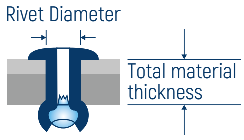
Drill Hole

Select proper size of drilling diameter



Length

Select rivet length per thickness of fastened material.

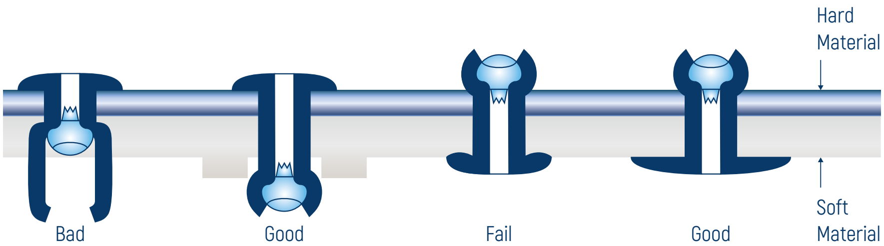


Blind Rivet Diameter and Material

Select rivet in right diameter and material per mechanics and compatibility of fastened material.

Hard to Soft Materials

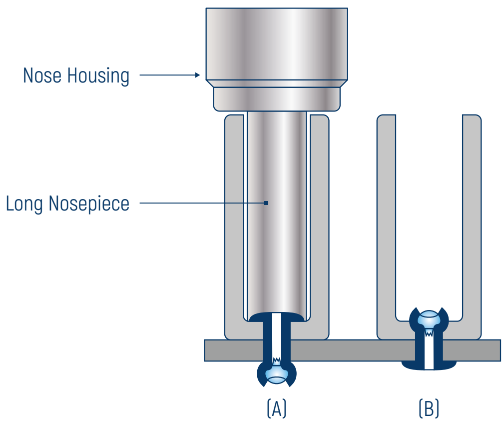
The following illustration is a guide for using standard blind rivets to fasten hard materials to soft materials.



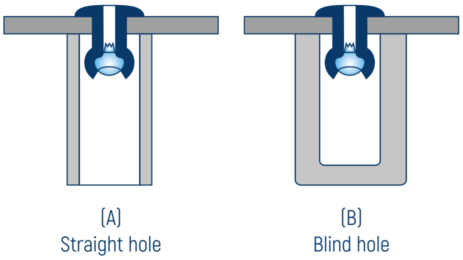
Channel material

A. If the nose housing of the tool is too large in diameter to reach the bottom of channel, use a long nosepiece on the tool.

B. Install the rivet form the opposite side.

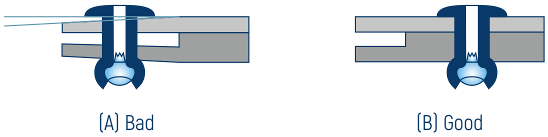


How to Select the Right Blind Rivets



Fastening in a blind hole

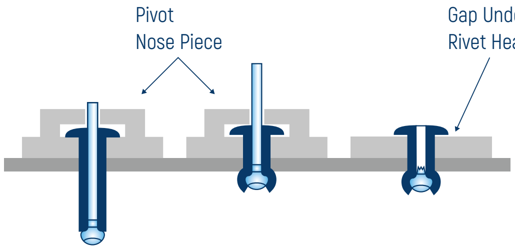
Blind rivets may be set in blind hole or milled slot.
The success of this depends on the material of the parts to be riveted and the material of the rivet.



Gap Fastening

Avoid riveting unsupported internal sections which may result in collapsing, dimpling or bucking the material.

Straight hole



Pivot Fastening

When the fastened part must rotate on the rivet, a "Pivot Style" nosepiece on the rivet tool may be necessary to provide a small gap under the rivet head.

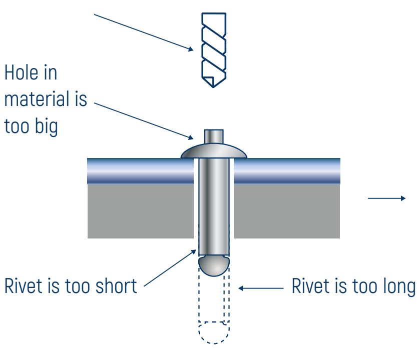
Riveting Plastic Material Select

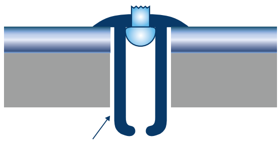
A. Aluminum blind rivets.
B. "Large Flange" blind rivets.
C. "Bulb Tite" blind rivets.

Problems & Suggested Solutions

Possible Cause | **Problems** | **Suggested Solutions**

Joint Failure / Rivet Loose in Assembly



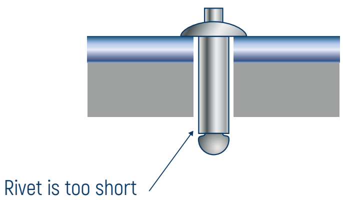


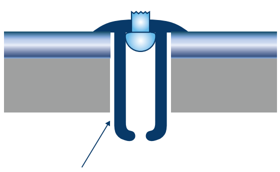
- Oversized hole
- Rivet is too long or short

Select correct drill size for rivet

Select proper size of drilling diameter

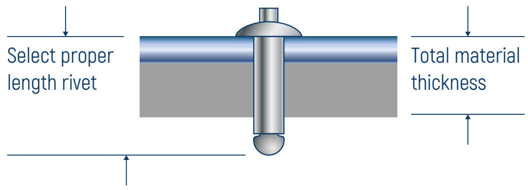
Mandrel Heads Popping Out





- Oversized hole
- Rivet is too short

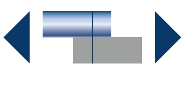
Select proper length rivet

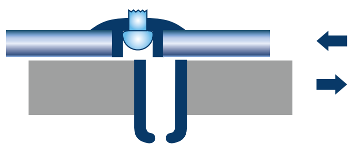


Rivet Shearing

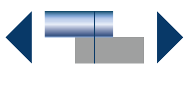
Select incorrect material or diameter

Select rivets in right diameter and material per mechanics & compatibility of fastened material

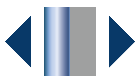




- Rivet used is too soft
- Undersized hole



Shear



Tensile

OP

Open End Blind Rivet

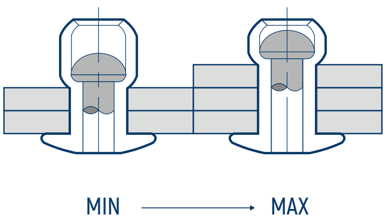
Advantage

Strong but lower cost fastener
Ideal for wide range of application
Available in a variety of materials
Dome, countersunk or large flange head styles
Painted color finishes available to match surrounding

Applications

Office furniture
Automotive
Construction
Building
Leather production

Setting of Open End Blind Rivet

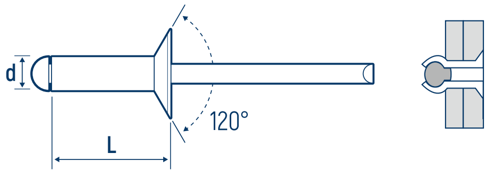


	Body	Mandrel
Material	Aluminum Alloy 5050(Mg 1.1~1.8) 5052(Mg 2.2~2.8) 5154(Mg 3.1~3.9) 5056(Mg 4.5~5.6)	Steel
	Aluminum Alloy 5056 (Al Mg 4.5~5.6)	Stainless Steel
	Steel	Steel
	Stainless Steel	Stainless Steel

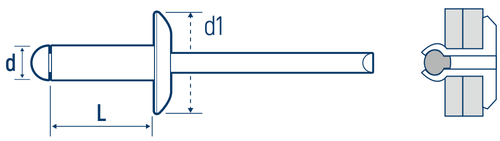
Aluminum standard is 5050, other material can be produced by request

Dome Head Unset Set

Csk Head Unset Set



Large Flange Unset Set



d1: Large flange is available by order
9.5 / 12.0 / 14.0 / 16.0 / 18.0

L= Length, d= Diameter

Technical Specifications

Aluminum Alloy / Steel

Diameter (D)	Length (L) mm	Grip Range mm	Length (L) inch		Grip Range inch	Shear N	Shear lbs	Tensile N	Tensile lbs
2.4mm (3/32") Ø2.5~2.6 (.098~.102)	6.4	2.5 - 4.0	.252	1/4	0.10 - 0.16	250	56	350	79
	8.0	4.0 - 5.5	.315	5/16	0.14 - 0.22				
	10.0	5.5 - 7.5	.394	3/8	0.22 - 0.30				
3.2mm (1/8") Ø3.3~3.4 (.130~.134)	6.4	1.0 - 3.0	.252	1/4	0.04 - 0.12	500	112	700	157
	8.0	3.0 - 5.0	.315	5/16	0.12 - 0.20				
	10.0	5.0 - 6.5	.394	3/8	0.20 - 0.26				
	11.4	6.5 - 8.0	.449	7/16	0.26 - 0.31				
	12.7	8.0 - 9.0	.500	1/2	0.31 - 0.35				
	14.5	9.0 - 10.5	.571	9/16	0.35 - 0.41				
	16.0	10.5 - 12.0	.630	5/8	0.41 - 0.47				
	19.0	12.0 - 14.5	.748	3/4	0.47 - 0.57				
	22.0	14.5 - 17.5	.866	7/8	0.57 - 0.69				
4.0mm (5/32") Ø4.1~4.2 (.161~.165)	6.4	1.0 - 2.5	.252	1/4	0.04 - 0.10	850	191	1200	270
	8.0	2.5 - 4.0	.315	5/16	0.08 - 0.16				
	10.0	4.0 - 6.0	.394	3/8	0.16 - 0.24				
	11.4	6.0 - 7.5	.449	7/16	0.24 - 0.30				
	12.7	7.5 - 8.5	.500	1/2	0.30 - 0.33				
	14.5	8.5 - 10.0	.571	9/16	0.33 - 0.39				
	16.0	10.5 - 11.5	.630	5/8	0.39 - 0.45				
	19.0	11.5 - 14.0	.748	3/4	0.45 - 0.55				
	22.0	14.0 - 17.0	.866	7/8	0.55 - 0.67				
4.8mm (3/16") Ø4.9~5.0 (.193~.197)	8.0	1.5 - 3.5	.315	5/16	0.06 - 0.14	1200	270	1700	382
	10.0	3.5 - 5.5	.394	3/8	0.14 - 0.22				
	11.4	5.5 - 7.0	.449	7/16	0.22 - 0.28				
	12.7	7.0 - 8.0	.500	1/2	0.28 - 0.31				
	14.5	8.0 - 9.5	.571	9/16	0.31 - 0.35				
	16.0	9.5 - 11.0	.630	5/8	0.37 - 0.43				
	19.0	11.0 - 14.0	.748	3/4	0.43 - 0.55				
	22.0	14.0 - 17.0	.866	7/8	0.55 - 0.67				
	25.4	17.0 - 20.0	1	1	0.67 - 0.79				
6.4mm (1/4") Ø6.5~6.6 (.256~.260)	10.0	2.5 - 4.5	.394	3/8	0.10 - 0.18	2200	494	3150	709
	12.7	6.0 - 7.0	.500	1/2	0.24 - 0.28				
	14.5	7.0 - 8.5	.571	9/16	0.28 - 0.35				
	16.0	9.0 - 10.5	.630	5/8	0.35 - 0.41				
	19.0	10.5 - 13.5	.748	3/4	0.41 - 0.53				
	22.0	13.5 - 16.5	.866	7/8	0.53 - 0.65				
	25.4	16.5 - 20.0	1	1	0.65 - 0.79				

Technical Specifications

Aluminum Alloy / Stainless Steel

Diameter (D)	Length (L) mm	Grip Range mm	Length (L) inch		Grip Range inch	Shear N	Shear lbs	Tensile N	Tensile lbs
3.2mm (1/8") Ø3.3~3.4 (.130~.134)	6.0	0.5 - 2.5	.236	1/4	0.02 - 0.10	750	169	1100	247
	8.0	2.5 - 4.5	.315	5/16	0.10 - 0.18				
	10.0	4.5 - 6.0	.394	3/8	0.18 - 0.24				
	12.0	6.0 - 8.0	.472	15/32	0.24 - 0.31				
	14.0	8.0 - 10.0	.551	9/16	0.31 - 0.39				
4.0mm (5/32") Ø4.1~4.2 (.161~.165)	6.0	1.0 - 2.0	.236	1/4	0.04 - 0.08	1250	281	1800	405
	8.0	2.0 - 4.0	.315	5/16	0.08 - 0.16				
	10.0	4.0 - 6.0	.394	3/8	0.16 - 0.24				
	12.0	6.0 - 7.5	.472	15/32	0.24 - 0.30				
	14.0	7.5 - 9.5	.551	9/16	0.30 - 0.37				
	16.0	9.5 - 11.0	.630	5/8	0.37 - 0.43				
	18.0	11.0 - 13.0	.709	11/16	0.43 - 0.51				
	20.0	13.0 - 15.0	.787	13/16	0.51 - 0.59				
4.8mm (3/16") Ø4.9~5.0 (.193~.197)	8.0	1.5 - 3.0	.315	5/16	0.06 - 0.12	1850	416	2600	585
	10.0	3.0 - 5.0	.394	3/8	0.12 - 0.20				
	12.0	5.0 - 7.0	.472	15/32	0.20 - 0.28				
	14.0	7.0 - 9.0	.551	9/16	0.28 - 0.35				
	16.0	9.0 - 10.5	.630	5/8	0.35 - 0.41				
	18.0	10.5 - 12.0	.709	11/16	0.41 - 0.47				
	20.0	12.0 - 14.0	.787	13/16	0.47 - 0.55				
	22.0	14.0 - 16.0	.866	7/8	0.55 - 0.63				
	25.0	16.0 - 19.0	.984	1	0.63 - 0.75				
6.4mm (1/4") Ø6.5~6.6 (.256~.260)	12.0	3.0 - 6.0	.472	15/32	0.12 - 0.24	3400	764	4850	1090
	16.0	6.0 - 10.0	.630	5/8	0.24 - 0.39				
	20.0	10.0 - 14.0	.787	13/16	0.39 - 0.55				
	25.0	14.0 - 19.0	.984	1	0.55 - 0.75				
	30.0	18.0 - 24.0	1.18	1-3/16	0.71 - 0.94				

Technical Specifications

Steel / Steel

Diameter (D)	Length (L) mm	Grip Range mm	Length (L) inch		Grip Range inch	Shear N	Shear lbs	Tensile N	Tensile lbs
3.2mm (1/8″) Ø3.3~3.4 (.130~.134)	6.0	0.5 - 3.0	.236	1/4	0.02 - 0.12	1100	247	1200	270
	8.0	3.0 - 5.0	.315	5/16	0.12 - 0.20				
	10.0	5.0 - 7.0	.394	3/8	0.20 - 0.28				
	12.0	7.0 - 9.0	.472	15/32	0.28 - 0.35				
	14.0	9.0 - 11.0	.551	9/16	0.35 - 0.43				
	16.0	11.0 - 13.0	.630	5/8	0.43 - 0.51				
4.0mm (5/32″) Ø4.1~4.2 (.161~.165)	6.0	1.0 - 2.0	.236	1/4	0.04 - 0.08	1700	382	2200	495
	8.0	2.0 - 4.0	.315	5/16	0.08 - 0.16				
	10.0	4.0 - 6.0	.394	3/8	0.16 - 0.24				
	12.0	6.0 - 8.0	.472	15/32	0.24 - 0.31				
	14.0	8.0 - 10.0	.551	9/16	0.31 - 0.39				
	16.0	10.0 - 12.0	.630	5/8	0.39 - 0.47				
	18.0	12.0 - 14.0	.709	11/16	0.47 - 0.55				
	20.0	14.0 - 16.0	.787	13/16	0.55 - 0.63				
4.8mm (3/16″) Ø4.9~5.0 (.193~.197)	8.0	1.5 - 3.5	.315	5/16	0.06 - 0.14	2900	652	3100	697
	10.0	3.5 - 5.5	.394	3/8	0.14 - 0.22				
	12.0	5.5 - 7.5	.472	15/32	0.22 - 0.30				
	14.0	7.5 - 9.5	.551	9/16	0.30 - 0.37				
	16.0	9.5 - 11.5	.630	5/8	0.37 - 0.45				
	18.0	11.5 - 13.0	.709	11/16	0.45 - 0.51				
	20.0	13.0 - 15.0	.787	13/16	0.51 - 0.59				
	22.0	15.0 - 17.0	.866	7/8	0.59 - 0.67				
	25.0	17.0 - 19.5	.984	1	0.67 - 0.77				
6.4mm (1/4″) Ø6.5~6.6 (.256~.260)	10.0	3.0 - 4.0	.394	3/8	0.12 - 0.16	4900	1102	5700	1281
	12.0	4.0 - 6.0	.472	15/32	0.16 - 0.24				
	16.0	6.0 - 9.0	.630	5/8	0.24 - 0.35				
	20.0	9.0 - 13.0	.787	13/16	0.35 - 0.51				
	25.0	13.0 - 19.0	.984	1	0.51 - 0.75				
	30.0	19.0 - 24.0	1.18	1-3/16	0.75 - 0.94				

Technical Specifications

Stainless Steel / Stainless Steel

Diameter (D)	Length (L) mm	Grip Range mm	Length (L) inch		Grip Range inch	Shear N	Shear lbs	Tensile N	Tensile lbs
3.2mm (1/8") Ø3.3~3.4 (.130~.134)	6.0	1.0 - 3.0	.236	15/64	0.04 - 0.12	1900	427	2500	562
	8.0	3.0 - 5.0	.315	5/16	0.12 - 0.20				
	10.0	5.0 - 7.0	.394	3/8	0.20 - 0.28				
	12.0	7.0 - 9.0	.472	15/32	0.28 - 0.35				
	14.0	9.0 - 11.0	.551	9/16	0.35 - 0.43				
	16.0	11.0 - 13.0	.630	5/8	0.43 - 0.51				
	18.0	13.0 - 15.0	.709	11/16	0.51 - 0.59				
	20.0	15.0 - 17.0	.787	13/16	0.59 - 0.67				
4.0mm (5/32") Ø4.1~4.2 (.161~.165)	6.0	1.0 - 2.0	.236	1/4	0.04 - 0.08	2700	607	3500	787
	8.0	2.0 - 4.0	.315	5/16	0.08 - 0.16				
	10.0	4.0 - 6.0	.394	3/8	0.16 - 0.24				
	12.0	6.0 - 8.0	.472	15/32	0.24 - 0.31				
	14.0	8.0 - 10.0	.551	9/16	0.31 - 0.39				
	16.0	10.0 - 12.0	.630	5/8	0.39 - 0.47				
	18.0	12.0 - 14.0	.709	11/16	0.47 - 0.55				
	20.0	14.0 - 16.0	.787	13/16	0.55 - 0.63				
4.8mm (3/16") Ø4.9~5.0 (.193~.197)	8.0	1.5 - 3.5	.315	5/16	0.06 - 0.14	4000	899	5000	1124
	10.0	3.5 - 5.5	.394	3/8	0.14 - 0.22				
	12.0	5.5 - 7.5	.472	15/32	0.22 - 0.30				
	14.0	7.5 - 9.5	.551	9/16	0.30 - 0.37				
	16.0	9.5 - 11.5	.630	5/8	0.37 - 0.45				
	18.0	11.5 - 13.0	.709	11/16	0.45 - 0.51				
	20.0	13.0 - 15.0	.787	13/16	0.51 - 0.59				
	22.0	15.0 - 17.0	.866	7/8	0.59 - 0.67				
	25.0	17.0 - 20.0	.984	1	0.67 - 0.79				

OP

Painted Rivets

Steel / Steel

Options available to color aluminum and steel-type rivets.
Three head styles: (A) Dome Head, (B) Countersunk Head, (C) Large Flange Head.
All kinds of RAL colors are available on special request, providing a neat, informed finish.

Green	Caulfield Green	Mist Green	RAL 5018	Torres Blue	Mountain Blue	Wheat	Gold

Heritage Red	Tuscan Red	Bronze	Light Bronze	Armour Grey	RAL 9016 White	RAL 9010 Off White	Black

Color Selection

RAL Colors

RAL 6020	RAL 9010	RAL 7040	RAL 7000	RAL 7015	RAL 7024
RAL 1004	RAL 1032	RAL 1035	RAL 3003	RAL 3009	RAL 8025
RAL 8004	RAL 8019	RAL 9011	RAL 6021	RAL 6002	RAL 9006

Sample colors are for reference only, Please refer to an original RAL color card for a precise color reproduction

SE
Sealed Blind Rivet

Advantage

Unique cup shaped end configuration seals tight,
preventing passage of vapor or liquid through set rivet.

Provides greater tensile and shear strength than equivalent open end mandrel retention.

Available in a variety of materials.

Dome or countersunk head style.

Applications

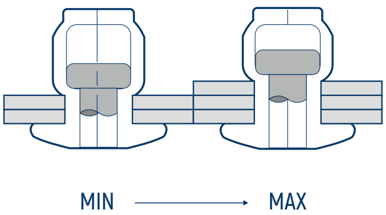
Coach work

Containers

Air Conditioning

Ship building industry & cladding

Setting of Sealed Blind Rivet

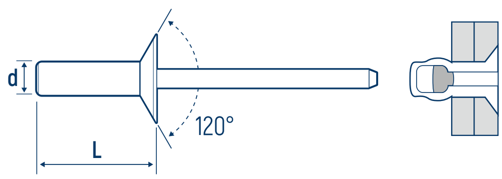


	Body	Mandrel
Material	Aluminum Alloy	Steel
		Stainless steel
	Stainless Steel	Stainless steel
	Copper	Steel
		Stainless steel

Aluminum standard is 5050, other material can be produced by request

Dome Head Unset / Set

Csk Head Unset / Set



d1: Large flange is available by order
9.5 / 12.0 / 14.0 / 16.0 / 18.0

L= Length, d= Diameter

Technical Specifications

Aluminum Alloy / Steel

Diameter (D)	Length (L) mm	Grip Range mm	Length (L) inch		Grip Range inch	Shear N	Shear lbs	Tensile N	Tensile lbs
3.2mm (1/8") Ø3.3~3.4 (.130~.134)	6.5	0.5 - 2.0	.256	1/4	0.02 - 0.08	1100	247	1450	326
	8.0	2.0 - 3.5	.315	5/16	0.08 - 0.14				
	9.5	3.5 - 5.0	.374	3/8	0.14 - 0.20				
	11.0	5.0 - 6.5	.433	7/16	0.20 - 0.26				
	12.5	6.5 - 8.0	.492	1/2	0.26 - 0.31				
4.0mm (5/32") Ø4.1~4.2 (.161~.165)	8.0	0.5 - 3.5	.315	5/16	0.02 - 0.14	1600	360	2200	495
	9.5	3.5 - 5.0	.374	3/8	0.14 - 0.20				
	11.0	5.0 - 6.0	.433	7/16	0.20 - 0.24				
	12.5	6.5 - 8.0	.492	1/2	0.26 - 0.31				
	14.5	8.0 - 10.0	.571	9/16	0.31 - 0.39				
4.8mm (3/16") Ø4.9~5.0 (.193~.197)	8.5	0.5 - 3.5	.335	5/16	0.02 - 0.14	2200	495	3100	697
	9.5	3.5 - 5.0	.374	3/8	0.14 - 0.20				
	11.0	5.0 - 6.0	.433	7/16	0.20 - 0.24				
	13.0	6.5 - 8.0	.512	1/2	0.26 - 0.31				
	14.5	8.0 - 9.5	.571	9/16	0.31 - 0.37				
	16.0	9.5 - 11.0	.630	5/8	0.37 - 0.43				
	18.0	11.0 - 13.0	.709	11/16	0.43 - 0.51				
	21.0	13.0 - 16.0	.827	13/16	0.51 - 0.63				
	25.0	16.0 - 20.0	.984	1	0.63 - 0.79				

Technical Specifications

Cooper / Steel

Diameter (D)	Length (L) mm	Grip Range mm	Length (L) inch		Grip Range inch	Shear N	Shear lbs	Tensile N	Tensile lbs
3.2mm (1/8") Ø3.3~3.4 (.130~.134)	6.5	0.5 - 2.0	.256	1/4	0.02 - 0.08	1100	247	1450	326
	8.0	2.0 - 3.5	.315	5/16	0.08 - 0.14				
	9.5	3.5 - 5.0	.374	3/8	0.14 - 0.20				
	11.0	5.0 - 6.5	.433	7/16	0.20 - 0.26				
	12.5	6.5 - 8.0	.492	1/2	0.26 - 0.31				
4.0mm (5/32") Ø4.1~4.2 (.161~.165)	8.0	0.5 - 3.5	.315	5/16	0.02 - 0.14	1600	360	2200	495
	9.5	3.5 - 5.0	.374	3/8	0.14 - 0.20				
	11.0	5.0 - 6.0	.433	7/16	0.20 - 0.24				
	12.5	6.5 - 8.0	.492	1/2	0.26 - 0.31				
	14.5	8.0 - 10.0	.571	9/16	0.31 - 0.39				
4.8mm (3/16") Ø4.9~5.0 (.193~.197)	8.5	0.5 - 3.5	.335	5/16	0.02 - 0.14	2200	495	3100	697
	9.5	3.5 - 5.0	.374	3/8	0.14 - 0.20				
	11.0	5.0 - 6.0	.433	7/16	0.20 - 0.24				
	13.0	6.5 - 8.0	.512	1/2	0.26 - 0.31				
	14.5	8.0 - 9.5	.571	9/16	0.31 - 0.37				
	16.0	9.5 - 11.0	.630	5/8	0.37 - 0.43				
	18.0	11.0 - 13.0	.709	11/16	0.43 - 0.51				
	21.0	13.0 - 16.0	.827	13/16	0.51 - 0.63				
	25.0	16.0 - 20.0	.984	1	0.63 - 0.79				

Technical Specifications

Stainless steel / Stainless Steel

Diameter (D)	Length (L)	Grip Range	Length (L)		Grip Range	Shear		Tensile	
	mm	mm	inch		inch	N	lbs	N	lbs
3.2mm (1/8″)	6.0	0.5 - 1.5	.236	1/4	0.02 - 0.06				
Ø3.3~3.4 (.130~.134)	8.0	1.5 - 3.0	.315	5/16	0.06 - 0.12				
	10.0	3.0 - 5.0	.394	3/8	0.12 - 0.20	2000	449	2200	494
	12.0	5.0 - 6.5	.472	15/32	0.20 - 0.26				
	14.0	6.5 - 8.0	.551	9/16	0.26 - 0.31				
4.0mm (5/32″)	6.0	0.5 - 1.5	.236	1/4	0.02 - 0.06				
Ø4.1~4.2 (.161~.165)	8.0	1.5 - 3.0	.315	5/16	0.06 - 0.12				
	10.0	3.0 - 5.0	.394	3/8	0.12 - 0.20	3000	674	3500	787
	12.0	5.0 - 6.5	.472	15/32	0.20 - 0.24				
	14.0	6.5 - 8.0	.551	9/16	0.24 - 0.31				
	16.0	8.0 - 11.0	. 6 3	5/8	0.31 - 0.43				
4.8mm (3/16″)	8.0	0.5 - 3.0	.315	5/16	0.02 - 0.12				
Ø4.9~5.0 (.193~.197)	10.0	3.0 - 5.0	.394	3/8	0.12 - 0.20				
	12.0	5.0 - 6.5	.472	15/32	0.20 - 0.26	4000	899	4400	989
	16.0	6.5 - 9.0	.630	5/8	0.26 - 0.35				
	20.0	9.0 - 12.0	.787	13/16	0.35 - 0.47				

DG

Multi-Grip Blind Rivet DG-Series

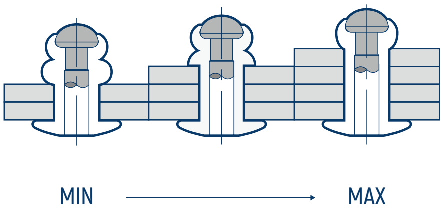
Advantage

Optimum clamp-up force
Accommodates oversized and irregular sized holes
High mandrel head retention
Vibration and moisture resistant
Reduced inventory, it can replace open type up to the size

Applications

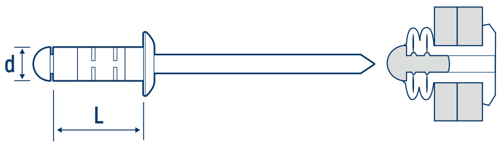
Plastics
Automotive
Furniture industry

Setting of Multi-Grip Blind Rivet

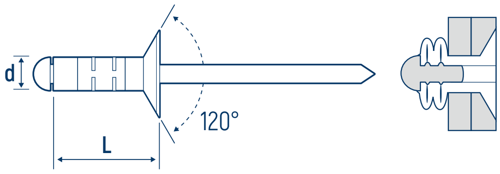


	Body	Mandrel
Material	Aluminum Alloy	Steel
Finish	Polished	Zinc Plated

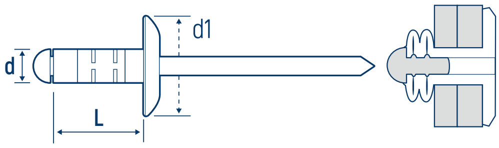
Dome Head Unset Set



Csk Head Unset Set



Large Head Unset Set



d1: Large flange is available by order
9.5 / 12.0 / 14.0 / 16.0 / 18.0

L= Length, d= Diameter

Technical Specifications
Aluminum / Steel

Diameter (D)	Length (L) mm	Grip Range mm	Length (L) inch		Grip Range inch	Shear N	Shear lbs	Tensile N	Tensile lbs
3.2mm (1/8") Ø3.3~3.4 (.130~.134)	8.0	0.8 - 4.8	.315	5/16	0.03 - 0.19	600	135	900	202
	9.5	1.2 - 6.3	.374	3/8	0.05 - 0.25				
	11.0	4.0 - 7.9	.433	7/16	0.16 - 0.31				
	13.5	5.5 - 9.5	.531	9/16	0.22 - 0.37				
4.0mm (5/32") Ø4.1~4.2 (.161~.165)	8.0	0.8 - 4.7	.315	5/16	0.03 - 0.19	900	202	1400	315
	9.8	1.2 - 6.3	.386	3/8	0.05 - 0.25				
	13.0	5.0 - 9.5	.512	1/2	0.20 - 0.37				
	16.5	8.0 - 12.7	.650	5/8	0.31 - 0.50				
4.8mm (3/16") Ø4.9~5.0 (.193~.197)	11.0	1.6 - 6.3	.433	7/16	0.06 - 0.25	1300	292	2100	472
	15.5	4.8 - 11.1	.610	5/8	0.19 - 0.44				
	17.0	6.5 - 12.7	.669	43/64	0.26 - 0.08				
	25.0	14.5 - 19.8	.984	1	0.57 - 0.78				

MG

Multi-Grip Blind Rivet MG-Series

Steel / Steel

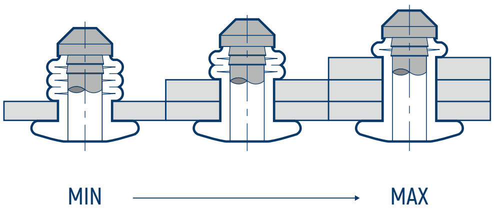
Advantage

Optimum clamp-up force
Accommodates oversized and irregular sized holes
High mandrel head retention
Vibration and moisture resistant
Reduced inventory, it can replace open type up to the size

Applications

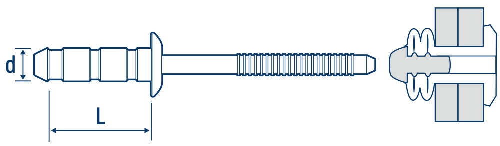
Plastics
Automotive
Furniture industry

Setting of Multi-Grip Blind Rivet

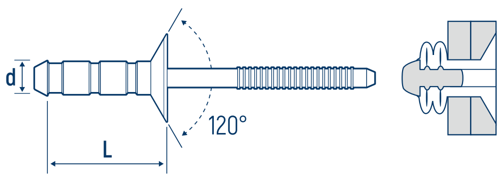


	Body	Mandrel
Material	Steel	Steel
Finish	Zinc Plated	Zinc Plated

Dome Head Unset Set



Csk Head Unset Set



L= Length, d= Diameter

Technical Specifications

Diameter (D)	Length (L) mm	Grip Range mm	Length (L) inch		Grip Range inch	Shear N	Shear lbs	Tensile N	Tensile lbs
3.2mm (1/8") Ø3.3~3.4 (.130~.134)	11.0	1.0 - 6.0	.433	7/16	0.04 - 0.24	900	202	1200	270
4.0mm (5/32") Ø4.1~4.2 (.161~.165)	13.0	2.0 - 8.0	.512	1/2	0.08 - 0.31	1500	337	1800	404
4.8mm (3/16") Ø4.9~5.0 (.193~.197)	10.0	1.5 - 5.1	.394	3/8	0.06 - 0.20	2600	584	2900	652
	11.0	1.5 - 6.3	.433	7/16	0.06 - 0.25				
	14.0	1.5 - 9.0	.551	9/16	0.06 - 0.35				
	17.5	6.3 - 12.7	.689	11/16	0.25 - 0.50				

MG

Multi-Grip Blind Rivet MG-Series

Stainless Steel / Stainless steel

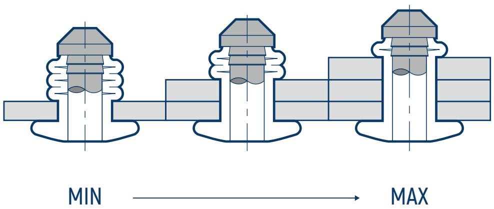
Advantage

Optimum clamp-up force
Accommodates oversized and irregular sized holes
High mandrel head retention
Vibration and moisture resistant
Reduced inventory, it can replace open type up to the size

Applications

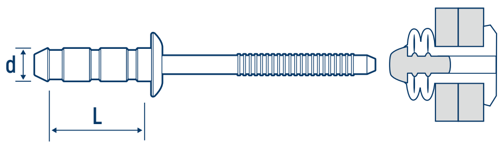
Plastics
Automotive
Furniture industry

Setting of Multi-Grip Blind Rivet

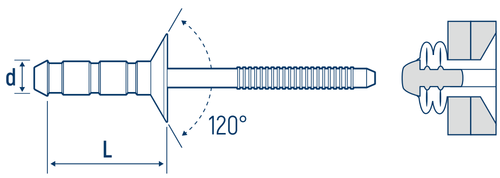


	Body	Mandrel
Material	Stainless Steel	Stainless Steel
Finish	Polished	Polished

Dome Head Unset / Set



Csk Head Unset / Set



L= Length, d= Diameter

Technical Specifications

Diameter (D)	Length (L) mm	Grip Range mm	Length (L) inch		Grip Range inch	Shear N	Shear lbs	Tensile N	Tensile lbs
3.2mm (1/8") Ø3.3~3.4 (.130~.134)	11.0	1.0 - 6.0	.433	7/16	0.04 - 0.24	1600	360	1900	427
4.0mm (5/32") Ø4.1~4.2 (.161~.165)	13.0	2.0 - 8.0	.512	1/2	0.08 - 0.31	2400	539	3200	719
4.8mm (3/16") Ø4.9~5.0 (.193~.197)	14.0	1.5 - 9.0	.551	9/16	0.06 - 0.35	4100	921	4500	1011

HK

High Strength Blind Rivet HK-Lok

Steel / Steel

Advantage

Locked, rattle free mandrel.

Superior shear and tensile strength, soft and brittle materials inclusive.

Provides excellent integrity.

Fills irregular holes.

Applications

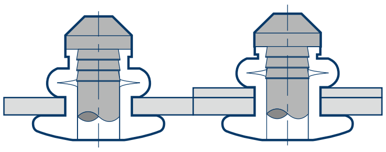
Automotive industry

Truck building

Construction work

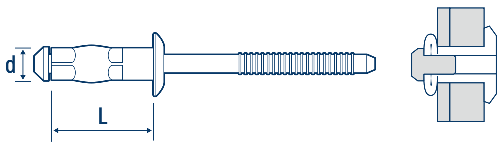
Coach work

Setting of High Strength Blind Rivet



	Body	Mandrel
Material	Steel	Steel
Finish	Zinc Plated	Zinc Plated

Dome Head Unset Set



L= Length, d= Diameter

Technical Specifications

Diameter (D)	Length (L) mm	Grip Range mm	Length (L) inch		Grip Range inch	Shear N	Shear lbs	Tensile N	Tensile lbs
3.2mm (1/8") Ø3.3~3.4 (.130~.134)	7.0	1.0 - 3.0	.276	9/32	0.04 - 0.12	1200	270	1300	292
	9.0	3.0 - 5.0	.354	11/32	0.12 - 0.20				
	11.0	5.0 - 7.0	.433	7/16	0.20 - 0.28				
4.0mm (5/32") Ø4.1~4.2 (.161~.165)	8.0	1.0 - 3.0	.315	5/16	0.04 - 0.12	2000	249	2200	494
	10.0	3.0 - 5.0	.394	3/8	0.12 - 0.20				
	12.0	5.0 - 7.0	.472	15/32	0.20 - 0.28				
	14.0	7.0 - 9.0	.551	9/16	0.28 - 0.35				
4.8mm (3/16") Ø4.9~5.0 (.193~.197)	9.5	1.5 - 3.5	.374	3/8	0.06 - 0.14	3100	670	3300	742
	12.0	3.5 - 6.0	.472	15/32	0.14 - 0.24				
	14.5	6.0 - 8.5	.571	9/16	0.24 - 0.33				

HK

High Strength Blind Rivet HK-Lok

Stainless Steel / Stainless steel

Advantage

Locked, rattle free mandrel.

Superior shear and tensile strength, soft and brittle materials inclusive.

Provides excellent integrity.

Fills irregular holes.

Applications

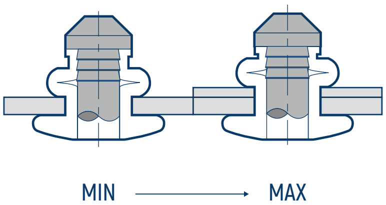
Automotive industry

Truck building

Construction work

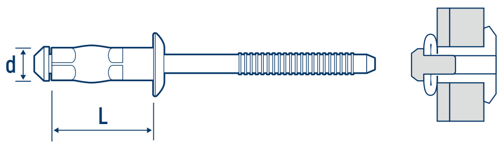
Coach work

Setting of High Strength Blind Rivet



	Body	Mandrel
Material	Stainless Steel	Stainless Steel
Finish	Polished	Polished

Dome Head Unset / Set



L= Length, d= Diameter

Technical Specifications

Diameter (D)	Length (L) mm	Grip Range mm	Length (L) inch		Grip Range inch	Shear N	Shear lbs	Tensile N	Tensile lbs
3.2mm (1/8") Ø3.3~3.4 (.130~.134)	7.0	1.0 - 3.0	.276	9/32	0.04 - 0.12	1600	360	2000	449
	9.0	3.0 - 5.0	.354	11/32	0.12 - 0.20				
	11.0	5.0 - 7.0	.433	7/16	0.20 - 0.28				
4.0mm (5/32") Ø4.1~4.2 (.161~.165)	8.0	1.0 - 3.0	.315	5/16	0.04 - 0.12	2800	629	3800	854
	10.0	3.0 - 5.0	.394	3/8	0.12 - 0.20				
	12.0	5.0 - 7.0	.472	15/32	0.20 - 0.28				
4.8mm (3/16") Ø4.9~5.0 (.193~.197)	9.5	1.5 - 3.5	.374	3/8	0.06 - 0.14	3900	876	5000	1124
	12.0	3.5 - 6.0	.472	15/32	0.14 - 0.24				
	14.5	6.0 - 8.5	.571	9/16	0.24 - 0.33				

HP

High Strength Blind Rivet HP-Lok

Steel / Steel

Advantage

Locked, rattle free mandrel.

Superior shear and tensile strength, soft and brittle materials inclusive.

Provides excellent integrity.

Fills irregular holes.

Applications

Automotive industry

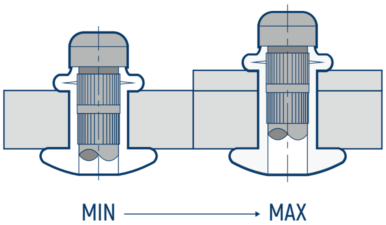
Truck building

Containers

Construction work

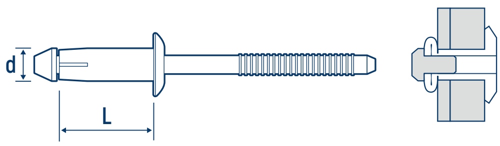
Coach work

Setting of High Strength Blind Rivet

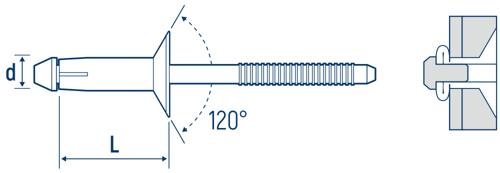


	Body	Mandrel
Material	Steel	Steel
Finish	Zinc Plated	Zinc Plated

Dome Head Unset Set



Csk Head Unset Set



L= Length, d= Diameter

Technical Specifications

Diameter (D)	Length (L) mm	Grip Range mm	Length (L) inch		Grip Range inch	Shear N	Shear lbs	Tensile N	Tensile lbs
6.4mm (1/4") Ø6.7~6.9 (.264~.272)	10.5	2.0 - 4.5	.413	13/32	0.08 - 0.18	10780	2423	7930	1783
	12.5	3.0 - 6.5	.492	1/2	0.16 - 0.26	12250	2754		
	14.5	5.0 - 8.5	.571	9/16	0.20 - 0.34	13720	3084		
	16.5	7.0 - 10.5	.650	5/8	0.30 - 0.41	14210	3195		
	18.5	9.0 - 12.5	.728	3/4	0.35 - 0.49	15386	3459		
	20.5	11.0 - 14.5	.807	13/16	0.43 - 0.57				
	22.5	13.0 - 16.5	.886	7/8	0.51 - 0.65				
	24.5	15.0 - 18.5	.965	31/32	0.59 - 0.73				
	26.5	17.0 - 20.5	1.043	1-1/16	0.67 - 0.81				
	28.5	19.0 - 22.5	1.122	1-1/8	0.78 - 0.89				

HP

High Strength Blind Rivet HP-Lok

Aluminum Alloy / Aluminum Alloy

Advantage

Locked, rattle free mandrel.

Superior shear and tensile strength, soft and brittle materials inclusive.

Provides excellent integrity.

Fills irregular holes.

Applications

Automotive industry

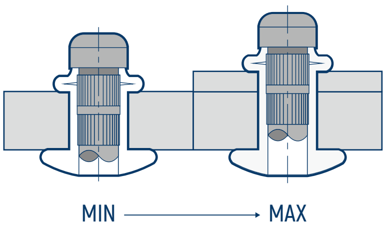
Truck building

Containers

Construction work

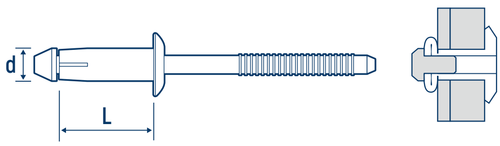
Coach work

Setting of High Strength Blind Rivet

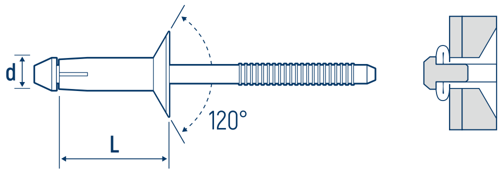


	Body	Mandrel
Material	Aluminum Alloy	Aluminum Alloy
Finish	Polished	Polished

Dome Head Unset — Set



Csk Head Unset — Set



L= Length, d= Diameter

Technical Specifications

Diameter (D)	Length (L) mm	Grip Range mm	Length (L) inch		Grip Range inch	Shear N	Shear lbs	Tensile N	Tensile lbs
6.4mm (1/4") Ø6.7~6.8 (.264~.268)	10.5	2.8 - 4.8	.413	13/32	0.11 - 0.19	4000	899	2850	640
	12.5	4.8 - 6.8	.492	1/2	0.19 - 0.27				
	14.5	6.8 - 8.8	.571	9/16	0.27 - 0.35				
	16.5	8.8 - 10.8	.650	5/8	0.35 - 0.43				
	18.5	10.8 - 12.8	.728	3/4	0.43 - 0.50				
	20.5	12.8 - 14.8	.807	13/16	0.50 - 0.58				

IB

Anlock Blind Rivet In-Bolt

Aluminum Alloy / Aluminum Alloy

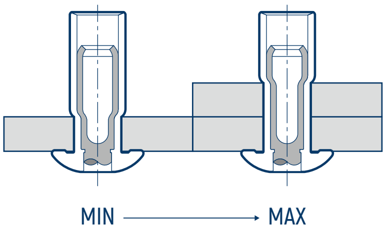
Advantage

High shear and tensile strength
Superior holding power (clamp up)
Fastens over wide grip range
Locking feature prevents loosening of mandrel from vibration

Applications

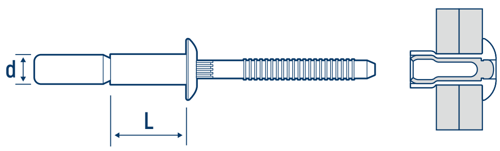
Automotive industry
Truck building
Containers
Construction work
Coach work

Setting of Anlock Blind Rivet

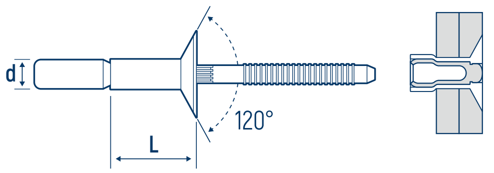


	Body	Mandrel
Material	Aluminum Alloy	Aluminum Alloy
Finish	Polished	Polished

Dome Head Unset   Set



Csk Head Unset   Set



L= Length, d= Diameter

Technical Specifications

Diameter (D)	Length (L) mm	Grip Range mm	Length (L) inch		Grip Range inch	Shear N	Shear lbs	Tensile N	Tensile lbs
4.8mm (3/16") Ø4.9~5.1 (.193~.200)	10.0	1.57 - 6.86	.394	3/8	0.06 - 0.27	2660	598	2000	449
	14.0	1.57 - 11.10	.551	9/16	0.06 - 0.44				
6.4mm (1/4") Ø6.6~6.9 (.260~.272)	14.0	2.03 - 9.53	.551	9/16	0.08 - 0.38	5780	1300	3690	829
	20.0	2.03 - 15.88	.787	13/16	0.08 - 0.63				

IB

Anlock Blind Rivet In-Bolt

Steel / Steel

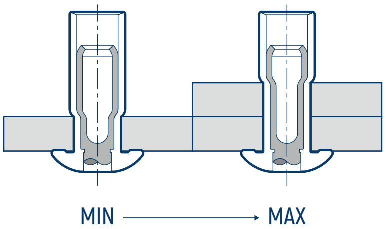
Advantage

High shear and tensile strength
Superior holding power (clamp up)
Fastens over wide grip range
Locking feature prevents loosening of mandrel from vibration

Applications

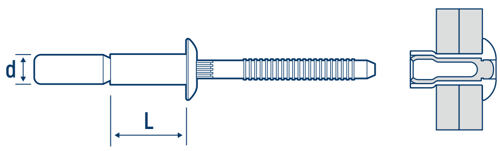
Automotive industry
Truck building
Containers
Construction work
Coach work

Setting of Anlock Blind Rivet

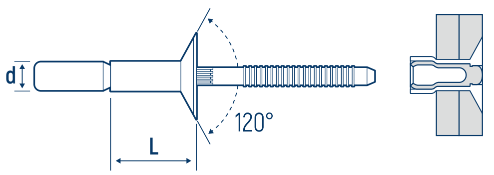


	Body	Mandrel
Material	Steel	Steel
Finish	Zinc Plated	Zinc Plated

Dome Head Unset / Set



Csk Head Unset / Set



L= Length, d= Diameter

Technical Specifications

Diameter (D)	Length (L) mm	Grip Range mm	Length (L) inch		Grip Range inch	Shear N	Shear lbs	Tensile N	Tensile lbs
4.8mm (3/16") Ø4.9~5.1 (.193~.200)	10.0	1.57 - 6.86	.394	3/8	0.06 - 0.27	5780	1300	4440	998
	14.0	1.57 - 11.10	.551	9/16	0.06 - 0.44				
6.4mm (1/4") Ø6.6~7.0 (.260~.276)	14.0	2.03 - 9.53	.551	9/16	0.08 - 0.38	11120	2500	8220	1847
	20.0	2.03 - 15.88	.787	13/16	0.08 - 0.63				

IB

Anlock Blind Rivet In-Bolt

Stainless Steel / Stainless Steel

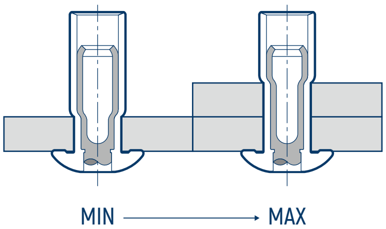
Advantage

High shear and tensile strength
Superior holding power (clamp up)
Fastens over wide grip range
Locking feature prevents loosening of mandrel from vibration

Applications

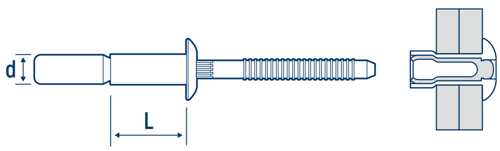
Automotive industry
Truck building
Containers
Construction work
Coach work

Setting of Anlock Blind Rivet

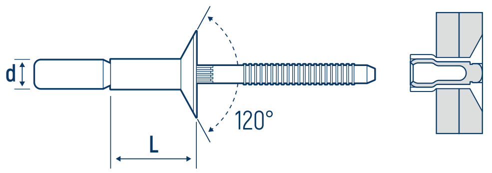


	Body	Mandrel
Material	Stainless Steel	Stainless Steel
Finish	Polished	Polished

Dome Head Unset / Set



Csk Head Unset / Set



L= Length, d= Diameter

Technical Specifications

Diameter (D)	Length (L) mm	Grip Range mm	Length (L) inch		Grip Range inch	Shear N	Shear lbs	Tensile N	Tensile lbs
4.8mm (3/16") Ø4.9~5.1 (.193~.200)	10.0	1.57 - 6.86	.394	3/8	0.06 - 0.27	5780	1300	4440	998
	14.0	1.57 - 11.10	.551	9/16	0.06 - 0.44				
6.4mm (1/4") Ø6.6~7.0 (.260~.276)	14.0	2.03 - 9.53	.551	9/16	0.08 - 0.38	10670	2398	8220	1847
	20.0	2.03 - 15.88	.787	13/16	0.08 - 0.63				

OB

Anlock Blind Rivet Out-Bolt

Steel / Steel

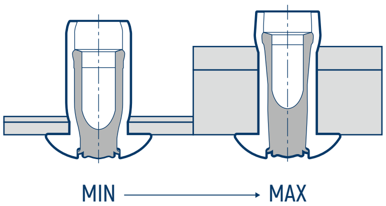
Advantage

High shear and tensile strength
Superior holding power (clamp up)
Fastens over wide grip range
Locking feature prevents loosening of mandrel from vibration

Applications

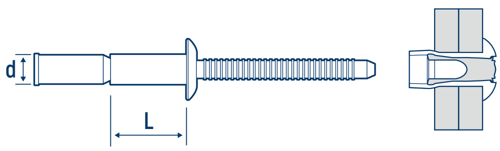
Automotive industry
Truck building
Containers
Construction work
Coach work

Setting of Anlock Blind Rivet

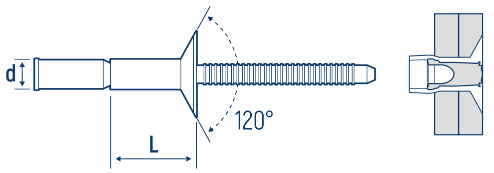


	Body	Mandrel
Material	Steel	Steel
Finish	Zinc Plated	Zinc Plated

Dome Head Unset / Set



Csk Head Unset / Set



L= Length, d= Diameter

Technical Specifications

Diameter (D)	Length (L) mm	Grip Range mm	Length (L) inch		Grip Range inch	Shear N	Shear lbs	Tensile N	Tensile lbs
4.8mm (3/16") Ø4.9~5.1 (.193~.200)	10.0	1.63 - 6.86	.394	3/8	0.06 - 0.27	6440	1450	5110	1150
	14.0	1.63 - 11.10	.551	9/16	0.06 - 0.44				
6.4mm (1/4") Ø6.6~7.0 (.260~.276)	14.0	2.03 - 9.53	.551	9/16	0.08 - 0.38	10500	2360	8200	1843
	19.0	2.03 - 15.88	.748	3/4	0.08 - 0.63				

BT

Bulb Tite Blind Rivet

Aluminum Alloy / Aluminum Alloy

Advantage

Excellent for brittle and soft materials like plastics

Extra large secondary head provides more bearing surface

With the wide spreading tail, this rivet has a greater tolerance of oversized holes and offer a wide grip range

Applications

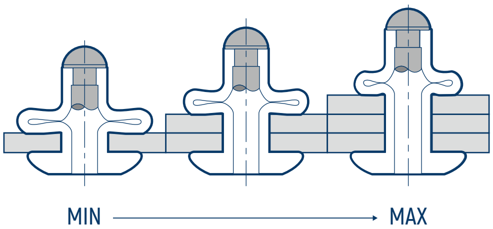
Soft material such as wood

Insulation

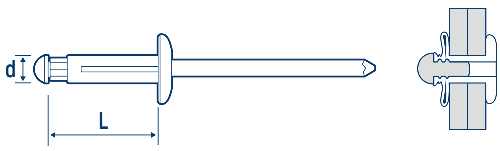
Plastic

Plaster boards

Setting of Bulb Tite Blind Rivet



Dome Head Unset Set



L= Length, d= Diameter

	Body	Mandrel
Material	Aluminum Alloy	Aluminum Alloy
Finish	Polished	Polished

Technical Specifications

Diameter (D)	Length (L) mm	Grip Range mm	Length (L) inch		Grip Range inch	Shear N	Shear lbs	Tensile N	Tensile lbs
4.0mm (5/32") Ø4.2~4.5 (.165~.177)	13.6	1.0 - 3.0	.535	9/16	0.04 - 0.12	600	135	1000	225
	18.8	1.0 - 7.0	.740	3/4	0.04 - 0.28				
	20.5	1.0 - 8.5	.807	13/16	0.04 - 0.33				
	25.2	5.0 - 12.0	.992	1	0.20 - 0.47				
4.8mm (3/16") Ø5.0~5.25 (.197~.207)	16.0	1.0 - 4.0	.630	5/8	0.04 - 0.16	780	175	1070	240
	21.0	1.0 - 9.0	.827	13/16	0.04 - 0.35				
	24.0	4.0 - 12.0	.945	15/16	0.16 - 0.47				

SB

Structural Bulb Tite Blind Rivet

Aluminum Alloy / Aluminum Alloy

Advantage

Provides strong, vibration resistant joints

Split tail formation provides a very large blind-side bearing area against the rear sheet

One fastener can often be used to replace several standard grip fasteners

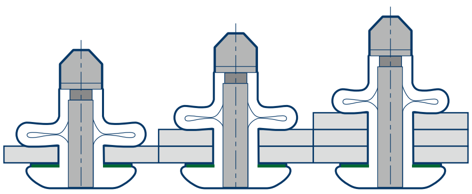
Ideal for large construction applications

Applications

Construction

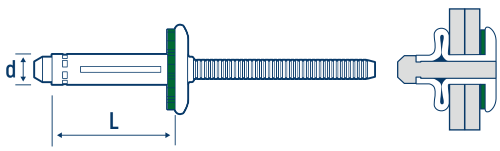
Domestic application

Setting of Structural Bulb Tite Blind Rivet



MIN → MAX

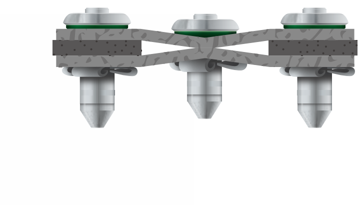
Dome Head Unset / Set



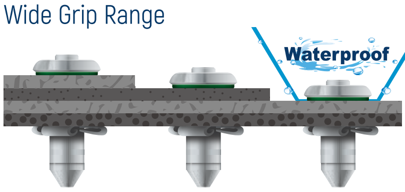
L= Length, d= Diameter

	Body	Mandrel
Material	Aluminum Alloy	Aluminum Alloy
Finish	Polished	Polished

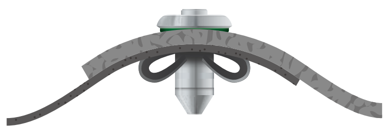
High Clamp strength



Wide Grip Range



Curved Components



Technical Specifications

Diameter (D)	Length (L) mm	Grip Range mm	Length (L) inch		Grip Range inch	Shear N	Shear lbs	Tensile N	Tensile lbs
7.7mm (5/16") Ø7.8~8.2 (.307~.323)	27.7	1.1 - 9.5	1.09	1-3/32	0.04 - 0.37	6650	1494	4850	1090
	34.0	6.35 - 15.87	1.34	1-5/16	0.25 - 0.62				

PE

Peel Blind Rivet

Aluminum Alloy / Steel

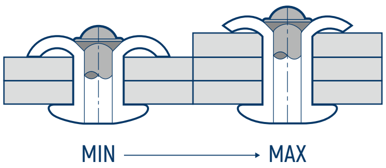
Advantage

Provide large secondary bearing surface
Exceptional pull-up / clamp-up properties

Applications

Plasterboard
Furniture
Plastic-framed windows properties

Setting of Peel Blind Rivet



Dome Head Unset Set

L= Length, d= Diameter

	Body	Mandrel
Material	Aluminum Alloy	Steel
Finish	Zinc Plated	Zinc Plated

Technical Specifications

Diameter (D)	Length (L) mm	Grip Range mm	Length (L) inch		Grip Range inch	Shear N	Shear lbs	Tensile N	Tensile lbs
3.2mm (1/8″) Ø3.4 (.134)	6.0	1.0 - 2.5	.236	1/4	0.04 - 0.10	750	169	900	202
	8.0	2.5 - 4.5	.315	5/16	0.10 - 0.18				
	10.0	4.5 - 6.5	.394	3/8	0.18 - 0.26				
	12.0	6.5 - 8.0	.472	15/32	0.26 - 0.31				
	16.0	8.0 - 11.5	.630	5/8	0.31 - 0.45				
	20.0	11.5 - 15.0	.787	13/16	0.45 - 0.59				
4.0mm (5/32″) Ø4.2 (.165)	8.0	1.0 - 4.0	.315	5/16	0.04 - 0.16	1250	281	1500	337
	10.0	4.0 - 5.5	.394	3/8	0.16 - 0.22				
	12.0	5.5 - 7.5	.472	15/32	0.22 - 0.30				
	16.0	7.5 - 11.0	.630	5/8	0.30 - 0.43				
	20.0	11.0 - 15.0	.787	13/16	0.43 - 0.59				
	25.0	15.0 - 19.0	.984	1	0.59 - 0.75				
4.8mm (3/16″) Ø5.0 (.197)	10.0	2.5 - 5.0	.394	3/8	0.10 - 0.20	1850	416	2000	449
	12.0	4.5 - 7.0	.472	15/32	0.18 - 0.28				
	14.0	6.5 - 9.0	.551	9/16	0.26 - 0.35				
	16.0	8.5 - 10.0	.630	5/8	0.33 - 0.39				
	18.0	9.5 - 12.0	.709	11/16	0.37 - 0.47				
	20.0	11.5 - 14.0	.787	13/16	0.45 - 0.55				
	25.0	13.5 - 19.0	.984	1	0.53 - 0.75				
	30.0	19.0 - 23.0	1.180	1-3/16	0.75 - 0.91				
	35.0	23.0 - 28.0	1.378	1-3/8	0.91 - 1.10				
	40.0	28.0 - 33.0	1.575	1-9/16	1.10 - 1.30				

DR

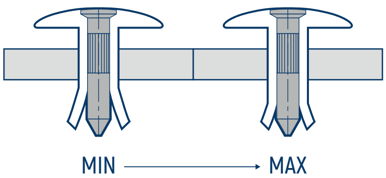
Drive Rivet

Aluminum Alloy / Stainless steel

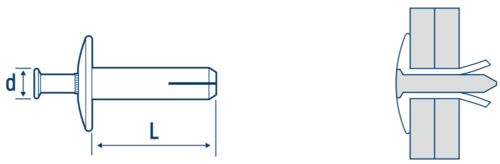
Advantage
Easy to set
Mandrel is locked in the body
Various material friendly(wood, plastic, material ...etc)ss steel

Applications
Swimming pool liners
Roofing
Building
Connection: stone, brick or concrete.....etc.

Setting of Drive Rivet



Dome Head Unset Set



L= Length, d= Diameter

	Body	Mandrel
Material	Aluminum Alloy	Stainless Steel
Finish	Polished	Polished

Technical Specifications

Diameter (D)	Length (L) mm	Grip Range mm	Length (L) inch		Grip Range inch	Shear N	Shear lbs	Tensile N	Tensile lbs
4.8mm (3/16") Ø4.9~5.0 (.193~.197)	10.0	3.7 - 6.2	.394	3/8	0.15 - 0.24	3400	764	2000	449
	16.0	9.7 - 12.2	.630	5/8	0.38 - 0.48				
	20.0	13.7 - 16.2	.787	13/16	0.54 - 0.64				
	25.0	18.7 - 21.2	.984	1	0.74 - 0.83				
	30.0	23.7 - 26.2	1.18	1-3/16	0.93 - 1.03				
	35.0	28.7 - 31.2	1.378	1-3/8	1.13 - 1.23				
	40.0	33.7 - 36.2	1.575	1-9/16	1.33 - 1.43				

PATTA Blind Rivet Index

		Features / Advantages	Materials Available
OP Open End p.10		Strong but lower cost fastener Ideal for a wide range of applications Available in a variety of materials Dome, countersunk or large flange head style Painted finishes available to match surrounding color	Aluminum / Steel Aluminum / Stainless steel Steel / Steel Stainless steel / Stainless steel
SE Sealed p.16		Unique cup shaped end configuration seals tight Preventing passage of vapor or liquid through set rivet Mandrel retention Available in a variety of materials Dome or countersunk head style	Aluminum / Steel, Stainless Steel Stainless steel / Stainless steel Copper / Steel, Stainless steel
DG Multi-Grip DG-Series p.20		Optimum clamp-up force Accommodates oversized and irregular sized holes High mandrel head retention Vibration and moisture resistant	Aluminum / Steel
MG Multi-Grip MG-Series p.22		Optimum clamp-up force Accommodates oversized and irregular sized holes High mandrel head retention Vibration and moisture resistant	Steel/ Steel Stainless steel / Stainless steel
HK High Strength HK-Lok p.24		Locked, rattle free mandrel Superior shear and tensile strength, soft and brittle Materials inclusive Provides excellent integrity Fills irregular holes	Steel/ Steel Stainless steel / Stainless steel
HP High Strength HP-Lok p.26		Locked, rattle free mandrel Superior shear and tensile strength, soft and brittle Materials inclusive Provides excellent integrity Fills irregular holes	Steel/ Steel Aluminum / Aluminum

		Features / Advantages	Materials Available
IB Anlock In-Bolt p.28		High shear and tensile strength Superior holding power (clamp-up) Fastens over wide grip range Locking feature prevents loosening of mandrel from vibration	Aluminum / Aluminum Steel / Steel Stainless steel / Stainless steel
OB Anlock Out-Bolt p.31		High shear and tensile strength Superior holding power (clamp-up) Fastens over wide grip range Locking feature prevents loosening of mandrel from vibration	Steel / Steel
BT Bulb Tite p.32		Resists pull-out and cracking the Work piece Excellent for brittle and soft materials like plastics Extra large secondary head provides more bearing surface With the wide spreading tail, this rivet has a greater tolerance of oversized holes and offers a wide grip range	Aluminum / Aluminum
SB Structural Bulb Tite p.33		Resists pull-out and cracking the Work piece Provides strong, vibration resistant joints Split tail formation provides a vary large blind side bearing area against the rear sheet One fastener can often be used to replace several standard grip fasteners Ideal for large construction application	Aluminum / Aluminum
PE Peel p.34		Provides large secondary bearing surface Exceptional pull-up / clamp-up properties	Aluminum / Steel
DR Drive Rivet p.35		Easy to set Mandrel is locked in the body Various materials friendly (wood, plastic, metal...etc.)	Aluminum / Stainless Steel

Multi-Function Hand Riveter

HR-901N

HR-902N

HR-908N

HR-901N

Specification

Body made of steel Tool dimension: 10 inch / 250mm

Supported Rivet

Specialized for OP type

	2.4mm (3/32")	3.2mm (1/8")	4.0mm (5/32")	4.8mm (3/16")
Alum/Steel	◉	◉	◉	◉

HR-902N

Specification

Aluminum alloy body Tool dimension: 10 inch / 250mm

Supported Rivet

Specialized for OP type

	2.4mm (3/32")	3.2mm (1/8")	4.0mm (5/32")	4.8mm (3/16")
Alum/Steel	◉	◉	◉	◉
All Steel	◉	◉	◉	

HR-908N

Specification

Cross pin made by alloy steel Tool Dimension: 10 inches / 250mm

Supported Rivet

Specialized for OP type

	2.4mm (3/32")	3.2mm (1/8")	4.0mm (5/32")	4.8mm (3/16")
Alum/Steel	◉	◉	◉	◉
All Steel	◉	◉	◉	◉
Stainless/Steel	◉	◉	◉	◉
All Stainless	◉	◉	◉	

Heavy Duty Long Arm Riveter

HR-701

Specification

Tool Length: 11 inch / 280mm

Supported Rivet

Specialized for OP type

	2.4mm (3/32")	3.2mm (1/8")	4.0mm (5/32")	4.8mm (3/16")
Alum/Steel	◉	◉	◉	◉
All Steel	◉	◉	◉	◉
Stainless/Steel	◉	◉	◉	
All Stainless	◉	◉	◉	

Heavy Duty Long Arm Riveter

HR-702

Specification

Cross pin made by alloy steel

Tool Dimension: 10 inches / 250mm

Supported Rivet

Specialized for OP type

	2.4mm (3/32")	3.2mm (1/8")	4.0mm (5/32")	4.8mm (3/16")
Alum/Steel	◉	◉	◉	◉
All Steel	◉	◉	◉	
Stainless/Steel	◉	◉	◉	
All Stainless	◉	◉	◉	

Folding Heavy Duty Riveter

HR-8000-1N

Specification

Tool Length: 12 inch / 305mm

Supported Rivet

Specialized for OP type

	3.2mm (1/8")	4.0mm (5/32")	4.8mm (3/16")	6.4mm (1/4")
Alum/Steel	◉	◉	◉	◉
All Steel	◉	◉	◉	◉
All Stainless	◉	◉	◉	

Nut / Thread Setting Hand Riveter

HN-901

Specification

Tool Dimension: 13 inches / 330mm

Mandrel capacity

M3(#6), M4(#8), M5(#10),
M6(#1/4), M8(#5/16),
M10(#3/8)

Standard accessory

M5(#10), M6(#1/4), M8(#5/16)
M3(#6), M4(#8), M10(#3/8),
M12(#3/8)
are also available for order.

Brand Packaging System

From tools to fasteners, PATTA's packaging reflects precision, performance, and professionalism.

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ISO 9001

CE Marking

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