HAGUE FASTENERS

BOLTING GUIDE · RING JOINT (RJ) FLANGES, CLASS 150 TO 1500

BOLT SIZES FOR FLANGES

Studbolt quantity, diameter (Ø) and length for each flange size. In each row the top line gives inch sizes and the lower line the metric equivalent.

Flange nominal dia.	Class 150 lbs RJ			Class 300 lbs RJ			Class 600 lbs RJ			Class 900 lbs RJ			Class 1500 lbs RJ		
	Qty	Stud Ø	Length	Qty	Stud Ø	Length	Qty	Stud Ø	Length	Qty	Stud Ø	Length	Qty	Stud Ø	Length
1/2"	-	-	-	4pcs	1/2"	3"	4pcs	1/2"	3"	4pcs	3/4"	4-1/4"	4pcs	3/4"	4-1/4"
		-	-		M14	80mm		M14	80mm		M20	115mm		M20	115mm
3/4"	-	-	-	4pcs	5/8"	3-1/2"	4pcs	5/8"	3-1/2"	4pcs	3/4"	4-1/2"	4pcs	3/4"	4-1/2"
		-	-		M16	95mm		M16	95mm		M20	120mm		M20	120mm
1"	4pcs	1/2"	3-1/4"	4pcs	5/8"	3-3/4"	4pcs	5/8"	3-3/4"	4pcs	7/8"	5"	4pcs	7/8"	5"
		M14	90mm		M16	100mm		M16	100mm		M22	130mm		M22	130mm
1-1/4"	4pcs	1/2"	3-1/4"	4pcs	5/8"	3-3/4"	4pcs	5/8"	4"	4pcs	7/8"	5"	4pcs	7/8"	5"
		M14	90mm		M16	100mm		M16	105mm		M22	130mm		M22	130mm
1-1/2"	4pcs	1/2"	3-1/2"	4pcs	3/4"	4-1/4"	4pcs	3/4"	4-1/4"	4pcs	1"	5-1/2"	4pcs	1"	5-1/2"
		M14	95mm		M20	115mm		M20	115mm		M27	145mm		M27	145mm
2"	4pcs	5/8"	3-3/4"	8pcs	5/8"	4-1/4"	8pcs	5/8"	4-1/2"	8pcs	7/8"	5-3/4"	8pcs	7/8"	5-3/4"
		M16	100mm		M16	115mm		M16	120mm		M22	150mm		M22	150mm
2-1/2"	4pcs	5/8"	4"	8pcs	3/4"	4-3/4"	8pcs	3/4"	5"	8pcs	1"	6-1/4"	8pcs	1"	6-1/4"
		M16	105mm		M20	125mm		M20	130mm		M27	165mm		M27	165mm
3"	4pcs	5/8"	4-1/4"	8pcs	3/4"	5"	8pcs	3/4"	5"	8pcs	7/8	6"	8pcs	1-1/8"	7"
		M16	115mm		M20	130mm		M20	140mm		M22	155mm		M30	185mm
3-1/2"	8pcs	5/8"	4-1/4"	8pcs	3/4"	5-1/4"	8pcs	7/8"	5-3/4"	-	-	-	-	-	-
		M16	115mm		M20	140mm		M22	150mm		-	-		-	-
4"	8pcs	5/8"	4-1/4"	8pcs	3/4"	5-1/4"	8pcs	7/8"	6"	8pcs	1-1/8"	7"	8pcs	1-1/4"	7-3/4"
		M16	115mm		M20	140mm		M22	155mm		M30	185mm		M33	205mm
5"	8pcs	3/4"	4-1/2"	8pcs	3/4"	5-1/2"	8pcs	1"	6-3/4"	8pcs	1-1/4"	7-3/4"	8pcs	1-1/2"	9-3/4"
		M20	120mm		M20	145mm		M27	175mm		M33	205mm		M39	260mm
6"	8pcs	3/4"	4-1/2"	12pcs	3/4"	5-3/4"	12pcs	1"	7"	12pcs	1-1/8"	7-3/4"	12pcs	1-3/8"	10-1/2"
		M20	120mm		M20	150mm		M27	185mm		M30	185mm		M36	275mm
8"	8pcs	3/4"	4-3/4"	12pcs	7/8"	6-1/4"	12pcs	1-1/8"	7-3/4"	12pcs	1-3/8"	9"	12pcs	1-5/8"	12"
		M20	125mm		M22	165mm		M30	200mm		M36	240mm		M42	375mm
10"	12pcs	7/8"	5-1/4"	16pcs	1"	7"	16pcs	1-1/4"	8-3/4"	16pcs	1-3/8"	9-1/2"	12pcs	1-7/8"	13-3/4"
		M22	140mm		M27	185mm		M33	230mm		M36	250mm		M48	360mm
12"	12pcs	7/8"	5-1/4"	16pcs	1-1/8"	7-1/2"	20pcs	1-1/4"	9"	20pcs	1-3/8"	10-1/4"	16pcs	2"	15-1/2"
		M22	140mm		M30	195mm		M33	240mm		M36	270mm		M52	405mm
14"	12pcs	1"	5-3/4"	20pcs	1-1/8"	7-3/4"	20pcs	1-3/8"	9"1/2	20pcs	1-1/2"	11-1/4"	16pcs	2-1/4"	17"
		M27	150mm		M30	200mm		M36	250mm		M39	295mm		M56	440mm
16"	16pcs	1"	6"	20pcs	1-1/4"	8-1/4"	20pcs	1-1/2"	10-1/4"	20pcs	1-5/8"	11-3/4"	16pcs	2-1/2"	18-1/2"
		M27	155mm		M33	220mm		M39	270mm		M42	310mm		M64	480mm
18"	16pcs	1-1/8"	6-1/2"	24pcs	1-1/4"	8-1/2"	20pcs	1-5/8"	11"	20pcs	1-7/8"	13-1/2"	16pcs	2-3/4"	20-1/2"
		M30	170mm		M33	225mm		M42	290mm		M48	355mm		M68	530mm
20"	20pcs	1-1/8"	6-3/4"	24pcs	1-1/4"	9"	24pcs	1-5/8"	11-3/4"	20pcs	2"	14-1/4"	16pcs	3"	22-1/2"
		M30	175mm		M33	240mm		M42	310mm		M52	370mm		M76	580mm
22"	20pcs	1-1/4"	7-1/2"	24pcs	1-1/2"	10-1/4"	24pcs	1-3/4"	13"	-	-	-	-	-	-
		M33	200mm		M39	270mm		M45	340mm		-	-		-	-
24"	20pcs	1-1/4"	7-1/2"	24pcs	1-1/2"	10-1/4"	24pcs	1-7/8"	13-1/4"	20pcs	2-1/2"	17-3/4"	16pcs	3-1/2"	25-3/4"
		M33	200mm		M39	270mm		M48	345mm		M64	460mm		M90	665mm

For guidance only. Always check against the relevant standard.