

Rod Seals

Technical details

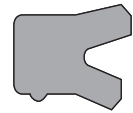
Metric

Inch

Operating conditions

Maximum Speed	1.0 m/sec
Temperature Range	-45°C +110°C
Maximum Pressure	400 bar*

3.0 ft/sec
-50°F +230°F
6000 p.s.i.*



Maximum extrusion gap

Figures show the maximum permissible gap all on one side using minimum rod \varnothing and maximum clearance \varnothing .

Pressure bar	160	250	400
Maximum Gap mm	0.6	0.5	0.4
Pressure p.s.i.	2400	3750	6000
Maximum Gap in	0.024	0.020	0.016

Surface roughness

	μmRa	μmRt	μinCLA	μinRMS
Dynamic Sealing Face $\varnothing d_1$	0.1 <-> 0.4	4 max	4 <-> 16	5 <-> 18
Static Sealing Face $\varnothing D_1$	1.6 max	10 max	63 max	70 max
Static Housing Faces L_1	3.2 max	16 max	125 max	140 max

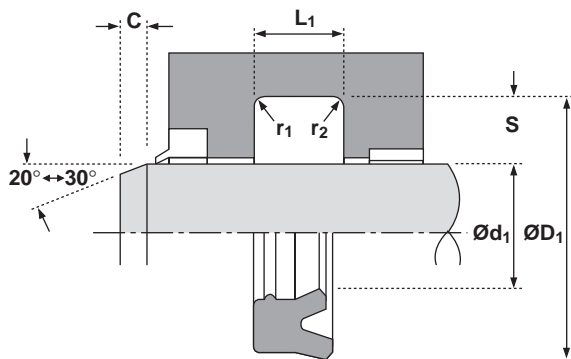
Chamfers & Radii

	4.0	5.0	7.5	10.0	12.5	15.0
Groove Section $\leq S$ mm	4.0	5.0	7.5	10.0	12.5	15.0
Min Chamfer C mm	3.0	3.5	5.0	6.5	7.0	8.0
Max Fillet Rad r_1 mm	0.2	0.4	0.8	0.8	1.2	1.6
Max Fillet Rad r_2 mm	0.4	0.8	1.2	1.2	1.6	2.4
Groove Section $\leq S$ in	0.125	0.187	0.250	0.312	0.375	0.500
Min Chamfer C in	0.093	0.093	0.125	0.156	0.187	0.217
Max Fillet Rad r_1 in	0.008	0.008	0.016	0.032	0.032	0.032
Max Fillet Rad r_2 in	0.016	0.016	0.032	0.047	0.047	0.047

Tolerances

$\varnothing d_1$	$\varnothing D_1$	L_1 mm	L_1 in
f9	Js11	+0.25 -0	+0.010 -0

* Pressure rating of seal can be extended to 700 bar /10,000p.s.i. with the use of a back up ring. If this option is required seek advice from your local Hallite Seals sales office.



Design

The Hallite 605 is an asymmetric seal offering superlative dry rod sealing for light and medium duty applications.

The 605 has become an industry standard seal worldwide owing to its twin lip profile and consistent performance.

Manufactured in Hythane® – 181, the Hallite 605 is an extremely flexible seal making installation very easy.

The ranges cover most standard housings used in Europe, North America and Asia.

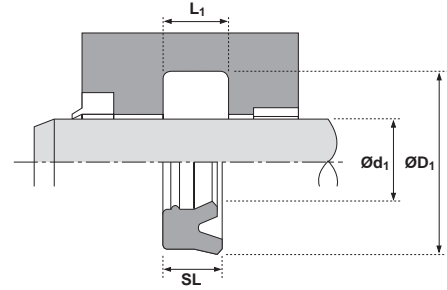
Features

- **Twin lip design offering: lower friction, improved sealing, primary lip protection, increased seal stability.**
- **Easy installation**

NB: Part numbers commencing 46 or suffixed by "+" are designed to suit popular Asian housings. Part numbers suffixed by "‡" indicate housing sizes to meet ISO5597.

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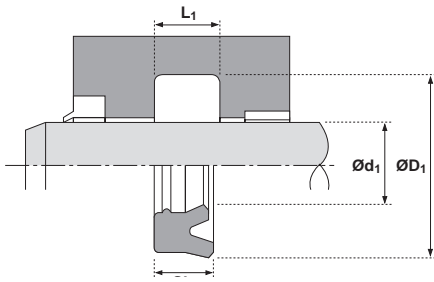


Ød ₁	TOL f9	ØD ₁	TOL Js11	SL	L ₁ +0.010 -0	PART No.
0.375	-0.0005 -0.0019	0.625	+0.002 -0.002	0.198	0.218	4544300
0.375	-0.0005 -0.0019	0.750	+0.003 -0.003	0.312	0.343	4710500
0.500	-0.0006 -0.0023	0.750	+0.003 -0.003	0.187	0.207	4576100
0.562	-0.0006 -0.0023	0.813	+0.003 -0.003	0.187	0.207	4576200
0.625	-0.0006 -0.0023	0.875	+0.003 -0.003	0.187	0.207	4493700
0.625	-0.0006 -0.0023	0.875	+0.003 -0.003	0.241	0.265	4329000
0.625	-0.0006 -0.0023	1.000	+0.003 -0.003	0.281	0.312	4447200
0.687	-0.0006 -0.0023	0.937	+0.003 -0.003	0.187	0.207	4572000
0.750	-0.0008 -0.0028	1.000	+0.003 -0.003	0.125	0.138	4552900
0.750	-0.0008 -0.0028	1.000	+0.003 -0.003	0.187	0.207	4571000
0.750	-0.0008 -0.0028	1.000	+0.003 -0.003	0.250	0.275	4345100
0.750	-0.0008 -0.0028	1.125	+0.003 -0.003	0.312	0.344	4512200
0.812	-0.0008 -0.0028	1.062	+0.003 -0.003	0.187	0.207	4576300
0.812	-0.0008 -0.0028	1.062	+0.003 -0.003	0.250	0.275	4558700
0.875	-0.0008 -0.0028	1.125	+0.003 -0.003	0.187	0.207	4576400
0.875	-0.0008 -0.0028	1.125	+0.003 -0.003	0.250	0.275	4442500
0.875	-0.0008 -0.0028	1.250	+0.003 -0.003	0.324	0.356	4794500
0.875	-0.0008 -0.0028	1.375	+0.003 -0.003	0.341	0.375	4373100
1.000	-0.0008 -0.0028	1.240	+0.003 -0.003	0.192	0.211	4371800
1.000	-0.0008 -0.0028	1.250	+0.003 -0.003	0.187	0.207	4442600
1.000	-0.0008 -0.0028	1.250	+0.003 -0.003	0.250	0.275	4345200

Ød ₁	TOL f9	ØD ₁	TOL Js11	SL	L ₁ +0.010 -0	PART No.
1.000	-0.0008 -0.0028	1.312	+0.003 -0.003	0.219	0.241	4493800
1.000	-0.0008 -0.0028	1.375	+0.003 -0.003	0.250	0.275	4456800
1.000	-0.0008 -0.0028	1.375	+0.003 -0.003	0.312	0.344	4345900
1.000	-0.0008 -0.0028	1.500	+0.003 -0.003	0.255	0.275	4430200
1.000	-0.0008 -0.0028	1.500	+0.003 -0.003	0.341	0.375	4330100
1.000	-0.0008 -0.0028	1.500	+0.003 -0.003	0.375	0.413	4308400
1.062	-0.0008 -0.0028	1.302	+0.003 -0.003	0.187	0.207	4410300
1.062	-0.0008 -0.0028	1.312	+0.003 -0.003	0.250	0.275	4394500
1.125	-0.0008 -0.0028	1.365	+0.003 -0.003	0.192	0.211	4384500
1.125	-0.0008 -0.0028	1.375	+0.003 -0.003	0.187	0.207	4442700
1.125	-0.0008 -0.0028	1.375	+0.003 -0.003	0.250	0.275	4388000
1.125	-0.0008 -0.0028	1.399	+0.003 -0.003	0.192	0.211	4371900
1.125	-0.0008 -0.0028	1.500	+0.003 -0.003	0.312	0.344	4392600
1.125	-0.0008 -0.0028	1.562	+0.003 -0.003	0.325	0.360	4568800
1.125	-0.0008 -0.0028	1.625	+0.003 -0.003	0.250	0.275	4370900
1.125	-0.0008 -0.0028	1.750	+0.003 -0.003	0.397	0.437	4373000
1.187	-0.0008 -0.0028	1.562	+0.003 -0.003	0.250	0.275	4458600
1.250	-0.0010 -0.0034	1.500	+0.003 -0.003	0.250	0.275	4345300
1.250	-0.0010 -0.0034	1.625	+0.003 -0.003	0.187	0.207	4552600
1.250	-0.0010 -0.0034	1.625	+0.003 -0.003	0.227	0.250	4330200
1.250	-0.0010 -0.0034	1.625	+0.003 -0.003	0.250	0.275	4460600

Rod Seals inch

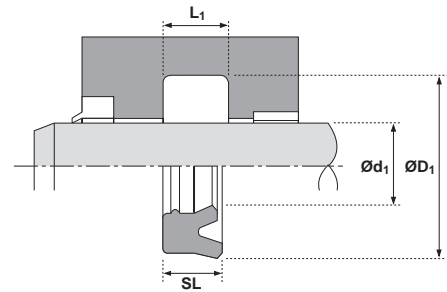
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Ød ₁	TOL f ₉	ØD ₁	TOL Js ₁₁	SL	L ₁ +0.010 -0	PART No.
1.250	-0.0010 -0.0034	1.625	+0.003 -0.003	0.312	0.344	4346000
1.250	-0.0010 -0.0034	1.750	+0.003 -0.003	0.250	0.275	4513500
1.250	-0.0010 -0.0034	1.750	+0.003 -0.003	0.375	0.413	4335800
1.250	-0.0010 -0.0034	1.875	+0.003 -0.003	0.397	0.437	4330300
1.375	-0.0010 -0.0034	1.625	+0.003 -0.003	0.250	0.275	4345400
1.375	-0.0010 -0.0034	1.687	+0.003 -0.003	0.219	0.241	4493900
1.375	-0.0010 -0.0034	1.750	+0.003 -0.003	0.187	0.207	4552800
1.375	-0.0010 -0.0034	1.750	+0.003 -0.003	0.312	0.344	4346100
1.375	-0.0010 -0.0034	1.875	+0.003 -0.003	0.375	0.413	4403100
1.375	-0.0010 -0.0034	2.000	+0.004 -0.004	0.397	0.437	4330400
1.437	-0.0010 -0.0034	1.812	+0.003 -0.003	0.312	0.344	4442800
1.500	-0.0010 -0.0034	1.750	+0.003 -0.003	0.250	0.275	4345500
1.500	-0.0010 -0.0034	1.875	+0.003 -0.003	0.187	0.207	4576600
1.500	-0.0010 -0.0034	1.875	+0.003 -0.003	0.250	0.275	4322100
1.500	-0.0010 -0.0034	1.875	+0.003 -0.003	0.312	0.344	4346200
1.500	-0.0010 -0.0034	1.875	+0.003 -0.003	0.375	0.413	4385400
1.500	-0.0010 -0.0034	2.000	+0.004 -0.004	0.250	0.275	4394400
1.500	-0.0010 -0.0034	2.000	+0.004 -0.004	0.341	0.375	4330500
1.500	-0.0010 -0.0034	2.000	+0.004 -0.004	0.375	0.413	4322200
1.500	-0.0010 -0.0034	2.125	+0.004 -0.004	0.375	0.413	4442900
1.500	-0.0010 -0.0034	2.125	+0.004 -0.004	0.397	0.437	4330600

Ød ₁	TOL f ₉	ØD ₁	TOL Js ₁₁	SL	L ₁ +0.010 -0	PART No.
1.625	-0.0010 -0.0034	1.875	+0.003 -0.003	0.250	0.275	4345600
1.625	-0.0010 -0.0034	2.000	+0.004 -0.004	0.281	0.312	4542800
1.625	-0.0010 -0.0034	2.000	+0.004 -0.004	0.312	0.344	4443000
1.625	-0.0010 -0.0034	2.000	+0.004 -0.004	0.375	0.413	4443100
1.625	-0.0010 -0.0034	2.125	+0.004 -0.004	0.375	0.413	4512100
1.750	-0.0010 -0.0034	2.000	+0.004 -0.004	0.250	0.275	4345700
1.750	-0.0010 -0.0034	2.125	+0.004 -0.004	0.250	0.275	4357200
1.750	-0.0010 -0.0034	2.125	+0.004 -0.004	0.312	0.344	4346300
1.750	-0.0010 -0.0034	2.125	+0.004 -0.004	0.375	0.413	4366800
1.750	-0.0010 -0.0034	2.250	+0.004 -0.004	0.250	0.275	4552700
1.750	-0.0010 -0.0034	2.250	+0.004 -0.004	0.341	0.375	4330700
1.750	-0.0010 -0.0034	2.250	+0.004 -0.004	0.375	0.413	4337000
1.750	-0.0010 -0.0034	2.250	+0.004 -0.004	0.500	0.550	4376800
1.750	-0.0010 -0.0034	2.375	+0.004 -0.004	0.437	0.481	4443200
1.875	-0.0010 -0.0034	2.250	+0.004 -0.004	0.375	0.413	4476200
1.875	-0.0010 -0.0034	2.375	+0.004 -0.004	0.375	0.413	4391200
1.875	-0.0010 -0.0034	2.500	+0.004 -0.004	0.397	0.437	4331500
2.000	-0.0012 -0.0041	2.250	+0.004 -0.004	0.250	0.275	4345800
2.000	-0.0012 -0.0041	2.375	+0.004 -0.004	0.250	0.275	4458700
2.000	-0.0012 -0.0041	2.375	+0.004 -0.004	0.312	0.344	4346400
2.000	-0.0012 -0.0041	2.375	+0.004 -0.004	0.375	0.413	4380100

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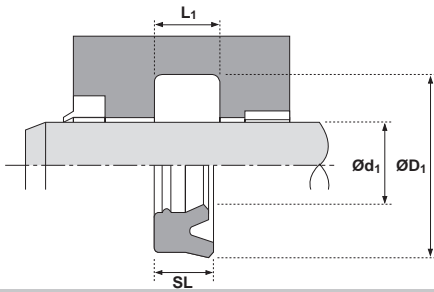


Ød ₁	TOL f9	ØD ₁	TOL Js11	SL	L ₁ +0.010 -0	PART No.
2.000	-0.0012 -0.0041	2.500	+0.004 -0.004	0.250	0.275	4496900
2.000	-0.0012 -0.0041	2.500	+0.004 -0.004	0.312	0.344	4382900
2.000	-0.0012 -0.0041	2.500	+0.004 -0.004	0.341	0.375	4330900
2.000	-0.0012 -0.0041	2.500	+0.004 -0.004	0.375	0.413	4337100
2.000	-0.0012 -0.0041	2.500	+0.004 -0.004	0.781	0.859	4491400
2.000	-0.0012 -0.0041	2.625	+0.004 -0.004	0.312	0.344	4333100
2.000	-0.0012 -0.0041	2.625	+0.004 -0.004	0.397	0.437	4331000
2.000	-0.0012 -0.0041	2.625	+0.004 -0.004	0.500	0.550	4346500
2.000	-0.0012 -0.0041	2.750	+0.004 -0.004	0.625	0.688	4347300
2.125	-0.0012 -0.0041	2.500	+0.004 -0.004	0.375	0.413	4443300
2.250	-0.0012 -0.0041	2.625	+0.004 -0.004	0.335	0.375	4372200
2.250	-0.0012 -0.0041	2.750	+0.004 -0.004	0.341	0.375	4331100
2.250	-0.0012 -0.0041	2.750	+0.004 -0.004	0.375	0.413	4337200
2.250	-0.0012 -0.0041	2.875	+0.004 -0.004	0.500	0.550	4750200
2.250	-0.0012 -0.0041	3.000	+0.004 -0.004	0.511	0.562	4331200
2.375	-0.0012 -0.0041	2.750	+0.004 -0.004	0.375	0.413	4443400
2.375	-0.0012 -0.0041	2.875	+0.004 -0.004	0.375	0.413	4443500
2.500	-0.0012 -0.0041	2.875	+0.004 -0.004	0.312	0.344	4443600
2.500	-0.0012 -0.0041	2.875	+0.004 -0.004	0.375	0.413	4458500
2.500	-0.0012 -0.0041	2.937	+0.004 -0.004	0.284	0.312	4535900
2.500	-0.0012 -0.0041	3.000	+0.004 -0.004	0.250	0.275	4553000

Ød ₁	TOL f9	ØD ₁	TOL Js11	SL	L ₁ +0.010 -0	PART No.
2.500	-0.0012 -0.0041	3.000	+0.004 -0.004	0.284	0.312	4331300
2.500	-0.0012 -0.0041	3.000	+0.004 -0.004	0.375	0.413	4335900
2.500	-0.0012 -0.0041	3.125	+0.004 -0.004	0.500	0.550	4346600
2.500	-0.0012 -0.0041	3.250	+0.004 -0.004	0.625	0.688	4347400
2.625	-0.0012 -0.0041	3.000	+0.004 -0.004	0.375	0.413	4443700
2.625	-0.0012 -0.0041	3.125	+0.004 -0.004	0.500	0.550	4514900
2.625	-0.0012 -0.0041	3.250	+0.004 -0.004	0.625	0.688	4376900
2.735	-0.0012 -0.0041	3.250	+0.004 -0.004	0.312	0.344	4746400
2.750	-0.0012 -0.0041	3.125	+0.004 -0.004	0.375	0.413	4379100
2.750	-0.0012 -0.0041	3.250	+0.004 -0.004	0.375	0.413	4336000
2.750	-0.0012 -0.0041	3.375	+0.004 -0.004	0.375	0.413	4456900
2.750	-0.0012 -0.0041	3.375	+0.004 -0.004	0.500	0.550	4346700
2.750	-0.0012 -0.0041	3.375	+0.004 -0.004	0.805	0.885	4467400
2.750	-0.0012 -0.0041	3.500	+0.004 -0.004	0.625	0.688	4347500
2.875	-0.0012 -0.0041	3.250	+0.004 -0.004	0.375	0.413	4443800
2.875	-0.0012 -0.0041	3.375	+0.004 -0.004	0.375	0.413	4760200
3.000	-0.0012 -0.0041	3.375	+0.004 -0.004	0.375	0.413	4468300
3.000	-0.0012 -0.0041	3.438	+0.004 -0.004	0.281	0.310	4539900
3.000	-0.0012 -0.0041	3.500	+0.004 -0.004	0.375	0.413	4336100
3.000	-0.0012 -0.0041	3.500	+0.004 -0.004	0.625	0.688	4399600
3.000	-0.0012 -0.0041	3.500	+0.004 -0.004	0.781	0.859	4476900

Rod Seals inch

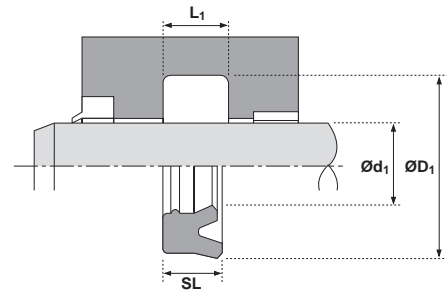
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Ød ₁	TOL f9	ØD ₁	TOL Js11	SL	L ₁ +0.010 -0	PART No.
3.000	-0.0012 -0.0041	3.625	+0.004 -0.004	0.500	0.550	4346800
3.000	-0.0012 -0.0041	3.750	+0.004 -0.004	0.625	0.688	4347600
3.125	-0.0012 -0.0041	3.500	+0.004 -0.004	0.625	0.688	4399700
3.250	-0.0014 -0.0048	3.625	+0.004 -0.004	0.375	0.413	4714100
3.250	-0.0014 -0.0048	3.625	+0.004 -0.004	0.562	0.619	4476800
3.250	-0.0014 -0.0048	3.750	+0.004 -0.004	0.375	0.413	4336200
3.250	-0.0014 -0.0048	3.875	+0.004 -0.004	0.500	0.550	4415400
3.375	-0.0014 -0.0048	3.875	+0.004 -0.004	0.375	0.413	4760300
3.375	-0.0014 -0.0048	4.000	+0.004 -0.004	0.594	0.653	4377000
3.500	-0.0014 -0.0048	3.875	+0.004 -0.004	0.375	0.413	4468400
3.500	-0.0014 -0.0048	4.000	+0.004 -0.004	0.312	0.344	4540000
3.500	-0.0014 -0.0048	4.000	+0.004 -0.004	0.375	0.413	4336300
3.500	-0.0014 -0.0048	4.125	+0.004 -0.004	0.500	0.550	4346900
3.500	-0.0014 -0.0048	4.250	+0.004 -0.004	0.625	0.688	4347700
3.625	-0.0014 -0.0048	4.125	+0.004 -0.004	0.375	0.413	4436200
3.750	-0.0014 -0.0048	4.125	+0.004 -0.004	0.375	0.413	4702500
3.750	-0.0014 -0.0048	4.250	+0.004 -0.004	0.375	0.413	4443900
3.750	-0.0014 -0.0048	4.250	+0.004 -0.004	0.500	0.550	4456500
3.750	-0.0014 -0.0048	4.250	+0.004 -0.004	0.562	0.625	4436100
3.875	-0.0014 -0.0048	4.375	+0.004 -0.004	0.375	0.413	4760400
4.000	-0.0014 -0.0048	4.375	+0.004 -0.004	0.375	0.413	4468500

Ød ₁	TOL f9	ØD ₁	TOL Js11	SL	L ₁ +0.010 -0	PART No.
4.000	-0.0014 -0.0048	4.500	+0.004 -0.004	0.312	0.344	4586700
4.000	-0.0014 -0.0048	4.500	+0.004 -0.004	0.375	0.413	4336400
4.000	-0.0014 -0.0048	4.500	+0.004 -0.004	0.562	0.619	4385700
4.000	-0.0014 -0.0048	4.500	+0.004 -0.004	0.781	0.859	4399800
4.000	-0.0014 -0.0048	4.625	+0.004 -0.004	0.375	0.413	4520100
4.000	-0.0014 -0.0048	4.625	+0.004 -0.004	0.500	0.550	4347000
4.000	-0.0014 -0.0048	4.750	+0.004 -0.004	0.500	0.550	4444000
4.000	-0.0014 -0.0048	4.750	+0.005 -0.005	0.625	0.688	4347800
4.250	-0.0014 -0.0048	5.000	+0.005 -0.005	0.625	0.688	4347900
4.375	-0.0014 -0.0048	4.875	+0.005 -0.005	0.375	0.413	4760500
4.500	-0.0014 -0.0048	5.000	+0.005 -0.005	0.375	0.413	4379200
4.500	-0.0014 -0.0048	5.125	+0.005 -0.005	0.500	0.550	4347100
4.500	-0.0014 -0.0048	5.125	+0.005 -0.005	0.625	0.688	4444100
4.500	-0.0014 -0.0048	5.250	+0.005 -0.005	0.625	0.688	4348000
4.625	-0.0014 -0.0048	5.250	+0.005 -0.005	0.625	0.688	4377100
4.750	-0.0014 -0.0048	5.125	+0.005 -0.005	0.375	0.413	4714200
4.750	-0.0014 -0.0048	5.250	+0.005 -0.005	0.625	0.688	4451100
4.875	-0.0017 -0.0056	5.375	+0.005 -0.005	0.375	0.413	4760600
5.000	-0.0017 -0.0056	5.500	+0.005 -0.005	0.375	0.413	4495000
5.000	-0.0017 -0.0056	5.500	+0.005 -0.005	0.562	0.619	4386100
5.000	-0.0017 -0.0056	5.500	+0.005 -0.005	0.781	0.859	4399900

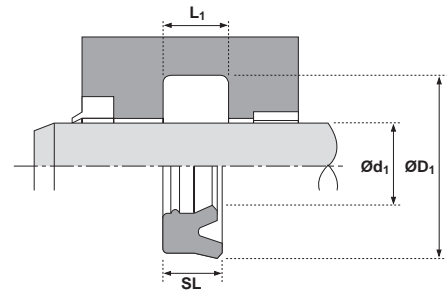
605



Ød ₁	TOL f9	ØD ₁	TOL Js11	SL	L ₁ +0.010 -0	PART No.
5.000	-0.0017 -0.0056	5.531	+0.005 -0.005	0.557	0.619	4391400
5.000	-0.0017 -0.0056	5.625	+0.005 -0.005	0.500	0.550	4347200
5.000	-0.0017 -0.0056	5.750	+0.005 -0.005	0.625	0.688	4348100
5.125	-0.0017 -0.0056	5.625	+0.005 -0.005	0.562	0.619	4436000
5.125	-0.0017 -0.0056	6.000	+0.005 -0.005	0.500	0.550	4444200
5.375	-0.0017 -0.0056	5.875	+0.005 -0.005	0.625	0.688	4475800
5.375	-0.0017 -0.0056	6.000	+0.005 -0.005	0.625	0.688	4448300
5.500	-0.0017 -0.0056	6.000	+0.005 -0.005	0.375	0.413	4379300
5.500	-0.0017 -0.0056	6.000	+0.005 -0.005	0.562	0.619	4468600
5.500	-0.0017 -0.0056	6.125	+0.005 -0.005	0.312	0.344	4540100
5.500	-0.0017 -0.0056	6.250	+0.005 -0.005	0.625	0.688	4348200
5.625	-0.0017 -0.0056	6.125	+0.005 -0.005	0.375	0.413	4714300
6.000	-0.0017 -0.0056	6.500	+0.005 -0.005	0.562	0.619	4436500
6.000	-0.0017 -0.0056	6.500	+0.005 -0.005	0.781	0.859	4400000
6.000	-0.0017 -0.0056	6.531	+0.005 -0.005	0.562	0.619	4391000
6.000	-0.0017 -0.0056	6.750	+0.005 -0.005	0.625	0.688	4348300
6.500	-0.0017 -0.0056	7.250	+0.006 -0.006	0.625	0.688	4348400

Ød ₁	TOL f9	ØD ₁	TOL Js11	SL	L ₁ +0.010 -0	PART No.
7.000	-0.0017 -0.0056	7.500	+0.006 -0.006	0.562	0.619	4436600
7.000	-0.0017 -0.0056	7.500	+0.006 -0.006	0.780	0.859	4456600
7.000	-0.0017 -0.0056	7.531	+0.006 -0.006	0.562	0.619	4391100
7.000	-0.0017 -0.0056	7.750	+0.006 -0.006	0.625	0.688	4348500
7.500	-0.0017 -0.0056	8.000	+0.006 -0.006	0.375	0.413	4714400
7.750	-0.0020 -0.0065	8.500	+0.006 -0.006	0.625	0.688	4353900
8.000	-0.0020 -0.0065	8.500	+0.006 -0.006	0.375	0.413	4733400
8.000	-0.0020 -0.0065	8.500	+0.006 -0.006	0.562	0.619	4468700
8.000	-0.0020 -0.0065	8.750	+0.006 -0.006	0.625	0.688	4510500
8.125	-0.0020 -0.0065	8.625	+0.006 -0.006	0.781	0.859	4477000
8.500	-0.0020 -0.0065	9.000	+0.006 -0.006	0.375	0.413	4733500
9.000	-0.0020 -0.0065	9.500	+0.006 -0.006	0.562	0.619	4468800
9.250	-0.0020 -0.0065	10.000	+0.006 -0.006	0.625	0.688	4499300
9.375	-0.0020 -0.0065	9.875	+0.006 -0.006	0.781	0.859	4477100
9.750	-0.0020 -0.0065	10.250	+0.006 -0.006	0.375	0.413	4733600
10.000	-0.0022 -0.0073	10.500	+0.006 -0.006	0.562	0.619	4468900

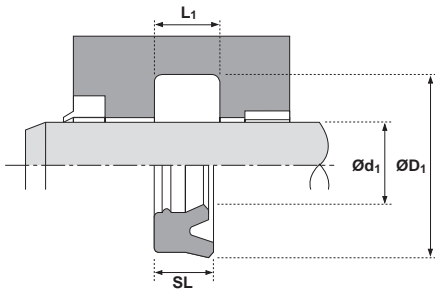
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Ød ₁	TOL f ₉	ØD ₁	TOL Js11	SL	L ₁ +0.25 -0	PART No.
6	-0.010 -0.040	15	+0.06 -0.06	7.3	8.0	4790600
6	-0.010 -0.040	16	+0.06 -0.06	7.0	8.0	4580600
8	-0.013 -0.049	18	+0.06 -0.06	7.0	8.0	4580500
10	-0.013 -0.049	15	+0.06 -0.06	3.6	4.0	4402300
12	-0.016 -0.059	18	+0.06 -0.06	4.0	4.5	4578000
12	-0.016 -0.059	18	+0.06 -0.06	5.7	6.3	4314900
12	-0.016 -0.059	19	+0.07 -0.07	4.5	5.0	4341600
12	-0.016 -0.059	19	+0.07 -0.07	5.1	5.6	4710000‡
12	-0.016 -0.059	20	+0.07 -0.07	5.7	6.3	4310900‡
12	-0.016 -0.059	22	+0.07 -0.07	7.7	9.0	4315000
12.7	-0.016 -0.059	18	+0.06 -0.06	5.5	6.0	4370400
13	-0.016 -0.059	20	+0.07 -0.07	4.5	5.0	4351600
14	-0.016 -0.059	21	+0.07 -0.07	5.1	5.6	4710100‡
14	-0.016 -0.059	22	+0.07 -0.07	5.7	6.3	4311000‡
14	-0.016 -0.059	24	+0.07 -0.07	7.3	8.0	4310000‡
15	-0.016 -0.059	22	+0.07 -0.07	5.7	6.3	4762200
15.37	-0.016 -0.059	25.5	+0.07 -0.07	6.35	7.4	4333800
16	-0.016 -0.059	22	+0.07 -0.07	4.5	5.0	4341700
16	-0.016 -0.059	22	+0.07 -0.07	5.0	6.0	4314100
16	-0.016 -0.059	24	+0.07 -0.07	5.8	6.3	4295200‡

Ød ₁	TOL f ₉	ØD ₁	TOL Js11	SL	L ₁ +0.25 -0	PART No.
16	-0.016 -0.059	26	+0.07 -0.07	7.7	9.0	4311100
18	-0.016 -0.059	24	+0.07 -0.07	4.5	5.0	4712000
18	-0.016 -0.059	25	+0.07 -0.07	5.0	6.0	4314200
18	-0.016 -0.059	26	+0.07 -0.07	5.0	5.7	4611000
18	-0.016 -0.059	26	+0.07 -0.07	5.7	6.3	4311200‡
18	-0.016 -0.059	26	+0.07 -0.07	6.0	7.0	4333900
18	-0.016 -0.059	28	+0.07 -0.07	7.7	9.0	4305100
20	-0.020 -0.072	25	+0.07 -0.07	3.2	3.5	4332100
20	-0.020 -0.072	26	+0.07 -0.07	5.0	5.5	4315100
20	-0.020 -0.072	27	+0.07 -0.07	6.1	6.7	4702900
20	-0.020 -0.072	28	+0.07 -0.07	5.0	5.7	4611100
20	-0.020 -0.072	28	+0.07 -0.07	5.7	6.3	4362100‡
20	-0.020 -0.072	30	+0.07 -0.07	6.0	7.0	4611200
20	-0.020 -0.072	30	+0.07 -0.07	7.7	9.0	4305200
20	-0.020 -0.072	30	+0.07 -0.07	10.0	11.0	4310300
22	-0.020 -0.072	30	+0.07 -0.07	5	5.7	4617500
22	-0.020 -0.072	30	+0.07 -0.07	5.7	6.3	4305300‡
22	-0.020 -0.072	30	+0.07 -0.07	7.3	8.0	4356800
22	-0.020 -0.072	32	+0.08 -0.08	7.3	8.0	4310800‡
22	-0.020 -0.072	32	+0.08 -0.08	10.0	11.0	4311300

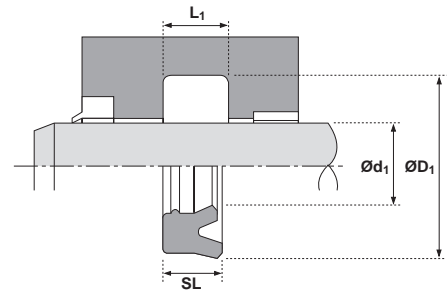
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$\varnothing d_1$	TOL f9	$\varnothing D_1$	TOL Js11	SL	L_1 +0.25 -0	PART No.
22.4	-0.020 -0.072	30	+0.08 -0.08	5.0	5.7	4611300
22.4	-0.020 -0.072	30	+0.08 -0.08	8.0	9.0	4616600
24	-0.020 -0.072	30	+0.08 -0.08	4.5	5.0	4773500
25	-0.020 -0.072	33	+0.08 -0.08	5.0	5.7	4610100
25	-0.020 -0.072	33	+0.08 -0.08	5.7	6.3	4305400‡
25	-0.020 -0.072	33	+0.08 -0.08	6.8	7.5	4333500
25	-0.020 -0.072	33	+0.08 -0.08	10.0	11.0	4315200
25	-0.020 -0.072	35	+0.08 -0.08	7.3	8.0	4512000‡
25	-0.020 -0.072	35	+0.08 -0.08	7.7	9.0	4311400
25	-0.020 -0.072	35	+0.08 -0.08	10.0	11.0	4310500
25	-0.020 -0.072	37	+0.08 -0.08	10.0	11.0	4379900
25	-0.020 -0.072	40	+0.08 -0.08	10.0	11.0	4322900
26	-0.020 -0.072	36	+0.08 -0.08	7.0	8.0	4459400
28	-0.020 -0.072	35.5	+0.08 -0.08	5.0	5.7	4611400
28	-0.020 -0.072	36	+0.08 -0.08	5.7	6.3	4703000‡
28	-0.020 -0.072	38	+0.08 -0.08	7.3	8.0	4305500‡
28	-0.020 -0.072	43	+0.08 -0.08	11.4	12.5	4399000‡
30	-0.020 -0.072	38	+0.08 -0.08	5.7	6.3	4704500
30	-0.020 -0.072	38	+0.08 -0.08	6.3	7.0	4402700
30	-0.020 -0.072	40	+0.08 -0.08	6.0	7.0	4610200

$\varnothing d_1$	TOL f9	$\varnothing D_1$	TOL Js11	SL	L_1 +0.25 -0	PART No.
30	-0.020 -0.072	40	+0.08 -0.08	7.0	7.7	4703100
30	-0.020 -0.072	40	+0.08 -0.08	10.0	11.0	4304600
30	-0.020 -0.072	42	+0.08 -0.08	10.9	12.0	4383100
30	-0.020 -0.072	50	+0.08 -0.08	10.0	11.0	4328500
32	-0.025 -0.087	40	+0.08 -0.08	6.0	7.0	4310700
32	-0.025 -0.087	40	+0.08 -0.08	6.7	7.7	4334000
32	-0.025 -0.087	40	+0.08 -0.08	7.7	9.0	4315300
32	-0.025 -0.087	41.5	+0.08 -0.08	7.9	8.9	4334100
32	-0.025 -0.087	42	+0.08 -0.08	5.7	6.3	4360100‡
32	-0.025 -0.087	42	+0.08 -0.08	6.0	7.0	4616100
32	-0.025 -0.087	42	+0.08 -0.08	7.3	8.0	4374200‡
32	-0.025 -0.087	42	+0.08 -0.08	10.0	11.0	4305600
32	-0.025 -0.087	45	+0.08 -0.08	10.0	11.0	4597700
32	-0.025 -0.087	47	+0.08 -0.08	9.1	10.0	4329600
32	-0.025 -0.087	47	+0.08 -0.08	10.0	11.0	4338900
32	-0.025 -0.087	48	+0.08 -0.08	10.0	11.0	4492500
35	-0.025 -0.087	43	+0.08 -0.08	5.7	6.3	4703200
35	-0.025 -0.087	43	+0.08 -0.08	6.3	7.0	4402800
35	-0.025 -0.087	43	+0.08 -0.08	8.2	9.0	4309000
35	-0.025 -0.087	45	+0.08 -0.08	6.0	7.0	4611500

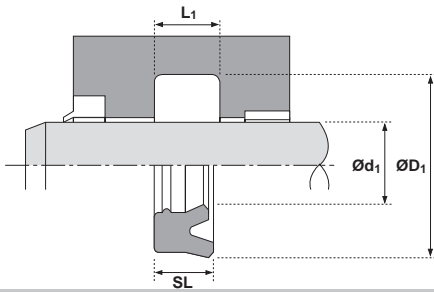
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Ød ₁	TOL f9	ØD ₁	TOL Js11	SL	L ₁ +0.25 -0	PART No.
35	-0.025 -0.087	45	+0.08 -0.08	7.7	9.0	4314300
35	-0.025 -0.087	45	+0.08 -0.08	10.0	11.0	4305700
35	-0.025 -0.087	50	+0.08 -0.08	9.0	10.0	4611600
35	-0.025 -0.087	50	+0.08 -0.08	10.0	11.0	4322500
35.5	-0.025 -0.087	45	+0.08 -0.08	6.0	7.0	4616700
35.5	-0.025 -0.087	50.5	+0.08 -0.08	10.0	11.0	4616900
36	-0.025 -0.087	44	+0.08 -0.08	6.4	7.5	4373900
36	-0.025 -0.087	44	+0.08 -0.08	8.2	9.0	4395000
36	-0.025 -0.087	46	+0.08 -0.08	5.7	6.3	4372100‡
36	-0.025 -0.087	46	+0.08 -0.08	7.3	8.0	4304900‡
36	-0.025 -0.087	46	+0.08 -0.08	10.0	11.0	4305000
36	-0.025 -0.087	51	+0.08 -0.08	10.0	11.0	4771600
38	-0.025 -0.087	48	+0.08 -0.08	10.0	11.0	4515500
38	-0.025 -0.087	50	+0.08 -0.08	10.0	11.0	4586300
38	-0.025 -0.087	53	+0.08 -0.08	10.0	11.0	4480900
40	-0.025 -0.087	48	+0.08 -0.08	5.7	6.3	4703300
40	-0.025 -0.087	48	+0.080 -0.080	8.2	9.0	4396800
40	-0.025 -0.087	49.52	+0.080 -0.080	9.5	10.5	4334200
40	-0.025 -0.087	50	+0.080 -0.080	6.0	7.0	4610300
40	-0.025 -0.087	50	+0.080 -0.080	7.3	8.0	4311600‡

Ød ₁	TOL f9	ØD ₁	TOL Js11	SL	L ₁ +0.25 -0	PART No.
40	-0.025 -0.087	50	+0.080 -0.080	10.0	11.0	4293800
40	-0.025 -0.087	52	+0.095 -0.095	10.9	12.0	4381800
40	-0.025 -0.087	55	+0.095 -0.095	7.3	8.0	4703400
40	-0.025 -0.087	55	+0.095 -0.095	9.0	10.0	4611700
40	-0.025 -0.087	55	+0.095 -0.095	10.0	11.0	4328300
42	-0.025 -0.087	50	+0.080 -0.080	7.5	8.0	4373800
42	-0.025 -0.087	50	+0.080 -0.080	5.7	6.3	4744400
42	-0.025 -0.087	52	+0.095 -0.095	10.0	11.0	4338200
45	-0.025 -0.087	53	+0.095 -0.095	8.1	9.0	4402900
45	-0.025 -0.087	53	+0.095 -0.095	11.8	13.0	4315600
45	-0.025 -0.087	55	+0.095 -0.095	5.6	6.3	4479700‡
45	-0.025 -0.087	55	+0.095 -0.095	6.0	7.0	4610400
45	-0.025 -0.087	55	+0.095 -0.095	7.3	8.0	4305900‡
45	-0.025 -0.087	55	+0.095 -0.095	10.0	11.0	4302600
45	-0.025 -0.087	57.7	+0.095 -0.095	9.5	10.5	4322800
45	-0.025 -0.087	60	+0.095 -0.095	10.0	11.0	4315400
45	-0.025 -0.087	65	+0.095 -0.095	10.0	11.0	4315500
47	-0.025 -0.087	56.33	+0.095 -0.095	9	10	4778000
48	-0.025 -0.087	60	+0.095 -0.095	10.0	11.0	4432600
50	-0.025 -0.087	57	+0.095 -0.095	9.0	10.0	4538600

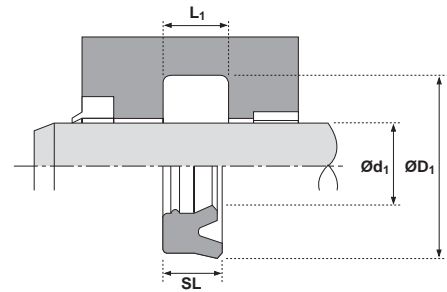
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Ød ₁	TOL f ₉	ØD ₁	TOL Js11	SL	L ₁ +0.25 -0	PART No.
50	-0.025 -0.087	60	+0.095 -0.095	6.0	7.0	4611800
50	-0.025 -0.087	60	+0.095 -0.095	7.3	8.0	4306000‡
50	-0.025 -0.087	60	+0.095 -0.095	10.0	11.0	4304500
50	-0.025 -0.087	60	+0.095 -0.095	11.8	13.0	4314400
50	-0.025 -0.087	62.7	+0.095 -0.095	9.5	10.5	4334400
50	-0.025 -0.087	65	+0.095 -0.095	9.0	10.0	4611900
50	-0.025 -0.087	65	+0.095 -0.095	9.5	10.5	4344000
50	-0.025 -0.087	65	+0.095 -0.095	10.0	11.0	4617000
50	-0.025 -0.087	65	+0.095 -0.095	10.9	12.0	4291700
50	-0.025 -0.087	65	+0.095 -0.095	14.5	16.0	4381900
50	-0.025 -0.087	70	+0.095 -0.095	12.0	13.0	4612000
53	-0.030 -0.104	65	+0.095 -0.095	9.0	10.0	4371700
55	-0.030 -0.104	65	+0.095 -0.095	6.0	7.0	4615600
55	-0.030 -0.104	65	+0.095 -0.095	7.3	8.0	4703500
55	-0.030 -0.104	65	+0.095 -0.095	8.2	9.0	4360400
55	-0.030 -0.104	65	+0.095 -0.095	10.0	11.0	4306100
55	-0.030 -0.104	65	+0.095 -0.095	11.8	13.0	4323400
55	-0.030 -0.104	68	+0.095 -0.095	10.0	11.0	4593800
55	-0.030 -0.104	70	+0.095 -0.095	9.0	10.0	4612100
55	-0.030 -0.104	70	+0.095 -0.095	11.8	13.0	4319200

Ød ₁	TOL f ₉	ØD ₁	TOL Js11	SL	L ₁ +0.25 -0	PART No.
55	-0.030 -0.104	75	+0.095 -0.095	12.0	13.0	4612200
56	-0.030 -0.104	66	+0.095 -0.095	10.0	11.0	4311800
56	-0.030 -0.104	71	+0.095 -0.095	10.0	11.0	4311900
56	-0.030 -0.104	71	+0.095 -0.095	11.4	12.5	4306200‡
60	-0.030 -0.104	68	+0.095 -0.095	11.4	12.5	4538000
60	-0.030 -0.104	70	+0.095 -0.095	6.0	7.0	4610500
60	-0.030 -0.104	70	+0.095 -0.095	7.3	8.0	4703600
60	-0.030 -0.104	70	+0.095 -0.095	10.0	11.0	4310600
60	-0.030 -0.104	70	+0.095 -0.095	11.8	13.0	4306300
60	-0.030 -0.104	71	+0.095 -0.095	7.0	8.0	4615700
60	-0.030 -0.104	72	+0.095 -0.095	10.0	11.0	4323500
60	-0.030 -0.104	73	+0.095 -0.095	10.0	11.0	4593900
60	-0.030 -0.104	75	+0.095 -0.095	9.0	10.0	4612300
60	-0.030 -0.104	75	+0.095 -0.095	10.0	11.0	4378700
60	-0.030 -0.104	75	+0.095 -0.095	11.8	13.0	4306400
60	-0.030 -0.104	75	+0.095 -0.095	20.5	22.5	4391800
60	-0.030 -0.104	80	+0.095 -0.095	11.4	12.5	4514300
60	-0.030 -0.104	80	+0.095 -0.095	12.0	13.0	4612400
63	-0.030 -0.104	73	+0.095 -0.095	6.0	7.0	4612500
63	-0.030 -0.104	73	+0.095 -0.095	11.8	13.0	4312000

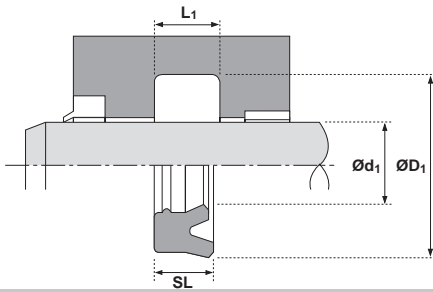
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$\text{Ø}d_1$	TOL f9	$\text{Ø}D_1$	TOL Js11	SL	L_1 +0.25 -0	PART No.
63	-0.030 -0.104	78	+0.095 -0.095	10.0	11.0	4312100
63	-0.030 -0.104	78	+0.095 -0.095	11.4	12.5	4306500±
65	-0.030 -0.104	75	+0.095 -0.095	6.0	7.0	4615900
65	-0.030 -0.104	75	+0.095 -0.095	7.7	9.0	4314500
65	-0.030 -0.104	75	+0.095 -0.095	11.8	13.0	4306600
65	-0.030 -0.104	77	+0.095 -0.095	9.0	10.0	4703700
65	-0.030 -0.104	77.7	+0.095 -0.095	9.5	10.5	4334500
65	-0.030 -0.104	78	+0.095 -0.095	10.0	11.0	4616200
65	-0.030 -0.104	80	+0.095 -0.095	9.0	10.0	4612600
65	-0.030 -0.104	80	+0.095 -0.095	11.8	13.0	4312200
65	-0.030 -0.104	85	+0.110 -0.110	12.0	13.0	4612700
67	-0.030 -0.104	77	+0.095 -0.095	6.0	7.0	4612800
70	-0.030 -0.104	80	+0.095 -0.095	6.0	7.0	4615800
70	-0.030 -0.104	80	+0.095 -0.095	11.8	13.0	4312300
70	-0.030 -0.104	82	+0.110 -0.110	8.7	9.6	4494700
70	-0.030 -0.104	82	+0.110 -0.110	10.0	11.0	4323600
70	-0.030 -0.104	83	+0.110 -0.110	10.0	11.0	4616400
70	-0.030 -0.104	85	+0.110 -0.110	9.0	10.0	4612900
70	-0.030 -0.104	85	+0.110 -0.110	10.0	11.0	4302700
70	-0.030 -0.104	85	+0.110 -0.110	11.4	12.5	4301200±

$\text{Ø}d_1$	TOL f9	$\text{Ø}D_1$	TOL Js11	SL	L_1 +0.25 -0	PART No.
70	-0.030 -0.104	85	+0.110 -0.110	20.5	22.5	4401400
70	-0.030 -0.104	90	+0.110 -0.110	12.0	13.0	4613000
75	-0.030 -0.104	83	+0.110 -0.110	11.4	12.5	4706300
75	-0.030 -0.104	85	+0.110 -0.110	6.0	7.0	4616800
75	-0.030 -0.104	85	+0.110 -0.110	11.8	13	4312400
75	-0.030 -0.104	88	+0.110 -0.110	10.0	11.0	4616300
75	-0.030 -0.104	90	+0.110 -0.110	9.0	10.0	4613100
75	-0.030 -0.104	95	+0.110 -0.110	12.0	13.0	4613200
78	-0.030 -0.104	86	+0.110 -0.110	9.0	10.0	4538700
80	-0.030 -0.104	88	+0.110 -0.110	10.9	12.0	4766600
80	-0.030 -0.104	90	+0.110 -0.110	6.0	7.0	4616000
80	-0.030 -0.104	90	+0.110 -0.110	10.0	11.0	4390400
80	-0.030 -0.104	90	+0.110 -0.110	11.8	13.0	4312500
80	-0.030 -0.104	92	+0.110 -0.110	8.7	9.6	4494800
80	-0.030 -0.104	93	+0.110 -0.110	10.0	11.0	4615200
80	-0.030 -0.104	95	+0.110 -0.110	9.0	10.0	4613300
80	-0.030 -0.104	95	+0.110 -0.110	10.0	11.0	4383500
80	-0.030 -0.104	95	+0.110 -0.110	11.8	13.0	4306700
80	-0.030 -0.104	100	+0.110 -0.110	12.0	13.0	4613400
80	-0.030 -0.104	100	+0.110 -0.110	14.5	16.0	4382800±

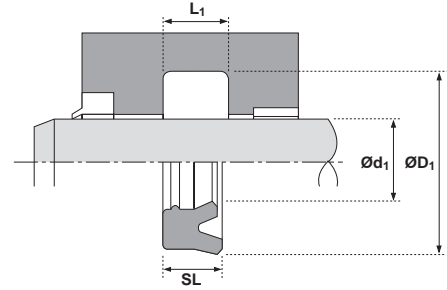
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Ød ₁	TOL f9	ØD ₁	TOL Js11	SL	L ₁ +0.25 -0	PART No.
80	-0.030 -0.104	110	+0.110 -0.110	16.4	18.0	4342900
85	-0.036 -0.123	93	+0.110 -0.110	10.0	11.0	4392700
85	-0.036 -0.123	93	+0.110 -0.110	11.4	12.5	4537900
85	-0.036 -0.123	100	+0.110 -0.110	9.0	10.0	4610600
85	-0.036 -0.123	100	+0.110 -0.110	10.0	11.0	4615300
85	-0.036 -0.123	100	+0.110 -0.110	11.8	13.0	4306800
85	-0.036 -0.123	105	+0.110 -0.110	12.0	13.0	4613500
90	-0.036 -0.123	98	+0.110 -0.110	11.4	12.5	4706400
90	-0.036 -0.123	100	+0.110 -0.110	6.8	7.5	4493500±
90	-0.036 -0.123	100	+0.110 -0.110	9.0	10.0	4366900
90	-0.036 -0.123	100	+0.110 -0.110	11.8	13.0	4314600
90	-0.036 -0.123	102	+0.110 -0.110	8.7	9.6	4333000
90	-0.036 -0.123	105	+0.110 -0.110	9.0	10.0	4613600
90	-0.036 -0.123	105	+0.110 -0.110	10.0	11.0	4615400
90	-0.036 -0.123	105	+0.110 -0.110	11.4	12.5	4306900±
90	-0.036 -0.123	110	+0.110 -0.110	12.0	13.0	4613700
95	-0.036 -0.123	110	+0.110 -0.110	9.0	10.0	4610700
95	-0.036 -0.123	110	+0.110 -0.110	10.0	11.0	4615500
95	-0.036 -0.123	110	+0.110 -0.110	11.8	13.0	4617600
95	-0.036 -0.123	115	+0.110 -0.110	12.0	13.0	4613800

Ød ₁	TOL f9	ØD ₁	TOL Js11	SL	L ₁ +0.25 -0	PART No.
96	-0.036 -0.123	104	+0.110 -0.110	10.9	12.0	4380300
100	-0.036 -0.123	108	+0.110 -0.110	10.9	12.0	4766700
100	-0.036 -0.123	110	+0.110 -0.110	10.9	12.0	4461700
100	-0.036 -0.123	115	+0.110 -0.110	9.0	10.0	4610800
100	-0.036 -0.123	115	+0.110 -0.110	11.8	13.0	4312600
100	-0.036 -0.123	115	+0.110 -0.110	10.0	11.0	4617100
100	-0.036 -0.123	120	+0.110 -0.110	11.8	13.0	4312700+
100	-0.036 -0.123	120	+0.110 -0.110	14.5	16.0	4307000±
105	-0.036 -0.123	113	+0.110 -0.110	10.0	11.0	4392800
105	-0.036 -0.123	115	+0.110 -0.110	13.2	14.5	4390500
105	-0.036 -0.123	120	+0.110 -0.110	9.0	10	4617300
105	-0.036 -0.123	120	+0.110 -0.110	10.0	11.0	4617200
105	-0.036 -0.123	120	+0.110 -0.110	14.5	16.0	4379500
105	-0.036 -0.123	125	+0.110 -0.110	14.5	16.0	4617400
108	-0.036 -0.123	123	+0.125 -0.125	10.9	12.0	4329100
110	-0.036 -0.123	125	+0.125 -0.125	9.0	10.0	4459700+
110	-0.036 -0.123	125	+0.125 -0.125	11.0	12.0	4537800
110	-0.036 -0.123	125	+0.125 -0.125	14.5	16.0	4481600
110	-0.036 -0.123	130	+0.125 -0.125	11.8	13.0	4312800+
110	-0.036 -0.123	130	+0.125 -0.125	14.5	16.0	4307100±

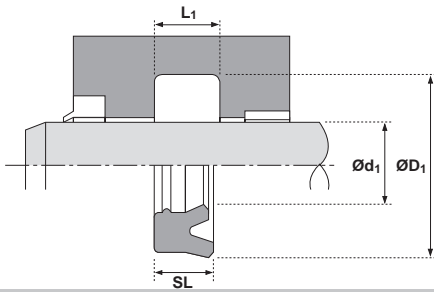
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Ød ₁	TOL f9	ØD ₁	TOL Js11	SL	L ₁ +0.25 -0	PART No.
110	-0.036 -0.123	135	+0.125 -0.125	14.5	16.0	4343000
112	-0.036 -0.123	125	+0.125 -0.125	9.0	10.0	4610900
115	-0.036 -0.123	130	+0.125 -0.125	9.0	10.0	4459800
115	-0.036 -0.123	130	+0.125 -0.125	10.9	12.0	4434600
115	-0.036 -0.123	130	+0.125 -0.125	14.5	16.0	4342600
120	-0.036 -0.123	128	+0.125 -0.125	11.4	12.5	4706500
120	-0.036 -0.123	130	+0.125 -0.125	10.9	12.0	4461800
120	-0.036 -0.123	135	+0.125 -0.125	9.0	10.0	4614000
120	-0.036 -0.123	140	+0.125 -0.125	12.0	13.0	4614100
120	-0.036 -0.123	140	+0.125 -0.125	14.5	16.0	4312900
125	-0.043 -0.143	133	+0.125 -0.125	10.0	11.0	4392900
125	-0.043 -0.143	133	+0.125 -0.125	11.4	12.5	4748500
125	-0.043 -0.143	140	+0.125 -0.125	9.0	10.0	4614200
125	-0.043 -0.143	140	+0.125 -0.125	10.9	12.0	4766500
125	-0.043 -0.143	145	+0.125 -0.125	12.0	13.0	4614300
125	-0.043 -0.143	145	+0.125 -0.125	14.5	16.0	4307300‡
125	-0.043 -0.143	150	+0.125 -0.125	12.5	14.0	4367000
130	-0.043 -0.143	140	+0.125 -0.125	14.5	16.0	4390600
130	-0.043 -0.143	145	+0.125 -0.125	9.0	10.0	4614400
130	-0.043 -0.143	150	+0.125 -0.125	12.0	13.0	4614500

Ød ₁	TOL f9	ØD ₁	TOL Js11	SL	L ₁ +0.25 -0	PART No.
130	-0.043 -0.143	150	+0.125 -0.125	14.5	16.0	4313000
132.5	-0.043 -0.143	157.5	+0.125 -0.125	13.2	14.5	4329400
135	-0.043 -0.143	150	+0.125 -0.125	11.4	12.5	4537700
140	-0.043 -0.143	150	+0.125 -0.125	10.9	12.0	4461900
140	-0.043 -0.143	155	+0.125 -0.125	9.0	10.0	4614600
140	-0.043 -0.143	155	+0.125 -0.125	11.8	13.0	4555300
140	-0.043 -0.143	160	+0.125 -0.125	11.8	13.0	4313100+
140	-0.043 -0.143	160	+0.125 -0.125	14.5	16.0	4307400‡
150	-0.043 -0.143	160	+0.125 -0.125	11.0	12.0	4595200
150	-0.043 -0.143	165	+0.125 -0.125	9.0	10.0	4614700
150	-0.043 -0.143	170	+0.125 -0.125	12.0	13.0	4614800
150	-0.043 -0.143	170	+0.125 -0.125	13.2	14.5	4367100
150	-0.043 -0.143	170	+0.125 -0.125	14.5	16.0	4342800
151	-0.043 -0.143	159	+0.125 -0.125	9.0	10.0	4538800
155	-0.043 -0.143	170	+0.125 -0.125	14.5	16.0	4342700
160	-0.043 -0.143	175	+0.125 -0.125	9.0	10.0	4614900
160	-0.043 -0.143	175	+0.125 -0.125	10.9	12.0	4462000
160	-0.043 -0.143	180	+0.125 -0.125	12.0	13.0	4615000
160	-0.043 -0.143	180	+0.125 -0.125	14.5	16.0	4345000
165	-0.043 -0.143	180	+0.125 -0.125	9.0	10.0	4616500

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$\varnothing d_1$	TOL f9	$\varnothing D_1$	TOL Js11	SL	L_1 +0.25 -0	PART No.
170	-0.043 -0.143	190	+0.145 -0.145	14.5	16.0	4398800
180	-0.043 -0.143	200	+0.145 -0.145	11.8	13.0	4314700‡
180	-0.043 -0.143	200	+0.145 -0.145	14.5	16.0	4560900
185	-0.050 -0.165	200	+0.145 -0.145	10.9	12.0	4462100
190	-0.050 -0.165	215	+0.145 -0.145	18.5	20.0	4749400

$\varnothing d_1$	TOL f9	$\varnothing D_1$	TOL Js11	SL	L_1 +0.25 -0	PART No.
200	-0.050 -0.165	220	+0.145 -0.145	12.0	13.0	4615100
200	-0.050 -0.165	220	+0.145 -0.145	14.5	16.0	4380200
205	-0.050 -0.143	220	+0.145 -0.125	12.2	13.5	4522400
220	-0.050 -0.165	240	+0.145 -0.145	14.5	16.0	4555400
330	-0.062 -0.202	350	+0.180 -0.180	18.0	20.0	4587400