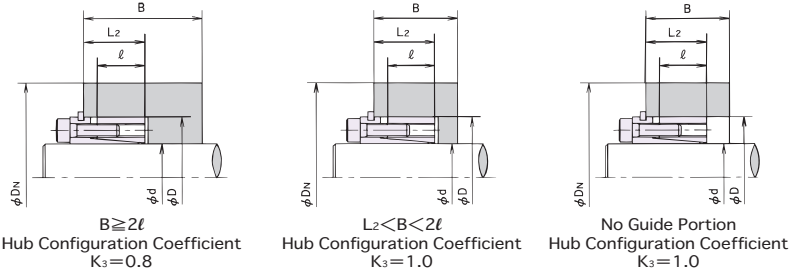


STAINLESS STEEL FLANGED/STRAIGHT OPTION

# RE Metric Series

## Flange Type With Snap Ring Installed



### Hub Configuration Coefficient $K_3=0.8$ Min. Hub Dia.

Model Number	RE-SS	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
PL005X018	RE-SS	4496	0.840	0.817	0.800	0.792	0.784	0.776	0.771	0.762	0.755	0.750
PL006X019	RE-SS	4206	0.877	0.854	0.838	0.830	0.823	0.814	0.810	0.800	0.794	0.788
PL008X021	RE-SS	5076	1.003	0.971	0.948	0.937	0.927	0.916	0.910	0.897	0.888	0.881
PL010X026	RE-SS	5802	1.277	1.230	1.197	1.181	1.167	1.151	1.142	1.124	1.111	1.101
PL011X027	RE-SS	5657	1.319	1.272	1.238	1.222	1.208	1.192	1.182	1.165	1.151	1.141
PL012X028	RE-SS	6817	1.432	1.369	1.326	1.305	1.287	1.266	1.254	1.231	1.214	1.201
PL014X030	RE-SS	6962	1.543	1.474	1.426	1.403	1.383	1.360	1.347	1.322	1.303	1.289
PL015X031	RE-SS	6672	1.576	1.509	1.462	1.439	1.420	1.397	1.384	1.359	1.341	1.327
PL016X032	RE-SS	6527	1.618	1.550	1.503	1.480	1.461	1.438	1.425	1.400	1.381	1.367
PL017X033	RE-SS	5802	1.621	1.561	1.519	1.499	1.482	1.461	1.449	1.427	1.410	1.397
PL018X034	RE-SS	5657	1.661	1.601	1.559	1.539	1.521	1.501	1.489	1.466	1.450	1.437
PL019X035	RE-SS	7252	1.822	1.737	1.677	1.649	1.625	1.596	1.580	1.549	1.527	1.509
PL020X039	RE-SS	8557	2.142	2.021	1.939	1.900	1.866	1.827	1.805	1.763	1.733	1.710
PL022X041	RE-SS	8122	2.211	2.094	2.013	1.975	1.942	1.904	1.882	1.841	1.811	1.787
PL024X043	RE-SS	9428	2.450	2.296	2.191	2.142	2.100	2.051	2.024	1.972	1.935	1.906
PL025X044	RE-SS	9138	2.476	2.326	2.224	2.176	2.134	2.087	2.060	2.009	1.971	1.943
PL028X049	RE-SS	9283	2.775	2.603	2.487	2.432	2.385	2.331	2.300	2.242	2.200	2.168
PL030X050	RE-SS	9138	2.814	2.643	2.527	2.472	2.425	2.371	2.341	2.283	2.240	2.208
PL032X052	RE-SS	8557	2.856	2.695	2.585	2.533	2.488	2.436	2.407	2.351	2.311	2.279
PL035X058	RE-SS	9138	3.264	3.066	2.931	2.868	2.813	2.750	2.715	2.648	2.599	2.561
PL038X060	RE-SS	9863	3.484	3.252	3.096	3.023	2.961	2.889	2.848	2.772	2.716	2.674
PL040X063	RE-SS	9428	3.590	3.363	3.210	3.139	3.077	3.006	2.966	2.890	2.834	2.792
PL042X066	RE-SS	10298	3.906	3.631	3.449	3.363	3.290	3.207	3.160	3.071	3.007	2.958
PL045X068	RE-SS	10008	3.973	3.704	3.523	3.439	3.367	3.284	3.237	3.149	3.085	3.036
PL048X072	RE-SS	9428	4.103	3.844	3.669	3.587	3.516	3.435	3.389	3.303	3.239	3.191
PL050X075	RE-SS	10588	4.496	4.169	3.952	3.851	3.765	3.666	3.611	3.507	3.431	3.373

### Hub Configuration Coefficient $K_3=1.0$ Min. Hub Dia.

Model Number	RE-SS	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
PL005X018	RE-SS	4496	0.878	0.847	0.825	0.814	0.805	0.794	0.788	0.776	0.767	0.760
PL006X019	RE-SS	4206	0.914	0.883	0.862	0.852	0.842	0.832	0.826	0.814	0.806	0.799
PL008X021	RE-SS	5076	1.054	1.011	0.982	0.967	0.955	0.940	0.932	0.916	0.904	0.895
PL010X026	RE-SS	5802	1.353	1.290	1.246	1.225	1.207	1.186	1.174	1.151	1.134	1.121
PL011X027	RE-SS	5657	1.395	1.332	1.288	1.266	1.248	1.227	1.215	1.192	1.175	1.162
PL012X028	RE-SS	6817	1.535	1.449	1.391	1.363	1.339	1.311	1.295	1.265	1.244	1.227
PL014X030	RE-SS	6962	1.658	1.562	1.498	1.467	1.440	1.410	1.393	1.360	1.336	1.317
PL015X031	RE-SS	6672	1.687	1.595	1.532	1.502	1.476	1.446	1.429	1.397	1.373	1.355
PL016X032	RE-SS	6527	1.728	1.636	1.573	1.543	1.517	1.487	1.470	1.438	1.414	1.396
PL017X033	RE-SS	5802	1.718	1.637	1.582	1.555	1.532	1.505	1.490	1.461	1.439	1.423
PL018X034	RE-SS	5657	1.757	1.677	1.621	1.595	1.572	1.545	1.530	1.501	1.479	1.463
PL019X035	RE-SS	7252	1.964	1.845	1.765	1.727	1.695	1.657	1.636	1.596	1.567	1.544
PL020X039	RE-SS	8557	2.349	2.176	2.062	2.008	1.963	1.911	1.882	1.827	1.787	1.757
PL022X041	RE-SS	8122	2.411	2.244	2.133	2.081	2.037	1.986	1.957	1.903	1.864	1.834
PL024X043	RE-SS	9428	2.722	2.494	2.347	2.279	2.222	2.156	2.120	2.051	2.001	1.964
PL025X044	RE-SS	9138	2.739	2.519	2.376	2.310	2.254	2.189	2.154	2.086	2.037	2.000
PL028X049	RE-SS	9283	3.076	2.824	2.660	2.585	2.521	2.447	2.407	2.306	2.275	2.233
PL030X050	RE-SS	9138	3.112	2.863	2.700	2.625	2.561	2.488	2.447	2.370	2.315	2.273
PL032X052	RE-SS	8557	3.132	2.901	2.749	2.678	2.617	2.548	2.509	2.436	2.383	2.342
PL035X058	RE-SS	9138	3.610	3.321	3.132	3.045	2.971	2.886	2.839	2.750	2.685	2.637
PL038X060	RE-SS	9863	3.897	3.551	3.329	3.227	3.141	3.044	2.990	2.888	2.815	2.759
PL040X063	RE-SS	9428	3.988	3.655	3.439	3.327	3.255	3.159	3.106	3.005	2.932	2.877
PL042X066	RE-SS	10298	4.401	3.985	3.722	3.602	3.502	3.387	3.324	3.206	3.121	3.057
PL045X068	RE-SS	10008	4.455	4.051	3.793	3.675	3.576	3.463	3.400	3.283	3.198	3.135
PL048X072	RE-SS	9428	4.558	4.177	3.930	3.816	3.720	3.610	3.549	3.434	3.351	3.288
PL050X075	RE-SS	10588	5.091	4.591	4.277	4.134	4.015	3.880	3.805	3.665	3.565	3.490