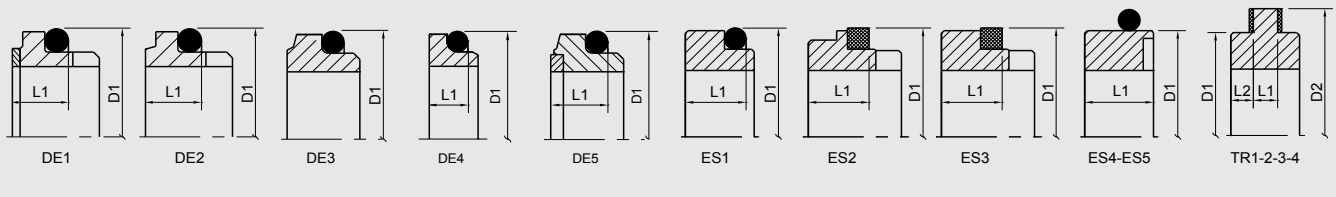


DE - ES - TR

Mating rings



DE1 - DE2 - DE3 - DE4 - DE5			ES1 - ES2 - ES3			ES4*			ES5*	
d	D1	L1	d	D1	L1	d	D1	L1	D1	L1
10	18.1	5.5	14	25	12.0	.500	1.000	.406	1.000	.312
12	20.6	5.5	16	27	12.0	.625	1.125	.406	1.250	.406
14	23.1	6.0	18	33	13.5	.750	1.250	.437	1.375	.406
15	26.9	7.0	20	35	13.5	.875	1.375	.437	1.500	.406
16	26.9	7.0	22	37	13.5	1.000	1.500	.500	1.625	.437
17	26.9	7.0	24	39	13.3	1.125	1.625	.500	1.750	.437
18	30.9	8.0	25	40	13.0	1.250	1.875	.500	1.875	.437
19	30.9	8.0	28	43	12.5	1.375	2.000	.500	2.000	.437
20	30.9	8.0	30	45	12.0	1.500	2.125	.500	2.125	.437
22	35.4	8.0	32	48	12.0	1.625	2.250	.500	2.375	.500
24	35.4	8.0	33	48	12.0	1.750	2.375	.500	2.500	.500
25	38.2	8.5	35	50	12.0	1.875	2.500	.500	2.625	.500
26	38.2	8.5	38	56	13.0	2.000	2.625	.500	2.750	.500
28	43.3	9.0	40	58	13.0	2.125	2.750	.562	3.000	.562
30	43.3	9.0	43	61	13.0	2.250	2.875	.562	3.125	.562
32	43.3	9.0	45	63	13.0	2.375	3.000	.562	3.250	.562
33	53.5	11.5	48	66	13.0	2.500	3.125	.562	3.375	.562
35	53.5	11.5	50	70	13.5	2.625	3.250	.625	3.375	.625
38	60.5	11.5	53	73	13.5	2.750	3.375	.625	3.500	.625
40	60.5	11.5	55	75	13.5	2.875	3.500	.625	3.750	.625
42	60.5	11.5	58	78	13.5	3.000	3.625	.625	3.875	.625
43	60.5	11.5	60	80	13.5	3.125	3.750	.625	4.000	.781
45	65.5	11.5	63	83	13.5	3.250	3.875	.625	4.125	.781
48	65.5	11.5	65	85	13.5	3.375	4.000	.625	4.250	.781
50	72.5	11.5	68	90	13.5	3.500	4.125	.625	4.375	.781
53	72.5	11.5	70	92	14.5	3.625	4.250	.687	4.500	.781
55	72.5	11.5	75	97	14.5	3.750	4.500	.687	4.625	.781
58	79.3	11.5	80	105	15.0	3.875	4.625	.687	4.750	.781
60	79.3	11.5	85	110	15.0	4.000	4.750	.687	4.875	.781
63	84.5	11.5	90	115	15.0					
65	84.5	11.5	95	120	15.0					
68	89.5	11.5	100	125	15.0					
70	89.5	11.5								
75	94.5	11.5								
80	99.5	11.5								
85	105.5	13.5								
90	111.5	13.5								
95	116.5	13.5								
100	119.5	13.5								

* upon request

d (inc)	d (mm)	*TR1				*TR2				*TR3				*TR4			
		D1	D2	L1	L2	D1	D2	L1	L2	D1	D2	L1	L2	D1	D2	L1	L2
.750	18	1.370	1.750	.250	.250	1.307	1.718	.406	.203	1.426	1.850	.315	.189	-	-	-	-
.875	20-22	1.494	1.875	.250	.250	1.432	1.843	.406	.203	1.551	1.948	.315	.189	-	-	-	-
1.000	24-25	1.620	2.000	.375	.250	1.557	1.968	.406	.203	1.676	2.067	.315	.189	-	-	-	-
1.125	28	1.745	2.125	.375	.250	1.683	2.093	.406	.203	1.990	2.480	.437	.313	1.801	2.303	.437	.313
1.250	30-32	1.870	2.250	.375	.250	1.807	2.218	.406	.203	2.115	2.598	.437	.313	1.990	2.500	.437	.313
1.375	33-35	1.995	2.375	.375	.250	2.057	2.593	.437	.218	2.240	2.717	.437	.313	2.115	2.579	.437	.313
1.500	38	2.245	2.625	.375	.250	2.057	2.593	.437	.218	2.490	2.992	.437	.313	2.240	2.736	.437	.313
1.625	40	2.370	2.750	.375	.250	2.370	2.906	.437	.218	2.615	3.110	.437	.313	2.490	3.011	.437	.313
1.750	43-45	2.495	3.000	.375	.250	2.432	2.968	.437	.218	2.740	3.228	.437	.313	2.615	3.130	.437	.313
1.875	-	2.620	3.125	.375	.250	2.620	3.156	.437	.218	2.865	3.386	.437	.313	2.740	3.248	.437	.313
2.000	48-50	2.745	3.250	.375	.250	2.744	3.406	.500	.250	3.115	3.740	.563	.374	2.865	3.366	.437	.313
2.125	53	2.870	3.500	.375	.250	2.930	3.593	.500	.250	3.240	3.858	.563	.374	3.115	3.760	.563	.374
2.250	55	2.995	3.625	.375	.250	2.961	3.625	.500	.250	3.365	3.976	.563	.374	3.240	3.878	.563	.374
2.375	58-60	3.120	3.750	.375	.250	3.118	3.781	.500	.250	3.490	4.173	.563	.374	3.365	3.996	.563	.374
2.500	63	3.245	4.000	.375	.250	3.243	3.906	.500	.250	3.610	4.252	.563	.374	3.490	4.114	.563	.374
2.625	65	3.370	4.125	.375	.250	3.368	4.031	.500	.250	3.740	4.370	.563	.374	3.615	4.272	.563	.374
2.750	68-70	3.615	4.250	.750	.250	3.493	4.156	.500	.250	3.865	4.488	.563	.374	3.740	4.370	.563	.374
2.875	73	3.740	4.375	.750	.250	3.617	4.281	.500	.250	3.927	4.526	.563	.374	3.865	4.488	.563	.374
3.000	75	3.865	4.500	.750	.250	3.740	4.406	.500	.250	4.053	4.685	.563	.374	3.927	4.547	.563	.374
3.125	-	3.990	4.625	.750	.250	3.865	4.531	.500	.250	4.240	4.921	.563	.374	4.053	4.705	.563	.374
3.250	80	4.115	4.750	.750	.250	3.990	4.656	.500	.250	4.490	5.118	.563	.374	4.240	4.870	.563	.374
3.375	-	4.240	4.875	.750	.250	4.114	4.781	.500	.250	4.615	5.276	.563	.374	4.490	5.000	.563	.374
3.500	85	4.365	5.000	.750	.250	4.238	4.906	.500	.250	4.740	5.354	.563	.374	4.490	5.138	.563	.374
3.625	-	4.490	5.125	.750	.250	4.363	5.031	.500	.250	4.865	5.511	.563	.374	4.740	5.250	.563	.374
3.750	90-95	4.615	5.250	.750	.250	4.487	5.156	.500	.250	4.990	5.591	.563	.374	4.740	5.374	.563	.374
3.875	-	4.740	5.375	.750	.250	4.612	5.281	.500	.250	5.115	5.767	.563	.374	4.865	5.500	.563	.374
4.000	100	4.865	5.500	.750	.250	4.735	5.406	.500	.250	5.240	5.866	.563	.374	4.990	5.610	.563	.374