



Honesty · Profession · Service



3 Star Rivets Manufacture

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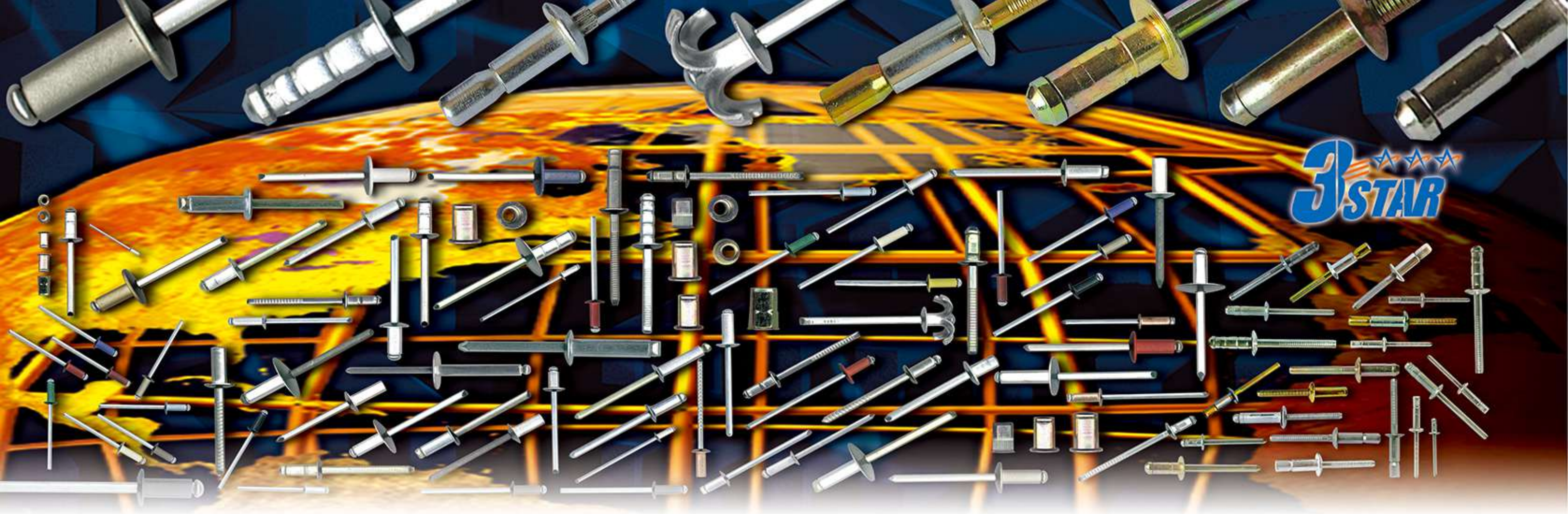
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[Http://www.3starrivet.com](http://www.3starrivet.com)

3 Star Rivets Manufacture



大规模生产线和制造能力

Large Scale Product Line and Manufacture Ability

Established in 1990, 3 Star Rivets Manufacture is one of the leading manufacturers of rivets, especially structural rivets in China. Now our annual production capacity reaches 1.5 billion pieces, within which 80 million are structural rivets. About 90% of our products are exported to Germany, USA, France, Italy, New Zealand, Southeast Asia and other countries. We have established data file according to the standard of IFI & DIN. We have passed ISO 9001:2000 Quality System Authentication and founded an advanced test center.

Our main advantage is structural rivets, we can manufacture various rivets in aluminum, steel and stainless steel, such as S-Bolt, S-Lock, Hem-Fix, S-Bulb, Multi-grip, Uni-grip, Sealed type, etc. as photo shows.

Normal blind rivets have been our most skilled and experienced products.

We began to supply blind rivets to our customers ever since our company's foundation.

And now our company is recognized as one of the best specialized manufacturer of rivets in China.

Additionally, we also supply high quality riveting tool as picture shows.

Our high quality products has won us a great market and many powerful cooperative partners throughout the world.

We supply products to automobile and electric industry.

Our partners in these fields include SCHNEIDER, General Electric, etc.

Most of our equipments are imported from Italy and Taiwan.

All above ensure our supply of high quality products and timely delivery for our customers.

If you are interested or have any question or need for inquiry, catalogue or samples, do not hesitate to contact us please. We will send you our catalogue and samples for your test and evaluation.

铆钉产品包括: The rivets include:

- ◆多种材质的铝/钢开口型
 - ◆全铝开口型
 - ◆铝不锈钢开口型
 - ◆全钢开口型
 - ◆全不锈钢开口型
 - ◆不锈钢/钢开口型
 - ◆铜/钢开口型
 - ◆铜/不锈钢开口型
 - ◆铝/钢双鼓型
 - ◆铝/不锈钢双鼓型
 - ◆全钢多鼓型
 - ◆全不锈钢双鼓/多鼓型
 - ◆开花型
 - ◆沟槽型
 - ◆各种材质大帽开口型
 - ◆RAL多种烤漆铆钉
 - ◆全钢单鼓型
 - ◆全不锈钢单鼓型
 - ◆口杯型铆钉(内锁型、外锁型)
 - ◆海马乐克型铆钉
 - ◆铝钢封闭型
 - ◆全铝封闭型
 - ◆铝/不锈钢封闭型
 - ◆全不锈钢封闭型
 - ◆全钢封闭型
 - ◆铜/钢封闭型
 - ◆铜/不锈钢封闭型
 - ◆各种铆接紧固系统
- ◆all kinds of materials aluminium/steel open type
 - ◆aluminium/aluminium open type
 - ◆aluminium/stainless steel open type
 - ◆steel/steel open type
 - ◆stainless steel/stainless steel open type
 - ◆stainless steel/steel open type
 - ◆copper/steel open type
 - ◆copper/stainless steel open type
 - ◆aluminium/steel multigrip
 - ◆aluminium/stainless steel multigrip
 - ◆all steel multigrip type
 - ◆all stainless steel multigrip type
 - ◆peel type
 - ◆grooved type
 - ◆all kinds of materials large flange open type
 - ◆RAL color painted rivets
 - ◆all steel unigrip type
 - ◆all stainless steel unigrip type
 - ◆lock type rivet(S-BOLT type,S-LOCK type)
 - ◆Hem-Fix
 - ◆aluminium/steel sealed type
 - ◆aluminium/aluminium sealed type
 - ◆aluminium/stainless steel sealed type
 - ◆stainless steel/stainless steel sealed type
 - ◆steel/steel sealed type
 - ◆copper/steel sealed type
 - ◆copper/stainless steel sealed type
 - ◆all kinds of riveting & fastening system



应用和工程支持服务 Application & Engineering Support Service

无锡三星的应用工程师们拥有丰富的经验，能为您的应用寻找到最优化的解决方案。
The experienced application engineers of 3 STAR can provide the optimized Solution ways for your application.

- ◆ 应用设计和测试 ◆ application design and test
- ◆ 产品分解和分析 ◆ product analyzing and decomposing
- ◆ 组装过程评估 ◆ evaluating the assembly process
- ◆ 铆接、紧固合并评估 ◆ evaluating riveting and fastening
- ◆ 铆接和装配培训 ◆ training riveting and assembly



质量保证体系 Quality Guarantee System

我们的用户认同无锡三星在铆接紧固行业具有领先的地位，这一点从我们获得的质量认证得到体现。我们挑选最好的材料供应商作为合作伙伴。从原料、生产、出产都全程跟踪记录，每一批都留样建立档案，能够为客户提供最优质的质量服务。我们通过ISO9001:2000，建立先进的检测中心，建立以TEXTRON标准、IFI标准、DIN标准等资料档案库，为我们能够为客户提供优质产品建立强大的质量保障体系。

3 STAR is one of the leading manufacturer in riveting and fastening fields. We choose the best material suppliers as our partners. All the procedures from raw materials, production to output are tracked and recorded. We have passed ISO9001:2000 and founded an advanced test center. We manufacture according to IFI, DIN and customer's specific requirements. All those make sure that we can provide high quality products for our customers.



设计和研发 Design and Research

无锡三星在民用、工业铆接紧固技术方面有领先地位，我们在研发、工程实施和生产制造方面不断投资、创新，确保我们处于行业先锋，为用户提供优质产品。

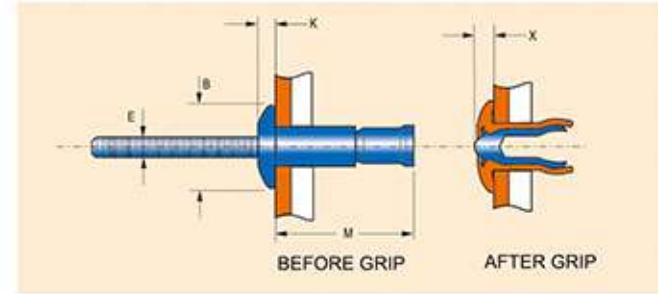
3 STAR is at the leading position in the riveting and fastening fields both of civil & industry. We ceaselessly invest and create in research, engineering executing and manufacturing to ensure that we are the pioneer in this field.



结构型铆钉代号明细表

铁拉丝(外锁)	S-BOLT type (Steel)	SS71	5
铝拉丝(外锁)	S-BOLT type (Aluminium)	AA71	6
不锈钢拉丝(外锁)	S-BOLT type (Stainless Steel)	BB71	7
铁沉头拉丝(外锁)	S-BOLT CSK type (Steel)	SSC71	8
(铁)海马乐克	Hem-Fix (Steel)	SS21	9
(铝)海马乐克	Hem-Fix (Aluminium)	AA-41	10
(不锈钢)海马乐克	Hem-Fix (Stainless Steel)	BB21	11
铁多鼓型	All steel multigrip type	SS01	12
铁双鼓型	All steel multigrip type	SS1624	13
铁沉头多鼓型	All steel multigrip csk type	SS01-C	14
不锈钢多鼓型	All stainless steel multigrip type	BBS11	15
铁单鼓型	Unigrip type (Steel)	SSP-01	16
不锈钢单鼓型	Unigrip type (Stainless Steel)	BBP61	17
铁拉丝(内锁)	S-LOCK type (Steel)	SSN	18
铝拉丝(内锁)	S-LOCK type (Aluminium)	AAN	19
铁沉头拉丝(内锁)	S-LOCK csk type (Steel)	SSNC	20
不锈钢拉丝(内锁)	S-LOCK	BBN	21
灯笼铆钉	S-Bulb	DL	22
铁/铁(锁芯)铆钉	SQ-Rivet	SSQ	23
铝/铁(锁芯)铆钉	AQ-Rivet	ASQ	24
不锈钢(锁芯)铆钉	BQ-Rivet	BBQ	25
全铁双股铆钉	Steel / Steel Multi-Grip Type	SSMG-G	26
钢制环槽铆钉	SXBOLT® - STEEL Series		27-28
铝制环槽铆钉	SXBOLT® - Aluminum Series		29-30
不锈钢制环槽铆钉	SXBOLT® - STAINLESS STEEL Series		31-32
拉铆工具	Pneumatic Riveting Tool		33

S-BOLT



材质 MATERIAL

BODY铆体: Carbon Steel

MANDREL钉芯: Carbon Steel

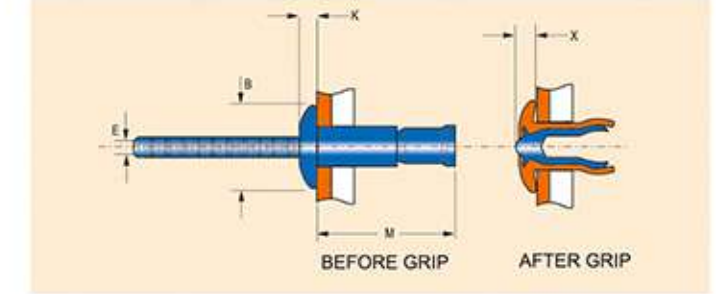
表面颜色 FINISH

BODY铆体: zinc plated 兰锌

MANDREL钉芯: zinc plated 兰锌

Size	Drill	Part No.	M	Grip Range	B	K	E	X	Shear KN	Tensile KN	PULL OUT N
			max.		max.	max.	max.	max.			
4.8 (3/16")	Φ 4.9 5.1	SS71-4810	18.2	1.63-6.86	10.1	2.1	2.9	2.9	5.8	4.1	>445
		SS71-4810	24.4	1.63-11.10	10.1	2.1	2.9	2.9	5.8	4.1	>445
6.4 (1/4")	Φ 6.6 7.0	SS71-6414	23.7	2.03-9.53	13.3	2.9	3.9	3.7	10.5	8.0	>1112
		SS71-6419	32.9	2.03-15.87	13.3	2.9	3.9	3.7	10.5	8.0	>1112

S-BOLT



材质 MATERIAL

BODY铆体: Aluminium Alloy

MANDREL钉芯: Aluminium Alloy

表面颜色 FINISH

BODY铆体: Natural 本色

MANDREL钉芯: Natural 本色

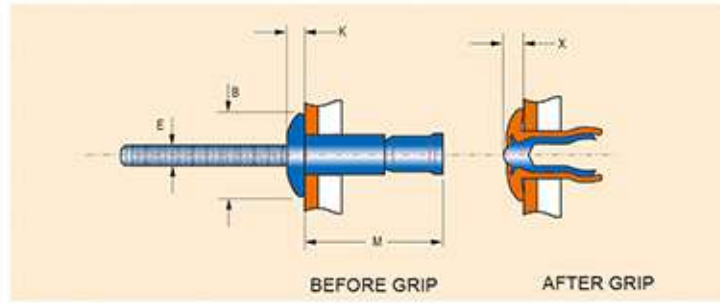
Size	Drill	Part No.	M	Grip Range	B	K	E	X	Shear KN	Tensile KN	PULL OUT N
			max.		max.	max.	max.	max.			
4.8 (3/16")	Φ 4.9 5.1	AA71-4810	18.2	1.63-6.86	10.1	2.1	2.9	2.9	2.4	2.0	>222
		AA71-4810	24.4	1.63-11.10	10.1	2.1	2.9	2.9	2.4	2.0	>222
6.4 (1/4")	Φ 6.6 7.0	AA71-6414	23.7	2.03-9.53	13.3	2.9	3.9	3.7	5.6	3.7	>445
		AA71-6419	32.9	2.03-15.87	13.3	2.9	3.9	3.7	5.6	3.7	>445

BB71-系列 BB71-Series

(不锈钢) 口杯型拉丝铆钉 (外锁) 型

Stainless steel body and mandrel

S-BOLT



材质 MATERIAL

BODY铆体: 300 Series Stainless Steel

MANDREL钉芯: 300 Series Stainless Steel

表面颜色 FINISH

BODY铆体:

Natural
本色

MANDREL钉芯:

Natural
本色

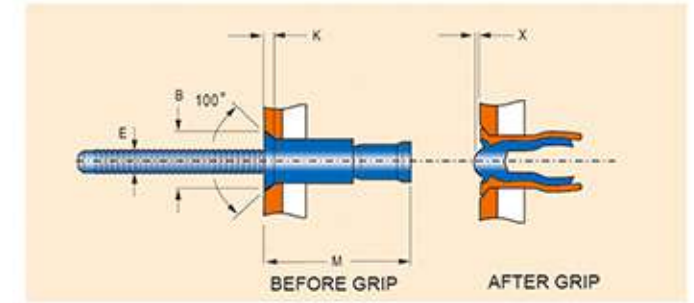
Size	Drill	Part No.	M	Grip Range	B	K	E	X	Shear KN	Tensile KN	PULL OUT N
			max.		max.	max.	max.	max.			
4.8 (3/16")	Φ 4.9 5.1	BB71-4810	18.2	1.63-6.86	10.1	2.1	2.9	2.9	6	4.5	≥445
		BB71-4814	24.4	1.63-11.10	10.1	2.1	2.9	2.9	6	4.5	≥445
6.4 (1/4")	Φ 6.6 7.0	BB71-6414	23.7	2.03-9.53	13.3	2.9	3.9	3.7	10.5	8.2	≥1112
		BB71-6419	32.9	2.03-15.87	13.3	2.9	3.9	3.7	10.5	8.2	≥1112

S-BOLT

SSC71-系列 SSC71-Series

(铁沉头) 口杯型拉丝铆钉

Steel body and mandrel Countersunk head



材质 MATERIAL

BODY铆体: Carbon Steel

MANDREL钉芯: Carbon Steel

表面颜色 FINISH

BODY铆体: zinc plated
兰锌

MANDREL钉芯: zinc plated
兰锌

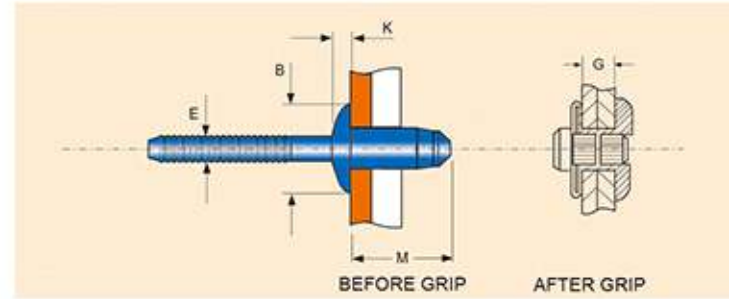
Size	Drill	Part No.	M	Grip Range	B	K	E	X	Shear KN	Tensile KN	PULL OUT N
			max.		max.	max.	max.	max.			
4.8 (3/16")	Φ 4.9 5.1	SSC71-4810	20	3.17-8.41	8.5	2.2	2.9	0.8	5.8	4.1	≥445
		SSC71-4814	26.2	3.17-12.22	8.5	2.2	2.9	0.8	5.8	4.1	≥445
6.4 (1/4")	Φ 6.6 7.0	SSC71-6414	26.3	3.17-12.07	10.1	2.4	3.9	0.8	10.5	8.0	≥1112

SS21-系列 SS21-Series

(铁) 海马乐克

All Steel body and mandrel

Hem-Fix



材质
MATERIAL

BODY 铆体: 1022

MANDREL 钉芯: 1045

表面颜色
FINISH

BODY 铆体: zinc plated 兰锌

MANDREL 钉芯: zinc plated 兰锌

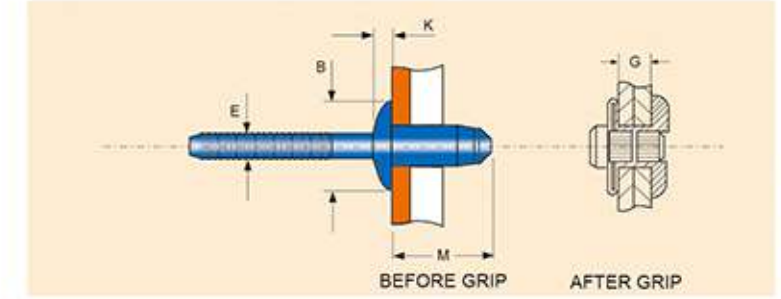
Size	Drill	Part No.	M max.	Grip Range	B max.	K max.	E max.	Shear	Tensile
			MM		MM	MM	MM		
6.4 (1/4")	Φ 6.7 6.9 0.264-0.272	SS21-0812	13.7	1.50-3.50	13.4	2.7	3.9	10.0	7.8
		SS21-0813	15.0	2.80-4.80	13.4	2.7	3.9	11.0	7.8
		SS21-0814	15.6	3.35-5.35	13.4	2.7	3.9	12.0	7.8
		SS21-0815	17.0	4.80-6.80	13.4	2.7	3.9	12.5	7.8
		SS21-0817	19.0	6.80-8.80	13.4	2.7	3.9	13.0	7.8
		SS21-0818	19.7	7.50-9.50	13.4	2.7	3.9	14.0	7.8
		SS21-0819	21.0	8.80-10.80	13.4	2.7	3.9	14.5	7.8
		SS21-0821	23.0	10.80-12.80	13.4	2.7	3.9	15.0	7.8

Hem-Fix

AA41-系列 AA41-Series

(铝) 海马乐克

All Aluminium body and mandrel



材质
MATERIAL

BODY 铆体: Aluminium Alloy

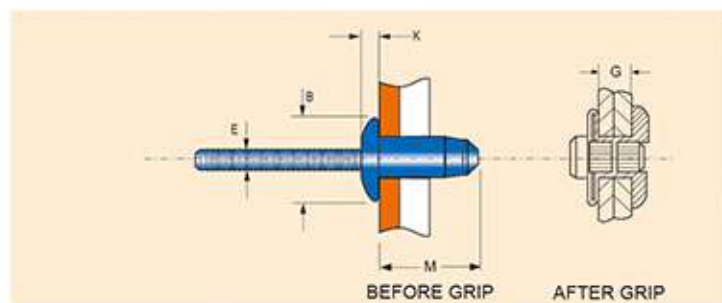
MANDREL 钉芯: Aluminium Alloy

表面颜色
FINISH

BODY 铆体: Natural 本色

MANDREL 钉芯: Natural 本色

Size	Drill	Part No.	M	Grip Range	B	K	E	Shear	Tensile
			max.		max.	max.	max.		
6.4 (1/4")	Φ 6.7 6.9	AA41-0812	13.7	1.50-3.50	13.4	2.7	3.9	5.0	2.7
		AA41-0813	15.0	2.80-4.80	13.4	2.7	3.9	6.0	2.7
		AA41-0814	15.6	3.35-5.35	13.4	2.7	3.9	6.2	2.7
		AA41-0815	17.0	4.80-6.80	13.4	2.7	3.9	6.5	2.7
		AA41-0817	19.0	6.80-8.80	13.4	2.7	3.9	7.0	2.7
		AA41-0818	19.7	7.50-9.50	13.4	2.7	3.9	7.0	2.7
		AA41-0819	21.0	8.80-10.80	13.4	2.7	3.9	7.0	2.7
		AA41-0821	23.0	10.80-12.80	13.4	2.7	3.9	7.0	2.7



材质 MATERIAL

BODY锚体: 300 Series Stainless Steel

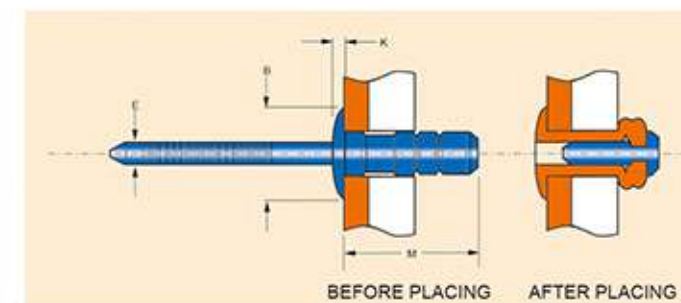
MANDREL钉芯: 300 Series Stainless Steel

表面颜色 FINISH

BODY锚体: Natural 本色

MANDREL钉芯: Natural 本色

Size	Drill	Part No.	M	Grip Range	B	K	E	Shear KN	Tensile KN
			max.		max.	max.	max.		
6.4 (1/4")	Φ 6.7 6.9	BB21-0812	13.7	1.50-3.50	13.4	2.7	3.9	11.0	10.0
		BB21-0813	15.0	2.80-4.80	13.4	2.7	3.9	11.5	10.0
		BB21-0814	15.6	3.35-5.35	13.4	2.7	3.9	12.0	10.0
		BB21-0815	17.0	4.80-6.80	13.4	2.7	3.9	12.5	10.0
		BB21-0817	19.0	6.80-8.80	13.4	2.7	3.9	13.0	10.0
		BB21-0818	19.7	7.50-9.50	13.4	2.7	3.9	13.5	10.0
		BB21-0819	21.0	8.80-10.80	13.4	2.7	3.9	14	10.0
		BB21-0821	23.0	10.80-12.80	13.4	2.7	3.9	15	10.0



材质 MATERIAL

BODY锚体: Carbon Steel

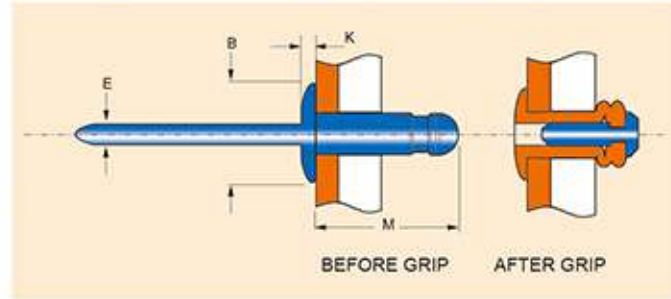
MANDREL钉芯: Carbon Steel

表面颜色 FINISH

BODY锚体: zinc plated 镀锌

MANDREL钉芯: zinc plated 镀锌

Size	Drill	Part No.	M	Grip Range	B	K	E	Shear KN	Tensile KN
			max.		max.	max.	max.		
3.2 (1/8")	Φ 3.3 3.4	SS01-0412	11	1.0-4.5	7.6	1.1	2.2	1.0	1.4
		SS01-0414	14.2	1.0-7.0	7.6	1.1	2.2	1.0	1.4
4.0 (5/32")	Φ 4.1 4.2	SS01-0514	12.2	1.0-5.0	8.4	1.5	2.8	1.5	2.0
		SS01-0516	15.7	2.0-8.0	8.4	1.5	2.8	1.5	2.0
4.8 (3/16")	Φ 4.9 5.0	SS01-0612	12.2	1.5-5.1	10.1	1.6	3.0	2.7	2.9
		SS01-0614	13.7	1.5-6.3	10.1	1.6	3.0	2.7	2.9
		SS01-0618	17.0	1.5-9.5	10.1	1.6	3.0	2.7	2.9
		SS01-0622	20.1	6.4-12.7	10.1	1.6	3.0	2.7	2.9
		SS01-4844	16.8	1.5-7.6	13.1	2.7	4.0	3.1	3.6



材质 MATERIAL

BODY铆体: Carbon Steel

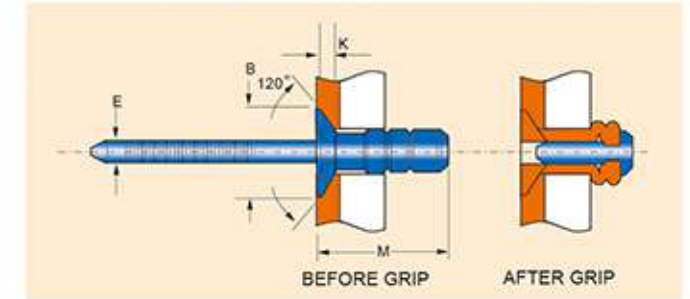
MANDREL钉芯: Carbon Steel

表面颜色 FINISH

BODY铆体: zinc plated 兰锌

MANDREL钉芯: zinc plated 兰锌

Size	Drill	Part No.	M	Grip Range	B	K	E	Shear KN	Tensile KN
			max.		max.	max.	max.		
3.2 (1/8")	Φ 3.3 3.4	SS-1624-0411	11.4	1.0-4.0	7.6	1.2	2.2	1.3	1.7
		SS-1624-0414	14	3.7-6.6	7.6	1.2	2.2	1.3	1.7
4.0 (5/32")	Φ 4.1 4.3	SS-1624-0508	9.6	2.0-4.0	8.4	1.6	2.8	1.9	2.3
		SS-1624-0514	13.7	1.4-5.0	8.4	1.6	2.8	1.9	2.3
4.8 (3/16")	Φ 4.9 5.0	SS-1624-0612	13.5	1.2-4.8	10.1	2.1	3.0	3.6	3.3
		SS-1624-0616	15.7	4.0-6.3	10.1	2.1	3.0	4.5	3.4



材质 MATERIAL

BODY铆体: Carbon Steel

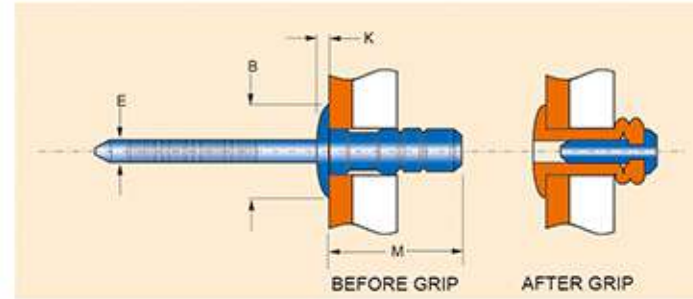
MANDREL钉芯: Carbon Steel

表面颜色 FINISH

BODY铆体: zinc plated 兰锌

MANDREL钉芯: zinc plated 兰锌

Size	Drill	Part No.	M	Grip Range	B	K	E	Shear KN	Tensile KN
			nom.		max.	max.	max.		
4.8 (3/16")	Φ 4.9 5.0	SS04-0614	13.7	2.4-6.4	8.8	1.4	3.0	2.7	2.9
		SS04-0618	17.0	2.4-9.5	8.8	1.4	3.0	2.7	2.9
		SS04-0622	20.1	6.4-12.7	8.8	1.4	3.0	2.7	2.9



材质 MATERIAL

BODY 铆体: 300 Series Stainless Steel

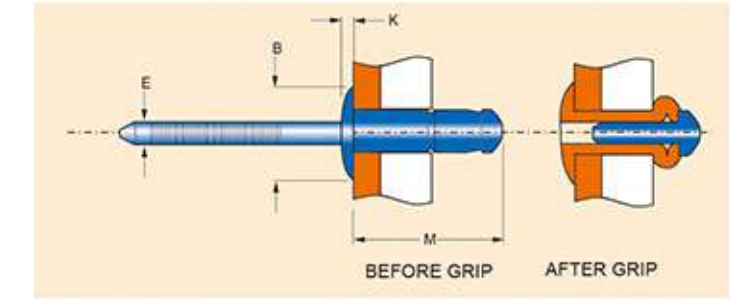
MANDREL 钉芯: 300 Series Stainless Steel

表面颜色 FINISH

BODY 铆体: Natural 本色

MANDREL 钉芯: Natural 本色

Size	Drill	Part No.	M	Grip Range	B	K	E	Shear KN	Tensile KN
			max.		max.	max.	max.		
3.2 (1/8")	Φ 3.3 3.4	BBS11-0414	14.5	1.0-7.0	7.3	1.1	2.2	1.7	2.2
4.0 (5/32")	Φ 4.1 4.2	BBS11-0516	16.0	2.0-8.0	8.2	1.5	2.8	2.7	3.4
4.8 (3/16")	Φ 4.9 5.0	BBS11-0618	17.0	1.5-9.0	10.0	1.6	3.1	4.5	5.0



材质 MATERIAL

BODY 铆体: Carbon Steel

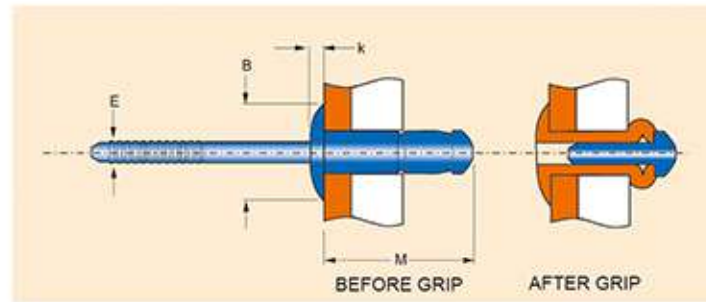
MANDREL 钉芯: Carbon Steel

表面颜色 FINISH

BODY 铆体: zinc plated 兰锌

MANDREL 钉芯: zinc plated 兰锌

Size	Drill	Part No.	M	Grip Range	B	K	E	Shear KN	Tensile KN
			max.		max.	max.	max.		
3.2 (1/8")	Φ 3.3 3.4	SSP-01-0408	8.7	1.0-3.0	6.8	1.4	2.1	1.2	1.3
		SSP-01-0411	11.3	3.0-5.0	6.8	1.4	2.1	1.7	1.3
		SSP-01-0414	13.6	5.0-7.0	6.8	1.4	2.1	2.5	1.3
4.0 (5/32")	Φ 4.1 4.3	SSP-01-0509	10.1	1.0-3.0	8.0	1.5	2.6	2.4	2.8
		SSP-01-0512	12.1	3.0-5.0	8.0	1.5	2.6	3.5	2.8
		SSP-01-0516	15.1	5.0-7.0	8.0	1.5	2.6	4.1	2.8
4.8 (3/16")	Φ 4.9 5.1	SSP-01-0611	12.1	1.5-3.5	9.6	1.5	3.1	3.6	3.8
		SSP-01-0614	14.6	3.5-6.0	9.6	1.5	3.1	4.2	3.8
		SSP-01-0618	17.6	6.0-8.5	9.6	1.5	3.1	5.6	3.8
6.0	Φ 6.1 6.3	SSP-01-6010	14.2	1.5-4.0	12.3	2.1	4.0	4.2	5.4
		SSP-01-6013	17.2	3.0-6.0	12.3	2.1	4.0	5.4	5.4
		SSP-01-6016	20.2	6.0-9.0	12.3	2.1	4.0	8.5	5.4
		SSP-01-6019	23.2	9.0-12.0	12.3	2.1	4.0	8.5	5.4



材质 MATERIAL

BODY 铆体: 300 Series Stainless Steel

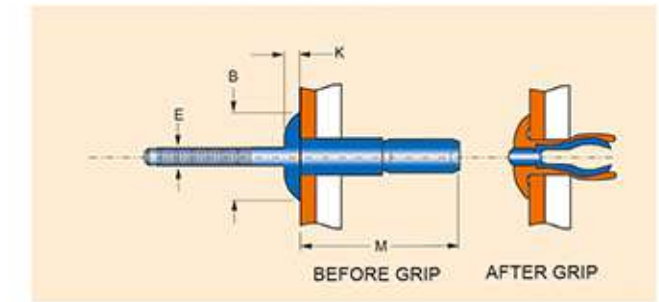
MANDREL 钉芯: 300 Series Stainless Steel

表面颜色 FINISH

BODY 铆体: Natural 本色

MANDREL 钉芯: Natural 本色

Size	Drill	Part No.	M	Grip Range	B	K	E	Shear KN	Tensile KN
			max.		max.	max.	max.		
3.2 (1/8")	Φ 3.3 3.4	BBP61-0408	8.9	1.0-3.0	6.6	1.1	2.1	1.6	2.0
		BBP61-0411	11.4	3.0-5.0	6.6	1.1	2.1	1.7	2.0
		BBP61-0414	13.6	5.0-7.0	6.6	1.1	2.1	3.2	2.0
4.0 (5/32")	Φ 4.1 4.3	BBP61-0509	10.1	1.0-3.0	8.0	1.5	2.6	5.2	4.0
		BBP61-0512	12.5	3.0-5.0	8.0	1.5	2.6	5.2	4.0
		BBP61-0516	15.1	5.0-7.0	8.0	1.5	2.6	5.2	4.0
4.8 (3/16")	Φ 4.9 5.1	BBP61-0611	12.9	1.5-3.5	9.6	1.5	3.1	5.5	5.0
		BBP61-0614	15.5	3.5-6.0	9.6	1.5	3.1	5.5	5.0
		BBP61-0618	18.5	6.0-8.5	9.6	1.5	3.1	5.5	5.0



材质 MATERIAL

BODY 铆体: Carbon Steel

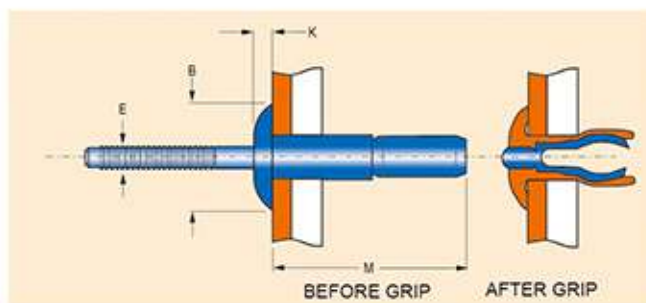
MANDREL 钉芯: Carbon Steel

表面颜色 FINISH

BODY 铆体: zinc plated 兰锌

MANDREL 钉芯: zinc plated 兰锌

Size	Drill	Part No.	M	Grip Range	B	K	E	Shear KN	Tensile KN
			max.		max.	max.	max.		
4.8 (3/16")	Φ 4.9 5.1	SSN-4810	18.2	1.58-6.85	10.2	2.3	3.1	5.6	4.4
		SSN-4814	24.6	1.58-11.09	10.2	2.3	3.1	5.6	4.4
6.4 (1/4")	Φ 6.6 7.0	SSN-6414	25.3	2.04-9.52	13.5	2.9	4.1	10.5	8.2
		SSN-6419	35.6	2.04-15.87	13.5	2.9	4.1	10.5	8.2



材质 MATERIAL

BODY 铆体: Aluminium alloy

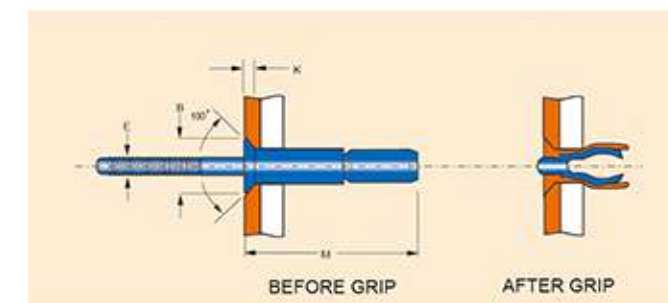
MANDREL 钉芯: Aluminium alloy

表面颜色 FINISH

BODY 铆体: Natural 本色

MANDREL 钉芯: Natural 本色

Size	Drill	Part No.	M	Grip Range	B	K	E	Shear KN	Tensile KN
			max.		max.	max.	max.		
4.8 (3/16")	Φ 4.9 5.1	AAN-4810	18.2	1.58-6.85	10.2	2.3	3.0	2.3	1.9
		AAN-4814	24.6	1.58-11.09	10.2	2.3	3.0	2.3	1.9
6.4 (1/4")	Φ 6.6 7.0	AAN-6414	25.3	2.04-9.52	13.5	2.9	4.0	5.3	3.4
		AAN-6429	35.6	2.04-15.87	13.5	2.9	4.0	5.3	3.4



材质 MATERIAL

BODY 铆体: Carbon Steel

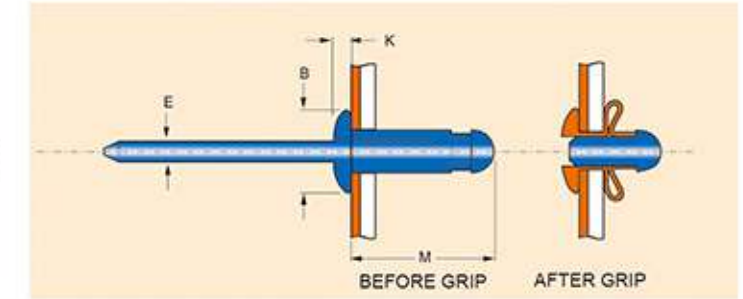
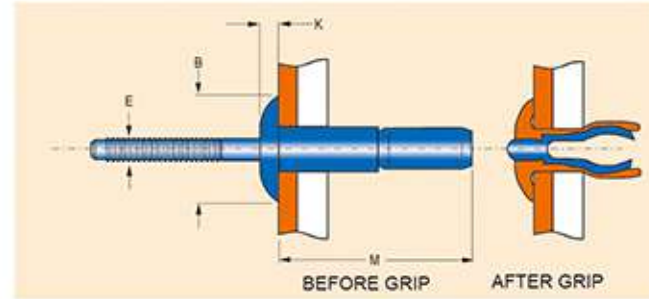
MANDREL 钉芯: Carbon Steel

表面颜色 FINISH

BODY 铆体: zinc plated 兰锌

MANDREL 钉芯: zinc plated 兰锌

Size	Drill	Part No.	M	Grip Range	B	K	E	Shear KN	Tensile KN
			max.		max.	max.	max.		
4.8 (3/16")	Φ 4.9 5.1	SSNC-4810	20.2	3.17-8.41	8.8	1.8	3.1	5.4	4.0
6.4 (1/4")	Φ 6.6 7.0	SSNC-6414	28.3	4.32-12.06	10.6	2.0	4.1	10.5	8.0



材质 MATERIAL

BODY 铆体: 300 Series Stainless Steel

MANDREL 钉芯: 300 Series Stainless Steel

表面颜色 FINISH

BODY 铆体: Natural 本色

MANDREL 钉芯: Natural 本色

材质 MATERIAL

BODY 铆体: Aluminium Alloy

MANDREL 钉芯: Aluminium Alloy

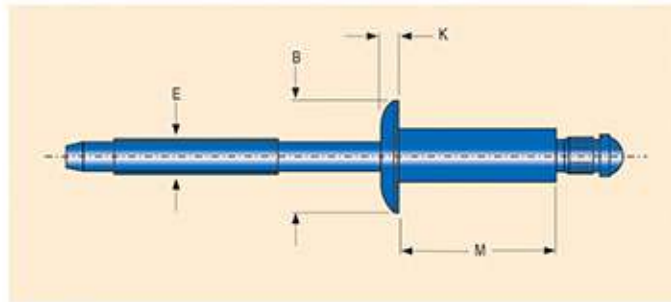
表面颜色 FINISH

BODY 铆体: Natural 本色

MANDREL 钉芯: Natural 本色

Size	Drill	Part No.	M	Grip Range	B	K	E	Shear KN	Tensile KN
			max.		max.	max.	max.		
4.8 (3/16")	Φ 4.9 5.1	BBN-4810	18.2	1.58-6.85	10.2	2.3	3.0	6.0	4.5
		BBN-4814	24.6	1.58-11.09	10.2	2.3	3.0	6.0	4.5
6.4 (1/4")	Φ 6.6 7.0	BBN-6414	25.3	2.04-9.52	13.5	2.9	4.0	10.5	0.2
		BBN-6419	35.6	2.04-15.87	13.5	2.9	4.0	10.5	0.2

Size	Drill	Part No.	M	Grip Range	B	K	E	Shear KN	Tensile KN
			max.		max.	max.	max.		
4.0 (5/32")	Φ 4.2 4.5	DL-0516	16.0	1.0-3.0	8.2	1.6	2.3	0.6	1.0
		DL-0523	21.2	1.0-7.0	8.2	1.6	2.3	0.6	1.0
4.8 (3/16")	Φ 5.0 5.2	DL-0619	18.1	1.0-4.0	10.1	2.1	2.9	0.8	1.1
		DL-0625	23.3	1.0-9.0	10.1	2.1	2.9	0.8	1.1
		DL-0630	27.1	4.0-12.0	10.1	2.1	2.9	0.8	1.1



材质 MATERIAL

BODY铆体: Carbon Steel

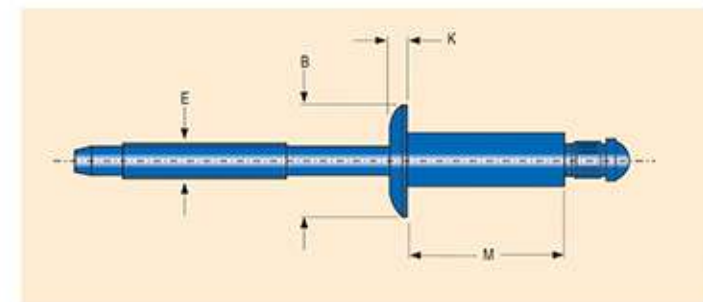
MANDREL钉芯: Carbon Steel

表面颜色 FINISH

BODY铆体: zinc plated 兰锌

MANDREL钉芯: zinc plated 兰锌

Size	Drill	Part No.	M	Grip Range	B	K	E	Shear KN	Tensile KN
			max.		max.	max.	max.		
3.2 (1/8")	Φ 3.3 3.4	SSQ-04-02	7.0	1.60-3.18	6.4	1.1	1.9	1.6	1.4
		SSQ-04-03	8.6	2.39-4.75					
		SSQ-04-04	10.2	3.20-6.35					
		SSQ-04-05	11.7	4.78-7.92					
		SSQ-04-06	13.6	6.38-9.53					
		SSQ-04-07	15.3	7.95-11.10					
		SSQ-04-08	17.0	9.55-12.70					
4.0 (5/32")	Φ 4.1 4.2	SSQ-05-02	7.6	1.57-3.18	7.9	1.3	2.4	2.3	2.0
		SSQ-05-04	10.8	3.20-6.35					
		SSQ-05-06	14.0	6.38-9.53					
		SSQ-05-08	17.6	9.55-12.70					
4.8 (3/16")	Φ 4.9 5.0	SSQ-06-02	8.3	1.57-3.18	9.5	1.5	2.9	3.3	2.9
		SSQ-06-04	11.4	3.20-6.35					
		SSQ-06-06	14.6	6.38-9.53					
		SSQ-06-08	17.8	9.55-12.70					
		SSQ-06-10	21.6	12.73-15.88					
		SSQ-06-12	24.9	15.90-19.05					
SSQ-06-14	28.2	19.08-22.23							
6.4 (1/4")	Φ 6.5 6.6	SSQ-08-02	9.5	1.57-3.18	12.7	2.0	3.8	5.6	4.7
		SSQ-08-04	12.7	3.20-6.35					
		SSQ-08-06	15.9	6.38-9.53					
		SSQ-08-08	19.0	9.55-12.70					
		SSQ-08-10	22.9	12.73-15.88					
		SSQ-08-12	26.2	15.90-19.05					
		SSQ-08-14	29.5	19.08-22.23					
		SSQ-08-16	32.8	22.25-25.40					



材质 MATERIAL

BODY铆体: Aluminium Alloy

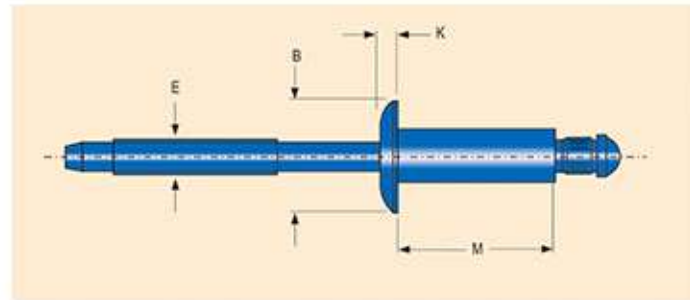
MANDREL钉芯: Carbon Steel

表面颜色 FINISH

BODY铆体: Natural 本色

MANDREL钉芯: zinc plated 兰锌

Size	Drill	Part No.	M	Grip Range	B	K	E	Shear KN	Tensile KN
			max.		max.	max.	max.		
3.2 (1/8")	Φ 3.3 3.4	ASQ-04-02	7.0	1.60-3.18	6.4	1.1	1.9	1.5	1.2
		ASQ-04-03	8.6	2.39-4.75					
		ASQ-04-04	10.2	3.20-6.35					
		ASQ-04-05	11.7	4.78-7.92					
		ASQ-04-06	13.6	6.38-9.53					
		ASQ-04-07	15.3	7.95-11.10					
		ASQ-04-08	17.0	9.55-12.70					
4.0 (5/32")	Φ 4.1 4.2	ASQ-05-02	7.6	1.57-3.18	7.9	1.3	2.4	2.1	1.85
		ASQ-05-04	10.8	3.20-6.35					
		ASQ-05-06	14.0	6.38-9.53					
		ASQ-05-08	17.6	9.55-12.70					
4.8 (3/16")	Φ 4.9 5.0	ASQ-06-02	8.3	1.57-3.18	9.5	1.5	2.9	3.2	2.6
		ASQ-06-04	11.4	3.20-6.35					
		ASQ-06-06	14.6	6.38-9.53					
		ASQ-06-08	17.8	9.55-12.70					
		ASQ-06-10	21.6	12.73-15.88					
		ASQ-06-12	24.9	15.90-19.05					
ASQ-06-14	28.2	19.08-22.23							
6.4 (1/4")	Φ 6.5 6.6	ASQ-08-02	9.5	1.57-3.18	12.7	2.0	3.8	5.6	4.4
		ASQ-08-04	12.7	3.20-6.35					
		ASQ-08-06	15.9	6.38-9.53					
		ASQ-08-08	19.0	9.55-12.70					
		ASQ-08-10	22.9	12.73-15.88					
		ASQ-08-12	26.2	15.90-19.05					
		ASQ-08-14	29.5	19.08-22.23					
		ASQ-08-16	32.8	22.25-25.40					



材质 MATERIAL

BODY铆体: Stainless steel

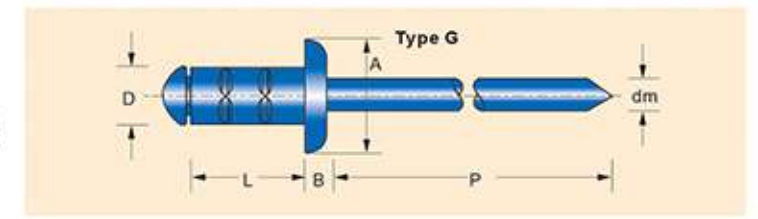
MANDREL钉芯: Stainless steel

表面颜色 FINISH

BODY铆体: Natural 本色

MANDREL钉芯: Natural 本色

Size	Drill	Part No.	M max.	Grip Range	B max.	K max.	E max.	Shear KN	Tensile KN
3.2 (1/8")	Φ 3.3 3.4	BBQ-04-02	7.0	1.60-3.18	6.4	1.1	1.9	1.87	2.36
		BBQ-04-03	8.6	2.39-4.75					
		BBQ-04-04	10.2	3.20-6.35					
		BBQ-04-05	11.7	4.78-7.92					
		BBQ-04-06	13.6	6.38-9.53					
		BBQ-04-07	15.3	7.95-11.10					
		BBQ-04-08	17.0	9.55-12.70					
		4.0 (5/32")	Φ 4.1 4.2	BBQ-05-02					
BBQ-05-04	10.8			3.20-6.35					
BBQ-05-06	14.0			6.38-9.53					
BBQ-05-08	17.6			9.55-12.70					
4.8 (3/16")	Φ 4.9 5.0	BBQ-06-02	8.3	1.57-3.18	9.5	1.5	2.9	4.23	5.34
		BBQ-06-04	11.4	3.20-6.35					
		BBQ-06-06	14.6	6.38-9.53					
		BBQ-06-08	17.8	9.55-12.70					
		BBQ-06-10	21.6	12.73-15.88					
		BBQ-06-12	24.9	15.90-19.05					
		BBQ-06-14	28.2	19.08-22.23					
		6.4 (1/4")	Φ 6.5 6.6	BBQ-08-02					
BBQ-08-04	12.7			3.20-6.35					
BBQ-08-06	15.9			6.38-9.53					
BBQ-08-08	19.0			9.55-12.70					
BBQ-08-10	22.9			12.73-15.88					
BBQ-08-12	26.2			15.90-19.05					
BBQ-08-14	29.5			19.08-22.23					
BBQ-08-16	32.8			22.25-25.40					



材质 MATERIAL

BODY铆体: Steel

MANDREL钉芯: Steel

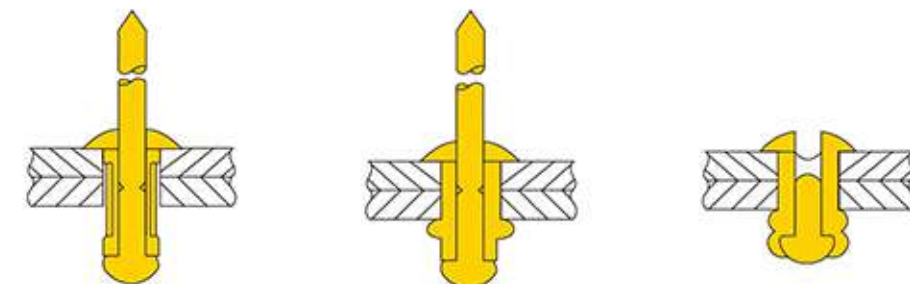
表面颜色 FINISH

BODY铆体: zinc plated

MANDREL钉芯: zinc plated

D	Art. Code	L [+1/-0.2]	Grip Range 	d ₁	K Max.	Drill Φ	P Min.	dm Ref.	Shear LBS	Tensile LBS
3.2 ^{+0.08} _{-0.15}	SSMG 3208-G	8	1.0-5.0	6.0 ± 0.25	1.2	3.3	27	1.80	270	382
	SSMG 3210-G	10	1.5-6.5							
	SSMG 3212-G	12	3.0-8.0							
4.0 ^{+0.08} _{-0.15}	SSMG 4010-G	10	1.0-6.5	8.0 ± 0.3	1.4	4.1	28	2.20	370	540
	SSMG 4014-G	14	4.5-9.0							
	SSMG 4018-G	18	9.0-13.0							
4.8 ^{+0.08} _{-0.15}	SSMG 4010-G	10	1.0-6.5	9.5 ± 0.3	1.8	4.9	28	2.70	584	719
	SSMG 4012-G	12	2.0-7.5							
	SSMG 4014-G	14	3.0-8.0							
	SSMG 4016-G	16	4.5-10.0							
	SSMG 4018-G	18	6.5-13.0							
SSMG 4020-G	20	10.0-16.0								

Colored Rivets. Other Size. Special Request: Contact Us



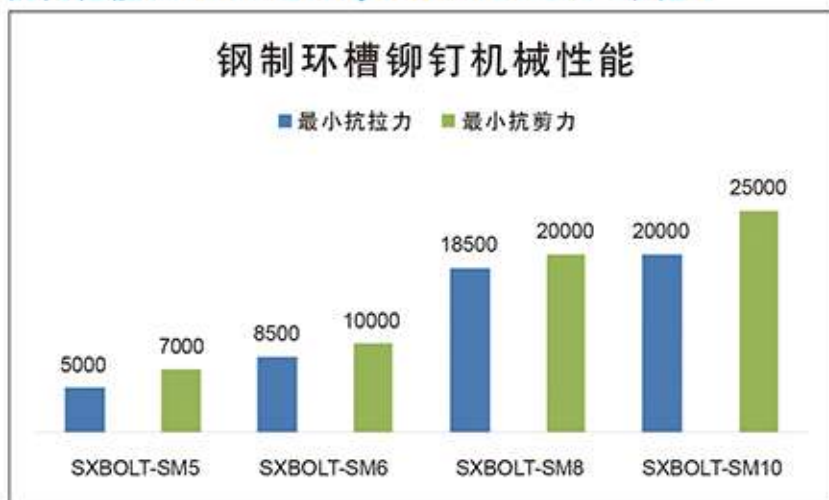
钢制环槽铆钉

SXBOLT® - STEEL Series

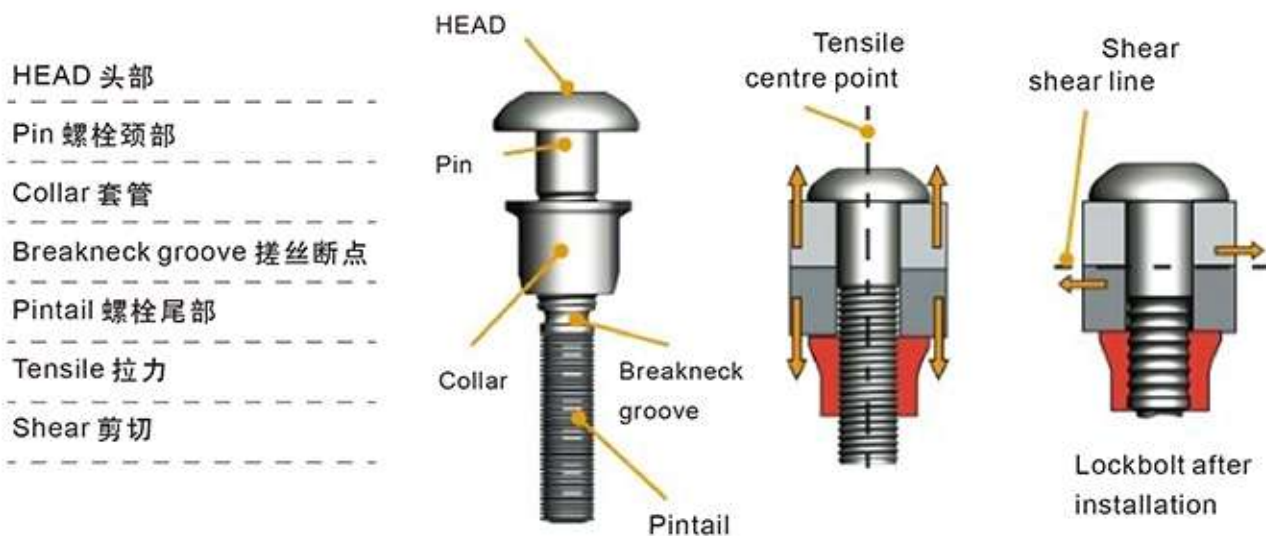
主要优点 MAIN FEATURE

- 在极端震动环境下也不会松动。
 - 免维护的连接—无需紧扭矩也无需复紧扭矩。
 - 连接件工作周期内的总成本更低—提供高抗拉抗剪的安装，并可以增加抗疲劳能力。
 - 高速易用的安装系统可以减少最高可达75%的安装时间。
 - 更健康更安全。
 - 防盗—一次安装，永不松动。
 - 铁制环槽铆钉强度高，适用于高强度铆接紧固应用。
- No loose even in extreme shaking environment
 - Maintenance-free link-without tightening and repeating torque
 - Lower cost of installation during setting period--provide higher tensile and shear installation, and increase the anti-fatigue capability
 - Fast and easy installation--at least 75% time can be saved
 - Healthier and safer
 - Security-once installed, never loose
 - SXBOLT made in stainless steel have high tensile strength which is suitable for riveting high strength application.

机械性能 (mechanical performance): 单位N



Technical words of SXBOLT :



钢制环槽铆钉

SXBOLT® - STEEL Series



代号 Part No	D ₁	D ±0.65	L±0.5	铆接范围G		孔径 D	L1	L2
				MIN	MAX			
SXBOLT-M504			4	3.5	4.5			
SXBOLT-M506			6	5.5	6.5			
SXBOLT-M508			8	7.5	8.5			
SXBOLT-M510	Φ5.0	Φ9.5	10	9.5	10.5	Φ5.1	6.0	Φ9.5
SXBOLT-M512	+0.06		12	11.5	12.5			
SXBOLT-M514	-0.10		14	13.5	14.5			
SXBOLT-M516			16	15.5	16.5			
SXBOLT-M518			18	17.5	18.5			
SXBOLT-M604			4	4.5	4.5			
SXBOLT-M606			6	5.5	6.5			
SXBOLT-M608			8	7.5	8.5			
SXBOLT-M610			10	9.5	10.5			
SXBOLT-M612			12	11.5	12.5			
SXBOLT-M614	Φ6.4	Φ12.5	14	13.5	14.5	Φ6.7	8.0	Φ12.6
SXBOLT-M616	+0.18		16	15.5	16.5			
SXBOLT-M618			18	17.5	18.5			
SXBOLT-M620			20	19.5	20.5			
SXBOLT-M622			22	21.5	22.5			
SXBOLT-M624			24	23.5	24.5			
SXBOLT-M626			26	25.5	26.5			
SXBOLT-M806			6	5.5	6.5			
SXBOLT-M808			8	7.5	8.5			
SXBOLT-M810			10	9.5	10.5			
SXBOLT-M812	Φ8.0	Φ15.8	12	11.5	12.5	Φ8.4	9.4	Φ15.9
SXBOLT-M814	+0.20		14	13.5	14.5			
SXBOLT-M816	-0.02		16	15.5	16.5			
SXBOLT-M818			18	17.5	18.5			
SXBOLT-M820			20	19.5	20.5			
SXBOLT-M1006			6	5.5	6.5			
SXBOLT-M1008			8	7.5	8.5			
SXBOLT-M1010			10	9.5	10.5			
SXBOLT-M1012	Φ10.0	Φ19.0	12	11.5	12.5	Φ10	11.4	Φ19.0
SXBOLT-M1014	+0.35		14	13.5	14.5			
SXBOLT-M1016	-0.15		16	15.5	16.5			
SXBOLT-M1018			18	17.5	18.5			
SXBOLT-M1020			20	19.5	20.5			

表面处理: 钉杆和套环表面环保镀锌, 如客户有特殊表面需求, 请告知我们

铝制环槽铆钉

SXBOLT® - Aluminum Series

主要优点 MAIN FEATURE

- 永久的机械式的锁紧螺栓
 - 安装过程中夹紧力自动控制，精确一致
 - 无需紧扭矩也无需复紧扭矩
 - 不同于传统螺栓螺母，即使在极端震动环境下也不会松动
 - 安装快速，目视检测
 - 出色的间隙消除能力
 - 允许安装面有
 - 防盗
- Permanent mechanical locking bolt
 - Clamping force can be controlled automatically and accurately in stallion
 - No tightening and repeating torque
 - Different from traditional blot, there is NO loose even in extreme shaking environment
 - Installation fast, visual detection
 - Excellent ability to clear space
 - Security

机械性能 (mechanical performance): 单位N



Technical words of SXBOLT :

HEAD 头部

Pin 螺栓颈部

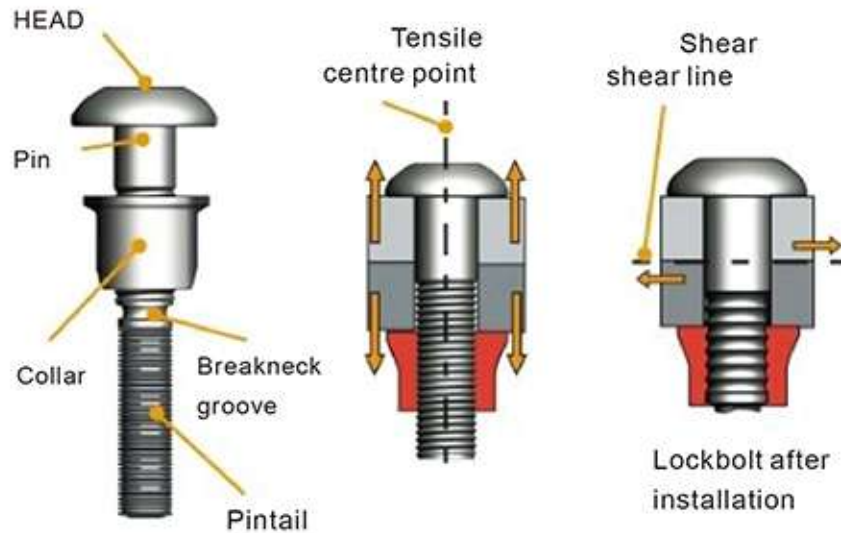
Collar 套管

Breakneck groove 搓丝断点

Pintail 螺栓尾部

Tensile 拉力

Shear 剪切



铝制环槽铆钉

SXBOLT® - Aluminum Series



代号 Part No	D ₁	D ±0.65	L±0.5	铆接范围G		孔径 D	L1	L2
				MIN	MAX			
SXBOLT-AM504	Φ5.0 +0.06 -0.10	Φ9.5	4	3.5	4.5	Φ5.1	6.0	Φ9.5
SXBOLT-AM506			6	5.5	6.5			
SXBOLT-AM508			8	7.5	8.5			
SXBOLT-AM510			10	9.5	10.5			
SXBOLT-AM512			12	11.5	12.5			
SXBOLT-AM514			14	13.5	14.5			
SXBOLT-AM516			16	15.5	16.5			
SXBOLT-AM518			18	17.5	18.5			
SXBOLT-AM604			Φ6.4 +0.18	Φ12.5	4			
SXBOLT-AM606	6	5.5			6.5			
SXBOLT-AM608	8	7.5			8.5			
SXBOLT-AM610	10	9.5			10.5			
SXBOLT-AM612	12	11.5			12.5			
SXBOLT-AM614	14	13.5			14.5			
SXBOLT-AM616	16	15.5			16.5			
SXBOLT-AM618	18	17.5			18.5			
SXBOLT-AM620	20	19.5			20.5			
SXBOLT-AM622	22	21.5			22.5			
SXBOLT-AM624	24	23.5			24.5			
SXBOLT-AM626	26	25.5			26.5			
SXBOLT-AM806	Φ8.0 +0.20 -0.02	Φ15.8	6	5.5	6.5	Φ8.4	9.4	Φ15.9
SXBOLT-AM808			8	7.5	8.5			
SXBOLT-AM810			10	9.5	10.5			
SXBOLT-AM812			12	11.5	12.5			
SXBOLT-AM814			14	13.5	14.5			
SXBOLT-AM816			16	15.5	16.5			
SXBOLT-AM818			18	17.5	18.5			
SXBOLT-AM820			20	19.5	20.5			
SXBOLT-AM1006	Φ10.0 +0.35 -0.15	Φ19.0	6	5.5	6.5	Φ10	11.4	Φ19.0
SXBOLT-AM1008			8	7.5	8.5			
SXBOLT-AM1010			10	9.5	10.5			
SXBOLT-AM1012			12	11.5	12.5			
SXBOLT-AM1014			14	13.5	14.5			
SXBOLT-AM1016			16	15.5	16.5			
SXBOLT-AM1018			18	17.5	18.5			
SXBOLT-AM1020	20	19.5	20.5					

表面处理: 钉杆表面强氧化, 套环表面磨光。如客户有特殊表面需求, 请告知我们。

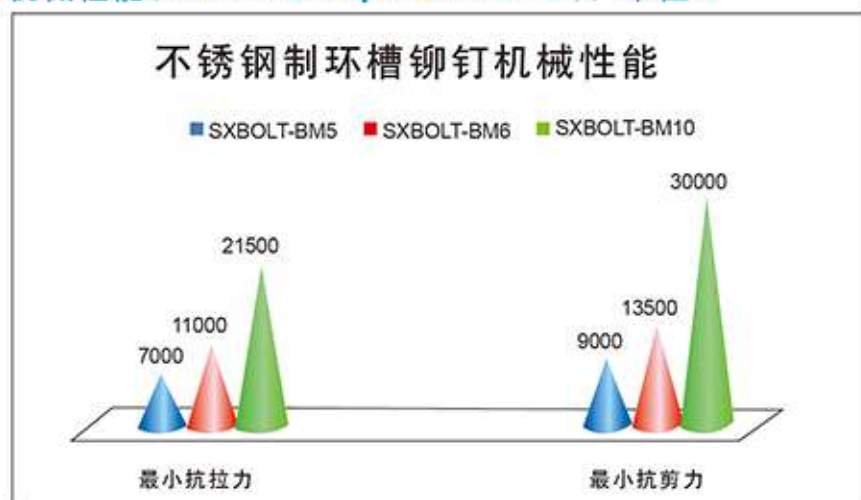
不锈钢制环槽铆钉

SXBOLT® - STAINLESS STEEL Series

主要优点 MAIN FEATURE

- 在极端震动环境下也不会松动。
 - 免维护的连接—无需紧扭矩也无需复紧扭矩。
 - 连接件工作周期内的总成本更低—提供高抗拉抗剪的安装，并可以增加抗疲劳能力。
 - 高速易用的安装系统可以减少最高可达75%的安装时间。
 - 更健康更安全。
 - 防盗—一次安装，永不松动。
 - 不锈钢制环槽铆钉强度高，适用于高强度铆接紧固应用。
- No loose even in extreme shaking environment
 - Maintenance-free link-without tightening and repeating torque
 - Lower cost of installation during setting period--provide higher tensile and shear installation, and increase the anti-fatigue capability
 - Fast and easy installation--at least 75% time can be saved
 - Healthier and safer
 - Security-once installed, never loose
 - SXBOLT made in stainless steel have high tensile strength which is suitable for riveting high strength application.

机械性能 (mechanical performance): 单位N



Technical words of SXBOLT :

HEAD 头部

Pin 螺栓颈部

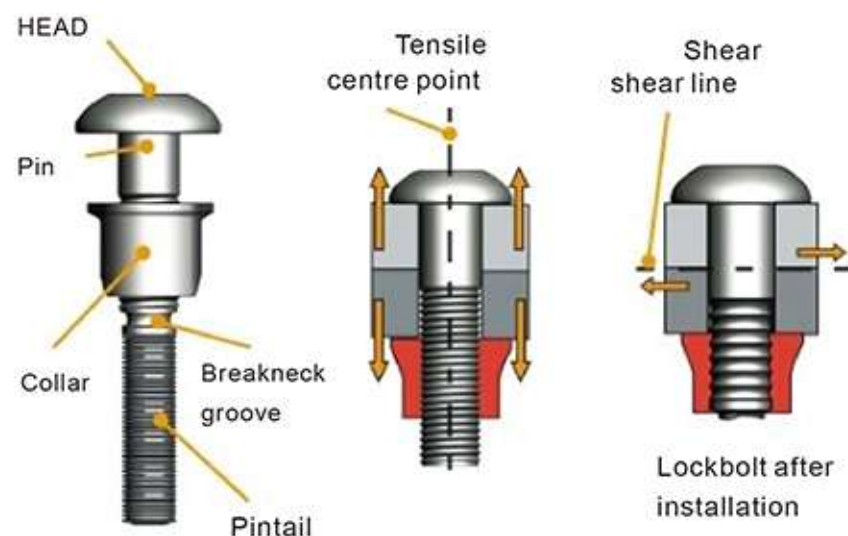
Collar 套管

Breakneck groove 搓丝断点

Pintail 螺栓尾部

Tensile 拉力

Shear 剪切



不锈钢制环槽铆钉

SXBOLT® - STAINLESS STEEL Series



代号 Part No	D ₁	D ±0.65	L±0.5	铆接范围G		孔径 D	L1	L2
				MIN	MAX			
SXBOLT-BM504	Φ5.0 +0.06 -0.10	Φ9.3	4	3.5	4.5	Φ5.1	6.0	Φ9.5
SXBOLT-BM506			6	5.5	6.5			
SXBOLT-BM508			8	7.5	8.5			
SXBOLT-BM510			10	9.5	10.5			
SXBOLT-BM512			12	11.5	12.5			
SXBOLT-BM514			14	13.5	14.5			
SXBOLT-BM516			16	15.5	16.5			
SXBOLT-BM518			18	17.5	18.5			
SXBOLT-BM604			Φ6.4 +0.18	Φ12.3	4			
SXBOLT-BM606	6	5.5			6.5			
SXBOLT-BM608	8	7.5			8.5			
SXBOLT-BM610	10	9.5			10.5			
SXBOLT-BM612	12	11.5			12.5			
SXBOLT-BM614	14	13.5			14.5			
SXBOLT-BM616	16	15.5			16.5			
SXBOLT-BM618	18	17.5			18.5			
SXBOLT-BM620	20	19.5			20.5			
SXBOLT-BM622	22	21.5			22.5			
SXBOLT-BM624	24	23.5			24.5			
SXBOLT-BM626	26	25.5			26.5			
SXBOLT-BM1006	Φ10.0 +0.35 -0.15	Φ18.5	6	5.5	6.5	Φ10	11.4	Φ19.0
SXBOLT-BM1008			8	7.5	8.5			
SXBOLT-BM1010			10	9.5	10.5			
SXBOLT-BM1012			12	11.5	12.5			
SXBOLT-BM1014			14	13.5	14.5			
SXBOLT-BM1016			16	15.5	16.5			

表面处理: 钉杆和套环表面磨光处理, 如客户有特殊表面需求, 请告知我们。

Notes

Picture	Item No.	Specification
	HPS-2	Riveting: $\Phi 2.4-4.8\text{mm}$
		Capable of all materials
		Pull force: 1100Kg
		Stroke: 20mm
		Pressure required: Min. 0.5MPa
		Weight: 1.6kg
	HPS-3	Riveting: $\Phi 3.2-6.4\text{mm}$
		Capable of all materials: Mainly for S-Bolt
		Pull force: 1200Kg
		Stroke: 26mm
		Pressure required: Min. 0.5MPa
		Weight: 1.9kg
	HPS-4	Riveting: $\Phi 3.2-6.4\text{mm}$
		Capable of all materials: Mainly for Hem-Fix
		Pull force: 1600Kg
		Stroke: 20mm
		Pressure required: Min. 0.5MPa
		Weight: 1.9kg
	I-1	Riveting: M4-M12 for Steel and Aluminium
		Riveting: M4-M8 for Stainless steel
		Pressure required: Min. 0.5MPa
		Weight: 2.3kg
