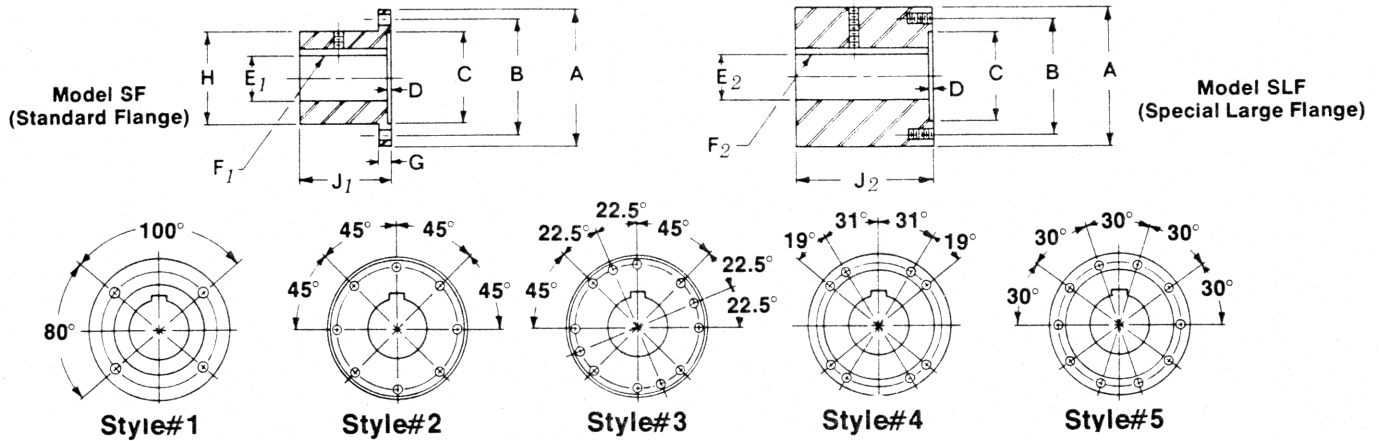
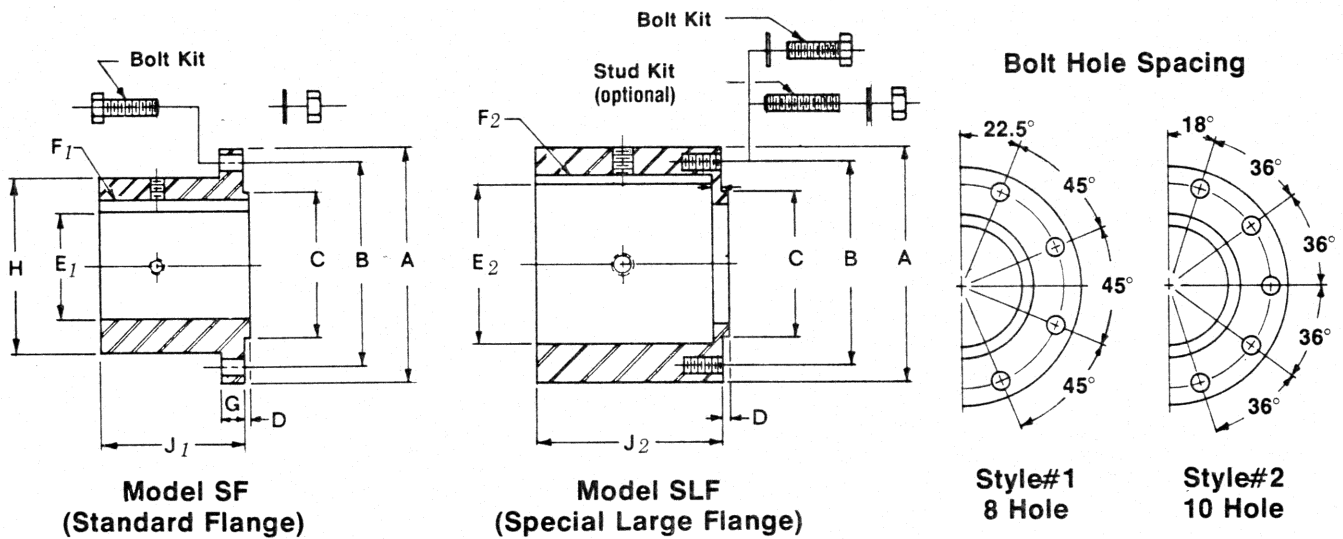


PTE FLANGE SPECIFICATIONS & DIMENSIONS

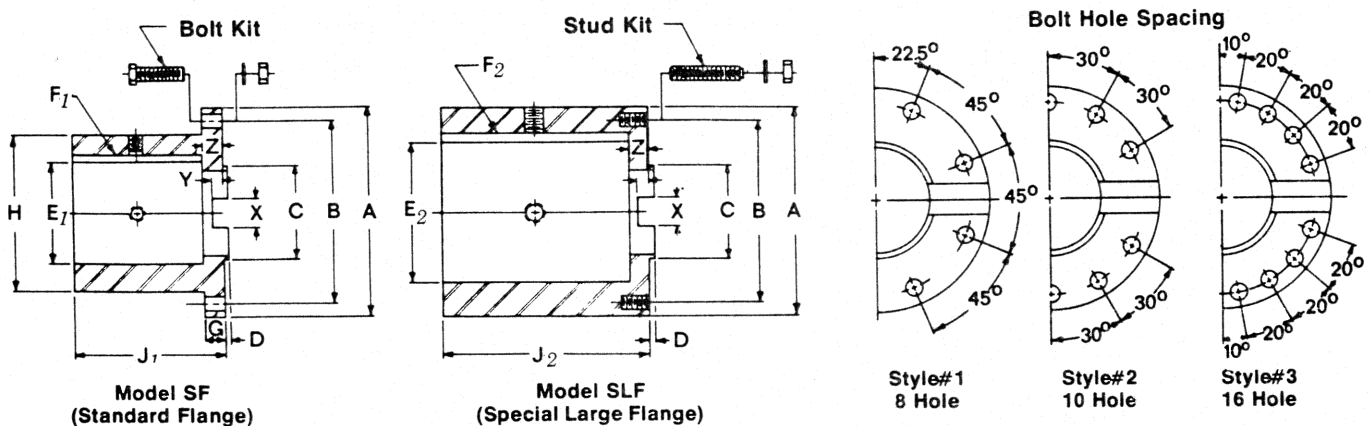
31-95 Series Companion Flanges



100-160 Series Companion Flanges



200-271 Series Companion Flanges



1. Bolt and Stud kits available upon request.
2. Web thickness must be considered when calculating shaft length.
3. Bore sizes larger than shown and MILL STYLE bores available upon request.

PTE UNIVERSAL JOINT FLANGE SPECIFICATIONS & DIMENSIONS

Series	27-31	37-41	48-55	61	71	81	88-91	95
A--Outside Dia.	3.875	4.562	5.875	6.875	8.000	8.000	9.625	11.187
B--Bolt Circle	3.125	3.750	4.750	6.125	7.250	7.250	8.250	9.812
C--Pilot Depth	2.375	2.750	3.750	6.625	7.750	7.750	7.000	8.250
D--Pilot Depth	0.078	0.078	0.093	0.063	0.063	0.063	0.140	0.140
MODEL SF (Standard Flange)								
E1--Max. Bore	1.687	1.875	2.437	3.125	4.000	4.000	4.625	5.500
F1--Max. Keyway	3/8x3/16	1/2x1/4	5/8x5/16	3/4x3/8	1x1/2	1x1/2	1-1/8x9/16	1-1/4 x 5/8
G--Flange Width	0.375	0.375	0.375	0.375	0.375	0.375	0.625	0.750
H--Hub Dia.	2.437	2.875	3.750	5.250	6.375	6.375	6.875	8.000
J1--Length	2.000	2.000	2.500	3.500	4.000	4.000	5.000	5.875
Rough Bore Dia.	0.750	1.000	1.250	1.250	1.250	1.250	1.500	2.250
Approx. Wt.-- Rough Bore	3.14#	4.25#	8.61#	21.78#	36.56#	36.56#	56.12#	86.62#
MODEL SLF (Special Large Flange)								
E2--Max. Bore	2.375	2.750	3.750	4.500	5.500	5.500	6.375	7.250
F2--Max. Keyway	5/8 x 5/16	3/4 x 3/8	1 x 1/2	1-1/8 x 9/16	1-1/4 x 5/8	1-1/4 x 5/8	1-1/4 x 5/8	1-1/2 x 3/4
J2--Length	2.500	3.000	3.500	5.000	6.000	6.000	6.000	8.000
Rough Bore Dia.	1.375	1.750	2.375	3.125	3.500	3.500	4.250	5.000
Approx. Wt.-- Rough Bore	7.27#	11.79#	22.38#	41.52#	68.77#	68.77#	99.10#	175.00#
BOLT HOLE SPACING								
Style	#1	#1	#1	#2	#2	#3	#4	#5
Number of Bolts	4	4	4	8	8	12	8	12
Thread Size	3/8-24	7/16-20	1/2-20	3/8-24	3/8-24	7/16-20	5/8-18	3/4-16

Series	100	110	120	130	140	150	160
Flange Dia.--in MM	225	250	285	315	350	390	435
A--Outside Dia.	8.858	9.843	11.22	12.402	13.78	15.354	17.126
B--Bolt Circle	7.717	8.583	9.646	11.024	12.205	13.583	15.157
C--Pilot Dia.	5.512	5.512	6.89	6.89	8.661	9.843	11.024
D--Pilot Height	0.157	0.197	0.236	0.236	0.276	0.276	0.354
MODEL SF (Standard Flange)							
E1--Max. Bore	4.437	4.937	5.562	6.437	7.25	8.062	8.937
F1--Max. Keyway	1-1/4 x 5/8	1-1/4 x 5/8	1-1/2 x 3/4	1-3/4 x 5/8	2 x 11/16	2-1/4 x 3/4	2-1/4 x 3/4
G--Flange Width	0.625	0.750	0.812	0.875	1.000	1.125	1.250
H--Hub Dia.	6.687	7.437	8.406	9.687	10.875	12.093	13.468
J1--Length	5.500	6.000	7.000	8.000	9.000	10.000	11.000
Rough Bore Dia.	1.500	1.750	2.000	2.250	2.500	2.750	3.000
Approx. Wt.-- Rough Bore	56.12#	75.99#	113.20#	169.00#	239.20#	361.80#	450.10#
MODEL SLF (Special Large Flange)							
E2--Max. Bore	5.875	6.562	7.500	8.250	9.000	10.000	11.375
F2--Max. Keyway	1-1/2 x 3/4	1-3/4 x 5/8	2 x 11/16	2-1/4 x 3/4	2-1/4 x 3/4	2-1/2 x 13/16	2-1/2 x 13/16
J2--Length	7.250	8.250	9.375	10.250	11.250	As Req'd.	As Req'd.
Z--Web Thickness	0.375	0.375	0.375	0.375	0.500	0.500	0.500
Rough Bore Dia.	2.000	2.250	2.500	2.750	3.000	3.250	3.500
Approx. Wt.-- Rough Bore	119.50#	167.75#	248.10#	331.80#	450.60#	--	--
BOLT HOLE SPACING							
Style	#1	#1	#1	#2	#2	#2	
Number of Bolts or Studs	8	8	8	8	10	10	10
Thread Size	16mm	18mm	20mm	22mm	22mm	24mm	27mm

Series	200	201	211	221	231	241	251	261	271
A--Outside Dia.	8.858	9.843	11.220	12.402	13.780	15.354	17.126	18.898	21.654
B--Bolt Circle Dia.	7.717	8.583	9.646	11.220	12.205	13.583	15.157	16.732	19.370
C--Pilot Dia.	4.134	4.134	4.921	5.118	6.102	6.693	7.480	8.071	9.843
D--Pilot Height	0.177	0.197	0.236	0.276	0.276	0.276	0.354	0.433	0.433
X--Keyway Width	1.260	1.575	1.575	1.575	1.969	2.756	3.150	3.543	3.937
Y--Keyway Depth	0.354	0.492	0.591	0.591	0.630	0.709	0.787	0.886	0.886
Z--Web Thickness	0.875	1.000	1.125	1.125	1.125	1.250	1.312	1.375	1.375
MODEL SF (Standard Flange)									
E1--Max. Bore	4.437	4.937	5.562	6.437	7.250	8.000	8.937	9.875	11.625
F1--Max. Keyway	1-1/4 x 5/8	1-1/4 x 5/8	1-1/2 x 3/4	1-3/4 x 5/8	2 x 11/16	2 x 11/16	2-1/4 x 3/4	2-1/4 x 3/4	2-3/4 x 15/16
G--Flange Width	0.812	1.000	1.062	1.250	1.375	1.625	1.687	1.875	2.000
H--Hub Dia.	6.687	7.437	8.375	9.656	10.843	12.078	13.453	14.812	17.468
J1--Length	5.500	6.000	7.000	8.000	9.000	10.000	11.000	As Req'd.	As Req'd.
Rough Bore Dia.	1.500	1.750	2.000	2.250	2.500	2.750	3.000	3.500	3.500
Approx. Wt.-- Rough Bore	57.80#	78.70#	115.60#	173.10#	243.90#	338.70#	460.70#	--	--
MODEL SLF (Special Large Flange)									
E2--Max. Bore	5.875	6.625	7.500	8.250	9.125	10.250	11.375	12.500	14.437
F2--Max. Keyway	1-1/2 x 3/4	1-3/4 x 5/8	2 x 11/16	2-1/4 x 3/4	2-1/4 x 3/4	2-1/2 x 13/16	2-3/4 x 15/16	3 x 1	3-1/2 x 1-3/16
J2--Length	7.375	8.000	9.000	10.000	11.000	As Req'd.	As Req'd.	As Req'd.	As Req'd.
Rough Bore Dia.	2.000	2.250	2.500	2.750	3.500	4.000	4.000	4.000	4.000
Approx. Wt.-- Rough Bore	121.60#	162.70#	238.40#	323.90#	432.70#	--	--	--	--
BOLT HOLE SPACING									
Style	#1	#1	#1	#2	#2	#2	#3	#3	#3
Number of Bolts or Studs	8	8	8	10	10	10	16	16	16
Thread Size (GWB)	16mm	18mm	20mm	22mm	22mm	24mm	27mm	30mm	30mm