

U.S. TSUBAKI POWER-LOCK®

SPECIFICATIONS

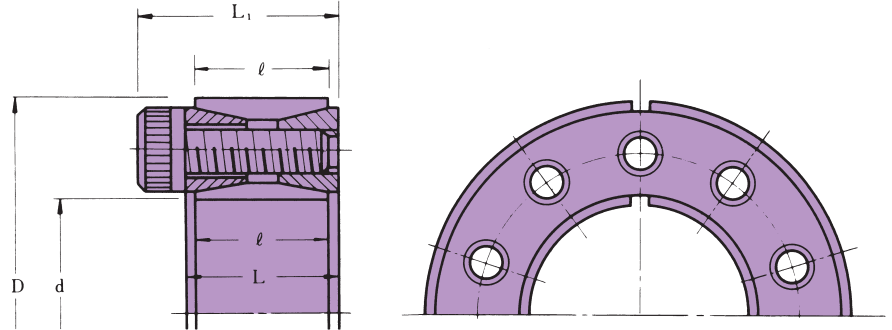
AS Inch Series

Model Number

PL 2

Shaft Dia. (inch)

POWER-LOCK® AS Series



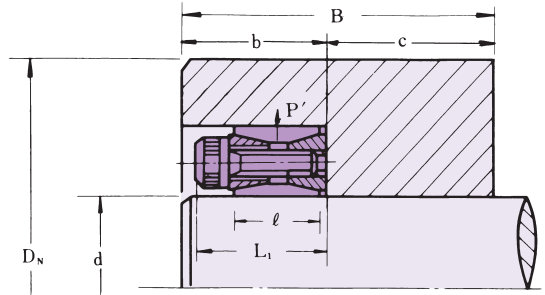
Model Number	Shaft O.D.		Hub Counter I.D.		Dimensions (inch)			Transmissible Torque Mt ft./lbs.	Transmissible Thrust Pax lbs.	Contact Pressure psi		Locking Bolts			Wt. lbs.
	d	Tolerance t ₁	D	Tolerance t ₂	L	ℓ	L ₁			Shaft P	Hub Bore P'	Qty.	Size	Tightening Torque Ma ft./lbs.	
PL 3/4	.750		1.850		.787	.709	1.024	188	5,940	30,290	12,370	6	M6 X 18	12.3	.462
PL 7/8	.875	-0.0013"	1.850	+0.0013"	.787	.709	1.024	217	5,940	26,020	12,370	6	M6 X 18	12.3	.396
PL1	1.000	+0	1.969	-0	.787	.709	1.024	318	7,480	29,010	14,650	8	M6 X 18	12.3	.484
PL1 1/8	1.125		2.165		.787	.709	1.024	354	7,480	25,450	13,370	8	M6 X 18	12.3	.550
PL1 3/16	1.1875		2.159		.819	.709	1.055	376	7,480	24,320	13,370	8	M6 X 18	12.3	.528
PL1 1/4	1.250		2.362		.787	.709	1.024	499	9,460	29,010	15,360	10	M6 X 18	12.3	.660
PL1 9/16	1.375		2.365		.773	.709	1.009	550	9,460	26,310	15,360	10	M6 X 18	12.3	.594
PL1 7/16	1.4375		2.559		.787	.709	1.024	637	10,560	27,730	15,500	11	M6 X 18	12.3	.748
PL1 1/2	1.500	-0.0015"	2.559	+0.0015"	.787	.709	1.024	658	10,560	26,590	15,500	11	M6 X 18	12.3	.704
PL1 9/16	1.625	+0	2.953	-0	.945	.827	1.260	1,085	15,840	31,570	17,490	9	M8 X 22	29.7	1.232
PL1 11/16	1.6875		2.953		.945	.827	1.260	1,122	15,840	30,480	17,490	9	M8 X 22	29.7	1.236
PL1 3/4	1.75		2.953		.945	.827	1.260	1,164	15,840	29,940	17,490	9	M8 X 22	29.7	1.227
PL1 7/8	1.875		3.150		.945	.827	1.260	1,244	15,840	27,440	16,350	9	M8 X 22	29.7	1.298
PL1 15/16	1.9375		3.150		.945	.827	1.260	1,287	15,840	26,590	16,350	9	M8 X 22	29.7	1.232
PL2	2.000		3.346		.945	.827	1.260	1,627	19,360	31,570	18,910	11	M8 X 22	29.7	1.474
PL2 1/8	2.125		3.346		.945	.827	1.260	1,729	19,360	29,360	18,910	11	M8 X 22	29.7	1.364
PL2 3/16	2.1875		3.543		.945	.827	1.260	1,779	19,360	28,870	17,880	11	M8 X 22	29.7	1.584
PL2 1/4	2.250		3.543		.945	.827	1.260	1,827	19,360	28,070	17,780	11	M8 X 22	29.7	1.496
PL2 9/16	2.375		3.531		1.008	.827	1.323	1,931	19,360	26,590	17,780	11	M8 X 22	29.7	1.408
PL2 7/16	2.4375		3.740		.945	.827	1.260	2,170	21,120	28,010	18,340	12	M8 X 22	29.7	1.650
PL2 1/2	2.500	-0.0018"	3.740	+0.0018"	.945	.827	1.260	2,228	21,120	27,300	18,340	12	M8 X 22	29.7	1.584
PL2 9/16	2.5625	+0	3.737	-0	.962	.827	1.277	2,278	21,120	26,730	18,340	12	M8 X 22	29.7	1.518
PL2 5/8	2.625		4.337		1.073	.984	1.467	3,400	31,020	31,940	19,340	11	M10 X 25	60.1	2.908
PL2 11/16	2.6875		4.337		1.073	.984	1.467	3,480	31,020	31,200	19,340	11	M10 X 25	60.1	2.832
PL2 3/4	2.750		4.337		1.073	.984	1.467	3,537	31,020	30,430	19,340	11	M10 X 25	60.1	2.662
PL2 7/8	2.875		4.528		1.102	.984	1.496	3,732	31,020	29,150	18,490	11	M10 X 25	60.1	2.926
PL2 15/16	2.9375		4.528		1.102	.984	1.496	3,812	31,020	28,580	18,490	11	M10 X 25	60.1	2.816
PL3	3.000		4.724		1.102	.984	1.496	3,855	31,020	28,010	17,780	11	M10 X 25	60.1	3.190
PL3 3/8	3.375		4.921		1.102	.984	1.496	4,745	33,660	27,160	18,630	12	M10 X 25	60.1	3.058
PL3 7/16	3.4375		5.118		1.102	.984	1.496	4,846	33,660	26,730	17,920	12	M10 X 25	60.1	3.432
PL3 1/2	3.500		5.118		1.102	.984	1.496	4,933	33,660	26,160	17,920	12	M10 X 25	60.1	3.322
PL3 3/4	3.750	-0.0021"	5.305	+0.0021"	1.151	.984	1.544	5,729	36,520	26,590	18,770	13	M10 X 25	60.1	3.388
PL3 15/16	3.9375	+0	5.708	-0	1.302	1.142	1.774	7,378	45,100	26,730	18,490	11	M12 X 30	105	4.598
PL4	4.000		5.843		1.299	1.142	1.772	7,522	45,100	26,310	18,060	11	M12 X 30	105	4.796
PL4 7/16	4.4375		6.496		1.299	1.142	1.772	9,114	49,280	25,880	17,780	12	M12 X 30	105	6.160
PL4 1/2	4.500		6.496		1.299	1.142	1.772	9,258	49,280	25,600	17,780	12	M12 X 30	105	5.984
PL4 15/16	4.9375		7.087		1.496	1.339	1.969	12,730	61,600	24,890	17,350	15	M12 X 35	105	8.118
PL5	5.000		7.087		1.496	1.339	1.969	12,870	61,600	24,600	17,350	15	M12 X 35	105	7.876
PL5 1/2	5.500	-0.0025"	7.492	+0.0025"	1.438	1.339	1.910	15,120	65,560	23,750	17,490	16	M12 X 35	106	7.898
PL6	6.000	+0	8.268	-0	1.496	1.339	1.969	19,530	77,880	25,880	18,770	19	M12 X 35	105	10.230
PL6 1/2	6.500		8.858		1.732	1.575	2.283	24,450	90,200	23,460	17,210	16	M16 X 40	167	13.200
PL7	7.000		9.252		1.732	1.575	2.283	27,990	95,700	23,180	17,490	17	M14 X 40	167	13.240
PL7 1/2	7.500		9.823		2.144	1.890	2.695	35,220	112,640	21,330	16,210	20	M14 X 45	167	17.360
PL7 7/8	7.875		10.235		2.052	1.890	2.603	38,910	118,360	21,190	16,350	21	M14 X 45	167	18.170
PL8	8.000	-0.0028"	10.504	+0.0028"	2.047	1.890	2.598	39,560	118,360	20,900	15,930	21	M14 X 45	167	19.360
PL8 1/2	8.500	+0	11.220	-0	2.205	2.008	2.835	50,050	141,020	22,040	16,640	18	M16 X 50	257	24.860
PL9	9.000		11.669		2.205	2.008	2.835	53,020	141,020	20,760	15,930	18	M16 X 50	257	25.620
PL9 1/2	9.500		12.154		2.205	2.008	2.835	62,200	156,640	21,900	17,210	20	M16 X 50	257	26.620
PL10	10.000		12.795		2.205	2.008	2.835	75,220	180,180	23,890	18,770	23	M16 X 50	257	29.920
PL10 1/2	10.500	-0.0032"	13.319	+0.0032"	2.205	2.008	2.835	78,840	180,180	22,750	18,060	23	M16 X 50	257	30.800
PL11	11.000	+0	14.000	-0	2.482	2.402	3.191	95,480	207,240	20,900	16,500	22	M18 X 60	351	41.140
PL11 15/16	11.8125		14.762		2.606	2.402	3.314	111,400	224,400	21,330	17,060	24	M18 X 60	351	43.780

Note: If your application requires slightly larger tolerances than noted, refer to page D-28.

D - PT COMPONENTS

SPECIFICATIONS

AS Inch Series



Suggested hub outside diameter for a single POWER-LOCK®.
This table shows the minimum hub diameter D_N , which can tolerate surface pressure P' based on:

$$b \geq L_1$$

$$B \geq 2\ell$$

The value, $d/2$ or more, is to be suggested as the guide length c .

<EXAMPLE> Hub Material 1030. Yield Point = 50,000 psi } Min. D_N = 4.220" required.
PL2 to be used.

Min. Hub Dia. (D_N in inches)

Model Number	Contact Pressure in the Hub Bore P' lbs./inch ²	Yield Point of Various Hub Material Y.P. (psi) $Y.P. = \sigma_{02}$					
		32,000	35,000	40,000	45,000	50,000	56,000
		Class No. 40 Grade No. 60-30	Class No. 50 Grade No. 65-35	Class No. 60 Grade No. 40010	Grade No. 45006	Grade No. 50005 Grade No. 80-65	Grade No. 1040, 1045, 1137, 1141, 1144 Grade No. 60004
PL 3/4	12,370	2.345	2.295	2.235	2.185	2.150	2.115
PL 7/8	12,370	2.345	2.295	2.235	2.185	2.150	2.115
PL1 1/8	14,650	2.615	2.550	2.465	2.400	2.355	2.310
PL1 1/4	13,370	2.790	2.730	2.650	2.590	2.540	2.495
PL1 3/16	13,370	2.790	2.730	2.650	2.590	2.540	2.495
PL1 1/2	15,360	3.180	3.095	2.990	2.910	2.850	2.790
PL1 5/8	15,360	3.185	3.100	2.995	2.915	2.850	2.790
PL1 7/16	15,500	3.455	3.360	3.245	3.160	3.090	3.030
PL1 1/2	15,500	3.455	3.360	3.245	3.160	3.090	3.030
PL1 5/8	17,490	4.155	4.025	3.865	3.745	3.655	3.570
PL1 11/16	17,490	4.155	4.025	3.865	3.745	3.655	3.570
PL1 3/4	17,490	4.155	4.025	3.865	3.745	3.655	3.570
PL1 7/8	16,305	4.325	4.205	4.050	3.935	3.845	3.760
PL1 15/16	16,305	4.325	4.205	4.050	3.935	3.845	3.760
PL2 1/8	18,910	4.850	4.685	4.480	4.330	4.220	4.110
PL2 1/4	18,910	4.850	4.685	4.480	4.330	4.220	4.110
PL2 3/16	17,780	5.015	4.855	4.660	4.515	4.405	4.300
PL2 1/4	17,780	5.015	4.855	4.660	4.515	4.405	4.300
PL2 5/8	17,780	4.995	4.840	4.645	4.500	4.390	4.285
PL2 7/16	18,340	5.355	5.180	4.965	4.805	4.680	4.565
PL2 1/2	18,340	5.355	5.180	4.965	4.805	4.680	4.565
PL2 9/16	18,340	5.350	5.175	4.960	4.800	4.675	4.565
PL2 5/8	19,340	6.345	6.125	5.850	5.650	5.495	5.355
PL2 11/16	19,340	6.345	6.125	5.850	5.650	5.495	5.355
PL2 3/4	19,340	6.345	6.125	5.850	5.650	5.495	5.355
PL2 7/8	18,490	6.505	6.290	6.020	5.825	5.675	5.535
PL2 15/16	18,490	6.505	6.290	6.020	5.825	5.675	5.535
PL3 3/8	17,780	6.685	6.475	6.210	6.020	5.870	5.730
PL3 7/16	18,630	7.090	6.855	6.560	6.345	6.180	6.025
PL3 1/2	17,920	7.260	7.035	6.745	6.530	6.370	6.220
PL3 3/4	17,920	7.260	7.035	6.745	6.530	6.370	6.220
PL3 15/16	18,770	7.665	7.410	7.090	6.855	6.675	6.505
PL4 1/2	18,490	8.200	7.930	7.590	7.345	7.155	6.980
PL4 3/4	18,060	8.315	8.050	7.715	7.470	7.285	7.110
PL4 15/16	17,780	9.190	8.900	8.540	8.275	8.070	7.880
PL4 1/2	17,780	9.190	8.900	8.540	8.275	8.070	7.880
PL4 15/16	17,350	9.935	9.635	9.255	8.970	8.755	8.555
PL5 1/2	17,350	9.935	9.635	9.255	8.970	8.755	8.555
PL6 1/2	17,490	10.535	10.210	9.805	9.505	9.275	9.060
PL6 3/4	18,770	11.945	11.545	11.045	10.680	10.400	10.140
PL6 1/2	17,210	12.380	12.010	11.540	11.190	10.925	10.675
PL7 1/2	17,490	13.010	12.610	12.105	11.735	11.450	11.185
PL7 3/4	16,210	13.445	13.070	12.590	12.240	11.965	11.710
PL7 1/2	16,350	14.050	13.655	13.150	12.775	12.490	12.220
PL8 1/2	15,930	14.295	13.905	13.405	13.035	12.750	12.480
PL8 3/4	16,640	14.495	15.050	14.480	14.060	13.740	13.440
PL9 1/2	15,930	15.880	15.445	14.890	14.480	14.165	13.865
PL9 3/4	17,210	16.985	16.475	15.830	15.355	14.990	14.650
PL10 1/2	18,770	18.485	17.865	17.090	16.525	16.095	15.690
PL10 3/4	18,060	18.950	18.345	17.585	17.030	16.600	16.205
PL11 1/2	16,500	12.280	18.725	18.030	17.510	17.115	16.740
PL11 15/16	17,060	20.565	19.955	19.180	18.610	18.170	17.760

Note: Min. Hub Dia. (D_N) calculated based upon the Formula (3) at $(K3) = 0.6$. Refer to page D-29.

U.S. TSUBAKI POWER-LOCK®

SPECIFICATIONS

AS Inch Series

Minimum Hub Diameter (D_N) When Using One POWER-LOCK®

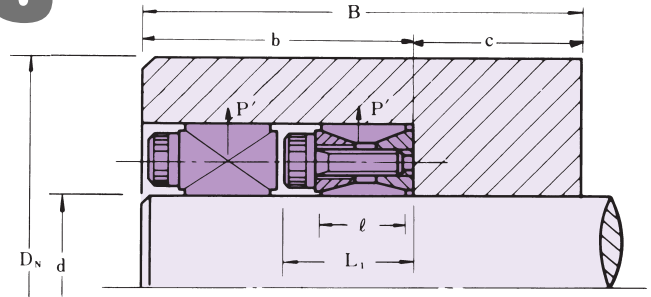
Suggested hub outside diameter for two or more POWER-LOCK. This table shows minimum hub diameters D_N , which can tolerate surface pressure P' .

$$b \geq n \cdot L_1 \quad n: \text{number of POWER-LOCK}$$

$$B \geq n \cdot L_1 + L_1 \quad (2 \leq n \leq 4)$$

The value, $d/2$ or more, is to be suggested as the guide length c .

<EXAMPLE> Hub Material 1030. Yield Point = 50,000 psi
PL2 to be used. } Min. $D_N = 4.575''$ required.



Min. Hub Dia. (D_N in inches)

Model Number	Contact Pressure in the Hub Bore P' lbs./inch ²	Yield Point of Various Hub Material Y.P. (psi) Y.P. = σ_{02}					
		32,000	35,000	40,000	45,000	50,000	56,000
		Class No. 40 Grade No. 60-30	Class No. 50 Grade No. 65-35	Class No. 60 Grade No. 40010	Grade No. 45006	Grade No. 50005 Grade No. 80-65	Grade No. 1040, 1045, 1137, 1141, 1144 Grade No. 60004
PL 3/4	12,370	2.550	2.475	2.385	2.315	2.265	2.215
PL 7/8	12,370	2.550	2.475	2.385	2.315	2.265	2.215
PL1 1/8	14,650	2.895	2.790	2.665	2.575	2.505	2.435
PL1 1/4	13,370	3.060	2.965	2.840	2.755	2.685	2.620
PL1 3/16	13,370	3.060	2.965	2.840	2.755	2.685	2.620
PL1 1/2	15,360	3.545	3.410	3.245	3.130	3.040	2.955
PL1 5/8	15,360	3.545	3.415	3.250	3.130	3.040	2.960
PL1 7/16	15,500	3.855	3.710	3.530	3.400	3.300	3.210
PL1 1/2	15,500	3.855	3.710	3.530	3.400	3.300	3.210
PL1 9/16	17,490	4.720	4.510	4.255	4.075	3.940	3.815
PL1 11/16	17,490	4.720	4.510	4.255	4.075	3.940	3.815
PL1 3/4	17,490	4.720	4.510	4.255	4.075	3.940	3.815
PL1 7/8	16,305	4.865	4.670	4.425	4.250	4.120	4.000
PL1 15/16	16,305	4.865	4.670	4.425	4.250	4.120	4.000
PL2 1/8	18,910	5.595	5.315	4.985	4.750	4.575	4.415
PL2 1/4	18,910	5.595	5.315	4.985	4.750	4.575	4.415
PL2 3/16	17,780	5.715	5.455	5.140	4.915	4.750	4.595
PL2 1/4	17,780	5.715	5.455	5.140	4.915	4.750	4.595
PL2 5/16	17,780	5.695	5.440	5.125	4.900	4.735	4.580
PL2 3/8	18,340	6.140	5.850	5.495	5.250	5.065	4.895
PL2 1/2	18,340	6.140	5.850	5.495	5.250	5.065	4.895
PL2 9/16	18,340	6.135	5.845	5.495	5.245	5.060	4.890
PL2 5/8	19,340	7.355	6.975	6.525	6.210	5.975	5.760
PL2 11/16	19,340	7.355	6.975	6.525	6.210	5.975	5.760
PL2 3/4	19,340	7.355	6.975	6.525	6.210	5.975	5.760
PL2 7/8	18,490	7.470	7.110	6.680	6.375	6.145	5.935
PL2 15/16	18,490	7.470	7.110	6.680	6.375	6.145	5.935
PL3 1/8	17,780	7.620	7.275	6.855	6.555	6.330	6.125
PL3 3/8	18,630	8.155	7.755	7.280	6.945	6.695	6.465
PL3 7/16	17,920	8.290	7.910	7.450	7.120	6.875	6.650
PL3 1/2	17,920	8.290	7.910	7.450	7.120	6.875	6.650
PL3 3/4	18,770	8.835	8.400	7.880	7.510	7.240	6.990
PL3 15/16	18,490	9.415	8.960	8.420	8.035	7.745	7.485
PL4 1/8	18,060	9.510	9.065	8.530	8.155	7.870	7.610
PL4 7/16	17,780	10.480	10.000	9.425	9.015	8.705	8.425
PL4 1/2	17,780	10.480	10.000	9.425	9.015	8.705	8.425
PL4 15/16	17,350	11.280	10.785	10.180	9.750	9.425	9.130
PL5 1/8	17,350	11.280	10.785	10.180	9.750	9.425	9.130
PL5 1/2	17,490	11.975	11.445	10.795	10.335	9.990	9.675
PL6 1/8	18,770	13.760	13.085	12.270	11.700	11.275	10.885
PL6 1/2	17,210	14.035	13.425	12.685	12.155	11.755	11.390
PL7 1/8	17,490	14.790	14.130	13.335	12.765	12.335	11.945
PL7 1/2	16,210	15.100	14.495	13.755	13.215	12.810	12.440
PL7 7/8	16,350	15.800	15.160	14.375	13.810	13.380	12.985
PL8 1/8	15,930	16.015	15.385	14.615	14.055	13.635	13.245
PL8 1/2	16,640	17.475	16.750	15.860	15.225	14.740	14.300
PL9 1/8	15,930	17.790	17.095	16.235	15.615	15.145	14.715
PL9 1/2	17,210	19.260	18.420	17.405	16.675	16.125	15.625
PL10 1/8	18,770	21.290	20.245	18.990	18.105	17.445	16.845
PL10 1/2	18,060	21.670	20.660	19.445	18.580	17.935	17.345
PL11 1/8	16,500	21.710	20.820	19.725	18.940	18.350	17.805
PL11 15/16	17,060	23.285	22.280	21.065	20.195	19.535	18.935

Note: Min. Hub Dia. (D_N) calculated based upon the Formula (3) at (K3) = 0.6. Refer to page D-29.

D - PT COMPONENTS

SPECIFICATIONS

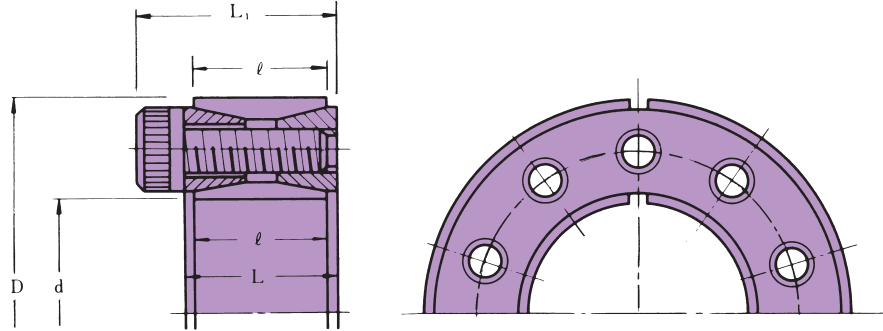
AS Inch Series

Stainless Steel

Model Number

PL 2 - SS

Stainless Series
Shaft Dia. (inch)
POWER-LOCK® AS Series



■ Features

1. All dimensions are the same as POWER-LOCK® AS Inch Series.
2. All component parts are Stainless Steel, Inner & Outer Ring are SUS304, the rest are SUS630.
3. POWER-LOCK AS Metric Stainless Series is also available.

Model Number	Shaft O.D.		Hub Counter I.D.		Dimensions inch			Transmissible Torque Mt ft./lbs.	Transmissible Thrust Pax lbs.	Contact Pressure psi		Locking Bolts			Wt. lbs.
	d	Tolerance t ₁	D	Tolerance t ₂	L	ℓ	L ₁			Shaft P	Hub Bore P'	Qty.	Size	Tightening Torque ft./lbs.	
PL 3/4 SS	.750	-0.0013" +0	1.850	+0.0013" -0	.787	.709	1.024	152	4,870	25,400	10,300	6	M6 X 18	10.1	.462
PL 7/8 SS	.875		1.850		.787	.709	1.024	178	4,870	21,770	10,300	6	M6 X 18	10.1	.396
PL1 SS	1.000		1.969		.787	.709	1.024	271	6,490	25,400	12,900	8	M6 X 18	10.1	.484
PL1 1/8 SS	1.125	-0.0015" +0	2.165	+0.0015" -0	.787	.709	1.024	305	6,490	22,580	11,730	8	M6 X 18	10.1	.550
PL1 1/16 SS	1.1875		2.159		.819	.709	1.055	322	6,490	21,390	11,760	8	M6 X 18	10.1	.528
PL1 1/4 SS	1.250		2.362		.787	.709	1.024	423	8,120	25,400	13,440	10	M6 X 18	10.1	.660
PL1 3/8 SS	1.375		2.365		.773	.709	1.009	465	8,120	23,090	13,420	10	M6 X 18	10.1	.594
PL1 7/16 SS	1.4375		2.559		.787	.709	1.024	535	8,930	24,300	13,650	11	M6 X 18	10.1	.748
PL1 1/2 SS	1.500		2.559		.787	.709	1.024	559	8,930	23,280	13,650	11	M6 X 18	10.1	.704
PL1 5/8 SS	1.625		2.953		.945	.827	1.260	901	13,300	27,440	15,100	9	M8 X 22	24.6	1.232
PL1 3/4 SS	1.75		2.953		.945	.827	1.260	970	13,300	25,480	15,100	9	M8 X 22	24.6	1.227
PL1 7/8 SS	1.875		3.150		.945	.827	1.260	1,040	13,300	23,780	14,150	9	M8 X 22	24.6	1.298
PL1 15/16 SS	1.9375		3.150		.945	.827	1.260	1,074	13,300	23,010	14,150	9	M8 X 22	24.6	1.232
PL2 SS	2.000	-0.0018" +0	3.346	+0.0018" -0	.945	.827	1.260	1,355	16,260	27,250	16,290	11	M8 X 22	24.6	1.474
PL2 1/8 SS	2.125		3.346		.945	.827	1.260	1,440	16,260	25,650	16,290	11	M8 X 22	24.6	1.364
PL2 3/16 SS	2.1875		3.543		.945	.827	1.260	1,482	16,260	24,910	15,380	11	M8 X 22	24.6	1.584
PL2 1/4 SS	2.250		3.543		.945	.827	1.260	1,525	16,260	24,220	15,380	11	M8 X 22	24.6	1.496
PL2 3/8 SS	2.375		3.531		1.008	.827	1.323	1,610	16,260	22,950	15,430	11	M8 X 22	24.6	1.408
PL2 7/16 SS	2.4375		3.740		.945	.827	1.260	1,802	17,740	24,390	15,890	12	M8 X 22	24.6	1.650
PL2 1/2 SS	2.500		3.740		.945	.827	1.260	1,848	17,740	23,780	15,890	12	M8 X 22	24.6	1.584
PL2 5/8 SS	2.5625		3.737		.962	.827	1.277	1,894	17,740	23,200	15,910	12	M8 X 22	24.6	1.518
PL2 3/4 SS	2.750		4.337		1.073	.984	1.467	3,011	26,270	26,910	17,060	11	M10 X 25	50.0	2.662
PL2 7/8 SS	2.875		4.528		1.102	.984	1.496	3,147	26,270	25,740	16,340	11	M10 X 25	50.0	2.926
PL2 15/16 SS	2.9375		4.528		1.102	.984	1.496	3,216	26,270	25,190	16,340	11	M10 X 25	50.0	2.816
PL3 SS	3.000		4.724		1.102	.984	1.496	3,284	26,270	24,660	15,660	11	M10 X 25	50.0	3.190
PL3 1/8 SS	3.375		4.921		1.102	.984	1.496	4,031	28,660	23,920	16,400	12	M10 X 25	50.0	3.058
PL3 1/4 SS	3.4375		5.118		1.102	.984	1.496	4,105	28,660	23,480	15,770	12	M10 X 25	50.0	3.432
PL3 1/2 SS	3.500		5.118		1.102	.984	1.496	4,180	28,660	23,060	15,770	12	M10 X 25	50.0	3.322
PL3 3/4 SS	3.750		5.350		1.151	.984	1.544	4,852	31,050	23,320	16,480	13	M10 X 25	50.0	3.388
PL3 15/16 SS	3.9375	5.708	1.302	1.142	1.774	6,275	38,240	23,570	16,260	11	M12 X 30	86.9	4.598		
PL4 SS	4.000	5.843	1.299	1.142	1.772	6,375	38,240	23,200	15,880	11	M12 X 30	86.9	4.796		

Note: Min. Hub Dia. (D_W) should be calculated by formula (3). Refer to page D-29.
If your application requires slightly larger tolerances than noted, refer to page D-28.