
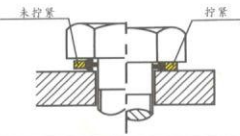
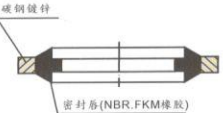
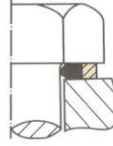
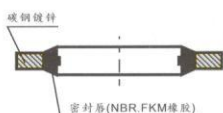
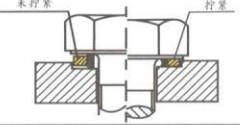

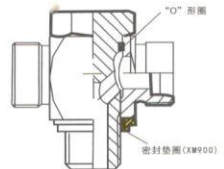
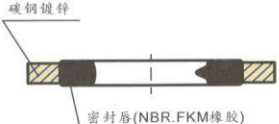
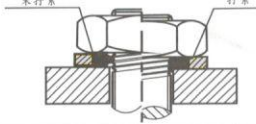

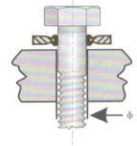


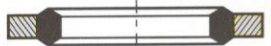
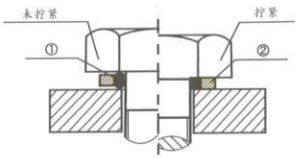
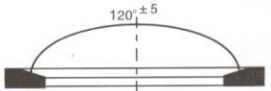

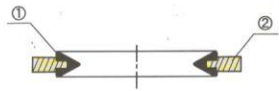
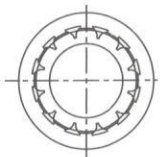


# 组合密封件目录

<p><b>自动定芯组合垫圈</b></p>  <p>碳钢镀锌 密封唇(NBR,FKM橡胶)</p>	<p style="text-align: center;">不需要加工定位槽</p>  <p style="text-align: center;">未拧紧      拧紧</p>	P2-8
<p><b>螺栓密封组合垫圈</b></p>  <p>碳钢镀锌 密封唇(NBR,FKM橡胶)</p>		P9
<p><b>镀铜组合垫圈</b></p>  <p>碳钢镀锌 密封唇(NBR,FKM橡胶)</p>	<p style="text-align: center;">需要加工定位槽</p>  <p style="text-align: center;">未拧紧      拧紧</p>	P10-11
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<p><b>螺母密封垫圈</b></p>  <p>碳钢镀锌 密封唇(NBR,FKM橡胶)</p>	<p style="text-align: center;">不需要加工定位槽</p>  <p style="text-align: center;">未拧紧      拧紧</p>	P14-15
<p><b>螺钉和螺栓密封垫圈</b></p> 		P16-17
<p><b>JB1002紫铜垫圈</b></p>  <p>紫铜</p>		P18
<p><b>螺栓密封组合垫圈</b></p>  <p>材料: ①丁腈(NBR) 氟胶(FKM) ②碳钢(Carbon steel stainless steel)</p>	 <p style="text-align: center;">未拧紧      拧紧</p> <p style="text-align: center;">①      ②</p>	P19
<p><b>管接头 ED垫圈</b></p>  <p style="text-align: center;"><math>120^{\circ} \pm 5</math></p> <p>丁腈(NBR) 85度 黑色      氟胶(FKM) 80度 棕色</p>		P20
<p><b>压缩机密封垫圈</b></p>  <p>①      ②</p> <p>材料: ①丁腈(NBR) 氯化丁腈(HNBR) ②碳钢</p>		P21

# 自动定芯组合垫圈

## Selfcentering bonded seals

### 一、产品用途/Applicability

该BS/A自定芯组合密封垫圈适用于公制、英制、BSP螺纹管接头及螺塞密封。无需特别加工密封槽位置，是快速和自动化安装的理想配件，使用温度-30℃~100℃。工作压力不得超39.2MPa。

The BS/A bonded seals (automatic core-positioning) are applicable to threaded pipe fittings and plug sealing in Metric System, the Britain System and BSP. The location processing of sealing groove is not specially required, so it is ideal fittings for fast and automatic installation. Its service temperature is -30℃~100℃, working pressure less than 39.2MPa.



### 二、参考数据与尺寸 Reference Data and Dimensions

专利号: ZL 2013 2 0894742.4 (专利产品, 仿造必究)



(一) 适用于英制.BSP(G)螺纹密封。 Applicable to British and BSP thread sealing, optimum size.

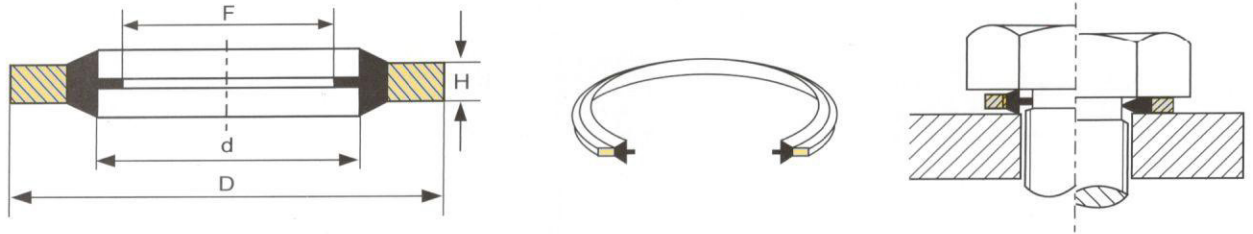
订货号 Order no.	适用螺纹 (Applicable Thread)		尺寸 (Size)				零件号 Parts no.	参考号 Reference No.
	英制 (British)	BSP(G)	d	D	H	F		
BS/A 3.05	6BA		3.05	6.35	1.00	/	XM100305	英标001
BS/A 4.12	4BA		4.12	7.26	1.00	/	XM100412	英标002
BS/A 5.21	2BA		5.21	8.38	1.00	/	XM100521	英标003
BS/A 6.86	1/4		6.86	13.21	1.50	4.70	XM100686	英标004
BS/A 6.99	1/4		6.99	13.34	1.30	4.70	XM100699	英标005
BS/A 8.31	5/16		8.31	13.34	1.30	6.10	XM100831	英标006
BS/A 8.64	5/16		8.64	14.22	1.50	6.10	XM100864	英标007
BS/A 10.37	3/8	G 1/8	10.37	15.88	2.00	8.56	XM1001037	英标020
BS/A 11.26	0.4		11.26	18.36	2.00	8.56	XM1001126	英标008
BS/A 11.69	7/16		11.69	19.05	2.00	8.80	XM1001169	英标009
BS/A 13.74	1/2	G 1/4	13.74	20.57	2.00	11.45	XM1001374	英标021
BS/A 14.86	9/16		14.86	22.23	2.00	11.58	XM1001486	英标010

单位: mm

订货号 Order no.	适用螺纹 (Applicable Thread)		尺寸 (Size)				零件号 Parts no.	参考号 Reference No.
	英制 (British)	BSP(G)	d	D	H	F		
BS/A 15.83	0.60		15.83	22.23	2.00	12.10	XM1001583	英标022
BS/A 16.51	5/8		16.51	25.40	2.00	12.90	XM1001651	英标011
BS/A 17.28	-	G 3/8	17.28	23.80	2.00	14.96	XM1001728	英标023
BS/A 18.16	11/16		18.16	25.40	2.50	14.50	XM1001816	英标012
BS/A 19.69	3/4		19.69	26.92	2.50	15.80	XM1001969	英标024
BS/A 21.54	13/16	G 1/2	21.54	28.58	2.50	18.64	XM1002154	英标025
BS/A 23.49	7/8	G 5/8	23.49	31.75	2.50	20.60	XM1002349	英标026
BS/A 24.26	15/16		24.26	33.27	2.50	20.20	XM1002426	英标013
BS/A 27.05	1	G 3/4	27.05	34.93	2.50	24.13	XM1002705	英标027
BS/A 27.82	1 1/16		27.82	38.61	2.50	22.90	XM1002782	英标028
BS/A 29.33	1 1/8		29.33	36.58	2.50	23.90	XM1002933	英标014
BS/A 30.81	1 3/16	G 7/8	30.81	38.10	2.50	27.89	XM1003081	英标029
BS/A 32.64	1 1/4		32.64	41.40	3.40	27.10	XM1003264	英标015
BS/A 33.89	1 5/16	G 1	33.89	42.80	2.50	30.30	XM1003389	英标031
BS/A 33.89A	1 5/16	G 1	33.89	42.80	3.40	30.30	XM1003389A	英标030
BS/A 35.94	1 3/8		35.94	44.45	3.40	29.50	XM1003594	英标016
BS/A 38.96	1 1/2		38.96	47.75	3.40	32.70	XM1003896	英标017
BS/A 42.93	1 5/8	G 1 1/4	42.93	52.38	2.50	38.96	XM1004293	英标041
BS/A 42.93A	1 5/8	G 1 1/4	42.93	52.38	3.40	38.96	XM1004293A	英标032
BS/A 45.34	1 3/4		45.34	57.15	3.40	37.90	XM1004534	英标018
BS/A 48.44	1 7/8	G 1 1/2	48.44	58.60	2.50	44.86	XM1004844	英标040
BS/A 48.44A	1 7/8	G 1 1/2	48.44	58.60	3.40	44.86	XM1004844A	英标033
BS/A 51.69	2		51.69	63.50	3.40	43.60	XM1005169	英标019
BS/A 54.89	2 1/8	G 1 3/4	54.89	69.85	3.40	50.80	XM1005489	英标034
BS/A 58.04	2 1/4		58.04	70.36	3.40	/	XM1005804	英标035
BS/A 60.58		G 2	60.58	73.03	2.50	56.67	XM1006058	英标042
BS/A 60.58A		G 2	60.58	73.03	3.40	56.67	XM1006058A	英标036
BS/A 64.39	2 1/2		64.39	77.72	3.40	55.40	XM1006439	英标037
BS/A 66.68		G 2 1/4	66.68	79.50	2.50	65.80	XM1006668	英标043
BS/A 66.68A		G 2 1/4	66.68	79.50	3.40	65.80	XM1006668A	英标038
BS/A 76.08		G 2 1/2	76.08	90.17	3.40	72.20	XM1007608	英标039
BS/A 89.09		G 3	89.09	101.47	3.40	85.40	XM1008909	英标044

注: 以上规格默认为碳钢(镀铜)+丁腈(NBR), 还生产不锈钢、紫铜、氟橡胶、三元乙丙胶、氯化丁腈等材质组合垫圈。

(二) 适用于公制螺纹密封。 Suitable for metric thread seal



专利号: ZL 2013 2 0894742.4 (专利产品, 仿造必究)

表一

单位: mm

订货号 Order no.	适用螺纹 (Applicable Thread)	尺寸 (Size)				零件号 Parts no.
		d	D	H	F	
BS/A 3.00	M3	3.20	7.00	1.00	2.20	XM100300
BS/A 4.00	M4	4.50	8.00	1.00	3.40	XM100400
BS/A 5.00	M5	5.70	10.00	1.00	4.50	XM100500
BS/A 6.00	M6	6.70	12.00	1.50	4.70	XM100600
BS/A 8.00	M8	8.70	14.00	2.00	6.40	XM100800
BS/A 10.00	M10	10.70	16.00	2.00	8.05	XM1001000
BS/A 12.00	M12	12.70	18.00	2.00	9.73	XM1001200
BS/A 14.00	M14	14.70	20.00	2.00	11.38	XM1001400
BS/A 16.00	M16	16.70	22.00	2.00	13.41	XM1001600
BS/A 18.00	M18	18.70	25.00	2.00	14.76	XM1001800
BS/A 20.00	M20	20.70	28.00	2.00	16.76	XM1002000
BS/A 22.00	M22	22.70	30.00	2.00	18.74	XM1002200
BS/A 24.00	M24	24.70	32.00	2.00	20.11	XM1002400
BS/A 27.00	M27	27.70	35.00	2.00	23.30	XM1002700
BS/A 30.00	M30	31.00	38.00	2.00	25.70	XM1003000
BS/A 33.00	M33	34.00	42.00	2.00	28.70	XM1003300
BS/A 36.00	M36	37.00	46.00	2.00	31.10	XM1003600
BS/A 39.00	M39	40.00	50.00	2.00	34.10	XM1003900
BS/A 42.00	M42	43.00	53.00	2.00	36.50	XM1004200
BS/A 45.00	M45	46.40	56.00	2.00	39.50	XM1004500
BS/A 48.00	M48	49.40	60.00	2.00	41.90	XM1004800
BS/A 52.00	M52	53.40	66.00	2.00	44.70	XM1005200
BS/A 60.00	M60	61.40	75.00	2.00	52.70	XM1006000
BS/A 65.00	M65	66.60	80.00	2.00	57.70	XM1006500
BS/A 70.00	M70	71.50	85.00	2.50	62.70	XM1007000
BS/A 75.00	M75	76.50	90.00	2.50	67.70	XM1007500
BS/A 80.00	M80	81.50	95.00	2.50	72.70	XM1008000
BS/A 85.00	M85	86.50	100.00	3.00	77.70	XM1008500
BS/A 90.00	M90	91.50	105.00	3.00	82.70	XM1009000
BS/A 95.00	M95	97.50	112.00	3.00	87.70	XM1009500
BS/A 100.00	M100	102.00	117.00	3.00	92.70	XM10010000

(三) 适用于德国.法国公制螺纹标准密封。 Suitable for Germany. France metric thread standard seal



专利号: ZL 2013 2 0894742.4 (专利产品, 仿造必究)

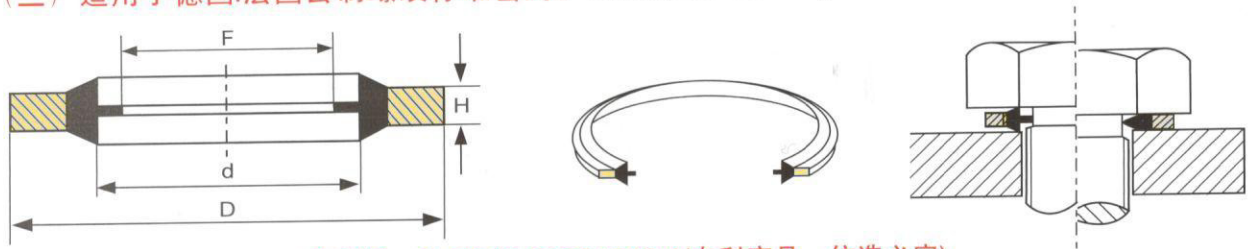
表一

单位: mm

订货号 Order no.	适用螺纹 (Applicable Thread)	尺寸 (Size)				零件号 Parts no.	参考号 Reference No.
		d	D	H	F		
BS/A 3.60	M3	3.60	7.50	1.00	/	XM100360	法标301
BS/A 4.10	M3 (M3.5)	4.10	7.20	1.00	/	XM100410	德标201
BS/A 4.50	M4	4.50	7.00	1.00	3.40	XM100450	德标202
BS/A 4.60	M4	4.60	9.00	1.00	3.40	XM100460	法标302
BS/A 5.60	M5	5.60	10.00	1.00	4.50	XM100560	法标303
BS/A 5.70	M5	5.70	9.00	1.00	4.50	XM100570	德标203
BS/A 5.70A	M5	5.70	10.00	1.00	4.50	XM100570A	德标204
BS/A 6.20	M5 (M5.5)	6.20	9.20	1.00	4.70	XM100620	德标205
BS/A 6.60	M6	6.60	11.00	1.00	4.70	XM100660	法标304
BS/A 6.70	M6	6.70	10.00	1.00	4.70	XM100670	德标206
BS/A 6.70A	M6	6.70	11.00	1.00	4.70	XM100670A	德标207
BS/A 6.70B	M6	6.70	11.00	1.50	/	XM100670B	德标208
BS/A 6.85	M6	6.85	13.27	1.50	/	XM100685	法标305
BS/A 7.00	M6	7.00	11.40	1.00	4.70	XM100700	法标306
BS/A 7.10	M6 (M6.5)	7.10	12.00	1.00	/	XM100710	德标209
BS/A 7.30	M6 (M6.7)	7.30	10.20	1.00	/	XM100730	德标210
BS/A 8.50	M6 (M8)	8.50	13.40	1.00	6.30	XM100850	德标211
BS/A 8.60	M8	8.60	13.00	1.00	6.40	XM100860	法标307
BS/A 8.70	M8	8.70	13.00	1.00	6.40	XM100870	德标212
BS/A 8.70A	M8	8.70	14.00	1.00	6.40	XM100870A	德标213
BS/A 8.70B	M8	8.70	16.00	1.00	6.40	XM100870B	德标214
BS/A 9.30	M8 (M8.5)	9.30	13.30	1.00	6.90	XM100930	德标215
BS/A 10.35	M10	10.35	16.00	2.00	8.56	XM1001035	德标216
BS/A 10.70	M8 (M10)	10.70	16.00	1.50	8.05	XM1001070	德标217
BS/A 10.70A	M10	10.70	17.00	1.50	8.56	XM1001070A	法标310
BS/A 10.70B	M8 (M10)	10.70	18.00	1.50	8.05	XM1001070B	德标218
BS/A 11.40	M10 (M11)	11.40	16.30	1.50	9.80	XM1001140	德标219
BS/A 11.80	M11	11.80	18.10	1.50	9.80	XM1001180	法标312
BS/A 11.80A	M10 (M11)	11.80	18.50	1.50	/	XM1001180A	德标220
BS/A 11.80B	M10 (M11)	11.80	19.10	1.50	9.80	XM1001180B	德标221

注: 以上规格默认为碳钢 (镀铜) + 丁腈(NBR), 还生产不锈钢、紫铜、氟橡胶、三元乙丙胶、氧化丁腈等材质组合垫圈。

(三) 适用于德国.法国公制螺纹标准密封。 Suitable for Germany. France metric thread standard seal

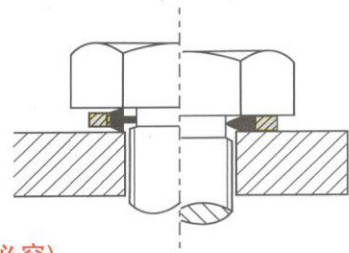
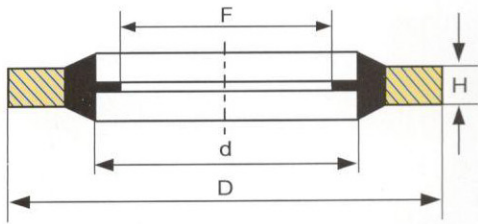


专利号: ZL 2013 2 0894742.4(专利产品, 仿造必究)

单位: mm

表二

订货号 Order no.	适用螺纹 (Applicable Thread)	尺寸 (Size)				零件号 Parts no.	参考号 Reference no.
		d	D	H	F		
BS/A 12.70	M10 (M12)	12.70	18.00	1.50	9.73	XM1001270	德标222
BS/A 12.70A	M12	12.70	19.00	1.50	9.73	XM1001270A	法标313
BS/A 12.70B	M10 (M12)	12.70	20.00	1.50	9.73	XM1001270B	德标223
BS/A 13.70	M12 (M13)	13.70	20.00	1.50	/	XM1001370	德标224
BS/A 13.70A	M12 (M13)	13.70	22.00	1.50	10.80	XM1001370A	德标225
BS/A 13.80	M13	13.80	20.10	1.50	10.80	XM1001380	法标315
BS/A 14.00A	M12 (M13.5)	14.00	18.70	1.50	11.30	XM1001400A	德标226
BS/A 14.70	M14	14.70	21.00	1.50	11.38	XM1001470	法标316
BS/A 14.70A	M12 (M14)	14.70	22.00	1.50	11.38	XM1001470A	德标227
BS/A 16.00A	M14 (M15)	16.00	22.70	1.50	/	XM1001600A	德标228
BS/A 16.70	M14	16.70	23.00	1.50	11.41	XM1001670	法标317
BS/A 16.70A	M14 (M16)	16.70	24.00	1.50	13.41	XM1001670A	德标229
BS/A 17.20	M16.5	17.20	23.90	2.00	/	XM1001720	法标319
BS/A 17.40	M17	17.40	23.70	1.50	13.08	XM1001740	法标318
BS/A 17.40A	M14 (M17)	17.40	24.00	1.50	13.08	XM1001740A	德标230
BS/A 18.00A	M16 (M17.5)	18.00	24.70	1.50	13.60	XM1001800A	德标231
BS/A 18.70	M16 (M18)	18.70	26.00	1.50	14.76	XM1001870	德标232
BS/A 18.70A	M18	18.70	27.00	2.00	14.76	XM1001870A	法标320
BS/A 20.70	M18 (M20)	20.70	28.00	1.50	16.76	XM1002070	德标233
BS/A 20.70A	M20	20.70	29.00	2.00	16.76	XM1002070A	法标321
BS/A 21.50	M18 (M21)	21.50	28.70	2.50	17.80	XM1002150	德标234
BS/A 21.70	M21	21.70	30.00	2.00	17.80	XM1002170	法标323
BS/A 22.50	M20 (M22)	22.50	28.00	1.50	/	XM1002250	德标235
BS/A 22.70	M20 (M22)	22.70	30.00	2.00	18.74	XM1002270	德标236
BS/A 22.70A	M20 (M22)	22.70	30.00	3.00	/	XM1002270A	德标237
BS/A 22.70B	M22	22.70	31.00	2.00	18.74	XM1002270B	法标324
BS/A 23.70	M23	23.70	32.00	2.00	19.30	XM1002370	法标325



专利号: ZL 2013 2 0894742.4(专利产品, 仿造必究)

单位: mm

表三

订货号 Order no.	适用螺纹 (Applicable Thread)	尺寸 (Size)				零件号 Parts no.	参考号 Reference no.
		d	D	H	F		
BS/A 24.70	M20 (M24)	24.70	32.00	2.00	20.11	XM1002470	德标238
BS/A 24.70A	M24	24.70	33.00	2.00	20.11	XM1002470A	法标326
BS/A 26.70	M26	26.70	35.00	2.00	22.30	XM1002670	德标239
BS/A 27.00A	M26	27.00	35.30	2.00	22.30	XM1002700A	法标327
BS/A 27.20	M24 (M27)	27.20	36.00	2.00	23.30	XM1002720	德标240
BS/A 27.70	M27	27.70	36.00	2.00	23.30	XM1002770	法标328
BS/A 28.60	M28	28.60	36.00	2.00	24.80	XM1002860	法标329
BS/A 28.70	M24 (M27)	28.70	37.00	2.00	/	XM1002870	德标241
BS/A 29.20	M28.5	29.20	37.50	2.00	/	XM1002920	法标330
BS/A 30.70	M30	30.70	39.00	2.00	25.70	XM1003070	法标331
BS/A 31.00	M27 (M30)	31.00	39.00	2.00	25.70	XM1003100	德标242
BS/A 33.70	M27 (M33)	33.70	42.00	2.00	28.70	XM1003370	德标243
BS/A 34.30	M30 (M33)	34.30	43.00	2.00	28.70	XM1003430	德标244
BS/A 36.70	M33 (M36)	36.70	46.00	2.00	31.10	XM1003670	德标245
BS/A 37.00	M36	37.00	48.00	2.50	31.10	XM1003700	法标333
BS/A 40.00	M36 (M39)	40.00	51.00	2.50	34.10	XM1004000	德标246
BS/A 40.00A	M39	40.00	51.00	2.50	34.10	XM1004000A	法标334
BS/A 42.70	M36 (M42)	42.70	53.00	3.00	36.50	XM1004270	德标247
BS/A 43.00	M42	43.00	54.00	2.50	36.50	XM1004300	法标335
BS/A 46.00	M45	46.00	57.00	2.50	39.50	XM1004600	法标336
BS/A 48.70	M36 (M48)	48.70	59.00	3.00	41.90	XM1004870	德标248
BS/A 49.00	M48	49.00	60.00	2.50	41.90	XM1004900	法标337
BS/A 52.00A	M42 (M51)	52.00	60.00	3.00	/	XM1005200A	德标249
BS/A 53.30	M48 (M52)	53.30	64.50	3.00	/	XM1005330	德标250
BS/A 60.70	M48 (M60)	60.70	73.00	3.00	56.80	XM1006070	德标251
BS/A 68.60	M68	68.60	79.50	3.50	/	XM1006860	德标252
BS/A 76.10	M75	76.10	90.30	3.40	/	XM1007610	德标253
BS/A 89.09	M88	89.09	101.48	3.40	/	XM1008909	德标254
BS/A 127.00	M125	127.00	143.67	5.00	/	XM10012700	德标255

注: 以上规格默认为碳钢(镀铜)+丁腈(NBR), 还生产不锈钢、紫铜、氟橡胶、三元乙丙胶、氯化丁腈等材质组合垫圈。

## 自动定芯组合垫圈(修理盒)

Automatic core combination washer (repair kit)



### 公制 (修理盒) Metric (repair kit)

(大盒)

产品规格 Product specifications	适用螺纹 (Applicable Thread)	数量 Quantity
BS/A 8.00	M8	40
BS/A 10.00	M10	40
BS/A 12.00	M12	20
BS/A 14.00	M14	40
BS/A 16.00	M16	20
BS/A 18.00	M18	20
BS/A 20.00	M20	20
BS/A 22.00	M22	20
BS/A 27.00	M27	40
BS/A 30.00	M30	20
BS/A 33.00	M33	20
BS/A 42.00	M42	12
BS/A 48.00	M48	20

(小盒)

产品规格 Product specifications	适用螺纹 (Applicable Thread)	数量 Quantity
BS/A 6.00	M6	20
BS/A 8.00	M8	20
BS/A 10.00	M10	20
BS/A 12.00	M12	20
BS/A 14.00	M14	10
BS/A 16.00	M16	10
BS/A 18.00	M18	10
BS/A 20.00	M20	10
BS/A 22.00	M22	10
BS/A 24.00	M24	10

注: 可以根据用户提供规格及数量任意搭配修理盒

Note: according to user specifications and any number of assort or arrange in pairs or groups repair kit

### 英制 (修理盒) Inch (repair kit)

(大盒)

产品规格 Product specifications	适用螺纹 (Applicable Thread)	数量 Quantity
BS/A 10.37	G 1/8	40
BS/A 13.74	G 1/4	40
BS/A 17.28	G 3/8	40
BS/A 21.54	G 1/2	40
BS/A 27.05	G 3/4	20
BS/A 33.89	G 1	20
BS/A 42.93	G 1 1/4	20
BS/A 48.44	G 1 1/2	12
BS/A 60.58	G 2	12

(小盒)

产品规格 Product specifications	适用螺纹 (Applicable Thread)	数量 Quantity
BS/A 6.86	1/4 "	20
BS/A 6.99	1/4 "	20
BS/A 8.31	5/16 "	20
BS/A 8.64	5/16 "	20
BS/A 10.37	3/8 "	20
BS/A 11.69	7/16 "	10
BS/A 13.74	1/2 "	20
BS/A 14.86	9/16 "	10
BS/A 17.28	G 3/8	20
BS/A 18.16	11/16 "	10
BS/A 21.54	13/16 "	20

注: 可以根据用户提供规格及数量任意搭配修理盒

Note: according to user specifications and any number of assort or arrange in pairs or groups repair kit