



	A	R	O	T	H	X	Tg
1	33.4	50.8	125	36.6	81	54	6.4
1½	48.3	73.0	155	36.6	84	70	6.4
2	60.3	92.1	165	36.6	84	84	6.4
2½	73.0	104.8	190	36.6	87	100	6.4
3	88.9	127.0	210	36.6	87	117	9.5
4	114.3	157.2	255	36.6	90	146	12.7
6	168.3	215.9	320	36.6	98	206	12.7
8	219.1	269.9	380	39.7	110	260	12.7
10	273.0	323.8	445	46.1	116	321	12.7
12	323.8	381.0	520	49.3	129	375	12.7
14	355.6	412.8	585	52.4	141	425	12.7
16	406.4	469.9	650	55.6	144	483	12.7
18	457.0	533.4	710	58.8	157	533	12.7
20	508.0	584.2	775	62.0	160	587	12.7
24	610.0	692.2	915	68.3	167	702	12.7

NPS	BOLT CIRCLE	NO OF BOLTS	DIA OF HOLES	DIA STUD BOLTS	STUD BOLT LENGTH
1	88.9	4	11/16	5/8	125
1½	114.3	4	13/16	3/4	135
2	127.0	8	11/16	5/8	125
2½	149.2	8	13/16	3/4	135
3	168.3	8	13/16	3/4	135
4	200.0	8	13/16	3/4	135
6	269.9	12	7/8	3/4	135
8	330.2	12	1	7/8	145
10	387.4	16	1.1/8	1	165
12	450.8	16	1¼	1.1/8	180
14	514.4	20	1¼	1.1/8	185
16	571.5	20	1.3/8	1¼	195
18	628.6	24	1.3/8	1¼	205
20	685.8	24	1.3/8	1¼	215
24	812.8	24	1.5/8	1½	240

General Note:

Height of Raised Face (RF) in CLASS 300 is 2 mm.

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

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

Ring joint fanges larger than NPS 3 will require angular meter taps.

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 300 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.