

MOST POPULAR STYLE

AS Metric Series

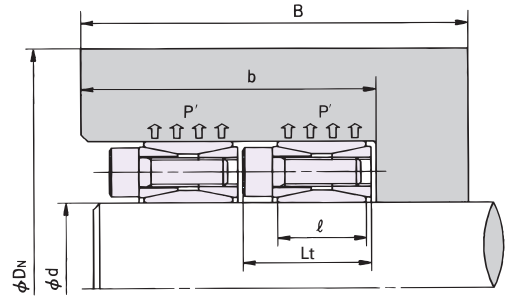
Hub Diameters for Multiple Unit Installation

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

$$B \geq Z \times (2 \times Lt)$$

Z : Number of units ($2 \leq Z \leq 4$)

<EXAMPLE> Hub Material Yield Point = 35500 psi
 PL030X055AS = 2.952" min. hub diameter



Hub Configuration Coefficient $K_3=0.8$

Min. Hub Dia. (D_N in inches)

Model Number	AS	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
PL019X047	AS	12,328	3.053	2.781	2.607	2.528	2.461	2.384	2.342	2.262	2.205	2.162
PL020X047	AS	12,328	3.053	2.781	2.607	2.528	2.461	2.384	2.342	2.262	2.205	2.162
PL022X047	AS	12,328	3.053	2.781	2.607	2.528	2.461	2.384	2.342	2.262	2.205	2.162
PL024X050	AS	14,649	3.652	3.233	2.979	2.867	2.773	2.668	2.610	2.503	2.426	2.369
PL025X050	AS	14,649	3.652	3.233	2.979	2.867	2.773	2.668	2.610	2.503	2.426	2.369
PL028X055	AS	13,344	3.754	3.381	3.147	3.041	2.952	2.852	2.796	2.693	2.618	2.563
PL030X055	AS	13,344	3.754	3.381	3.147	3.041	2.952	2.852	2.796	2.693	2.618	2.563
PL032X060	AS	15,374	4.560	3.995	3.659	3.511	3.389	3.253	3.179	3.041	2.943	2.870
PL035X060	AS	15,374	4.560	3.995	3.659	3.511	3.389	3.253	3.179	3.041	2.943	2.870
PL038X065	AS	15,519	4.981	4.353	3.983	3.820	3.685	3.535	3.454	3.302	3.195	3.115
PL040X065	AS	15,519	4.981	4.353	3.983	3.820	3.685	3.535	3.454	3.302	3.195	3.115
PL042X075	AS	17,550	6.507	5.480	4.917	4.678	4.484	4.271	4.157	3.946	3.800	3.691
PL045X075	AS	17,550	6.507	5.480	4.917	4.678	4.484	4.271	4.157	3.946	3.800	3.691
PL048X080	AS	16,390	6.450	5.556	5.043	4.821	4.639	4.437	4.328	4.126	3.983	3.878
PL050X080	AS	16,390	6.450	5.556	5.043	4.821	4.639	4.437	4.328	4.126	3.983	3.878
PL055X085	AS	18,855	8.085	6.599	5.834	5.518	5.265	4.990	4.843	4.577	4.392	4.256
PL060X090	AS	17,840	7.962	6.663	5.960	5.663	5.423	5.160	5.019	4.760	4.579	4.446
PL065X095	AS	18,275	8.662	7.176	6.387	6.058	5.792	5.502	5.347	5.063	4.866	4.720
PL070X110	AS	19,290	10.819	8.723	7.670	7.239	6.896	6.524	6.327	5.969	5.721	5.539
PL075X115	AS	18,420	10.595	8.746	7.772	7.366	7.039	6.683	6.492	6.144	5.903	5.725
PL080X120	AS	17,840	10.616	8.884	7.946	7.551	7.231	6.880	6.692	6.347	6.106	5.928
PL085X125	AS	18,565	11.637	9.571	8.491	8.042	7.681	7.289	7.079	6.696	6.430	6.234
PL090X130	AS	17,840	11.501	9.624	8.608	8.180	7.833	7.453	7.249	6.875	6.615	6.422
PL095X135	AS	18,710	12.703	10.409	9.218	8.725	8.329	7.898	7.669	7.250	6.960	6.746
PL100X145	AS	18,420	13.358	11.027	9.799	9.287	8.875	8.426	8.186	7.747	7.443	7.218
PL110X155	AS	17,405	13.320	11.252	10.111	9.626	9.232	8.798	8.564	8.135	7.835	7.613
PL120X165	AS	17,840	14.597	12.216	10.926	10.383	9.942	9.460	9.201	8.726	8.396	8.151
PL130X180	AS	17,405	15.469	13.067	11.742	11.179	10.721	10.217	9.946	9.448	9.099	8.841
PL140X190	AS	17,550	16.485	13.883	12.456	11.851	11.360	10.821	10.530	9.998	9.626	9.350
PL150X200	AS	18,710	18.819	15.420	13.656	12.925	12.339	11.701	11.361	10.741	10.311	9.994
PL160X210	AS	18,710	19.760	16.191	14.339	13.572	12.956	12.286	11.929	11.278	10.826	10.494
PL170X225	AS	17,260	19.155	16.229	14.605	13.913	13.349	12.729	12.394	11.780	11.349	11.031
PL180X235	AS	17,550	20.389	17.171	15.406	14.658	14.051	13.384	13.024	12.366	11.905	11.565
PL190X250	AS	16,245	19.983	17.257	15.685	15.003	14.443	13.821	13.484	12.860	12.421	12.095
PL200X260	AS	16,390	20.964	18.058	16.391	15.669	15.077	14.421	14.065	13.408	12.946	12.602
PL220X285	AS	16,680	23.390	20.042	18.141	17.323	16.653	15.912	15.511	14.771	14.252	13.866
PL240X305	AS	17,405	26.211	22.141	19.896	18.942	18.166	17.312	16.853	16.008	15.418	14.981
PL260X325	AS	18,710	30.581	25.058	22.191	21.004	20.051	19.015	18.461	17.454	16.755	16.240
PL280X355	AS	16,535	28.877	24.809	22.488	21.486	20.664	19.755	19.262	18.353	17.714	17.239
PL300X375	AS	17,115	31.628	26.875	24.222	23.088	22.164	21.145	20.595	19.583	18.875	18.349