

ANSI B16.5 -1/2"-24" Forged Flanges Approximate Weight List (lbs.)

The welding neck flange is normally referred to as the "high hub" Flange. It is designed to transfer stresses to the pipe, thereby reducing high stress concentrations at the base of the Flange. The welding neck flange is the best designed butt-welded flange of those currently available because of its inherent structural value. It is expensive because of the design.

CLASS	Nominal Pipe Size	Slip On	Threaded	Socket Weld	Lap Joint	Blind	Weld Neck
900 lb	1/2	6	6	6	6	4	7
	3/4	6	6	6	6	6	7
	1	7.5	7.5	7.5	7.5	9	8.5
	1 1/4	10	10	10	10	10	10
	1 1/2	14	14	14	14	14	14
	2	22	22	22	21	25	24
	2 1/2	31	31	31	25	32	31
	3	36	36	36	29	35	36
	4	53	53	53	51	54	53
	5	83	83	83	81	87	86
	6	110	110	110	105	115	110
	8	172	172	172	190	200	187
	10	245	245	245	277	290	268
	12	326	326	326	371	415	372
	14	400	400	400	415	520	562
	16	459	459	459	488	619	685
	18	647	647	647	670	880	924
	20	792	792	792	868	1107	1164
24	1480	1480	1480	1659	2099	2107	

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