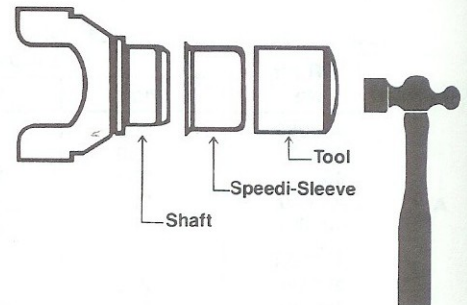
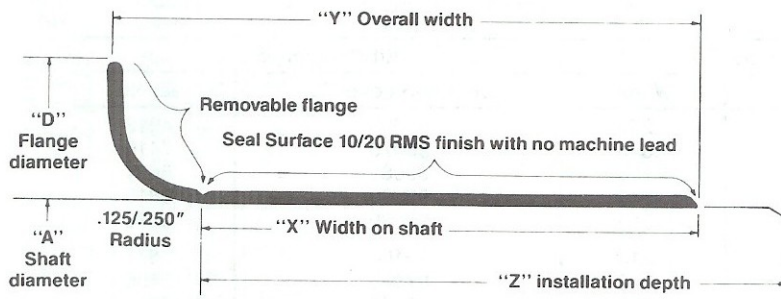




Reference Shaft	"A" Shaft Diameter Range		Stock Number	"X" Width On Shaft (Inches $\pm .031$)	"Y" Overall Width (Inches $\pm .031$)	"D" Flange Diameter (Inches $\pm .063$)	"Z" Installation Depth
	Minimum Inches	Maximum Inches					
.472	.469	.475	99049	.236	.331	.610	1.875
.500	.498	.502	99050	.250	.344	.610	2.000
.563	.560	.566	99056	.250	.391	.750	1.831
.591	.589	.593	99059	.197	.354	.750	1.862
.625	.623	.627	99062	.313	.406	.750	2.000
.669	.667	.671	99068	.313	.433	1.063	2.000
.684	.682	.686	99060	.313	.438	.900	2.000
.706	.704	.709	99082	.315	.433	1.063	1.811
.750	.748	.752	99076	.313	.438	.945	2.000
.760	.759	.761	99081	.313	.438	.938	2.000
.781	.780	.784	99080	.313	.438	.935	2.000
.787	.785	.789	99078	.313	.433	.930	2.000
.859	.857	.861	99086	.250	.375	1.155	2.000
.866	.861	.866	99085	.315	.472	1.188	1.813
.875	.873	.877	99087	.313	.438	1.094	2.000
.910	.908	.912	99091	.313	.438	1.218	1.847
.969	.966	.970	99094	.313	.438	1.130	2.000
.969	.966	.970	99096	.625	.719	1.130	2.000
.984	.982	.986	99098	.313	.433	1.300	2.000
1.000	.998	1.002	99100	.313	.438	1.219	2.000
1.024	1.019	1.024	99103	.313	.472	1.312	1.813
1.063	1.060	1.064	99106	.313	.438	1.320	2.813
1.089	1.087	1.091	99108	.313	.438	1.406	.625
1.102	1.100	1.104	99111	.375	.500	1.375	1.843
1.125	1.123	1.127	99112	.313	.438	1.500	.688
1.156	1.154	1.158	99120	.375	.500	1.350	.688
1.175	1.173	1.178	99122	.313	.438	1.575	.688
1.181	1.179	1.184	99114	.315	.433	1.400	.688
1.188	1.185	1.190	99118	.313	.438	1.400	.688
1.219	1.216	1.222	99123	.313	.433	1.563	.625
1.240	1.237	1.243	99141	.315	.438	1.540	.688
1.250	1.247	1.253	99125	.313	.438	1.500	.688
1.260	1.257	1.263	99128	.315	.438	1.500	.688
1.313	1.308	1.314	99129	.250	.375	1.600	.813
1.313	1.310	1.316	99131	.500	.625	1.594	.813
1.375	1.371	1.377	99133	.313	.438	1.638	.813
1.375	1.371	1.377	99138	.500	.625	1.638	.813
1.375	1.375	1.381	99139	.512	.630	1.638	.813
1.417	1.412	1.417	99146	.512	.669	1.781	.984
1.438	1.432	1.438	99143	.563	.688	1.781	1.016
1.438	1.435	1.441	99144	.375	.500	1.781	1.016
1.496	1.490	1.496	99147	.512	.669	1.781	.984
1.500	1.497	1.503	99150	.375	.500	1.781	1.016
1.500	1.497	1.503	99149	.563	.688	1.781	1.016
1.523	1.520	1.526	99152	.438	.563	1.859	1.016
1.552	1.549	1.555	99155	.438	.563	1.859	1.016
1.563	1.559	1.565	99156	.563	.688	1.859	1.016
1.578	1.572	1.578	99157	.512	.630	1.850	1.023
1.605	1.602	1.608	99160	.500	.641	1.938	1.000
1.625	1.622	1.628	99161	.313	.438	1.875	1.016
1.625	1.623	1.628	99162	.563	.688	1.875	.813

See page 38A for product information.

(Continued)

457010 Speedi-Sleeve Size Listing—Inches

CRSEALS

Reference Shaft	"A" Shaft Diameter Range		Stock Number	"X" Width On Shaft (Inches ±.031)	"Y" Overall Width (Inches ±.031)	"D" Flange Diameter (Inches ±.063)	"Z" Installation Depth
	Minimum Inches	Maximum Inches					
1.650	1.647	1.653	99166	.445	.571	2.087	.846
1.650	1.647	1.653	99169	.563	.689	2.087	.827
1.688	1.684	1.690	99168	.563	.688	1.906	.875
1.688	1.685	1.691	99167	.313	.438	1.906	.875
1.719	1.715	1.721	99171	.563	.688	2.031	.813
1.739	1.736	1.742	99170	.375	.500	2.063	.813
1.750	1.747	1.753	99172	.375	.500	2.055	.813
1.750	1.747	1.753	99180	.531	.625	2.063	.875
1.750	1.747	1.753	99174	.563	.688	2.063	.813
1.750	1.747	1.753	99175	.750	.875	2.063	.813
1.766	1.761	1.767	99176	.563	.688	2.063	.813
1.772	1.769	1.775	99177	.551	.669	2.087	.813
1.781	1.778	1.784	99179	.675	.800	2.125	1.062
1.813	1.809	1.815	99181	.563	.688	2.090	1.000
1.859	1.857	1.863	99185	.563	.688	2.156	1.000
1.868	1.866	1.872	99186	.889	1.025	2.188	1.000
1.875	1.872	1.878	99190	.175	.295	2.203	.744
1.875	1.872	1.878	99188	.295	.415	2.203	.744
1.875	1.872	1.878	99184	.375	.516	2.203	1.050
1.875	1.872	1.878	99187	.563	.688	2.203	1.000
1.891	1.887	1.893	99189	.551	.668	2.205	.984
1.912	1.909	1.915	99192	.375	.500	2.219	1.000
1.938	1.934	1.940	99193	.563	.688	2.219	1.000
1.969	1.965	1.971	99196	.551	.668	2.244	.984
1.980	1.977	1.983	99198	.563	.704	2.313	1.050
2.000	1.997	2.003	99199	.563	.688	2.406	1.000
2.000	1.997	2.003	99200	.875	1.000	2.406	1.000
2.063	2.057	2.063	99205	.813	.938	2.469	1.375
2.125	2.123	2.128	99210	.500	.750	2.422	1.281
2.125	2.124	2.130	99212	.781	.938	2.422	1.375
2.165	2.162	2.168	99215	.787	.905	2.441	1.250
2.188	2.186	2.192	99218	.781	.938	2.500	1.313
2.230	2.227	2.233	99229	.500	.625	2.531	1.313
2.230	2.227	2.233	99230	.781	.906	2.531	1.250
2.240	2.237	2.243	99226	.764	.900	2.563	1.250
2.250	2.249	2.255	99225	.781	.938	2.531	1.313
2.250	2.249	2.255	99227	.313	.438	2.531	1.313
2.313	2.309	2.315	99231	.781	.938	2.688	1.375
2.328	2.327	2.333	99233	.750	.875	2.750	1.500
2.362	2.359	2.365	99241	.370	.450	2.785	1.471
2.362	2.359	2.365	99235	.787	.905	2.785	1.375
2.375	2.369	2.375	99236	.781	.938	2.750	1.375
2.375	2.372	2.378	99238	.594	.750	2.750	1.375
2.375	2.374	2.380	99240	.526	.683	2.750	1.375
2.375	2.374	2.380	99237	.781	.938	2.750	1.375
2.438	2.434	2.440	99243	.781	.938	2.828	1.393
2.438	2.435	2.441	99242	.500	.625	2.828	1.425
2.492	2.489	2.495	99249	.781	.938	2.875	1.393
2.500	2.497	2.503	99253	.555	.650	2.820	.890
2.500	2.500	2.506	99248	.500	.656	2.828	1.393
2.500	2.500	2.506	99250	.781	.938	2.820	1.375
2.516	2.510	2.516	99251	.781	.906	2.828	1.438
2.559	2.556	2.562	99254	.787	.905	2.850	1.375
2.563	2.560	2.566	99256	.781	.938	2.891	1.375
2.598	2.595	2.601	99259	.781	.938	2.990	1.250
2.621	2.618	2.624	99261	.781	.938	3.047	1.375
2.625	2.621	2.627	99264	.781	.906	3.047	1.375
2.625	2.622	2.628	99260	.500	.625	3.047	1.375
2.625	2.625	2.631	99262	.781	.938	3.047	1.375
2.730	2.727	2.733	99268	.781	.906	3.125	1.313
2.743	2.740	2.746	99273	.781	.938	3.065	1.250
2.750	2.745	2.751	99274	.781	.938	3.125	1.250
2.750	2.747	2.753	99270	.781	.906	3.125	1.250
2.750	2.747	2.753	99267	1.438	1.625	3.075	1.625
2.750	2.750	2.756	99272	.406	.563	3.125	1.250
2.750	2.750	2.756	99275	.781	.938	3.125	1.250

See page 38A for product information.

(Continued)

Reference Shaft	"A" Shaft Diameter Range		Stock Number	"X" Width On Shaft (Inches ±.031)	"Y" Overall Width (Inches ±.031)	"D" Flange Diameter (Inches ±.063)	"Z" Installation Depth
	Minimum Inches	Maximum Inches					
2.750	2.750	2.756	99269	1.125	1.250	3.125	1.313
2.756	2.753	2.759	99276	.787	.945	3.125	1.250
2.813	2.809	2.815	99281	.594	.688	3.188	1.250
2.844	2.838	2.844	99282	.500	.656	3.225	1.250
2.869	2.866	2.872	99286	.781	.938	3.188	1.250
2.875	2.873	2.879	99287	.781	.938	3.219	1.250
2.938	2.937	2.943	99290	.500	.641	3.344	1.331
2.938	2.937	2.943	99293	.781	.938	3.344	1.313
2.953	2.950	2.956	99289	.594	.688	3.273	1.083
2.953	2.950	2.956	99294	.866	1.024	3.305	1.313
2.993	2.990	2.996	99291	.484	.625	3.359	1.331
2.993	2.990	2.996	99298	.563	.688	3.359	1.375
2.993	2.990	2.996	99299	.813	1.000	3.350	1.281
3.000	2.997	3.003	99296	.813	.938	3.240	1.375
3.000	3.000	3.006	99300	.813	1.000	3.235	1.281
3.000	3.000	3.006	99303	.625	.813	3.345	1.063
3.011	3.008	3.014	99301	.500	.625	3.355	2.000
3.125	3.120	3.126	99311	.688	.813	3.531	2.000
3.125	3.120	3.126	99312	.813	1.000	3.531	2.000
3.125	3.124	3.132	99307	.551	.709	3.525	2.031
3.146	3.142	3.150	99313	.750	.886	3.540	1.375
3.150	3.146	3.153	99317	.433	.591	3.543	1.375
3.150	3.146	3.153	99315	.827	.945	3.543	1.375
3.228	3.225	3.231	99328	.660	.848	3.585	1.750
3.250	3.250	3.256	99324	.595	.719	3.575	1.375
3.250	3.250	3.256	99325	.813	1.000	3.585	1.375
3.250	3.250	3.256	99326	.688	.875	3.585	1.250
3.250	3.247	3.253	99322	.813	1.000	3.594	1.375
3.310	3.307	3.313	99331	.813	1.000	3.688	1.375
3.342	3.337	3.346	99333	.827	.984	3.700	1.378
3.375	3.373	3.379	99338	.375	.500	3.688	1.410
3.375	3.373	3.379	99337	.813	1.000	3.695	1.375
3.438	3.435	3.441	99339	.781	.906	3.844	1.406
3.480	3.477	3.483	99340	.781	.906	3.835	1.406
3.500	3.500	3.506	99347	.313	.500	3.825	1.347
3.500	3.500	3.506	99350	.813	1.000	3.844	1.347
3.504	3.501	3.507	99349	.625	.813	3.844	1.348
3.543	3.540	3.546	99353	.526	.667	4.000	1.750
3.543	3.540	3.546	99352	.434	.538	4.000	1.813
3.543	3.540	3.546	99351	.710	.906	4.000	1.813
3.543	3.540	3.546	99354	.906	1.102	4.000	1.750
3.563	3.560	3.566	99356	.813	1.000	3.900	1.750
3.621	3.618	3.624	99360	.813	1.000	4.031	1.750
3.625	3.623	3.629	99363	.500	.625	4.025	1.750
3.625	3.623	3.629	99362	.813	1.000	4.031	1.750
3.688	3.684	3.690	99368	.313	.438	3.830	.875
3.688	3.685	3.691	99365	.813	.938	4.025	1.750
3.730	3.727	3.733	99359	.469	.594	4.016	1.719
3.730	3.727	3.733	99366	.781	.906	4.025	1.750
3.740	3.737	3.743	99369	.827	.945	4.025	1.750
3.743	3.740	3.746	99374	.344	.500	4.031	1.750
3.743	3.740	3.746	99364	.469	.594	4.035	1.750
3.750	3.746	3.752	99376	.563	.688	4.025	1.750
3.750	3.750	3.756	99367	.344	.500	4.025	1.750
3.750	3.750	3.756	99372	.688	.875	4.020	1.875
3.871	3.868	3.874	99386	.813	1.000	4.185	1.875
3.875	3.873	3.879	99387	.813	1.000	4.219	1.875
3.938	3.935	3.941	99393	.813	1.000	4.313	2.050
4.000	3.998	4.006	99395	.600	.725	4.375	2.050
4.000	3.998	4.006	99399	.813	1.000	4.375	2.050
4.000	3.998	4.006	99400	.650	.775	4.375	1.375
4.000	3.998	4.006	99401	.500	.625	4.375	2.066
4.094	4.090	4.098	99409	.787	.945	4.438	1.417
4.125	4.122	4.130	99412	.813	1.000	4.420	1.375
4.134	4.130	4.138	99413	.787	.913	4.470	1.378
4.188	4.183	4.191	99418	.813	1.000	4.500	1.375

See page 38A for product information.

(Continued)

457010 Speedi-Sleeve Size Listing—Inches

CRSEALS

Reference Shaft	"A" Shaft Diameter Range		Stock Number	"X" Width On Shaft (Inches ±.031)	"Y" Overall Width (Inches ±.031)	"D" Flange Diameter (Inches ±.063)	"Z" Installation Depth
	Minimum Inches	Maximum Inches					
4.234	4.226	4.234	99423	.781	.906	4.610	1.438
4.250	4.248	4.256	99424	.813	1.000	4.610	1.438
4.328	4.327	4.335	99435	.509	.650	4.921	1.250
4.375	4.370	4.378	99437	.813	1.000	4.750	1.650
4.406	4.401	4.409	99438	.748	.886	4.750	1.063
4.438	4.434	4.442	99439	1.000	1.142	4.813	1.313
4.500	4.496	4.504	99450	.813	1.000	4.900	1.250
4.527	4.523	4.531	99452	.813	.938	5.000	1.250
4.625	4.621	4.629	99463	1.000	1.250	5.063	1.375
4.625	4.621	4.629	99465	.438	.625	5.000	1.375
4.688	4.685	4.693	99468	.813	1.000	5.063	1.375
4.724	4.720	4.728	99471	.315	.433	5.110	1.323
4.724	4.720	4.728	99473	.787	.984	5.110	1.260
4.750	4.746	4.754	99475	.500	.750	5.000	1.500
4.803	4.799	4.807	99472	.787	.945	5.177	1.260
4.843	4.839	4.847	99484	.787	.984	5.229	1.244
4.875	4.871	4.879	99487	.625	.750	5.250	1.438
4.921	4.917	4.925	99490	.394	.551	5.400	1.438
4.921	4.917	4.925	99492	1.024	1.260	5.400	1.438
5.000	4.998	5.006	99501	.540	.681	5.400	1.438
5.000	4.998	5.006	99498	.688	.875	5.400	1.438
5.000	4.998	5.006	99499	.813	1.000	5.390	1.438
5.114	5.110	5.118	99494	.750	.938	5.493	1.181
5.125	5.117	5.125	99491	.866	.996	5.493	1.280
5.125	5.120	5.128	99513	.813	1.000	5.500	1.250
5.250	5.246	5.254	99525	.813	1.000	5.560	1.250
5.313	5.307	5.315	99533	.807	1.000	5.875	1.250
5.375	5.371	5.379	99537	.813	1.000	5.875	1.250
5.438	5.434	5.442	99548	1.500	1.688	5.750	1.875
5.472	5.472	5.480	99547	.563	.750	6.100	.938
5.500	5.498	5.506	99549	.813	1.000	5.938	1.250
5.512	5.508	5.516	99552	.807	1.000	5.945	1.250
5.734	5.726	5.734	99562	.563	.750	5.900	1.938
5.750	5.746	5.754	99575	.813	1.000	6.180	1.750
5.875	5.871	5.879	99587	1.000	1.250	6.188	1.313
5.905	5.895	5.905	99595	1.024	1.181	6.260	1.338
5.938	5.934	5.942	99596	1.000	1.125	6.375	1.875
6.000	5.995	6.003	99601	.500	.750	6.360	1.750
6.000	5.995	6.003	99599	1.000	1.250	6.375	1.750
6.063	6.058	6.068	99605	1.024	1.181	6.375	1.299
6.097	6.092	6.102	99606	1.024	1.181	6.575	1.299
6.203	6.198	6.208	99620	.813	1.063	6.625	1.750
6.250	6.245	6.255	99625	1.031	1.250	6.625	1.750
6.299	6.289	6.299	99630	1.000	1.250	7.000	1.375
6.500	6.495	6.505	99650	1.000	1.250	7.000	1.375
6.688	6.683	6.693	99640	1.250	1.496	7.188	1.750
6.750	6.745	6.755	99675	.813	1.063	7.125	1.750
6.890	6.880	6.890	99687	1.102	1.260	7.362	1.378
7.000	6.995	7.005	99700	1.000	1.250	7.475	1.688
7.087	7.077	7.087	99721	1.300	1.496	7.500	1.752
7.250	7.244	7.254	99725	1.250	1.500	7.760	2.175
7.278	7.273	7.283	99726	1.260	1.496	7.834	2.165
7.453	7.444	7.454	99745	.813	1.000	7.860	1.250
7.500	7.495	7.505	99750	.813	1.000	7.875	1.250
7.750	7.745	7.755	99775	1.000	1.313	8.270	1.875
7.875	7.869	7.879	99787	1.359	1.500	8.375	1.750
7.938	7.933	7.943	99799	1.000	1.250	8.375	1.750
8.000	7.995	8.005	99800	1.000	1.250	8.375	1.750

See page 38A for product information.

Reference Shaft	"A" Shaft Diameter Range		Stock Number	"X" Width On Shaft ±0.8 MM	"Y" Overall Width ±0.8 MM	"D" Flange Diameter ±1.6 MM	"Z" Installation Depth MM
	Minimum MM	Maximum MM					
12.00	11.93	12.07	99049	6.0	8.4	15.5	22.2
12.70	12.65	12.75	99050	6.4	8.7	15.5	51.0
14.30	14.22	14.38	99056	6.4	9.9	19.1	47.0
15.00	14.96	15.06	99059	5.0	9.0	19.1	47.3
15.88	15.82	15.92	99062	8.0	10.3	19.1	51.0
17.00	16.95	17.05	99068	8.0	11.0	27.0	51.0
17.37	17.32	17.42	99060	8.0	11.1	22.9	51.0
18.00	17.89	18.00	99082	8.0	11.0	27.0	46.0
19.00	19.00	19.10	99076	8.0	11.1	24.0	51.0
19.30	19.28	19.33	99081	8.0	11.1	23.8	51.0
19.86	19.81	19.91	99080	8.0	11.1	23.8	51.0
20.00	19.95	20.05	99078	8.0	11.0	23.6	51.0
21.82	21.77	21.87	99086	6.5	9.5	29.3	51.0
22.00	21.87	22.00	99085	8.0	12.0	30.2	46.0
22.23	22.17	22.27	99087	8.0	11.1	27.8	51.0
23.11	23.06	23.16	99091	8.0	11.1	30.9	47.0
24.59	24.54	24.64	99096	15.9	18.3	28.7	51.0
24.59	24.54	24.64	99094	8.0	11.1	28.7	51.0
25.00	24.95	25.05	99098	8.0	11.0	33.0	51.0
25.40	25.35	25.45	99100	8.0	11.1	31.0	51.0
26.00	25.87	26.00	99103	8.0	12.0	33.3	46.0
27.00	26.92	27.03	99106	8.0	11.0	33.5	72.0
27.66	27.61	27.71	99108	8.0	11.1	35.7	16.0
28.00	27.94	28.04	99111	9.5	12.7	34.9	72.0
28.58	28.52	28.62	99112	8.0	11.1	38.1	17.0
29.36	29.31	29.41	99120	9.5	12.7	34.3	17.0
29.85	29.79	29.92	99122	8.0	11.1	40.0	17.0
30.00	29.95	30.07	99114	8.0	11.0	35.6	17.0
30.15	30.10	30.22	99118	8.0	11.0	35.6	17.0
31.00	30.89	31.04	99123	8.0	11.0	39.7	16.0
31.50	31.42	31.57	99141	8.0	11.1	39.1	17.0
31.75	31.67	31.83	99125	8.0	11.1	38.1	18.0
32.00	31.92	32.08	99128	8.0	11.1	38.0	18.0
33.30	33.23	33.37	99129	6.4	9.5	40.6	21.0
33.35	33.28	33.42	99131	12.7	15.9	40.5	21.0
34.90	34.82	34.98	99138	12.7	15.9	41.6	21.0
34.90	34.82	34.98	99133	8.0	11.1	41.6	21.0
35.00	34.92	35.08	99139	13.0	16.0	41.6	20.0
36.00	35.86	36.00	99146	13.0	17.0	42.9	25.0
36.45	36.37	36.52	99143	14.3	17.5	42.9	26.0
36.53	36.45	36.60	99144	9.5	12.7	45.2	26.0
38.00	37.84	38.00	99147	13.0	17.0	45.2	25.0
38.10	38.02	38.18	99149	14.3	17.5	45.2	26.0
38.10	38.02	38.18	99150	9.5	12.7	45.2	26.0
38.68	38.61	38.76	99152	11.1	14.3	47.2	26.0
39.42	39.35	39.49	99155	11.1	14.3	47.2	26.0
39.67	39.60	39.74	99156	14.3	17.5	47.2	26.0
40.00	39.92	40.08	99157	13.0	16.0	47.0	26.0
40.77	40.69	40.84	99160	12.7	16.3	49.2	25.0
41.28	41.21	41.35	99162	14.3	17.5	47.6	21.0
41.28	41.20	41.35	99161	8.0	11.1	47.6	26.0
42.00	41.84	42.00	99166	11.3	14.5	53.0	21.0
42.00	41.84	42.00	99169	14.3	17.5	53.0	21.0
42.85	42.77	42.93	99168	14.3	17.5	48.4	22.0
42.88	42.80	42.95	99167	8.0	11.1	48.4	22.0
43.64	43.56	43.71	99171	14.3	17.5	51.6	21.0
44.17	44.09	44.25	99170	9.5	12.7	52.4	21.0
44.45	44.37	44.53	99180	13.5	15.9	52.4	22.3
44.45	44.37	44.53	99174	14.3	17.5	52.4	21.0
44.45	44.37	44.53	99175	19.0	22.2	52.4	21.0
44.45	44.37	44.53	99172	9.5	12.7	52.2	21.0
44.80	44.73	44.87	99176	14.3	17.5	52.4	21.0
45.00	44.92	45.08	99177	14.0	17.0	53.0	21.0
45.24	45.16	45.31	99179	17.2	20.3	54.0	27.0
46.00	45.95	46.10	99181	14.3	17.5	53.1	26.0
47.24	47.17	47.32	99185	14.3	17.5	54.8	25.0

See page 38A for product information.

(Continued)

457010 Speedi-Sleeve Size Listing—Metric

CRSEALS

Reference Shaft	"A" Shaft Diameter Range		Stock Number	"X" Width On Shaft ±0.8 MM	"Y" Overall Width ±0.8 MM	"D" Flange Diameter ±1.6 MM	"Z" Installation Depth MM
	Minimum MM	Maximum MM					
47.45	47.40	47.55	99186	22.6	26.0	55.6	25.0
47.63	47.55	47.70	99188	7.5	10.5	56.0	19.0
47.63	47.55	47.70	99184	9.5	13.1	56.0	27.0
47.63	47.55	47.70	99187	14.3	17.5	56.0	25.0
47.63	47.55	47.70	99190	4.5	7.5	56.0	19.0
48.00	47.92	48.08	99189	14.0	17.0	56.0	25.0
48.56	48.49	48.64	99192	9.5	12.7	56.4	25.0
49.20	49.12	49.28	99193	14.3	17.5	56.4	25.0
50.00	49.92	50.08	99196	14.0	17.0	57.0	25.0
50.30	50.22	50.37	99198	14.3	17.9	58.7	27.0
50.80	50.73	50.87	99200	22.2	25.4	61.1	25.0
50.80	50.73	50.87	99199	14.3	17.5	61.1	25.0
52.32	52.25	52.39	99205	20.7	23.8	63.4	35.0
54.00	53.95	54.10	99212	19.8	23.8	61.5	35.0
54.00	53.95	54.10	99210	12.7	19.0	61.5	33.0
55.00	54.92	55.08	99215	20.0	23.0	62.0	32.0
55.60	55.52	55.68	99218	19.8	23.8	63.5	33.0
56.64	56.56	56.72	99230	19.8	23.0	64.3	32.0
56.64	56.56	56.72	99229	12.7	15.9	64.3	33.0
56.90	56.82	56.97	99226	19.4	22.9	65.1	32.0
57.20	57.12	57.28	99225	19.8	23.8	64.3	33.0
57.20	57.12	57.28	99227	8.0	11.1	64.3	33.0
58.72	58.65	58.80	99231	19.8	23.8	68.3	35.0
59.18	59.10	59.26	99233	19.0	22.2	69.8	38.0
60.00	59.92	60.07	99241	9.4	11.4	70.7	37.4
60.00	59.92	60.07	99235	20.0	23.0	70.7	35.0
60.25	60.18	60.32	99236	19.8	23.8	69.9	35.0
60.33	60.25	60.40	99238	15.1	19.1	69.9	35.0
60.38	60.31	60.45	99237	19.8	23.8	69.9	35.0
60.38	60.31	60.45	99240	13.4	17.3	69.9	35.0
61.90	61.83	61.97	99243	19.8	23.8	71.8	35.3
62.00	61.85	62.00	99242	12.7	15.9	71.8	36.0
63.30	63.23	63.37	99249	19.8	23.8	73.0	35.0
63.50	63.50	63.65	99248	12.7	16.7	71.8	35.0
63.50	63.50	63.65	99250	19.8	23.8	71.6	35.0
63.50	63.42	63.58	99253	14.1	16.5	71.6	23.0
63.83	63.75	63.91	99251	19.8	23.0	71.8	37.0
65.00	64.92	65.08	99254	20.0	23.0	72.4	35.0
65.10	65.02	65.18	99256	19.8	23.8	73.4	35.0
66.00	65.92	66.07	99259	19.8	23.8	76.0	32.0
66.57	66.50	66.64	99261	19.8	23.8	77.4	35.0
66.65	66.57	66.73	99264	19.8	23.0	77.4	35.0
66.68	66.60	66.75	99260	12.7	15.9	77.4	35.0
66.75	66.68	66.82	99262	19.8	23.8	77.4	35.0
69.34	69.26	69.42	99268	19.8	23.0	79.4	33.0
69.67	69.60	69.74	99273	19.8	23.8	77.9	32.0
69.80	69.72	69.88	99274	19.8	23.8	79.4	32.0
69.85	69.77	69.93	99267	36.5	41.3	78.1	41.0
69.85	69.77	69.93	99270	19.8	23.0	79.4	32.0
70.00	69.85	70.00	99275	19.8	23.8	79.4	32.0
70.00	69.85	70.00	99269	28.6	31.8	79.4	33.0
70.00	69.92	70.08	99276	20.0	24.0	79.4	32.0
70.00	69.92	70.08	99272	10.3	14.3	79.4	32.0
71.42	71.35	71.50	99281	15.1	17.5	80.9	32.0
72.16	72.08	72.24	99282	12.7	16.7	81.9	32.0
72.87	72.80	72.94	99286	19.8	23.8	81.0	32.0
73.00	72.97	73.13	99287	19.8	23.8	81.8	32.0
74.68	74.60	74.75	99290	12.7	16.3	84.9	33.0
74.68	74.60	74.75	99293	19.8	23.8	84.9	33.0
75.00	74.92	75.08	99289	15.1	17.5	83.1	28.0
75.00	74.92	75.08	99294	22.0	26.0	84.0	33.0
76.00	75.95	76.10	99291	12.3	15.9	85.3	34.0
76.00	75.95	76.10	99299	20.6	25.4	85.1	33.0
76.00	75.95	76.10	99298	14.3	17.5	85.3	35.0
76.20	76.12	76.28	99296	20.6	23.8	82.3	35.0
76.28	76.20	76.40	99303	15.9	20.6	85.0	27.0

See page 38A for product information.

(Continued)

Reference Shaft	"A" Shaft Diameter Range		Stock Number	"X" Width On Shaft ±0.8 MM	"Y" Overall Width ±0.8 MM	"D" Flange Diameter ±1.6 MM	"Z" Installation Depth MM
	Minimum MM	Maximum MM					
76.28	76.20	76.35	99300	20.6	25.4	82.2	33.0
76.48	76.40	76.56	99301	12.7	15.8	85.2	51.0
79.32	79.25	79.40	99312	20.6	25.4	89.7	51.0
79.32	79.24	79.40	99311	17.5	20.6	89.7	51.0
79.44	79.35	79.55	99307	14.0	18.0	89.5	52.0
80.00	79.92	80.08	99317	11.0	15.0	90.0	35.0
80.00	79.92	80.08	99315	21.0	24.0	90.0	35.0
80.00	79.81	80.01	99313	19.1	22.5	89.9	35.0
82.00	81.92	82.07	99328	16.8	21.6	91.1	44.0
82.55	82.47	82.63	99322	20.6	25.4	91.3	35.0
82.63	82.55	82.70	99326	17.5	22.2	91.1	32.0
82.63	82.55	82.70	99325	20.6	25.4	91.1	35.0
82.63	82.55	82.70	99324	15.1	18.3	90.8	35.0
84.00	84.00	84.15	99331	20.6	25.4	93.7	35.0
85.00	84.78	85.00	99333	21.0	25.0	94.0	35.0
85.75	85.67	85.83	99337	20.6	25.4	93.9	35.0
85.75	85.67	85.83	99338	9.5	12.7	93.7	36.0
87.33	87.25	87.40	99339	19.8	23.0	97.6	36.0
88.39	88.31	88.47	99340	19.8	23.0	97.4	36.0
89.00	88.90	89.05	99350	20.6	25.4	97.6	34.0
89.00	88.93	89.08	99349	15.9	20.6	97.6	34.0
89.00	88.90	89.05	99347	8.0	12.7	97.2	34.0
90.00	89.92	90.08	99353	13.4	16.9	101.6	44.0
90.00	89.92	90.08	99351	18.0	23.0	101.6	46.0
90.00	89.92	90.08	99354	23.0	28.0	101.6	44.0
90.00	89.92	90.08	99352	11.0	13.7	101.6	46.0
90.50	90.42	90.58	99356	20.6	25.4	99.1	44.0
92.00	91.90	92.05	99360	20.6	25.4	102.4	44.0
92.10	92.02	92.18	99362	20.6	25.4	102.4	44.0
92.10	92.02	92.18	99363	12.7	15.9	102.2	45.0
93.65	93.57	93.73	99368	8.0	11.1	97.3	22.0
93.68	93.60	93.75	99365	20.6	23.8	102.2	45.0
94.74	94.67	94.82	99359	12.0	15.1	102.0	44.0
94.74	94.66	94.82	99366	19.8	23.0	102.2	45.0
95.00	94.99	95.15	99364	12.0	15.1	102.5	45.0
95.00	95.00	95.15	99374	8.7	12.7	102.4	44.0
95.00	94.92	95.08	99369	21.0	24.0	102.2	44.0
95.22	95.14	95.30	99376	14.3	17.5	102.2	45.0
95.33	95.26	95.40	99372	17.5	22.2	102.1	48.0
95.33	95.26	95.40	99367	8.7	12.7	102.2	44.0
98.32	98.25	98.40	99386	20.6	25.4	106.3	48.0
98.45	98.37	98.53	99387	20.6	25.4	107.2	48.0
100.00	99.95	100.10	99393	20.6	25.4	110.0	52.0
101.65	101.55	101.75	99401	12.7	15.9	111.1	52.0
101.65	101.55	101.75	99400	16.5	19.7	111.1	35.0
101.65	101.55	101.75	99399	20.6	25.4	111.1	52.0
101.65	101.55	101.75	99395	15.2	18.4	111.1	52.0
104.00	103.90	104.10	99409	20.0	24.0	112.7	36.0
104.80	104.70	104.90	99412	20.6	25.4	113.5	35.0
105.00	104.90	105.10	99413	20.0	23.2	113.5	35.0
106.35	106.25	106.45	99418	20.6	25.4	114.3	35.0
107.44	107.34	107.54	99423	19.8	23.0	117.1	37.0
108.00	107.90	108.10	99424	20.6	25.4	117.1	37.0
110.00	109.90	110.10	99435	12.9	16.5	125.0	32.0
111.00	111.00	111.20	99437	20.6	25.4	120.7	42.0
112.00	111.80	112.00	99438	19.0	22.5	120.7	27.0
112.72	112.62	112.83	99439	25.4	29.0	122.2	33.0
114.30	114.20	114.40	99450	20.6	25.4	124.5	32.0
115.00	114.90	115.10	99452	20.6	23.8	127.0	32.0
117.48	117.37	117.58	99465	11.1	15.8	127.0	35.0
117.48	117.37	117.57	99463	25.4	31.8	128.6	35.0
119.00	119.00	119.20	99468	20.6	25.4	128.6	35.0
120.00	119.90	120.10	99471	8.0	11.0	129.8	33.0
120.00	119.90	120.10	99473	20.0	25.0	129.8	32.0
120.65	120.55	120.75	99475	12.7	19.0	127.0	38.0
122.00	121.89	122.10	99472	20.0	24.0	131.5	32.0

See page 38A for product information.

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457010 Speedi-Sleeve Size Listing—Metric

CRSEALS

Reference Shaft	"A" Shaft Diameter Range		Stock Number	"X" Width On Shaft ±0.8 MM	"Y" Overall Width ±0.8 MM	"D" Flange Diameter ±1.6 MM	"Z" Installation Depth MM
	Minimum MM	Maximum MM					
123.00	122.90	123.10	99484	20.0	25.0	132.8	31.0
123.83	123.72	123.93	99487	15.9	19.1	133.4	37.0
125.00	124.90	125.10	99490	10.0	14.0	137.2	37.0
125.00	124.90	125.10	99492	26.0	32.0	137.2	37.0
127.00	126.95	127.15	99501	13.7	17.3	137.2	37.0
127.00	126.95	127.15	99499	20.6	25.4	136.9	37.0
127.00	126.95	127.15	99498	17.5	22.2	137.2	37.0
130.00	129.98	130.18	99491	22.0	25.3	139.5	33.0
130.00	129.79	130.00	99494	19.0	24.0	139.5	30.0
130.15	130.05	130.25	99513	20.6	25.4	139.7	32.0
133.35	133.25	133.45	99525	20.6	25.4	141.2	32.0
135.00	134.79	135.00	99533	20.5	25.4	149.2	32.0
136.53	136.42	136.62	99537	20.6	25.4	149.2	32.0
138.13	138.02	138.23	99548	38.1	42.9	146.1	48.0
139.00	139.00	139.20	99547	14.3	19.1	154.9	24.0
139.75	139.65	139.85	99549	20.6	25.4	150.8	32.0
140.00	139.90	140.10	99552	20.5	25.5	151.0	32.0
145.54	145.44	145.64	99562	14.3	19.1	149.9	49.2
146.05	145.95	146.15	99575	20.6	25.4	157.0	44.0
149.23	149.12	149.33	99587	25.4	31.8	157.2	33.0
150.00	149.75	150.00	99595	26.0	30.0	159.0	34.0
150.83	150.73	150.93	99596	25.4	28.6	161.9	48.0
152.37	152.27	152.47	99599	25.4	31.8	161.9	44.0
152.37	152.27	152.47	99601	12.7	19.0	161.5	44.0
154.00	153.87	154.13	99605	26.0	30.0	161.9	33.0
155.00	154.75	155.00	99606	26.0	30.0	167.0	33.0
157.56	157.43	157.68	99620	20.6	27.0	168.3	44.0
158.75	158.62	158.88	99625	26.2	31.8	168.3	44.0
160.00	159.74	160.00	99630	25.4	31.8	177.8	35.0
165.10	164.97	165.23	99650	25.4	31.8	177.8	35.0
170.00	169.75	170.00	99640	31.8	38.0	182.6	44.5
171.45	171.32	171.58	99675	20.6	27.0	181.0	44.0
175.00	174.75	175.00	99687	28.0	32.0	187.0	35.0
177.80	177.67	177.93	99700	25.4	31.8	189.9	43.0
180.00	179.79	180.00	99721	33.0	38.0	190.5	45.0
184.00	184.00	184.25	99725	31.7	38.1	197.1	55.0
185.00	184.73	185.00	99726	32.0	38.0	199.0	55.0
189.20	189.08	189.33	99745	20.6	25.4	199.6	32.0
190.50	190.37	190.63	99750	20.6	25.4	200.0	32.0
196.85	196.72	196.98	99775	25.4	33.3	210.1	48.0
200.00	199.87	200.13	99787	34.5	38.1	212.7	44.0
201.63	201.50	201.75	99799	25.4	31.8	212.7	44.0
203.20	203.07	203.33	99800	25.4	31.8	212.7	44.0

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