

	R	O	T	H	X	A	Tg
1	50.8	150	38.1	83	52	33.5	6.4
1½	73.0	180	38.1	89	70	48.3	6.4
2	92.1	215	38.1	102	105	60.3	6.4
2½	104.8	245	41.3	105	124	73.0	6.4
3	127.0	265	47.7	117	133	88.9	9.5
4	157.2	310	54.0	124	162	114.3	12.7
6	215.9	395	82.6	171	229	168.3	12.7
8	269.9	485	92.1	213	292	219.1	12.7
10	323.8	585	108.0	254	368	273.0	12.7
12	381.0	675	123.9	283	451	323.8	12.7
14	412.8	750	133.4	298	495	355.6	12.7
16	469.9	825	146.1	311	552	406.4	12.7
18	533.4	915	162.0	327	597	457.2	12.7
20	584.2	985	177.8	356	641	508.0	12.7
24	692.2	1170	203.2	406	762	609.6	12.7

NPS	BOLT CIRCLE	NO OF BOLTS	DIA OF HOLES	DIA STUD BOLTS	STUD BOLT LENGTH
1	101.6	4	1	7/8	150
1½	123.8	4	1.1/8	1	160
2	165.1	8	1	7/8	150
2½	190.5	8	1.1/8	1	165
3	203.2	8	1¼	1.1/8	185
4	241.3	8	1.3/8	1¼	205
6	317.5	12	1½	1.3/8	265
8	393.7	12	1¾	1.5/8	300
10	482.6	12	2	1.7/8	345
12	571.6	16	2.1/8	2	380
14	635.0	16	2 3/8	2¼	415
16	704.8	16	2 5/8	2½	450
18	774.7	16	2 7/8	2¾	500
20	831.8	16	3.1/8	3	545
24	990.6	16	3.5/8	3½	620

General Note:

Height of Raised Face (RF) in CLASS 1500 is 7 mm.

Dimensions are in millimeters, except for bolts and bolt holes.

Ring joint fanges larger than NPS 6 will require angular meter taps.

All other dimensions are in accordance with ASME B16.5.

Bolt lengths for raised face fanges include allowance for orifice and gasket thickness of 6 mm (0.25 in.) for NPS 1 to NPS 12. Bolt lengths for ring-type joint fanges include allowance of 15 mm (0.62 in.) for NPS 1 to NPS 3.

Other NPT sizes may be furnished if required.

The length of the Stud Bolt does not include the height of the chamfers (points).

Bore (B) is to be specified by the purchaser.

ASME B16.36 CLASS 1500 FLANGES INDUSTRIES AND APPLICATIONS WIDELY USED IN THE INDUSTRIES

- Pumps, Valves, and vessels in manufacturing and food processing.
- Pipe connections in industrial waterworks.
- Heat exchangers and heating systems of all sizes.
- Mining support.
- Nuclear power systems.
- Plumbing and mechanical systems.
- Assemblies in the oil, gas, and petrochemical industries.
- Fire protection systems.