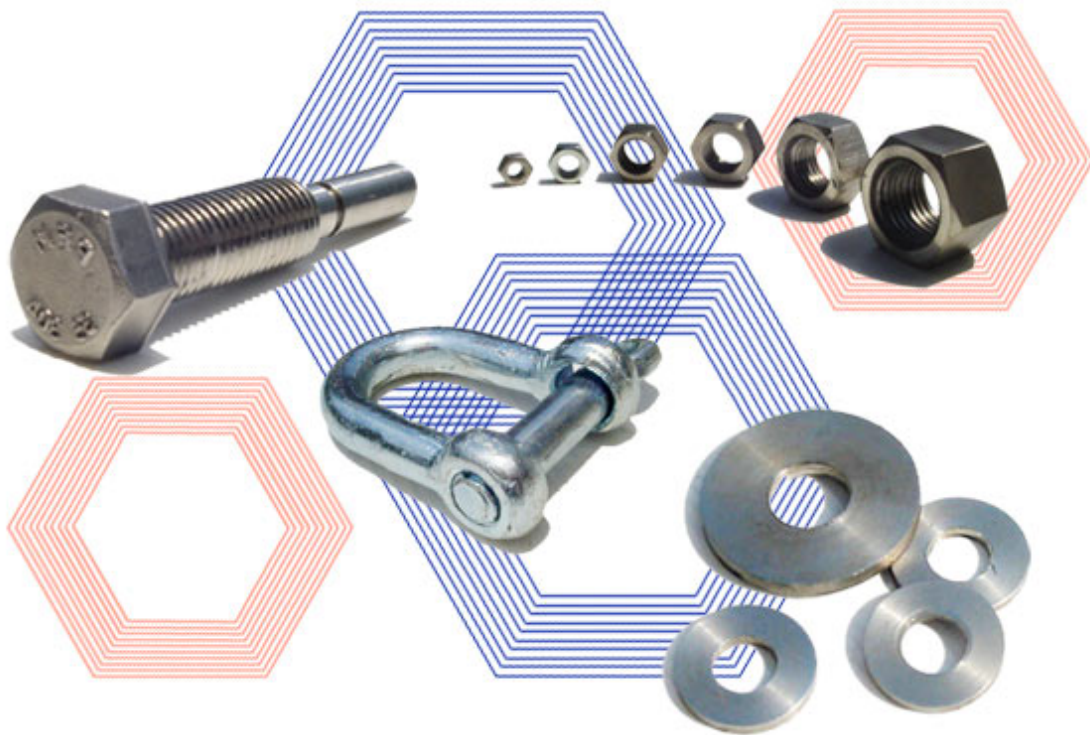




PRODUCTS 'S CATALOGUE AND SPECIFICATION

Permpoon Fastening and Motor (2004) CO., Ltd.





Permpoon Fastening and Motor (2004) CO., Ltd.

Introduction

As the Manufacturer and distributor, Permpoon Fastening and Mortor (2004) Co., Ltd. has been performed well in the area of Fastening through the affirmation coming form Domestic Market .We have tired to do our best in the sector of Fastening and also response our customer demands.

The Business categorizes a small medium factory. However, we strongly assure for our future prospective, and the way to reach our goal in the future.

Our concept is based on The Best Productivity, Delivery in Time and Customer Service, (PDC) and we still attempt to develop the products to be accepted in order to respond the customer demands.

However, the company will not succeed unless external supporters and our customer's co' operations. We, Permpoon Fastening and Motor (2004)Co.,Ltd. ,would like to give regard to thank to all; moreover, many thanks to our Formal Manager Director, Mr.Veerachai Anamayatana ,who had contributed and given us for the best support from time to time

Company Profile

Permpoon Fastening and Mortor (2004) Co.,Ltd., cores Business is a production of Bolts (U Bolt, J Bolt, V Bolt and others) , Nuts ,Screws and Other Machinery Parts, which are made form Wire Rod, Stainless, Steel Bar processed by both Cold and Hot forging.

As the Manufacturer and Retail Distributor, our key of success is trying to seek for a new market through the better distribution channel, also to respond our customer demands with the better quickly service.

PFM market is 100% catching up Domestic Market. We also supply our products to the projects such as Express Way Project, New Airport (Suwannapoom

Airport) Project and
others.

Our Product is referred to DIN, JIS, ISO, ANSI and BS Standard.
Available in Stainless
(316, 304 and others), Steel Bar, Alloy Steel, Carbon Steel and
others

Finished Product: Zinc Plated, Yellow Zinc Plated, Black Zinc, Nickel
Plated, Hot Dip
Galvanize and others

Any comments form customers are highly appreciated and
welcomed. If you have any
comments or information, please do not hesitate to contact
Permpoon Fastening and
Motor (2004) Co.,Ltd. (PFM) at once as the following address.

PRODUCTS CATEGORY

Permpoon Fastening and Motor (2004) C0., Ltd.

PFM's Product : Bolts, Nuts, Screws, Washers and Other

Type of Fastening in : DIN, JIS, ISO, ANSI, IFI and BS Standard
Available in : Stainless Steel, Brass, Alloy steel, Carbon Steel and ECT.
Finish : Zinc Plated, Yellow Zinc plated, Black Zinc, Nickel Plated,
Hot Dip Galvanize, and ECT.

Special items Made according to customer's requirement.

PFM's Product Category

■Bolts





■Nuts



■Screws



■Washers



■Other



Permpoon Fastening and Motor (2004) CO., Ltd.

Head Marking



Meaning of the world

The PFM mark : The Guarantee of the high quality products and service mild

8.8 : This mark indicates that bolts are grade 8.8 steel and replaces previous mark 8G used on metric bolts to JIS standards



Meaning of the world

The PFM mark : The Guarantee of the high quality products and service mild

A307-B : This mark indicates that bolts are standard steel used on metric bolts to JIS standards



Meaning of the world

The PFM mark : The Guarantee of the high quality products and service mild

SS 304 : This mark indicates that bolts are standard steel used on metric bolts to JIS standards



Meaning of the world

The PFM mark : The Guarantee of the high quality products and service mild

SS 316 : This mark indicates that bolts are standard steel used on metric bolts to JIS standards

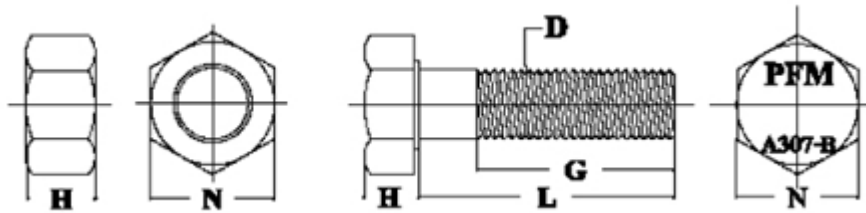


Meaning of the world

The PFM mark : The Guarantee of the high quality products and service mild

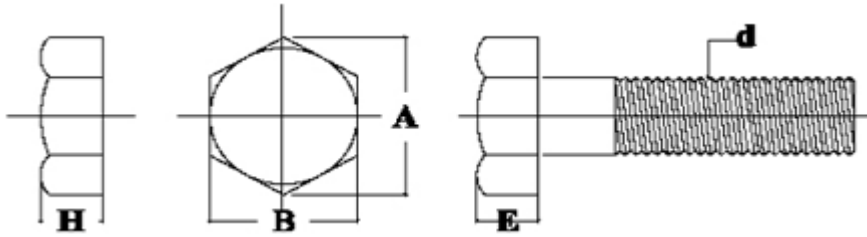
T-0 : This mark indicates that bolts are standard A325 type 0

Dimension for standard bolt and nut [mm.]



Size [mm.] [D]	M-Thread		Nut		Bolt	
	Pitch Normal	Pitch Special	N-mm.	H-mm.	N-mm.	H-mm.
M.4	0.7		7	3.2	7	2.8
M.5	0.8		8	4	8	3.5
M.6	1.0		10	5	10	4
M.8	1.25	1.0	13	6.5	13	5.5
M.10	1.5	1.25	17	8	17	7
M.12	1.75	1.5	18	10	19	8
M.14	2.0	1.5	22	11	22	9
M.16	2.0	1.5	24	13	24	10
M.18	2.5	1.5	27	15	27	12
M.20	2.5	1.5	30	16	30	13
M.22	2.5	1.5	32	18	32	14
M.24	3.0	2.0	36	19	36	15
M.27	3.0	2.0	41	22	41	17
M.30	3.5	2.0	46	24	46	19
M.33	3.5	2.0	50	26	50	21
M.36	4.0	3.0	55	29	55	23
M.39	4.0	3.0	60	31		

Dimension for standard bolt and nut [Inch]



Size [Inch] [D]	Thread per Inch	Nut			Bolt		
		H [mm.]	B [mm.]	A [mm.]	E [mm.]	B [mm.]	A [mm.]
1/4"	20	4.5-5.0	9.8-10.5	11.0- 11.5	4.0-4.5	10.5- 10.88	12.0- 12.5
5/16"	18	5.5-6.0	12.3-12.7	14.0- 14.5	4.5-5.5	13.5-14.0	15.0- 15.5
3/8"	16	7.5-8.0	16.75- 17.25	19.0- 19.5	5.5-6.0	16.5-17.0	19.0- 19.5
7/16"	14	9.0-9.5	18.0-19.5	21.0- 21.5	7.5-8.5	18.5-19.5	21.0- 21.5
1/2"	12	9.5-10.0	20.6-21.2	23.5- 24.5	8.5-9.0	18.5-19.0	23.5- 24.5
5/8"	11	13.5- 14.5	25.0-25.6	28.0- 28.5	10.2- 11.0	23.5-24.0	27.5- 28.5
3/4"	10	17.5- 18.5	31.2-31.8	35.8- 36.0	12.5- 13.0	30.8-31.8	35.0- 35.5
7/8"	9	19.5- 20.5	34.2-34.8	39.2- 40.0	16.5- 17.5	34.0-35.5	39.0- 39.5
1"	8	22.5- 23.5	40.5-41.3	46.0- 47.5	16.9- 17.9	37.0-37.8	42.0- 42.5
1-1/8"	7	27.5- 28.5	43.0-44.5	49.0- 50.0	20.5- 21.5	43.5-44.5	50.2- 51.0
1-1/4"	7	30.5- 31.5	49.5-50.5	56.0- 57.0	21.5- 22.5	49.5-50.0	56.0- 57.0
1-3/8"	6	34.5- 35.5	51.5-52.5	60.0- 61.0	26.5- 27.5	51.5-52.5	60.0- 61.0
1-1/2"	6	36.5- 38.5	54.5-55.5	69.0- 70.0	26.5- 27.5	54.4-55.5	69.0- 70.0
1-3/4"	5	44.5- 45.5	69.5-70.5	80.0- 81.0	29.5- 30.5	69.5-70.5	80.0- 81.0
2"	4.5	49.5- 51.5	74.5-75.5	85.0- 86.0	45.5- 36.5	74.5-75.5	85.0- 86.0

Permpoon Fastening and Motor (2004) CO.,Ltd.

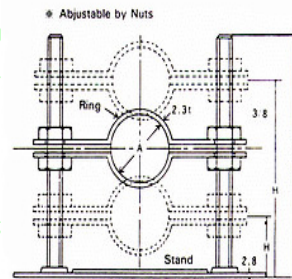
Pipe hangers and Supports Product

Adjustable Split Ring With Stand SSP (For Pvc and Steel Pipes)

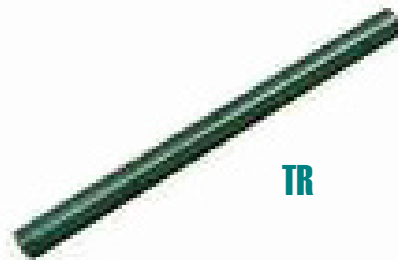
Pipe Size /Height	H	32A	40A	50A	65A	80A	100A
120L	Apply	30~110	33~110	39~110	47~110	53~110	62~110
150L		30~114	33~114	39~114	47~114	53~114	62~114
Stand Size		170	170	170	170	170	205

TR (Continuous Threaded Rod)

Size	Length
1/4	1000
1/4	1500
3/8	1000
3/8	1500
1/2	1000
1/2	1500
5/8	1000
5/8	1500



SSP



TR

RC (Rod Coupling)

Size	Length
3/8	40
1/2	40
5/8	50



RC

Permpoon Fastening and Motor (2004) CO.,Ltd.

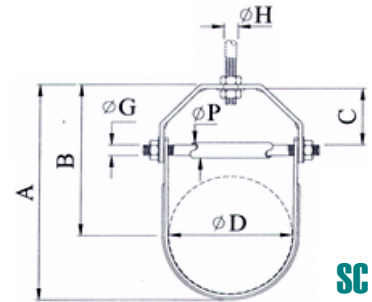
Pipe hangers and Supports Product

SR-9 (Swivel Adjuster)

Rod Size	Steel Size		Brkng Ld/kgs	Recom Ld/kgs
	t	w		
3/8	1.6	24	1,254	350
1/2	2.3	32	2,230	500
5/8	3.2	50	4,200	840



SR-9



SC

SC (Standard Clevis Hanger)

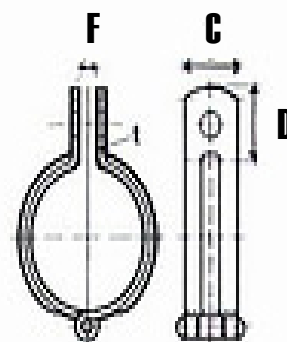
Material : Hot-rolled Steel Finish : Electro-zinc or Hot-Dipped Galvanized	Pipe Size (Inch)	Hanger ID D (mm)	A (mm)	B (mm)	C (mm)	Rod Size D (mm)	Material Size (mm)		Tube P (mm)	G (mm)
							Upper	Lower		
	1/2	20	69.5	56	19.5	3/8	25*2.5	25*2.0	-	1/4
	3/4	30	87.5	70	30	3/8	25*2.5	25*2.0	-	1/4
	1	39	95.5	72.5	30.5	3/8	25*2.5	25*2.0	-	1/4
	1 1/4	46	103	76	30.5	3/8	25*2.5	25*2.3	-	1/4
	1 1/2	52	114	84.5	35	3/8	25*2.5	25*2.3	-	5/16
	2	66	128	95	38.5	3/8	25*2.5	25*2.3	-	5/16
	2 1/2	82	147	106	36	1/2	30*4.0	30*2.5	12.7	5/16
	3	90	177.5	132.5	44	1/2	30*4.0	30*2.5	12.7	5/16
	4	120	206.5	146.5	52.5	1/2	30*4.0	30*2.5	12.7	3/8
	5	146	257	184	65.5	5/8	30*5.0	30*4.0	15.9	1/2
	6	172	302	216	88	5/8	38*5.0	38*4.0	15.9	1/2
	8	222	385	274	101.5	5/8	38*5.0	38*5.0	15.9	1/2
	10	274	451	324	118.5	7/8	50*9.0	50*6.0	22.2	3/4
	12	324	534	372	145	7/8	50*6.0	50*6.0	22.2	3/4
	14	360	586	406	145	7/8	50*6.0	50*6.0	22.2	3/4

Permpoon Fastening and Motor (2004) CO.,Ltd.

Pipe hangers and Supports Product

SR-1 (Sprit Ring Hanger)

Pipe Size	Pipe Size	Pipe OD	Bolt Size	T	C	D	F	Brkng Ld/kgs	Recom. span
15	1/2	21.7	1/4*25	1.8	25	28	8	500	1.8 M
20	3/4	27.2	1/4*25	1.8	25	28	8	500	1.8 M
25	1	34.0	1/4*25	1.8	25	28	8	500	1.8 M
32	1 1/4	42.7	1/4*25	1.8	25	28	8	500	1.8 M
40	1 1/2	48.6	1/4*25	1.8	25	28	8	500	1.8 M
50	2	60.5	5/16*25	1.8	25	28	8	616	1.8 M
65	2 1/2	76.3	5/16*25	2.3	25	28	8	987	1.8 M
80	3	89.1	5/16*25	2.3	25	28	8	965	1.8 M
100	4	114.3	5/16*25	2.3	25	28	8	984	1.8 M
125	5	139.8	3/8*32	3.2	32	36	11	1,400	2.5 M
150	6	165.2	1/2*45	3.2	32	36	11	1,375	2.5 M
200	6	216.3	1/2*45	4.5	38	36	11	2,580	2.5 M



SR-1

SR-19 (Split Ring Hanger with swivel Adjuster)

Pipe Size	Pipe Size	Rod Size	H	Brkng Ld/kgs	Recom. span
15	1/2	3/8	68	500	1.8 M
20	3/4	3/8	71	500	1.8 M
25	1	3/8	74	500	1.8 M
32	1 1/4	3/8	78	500	1.8 M
40	1 1/2	3/8	81	500	1.8 M
50	2	3/8	87	616	1.8 M
65	2 1/2	3/8	95	987	1.8 M
80	3	3/8	102	965	1.8 M
100	4	3/8	114	984	1.8 M
125	5	1/2	140	1,400	1.8 M
150	6	1/2	153	1,375	2.5M
200	8	5/8	180	2,580	2.5M



SR-19



Permpoon Fastening and Motor (2004) Co., Ltd.

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