

MOST POPULAR STYLE

AS Metric Series

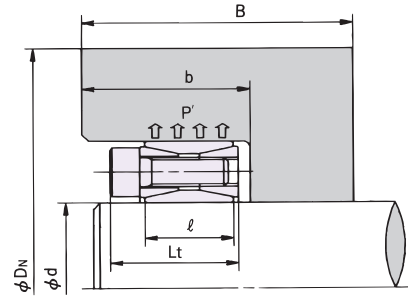
Stainless Steel

Hub Diameters for Single Unit Installation

D_N is the minimum hub diameter required to tolerate P' or the pressure exerted from within the hub.

$$B \geq 2\ell$$

<EXAMPLE> Hub Material Yield Point = 35500 psi
 PL030X055AS = 2.648" min. hub diameter



Hub Configuration Coefficient $K_3=0.6$

Min. Hub Dia. (D_N in inches)

Model Number	Hub Contact Pressure P' (psi)	Yield Point and Material examples										
		147 Mpa	176 Mpa	206 Mpa	225 Mpa	245 Mpa	274 Mpa	294 Mpa	343 Mpa	392 Mpa	441 Mpa	
		21300 psi	25500 psi	29900 psi	32600 psi	35500 psi	39700 psi	42600 psi	49700 psi	56900 psi	64000 psi	
				1010 304SS 316SS	1015 1118	1020	1030	1035 1040 1144	1045	1055		
PL019X047 AS-SS	10443	2.505	2.377	2.289	2.247	2.211	2.169	2.146	2.100	2.067	2.041	
PL020X047 AS-SS	10443	2.505	2.377	2.289	2.247	2.211	2.169	2.146	2.100	2.067	2.041	
PL022X047 AS-SS	10443	2.505	2.377	2.289	2.247	2.211	2.169	2.146	2.100	2.067	2.041	
PL024X050 AS-SS	12909	2.880	2.693	2.567	2.507	2.457	2.398	2.365	2.303	2.258	2.223	
PL025X050 AS-SS	12909	2.880	2.693	2.567	2.507	2.457	2.398	2.365	2.303	2.258	2.223	
PL028X055 AS-SS	11748	3.053	2.875	2.754	2.697	2.648	2.591	2.558	2.497	2.453	2.419	
PL030X055 AS-SS	11748	3.053	2.875	2.754	2.697	2.648	2.591	2.558	2.497	2.453	2.419	
PL032X060 AS-SS	13489	3.523	3.280	3.119	3.043	2.978	2.904	2.863	2.784	2.726	2.683	
PL035X060 AS-SS	13489	3.523	3.280	3.119	3.043	2.978	2.904	2.863	2.784	2.726	2.683	
PL038X065 AS-SS	13779	3.853	3.581	3.400	3.316	3.243	3.161	3.114	3.026	2.963	2.914	
PL040X065 AS-SS	13779	3.853	3.581	3.400	3.316	3.243	3.161	3.114	3.026	2.963	2.914	
PL042X075 AS-SS	15229	4.669	4.294	4.050	3.937	3.841	3.732	3.671	3.556	3.472	3.410	
PL045X075 AS-SS	15229	4.669	4.294	4.050	3.937	3.841	3.732	3.671	3.556	3.472	3.410	
PL048X080 AS-SS	14214	4.811	4.458	4.224	4.116	4.023	3.917	3.857	3.745	3.663	3.602	
PL050X090 AS-SS	14214	4.811	4.458	4.224	4.116	4.023	3.917	3.857	3.745	3.663	3.602	
PL055X085 AS-SS	16390	5.511	5.023	4.710	4.567	4.446	4.309	4.232	4.089	3.985	3.907	
PL060X090 AS-SS	15519	5.659	5.194	4.891	4.752	4.634	4.499	4.424	4.282	4.180	4.103	
PL065X095 AS-SS	15954	6.065	5.548	5.213	5.060	4.930	4.782	4.700	4.545	4.433	4.349	
PL070X110 AS-SS	17260	7.361	6.660	6.217	6.016	5.847	5.655	5.549	5.349	5.207	5.099	
PL075X115 AS-SS	16390	7.456	6.796	6.373	6.179	6.015	5.829	5.726	5.532	5.392	5.286	
PL080X120 AS-SS	15809	7.622	6.980	6.564	6.373	6.211	6.026	5.924	5.730	5.591	5.486	
PL085X125 AS-SS	16535	8.147	7.417	6.950	6.736	6.556	6.351	6.237	6.024	5.870	5.754	
PL090X130 AS-SS	15809	8.257	7.561	7.111	6.904	6.728	6.528	6.417	6.208	6.057	5.943	
PL095X135 AS-SS	16535	8.799	8.010	7.506	7.275	7.080	6.859	6.736	6.506	6.340	6.215	
PL100X145 AS-SS	16390	9.401	8.569	8.035	7.791	7.585	7.350	7.220	6.975	6.798	6.666	
PL110X155 AS-SS	15229	9.649	8.875	8.370	8.136	7.938	7.712	7.586	7.348	7.176	7.046	
PL120X165 AS-SS	15664	10.113	9.271	8.725	8.473	8.260	8.017	7.882	7.628	7.444	7.305	
PL130X180 AS-SS	15374	11.261	10.347	9.751	9.476	9.243	8.977	8.829	8.549	8.347	8.194	
PL140X190 AS-SS	15519	11.947	10.964	10.326	10.032	9.782	9.497	9.339	9.040	8.825	8.662	
PL150X200 AS-SS	16535	13.035	11.867	11.119	10.778	10.489	10.161	9.980	9.638	9.392	9.207	