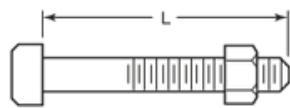
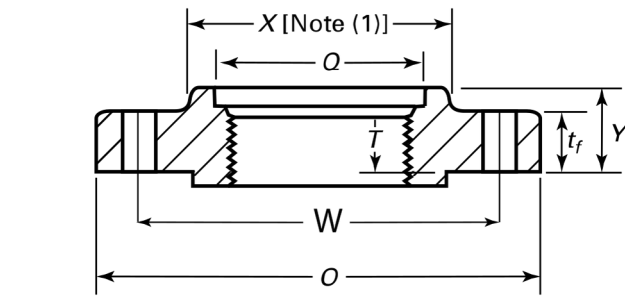


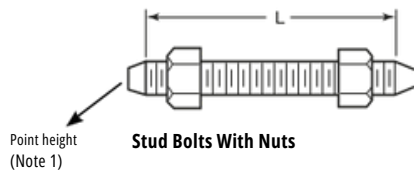


HGA®

THREADED FLANGE STAINLESS STEEL ASTM A182 304/304L ANSI B16.5 CLASS 300 RF NPT



Machine Bolt With Nuts

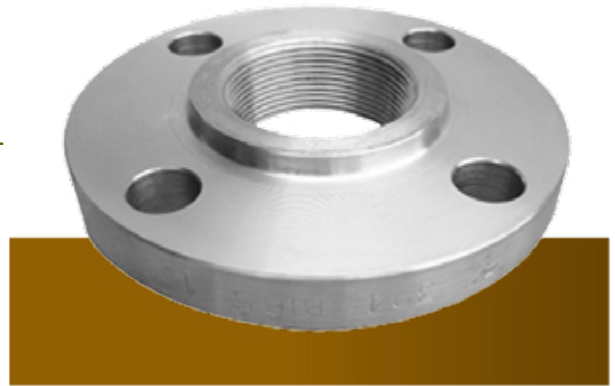


Stud Bolts With Nuts

Point height
(Note 1)

Note 1: The length of the stud bolt does not include the height of the points

* Referential photo



Dimensions are in mm

Nominal Pipe Size, NPS	Outside Diameter of Flange (O)	Minimum Thickness of Flange, (tf)	Diameter of Hub (X)	Length Through Hub (Y)	Minimum Thread Length Threaded (T)	Minimum Counter- bore (Q)	Diameter of Bolt Circle (W)	Diameter of Bolt Holes (inch)	Number of Bolts	Diameter of Bolts (inch)	Length of Bolts (L)			Weight Approx. (kg)
											Stud Bolts		Machine Bolts	
											1.5 mm Raised Face	Ring Joint	1.5 mm Raised Face	
1/2"	95	12.7	38	21	16	23.6	66.7	5/8	4	1/2	65	75	55	55
3/4"	117	14.2	48	24	16	29.0	82.6	3/4	4	5/8	75	90	65	65
1"	124	15.7	54	25	18	35.8	88.9	3/4	4	5/8	75	90	65	65
1 1/4"	133	17.5	64	25	21	44.4	98.4	3/4	4	5/8	85	95	70	70
1 1/2"	155	19.0	70	29	22	50.3	114.3	7/8	4	3/4	90	100	75	75
2"	165	20.6	84	32	28	63.5	127.0	3/4	8	5/8	90	100	75	75
2 1/2"	190	23.9	100	37	32	76.2	149.2	7/8	8	3/4	100	115	85	85
3"	210	26.9	117	41	32	92.2	168.3	7/8	8	3/4	110	120	90	90
3 1/2"	229	28.4	133	43	37	104.9	184.2	7/8	8	3/4	110	125	95	95
4"	254	30.2	146	46	37	117.6	200.0	7/8	8	3/4	115	125	95	95
5"	279	33.3	178	49	43	144.5	235.0	7/8	8	3/4	120	135	110	110
6"	318	35.1	206	51	46	171.4	269.9	7/8	12	3/4	120	140	110	110
8"	381	39.6	260	60	51	222.2	330.2	1	12	7/8	140	150	120	120
10"	444	46.0	321	65	56	276.4	387.4	1 1/8	16	1	160	170	140	140
12"	521	49.3	375	72	60	328.7	450.8	1 1/4	16	1 1/8	170	185	145	145
14"	584	52.3	425	75	64	360.4	514.4	1 1/4	20	1 1/8	180	190	160	160
16"	648	55.6	483	81	68	411.2	571.5	1 3/8	20	1 1/4	190	205	165	165
18"	711	58.7	533	87	70	462.0	628.6	1 3/8	24	1 1/4	195	210	170	170
20"	775	62.0	587	94	73	512.8	685.8	1 3/8	24	1 1/4	205	220	185	185
22"	838	65.0	641	100	---	---	743.0	1 5/8	24	1 1/2	230	255	205	205
24"	914	68.3	702	105	83	614.4	812.8	1 5/8	24	1 1/2	230	255	205	205

Note (1) This dimension is for large end of hub, which may be straight or tapered. Taper shall not exceed 7 deg on threaded, slip-on, socket-welding, and lapped flanges. This dimension is defined as the diameter at the intersection between the hub taper and back face of the flange.

* Note : Dimensions, design and materials are subject to change without notice. Reference weights



**CORPORACIÓN
GMA PERÚ E.I.R.L.**



Av Argentina 530 - C.C El Progreso 1 - INT 1877- 78 - CERCADO DE LIMA



ventas01@corgmaperu.com



949467827 - 934094909