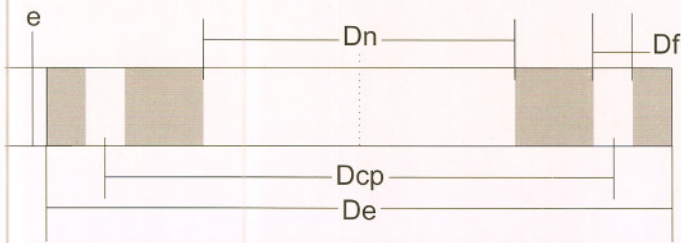


Tabela de Conversões

Dimensões de Flanges



Norma (Standard) ANSI B 16,1 (125 PSI) - B 16,5 (150 PSI)

Dn		De		Dcp		Df		e		n
Pol. (In.)	mm	Pol. (In.)	mm	Pol. (In.)	mm	Pol. (In.)	mm	Pol. (In.)	mm	
1/2	15	3 1/2	88,9	2 3/8	60,3	5/8	15,9	7/16	11,1	4
3/4	20	3 7/8	98,4	2 3/4	69,9	5/8	15,9	7/16	11,1	4
1	25	4 1/4	108,0	3 1/8	79,4	5/8	15,9	7/16	11,1	4
1 1/4	32	4 5/8	117,5	3 1/2	88,9	5/8	15,9	1/2	12,7	4
1 1/2	40	5	127,0	3 3/8	98,4	5/8	15,9	9/16	14,3	4
2	50	6	152,4	4 3/4	120,7	3/4	19,1	5/8	15,9	4
2 1/2	65	7	177,8	5 1/2	139,7	3/4	19,1	11/16	17,5	4
3	80	7 1/2	190,5	6	152,4	3/4	19,1	3/4	19,1	4
4	100	9	228,6	7 1/2	190,5	3/4	19,1	15/16	23,8	8
5	125	10	254,0	8 1/2	215,9	7/8	22,2	15/16	23,8	8
6	150	11	279,4	9 1/2	241,3	7/8	22,2	1	25,4	8
8	200	13 1/2	342,9	11 3/4	298,5	7/8	22,2	1 1/8	28,6	8
10	250	16	406,4	14 1/4	362,0	1	25,4	1 3/16	30,2	12
12	300	19	482,6	17	431,8	1	25,4	1 1/4	31,8	12
14	350	21	533,4	18 3/4	476,3	1 1/8	28,6	1 3/8	34,9	12
16	400	23 1/2	597,0	21 1/4	540,0	1 1/8	28,6	1 7/16	36,5	16

Norma (Standard) DIN 2532-2533

Dn		De		Dcp		Df		e		n
Pol. (In.)	mm	mm	mm	mm	mm	mm	mm	mm		
1/2	15	95,0	65,0	14,0	14,0	4				
3/4	20	105,0	75,0	14,0	16,0	4				
1	25	115,0	85,0	14,0	16,0	4				
1 1/4	32	140,0	100,0	18,0	18,0	4				
1 1/2	40	150,0	110,0	18,0	18,0	4				
2	50	165,0	125,0	18,0	20,0	4				
2 1/2	65	185,0	145,0	18,0	20,0	4				
3	80	200,0	160,0	18,0	22,0	8 (4)				
4	100	220,0	180,0	18,0	24,0	8				
5	125	250,0	210,0	18,0	26,0	8				
6	150	285,0	240,0	22,0	26,0	8				
8	200	340,0	295,0	22,0	26,0	8				
10	250	395,0	350,0	22,0	28,0	12				
12	300	445,0	400,0	22,0	28,0	12				
14	350	505,0	460,0	22,0	30,0	16				
16	400	565,0	515,0	26,0	32,0	16				

Algumas Conversões Úteis

1 mm	= 0,039 In
1 m	= 39,370 In
	= 3,280 ft
1m³H₂O	= 220 galões
	= 35,315 ft³
	= 1000 l
1 bar	= 10² N/m²
	= 14,5 lbf/in²
	= 1,02 kgf/cm²
	= 750,062 mm Hg
	= 10,197 mca
	= 1 atm
1 kgf/cm²	= 14,223 lbf/in²
	= 98,066 kN/m²
	= 10 mca
	= 735,556 mm Hg
	= 0,967 atm
1 atm	= 1,033 kgf/cm²
	= 1,013 x 10² N/m²
	= 760 mm Hg
	= 10,330 mca
	= 14,696 lbf/in²
	= 10² N/m²
1 mca	= 73,556 mm Hg
	= 0,100 kgf/cm²
	= 0,098 bar
	= 1,422 lbf/in²
	= 0,097 atm
	= 1 mm Hg
1 torr	= 0,010 kgf/cm²
	= 0,019 lbf/cm²
	= 0,035 ft/s
1 l/s	= 951,019 gal(USA)/h
	= 791,892 gal(UK)/h
1 m³/h	= 4,403 gal(USA)/min
	= 0,589 ft³/min
1 in	= 25,4 mm
1 ft	= 0,305 m
1 ft H₂O	= 6,235 gal(UK)
	= 28,312 l
	= 0,028 m³
	= 62,35 lbf
1 lbf/in²	= 2,312 ft H₂O
	= 2,035 in Hg
	= 0,705 mca
	= 6894 N/m²
	= 0,070 kgf/cm²
	= 0,069 bar
	= 0,068 atm
1 gal(UK)	= 0,160 ft³
	= 10 lbf
	= 4,546 l
	= 0,005 m³
	= 1,201 gal(USA)
1 gal(USA)/min	= 227,124/lh
	= 0,227 m³/h
	= 0,134 ft³/min
1 gal(UK)/min	= 272,765 l/h
	= 0,272 m³/h
	= 0,160 ft³/min
1 ft³/s	= 28,316 l/s
	= 448,830 gal(USA)/min
	= 373,730 gal(UK)/min
1 lbf	= 4,405 N
1 HP	= 0,746 KW
1 kgf	= 9,807 N
1 KW	= 1,340 HP

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