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宁波欢凌密封科技有限公司

NINGBO HUAN LING SEALING TECHNOLOGY CO., LTD.

公司简介:



宁波欢凌密封科技有限公司是一家从事密封元件，包括O型圈，星型圈，平垫圈，橡胶挡圈，橡胶球，油封，四氟垫片等各种非标件的专业性购销公司。采用先下订单，然后进行生产加工的销售模式，针对不同客户加工不同产品。公司拥有的产品皆是进口原料制造，质量上乘，现公司产品已远销国外，反馈信息良好，是一家广大密封件使用者值得信赖的公司。业务涉及工程机械、注塑机械、油压机、压缩机、压铸机、陶瓷机械、港口机械、冶金机械、钢铁机械、汽船制造、煤矿机械、化工机械、轻工机械、矿山机械以及机床等领域和行业。致力于提升服务品质及产品的更新，以期为客户提供更好的服务。

ABOUT US :

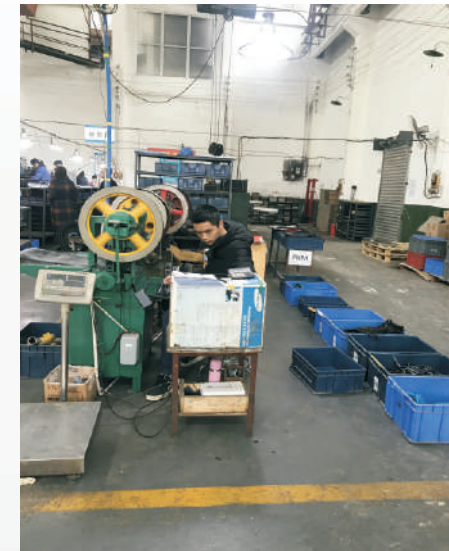


Ningbo Huan Ling Sealing Technology Co., LTD., the products including the O-rings, Flat washer, rubber rings, ED-Ring, Bonded seal, PTFE rings, O-ring Kit, rubber ball, Y-rings, Rubber Strip, Piston U-seal, Rod U-seal, Glyd-Ring, Step seals, v-shaped rings, X-rings and other various non-standard rubber. In addition, our company sales agent: IVAK oil seal, WRD oil seal, etc.

Our company has the product is made of imported raw materials, quality excellent, the company products have been exported to Europe and the United States, the feedback is good, is a broad seal users trustworthy company.

Business involves the engineering machinery, plastic machinery, hydraulic press, compressor, die-casting machine, ceramic machinery, port machinery, metallurgical machinery, steel, steamboat manufacturing, coal mine machinery, chemical machinery, light industry machinery, mining machinery and machine tools and other fields and industries.

My company is committed to enhance service quality and product updates, in order to provide better service for the customer.



采购咨询通道 consulting service

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O型圈

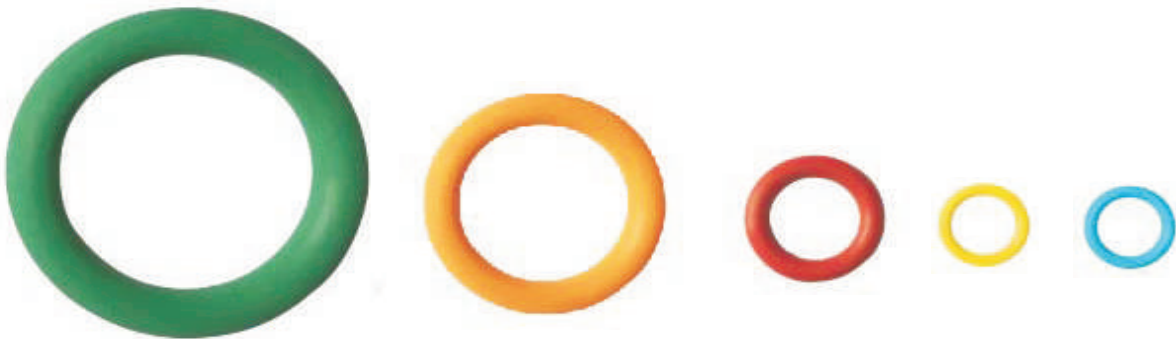
O形密封圈适用于装在各种机械设备上，在规定的温度、压力、以及不同的液体和气体介质中，于静止或运动状态下起密封作用。在机床、船舶、汽车、航空航天设备、冶金机械、化工机械、工程机械、建筑机械、矿山机械、石油机械、塑料机械、农业机械、以及各类仪器仪表上，大量应用着各种类型的密封元件。O型密封圈主要用于静密封和往复运动密封。用于旋转运动密封时，仅限于低速回转密封装置。O型密封圈一般安装在外圆或内圆上截面为矩形的沟槽内起密封作用。O型密封圈在耐油、酸碱、磨、化学侵蚀等环境依然起到良好密封、减震作用。因此，O型密封圈是液压与气压传动系统中使用最广泛的一种密封件。

O-Ring

O-ring is mainly used in fluid static application (For example, water, oil, air, chemicals solvent, chemicals, etc.). The temperature range is from -60 °C up to 220 °C. The pressure in static application should be less than 20MPa, which varies with different materials. Sometimes O-ring is used in dynamic application with the pressure less than 5MPa and also used in semi-conductor vacuum seal.



O 型圈/星型圈公差标准表 tolerance standard			
内径ID	公差Tolerance (±)	线径C/S	公差Tolerance (±)
0-1.79	0.10	0-1.79	0.07
1.80-6.29	0.13	1.80-2.64	0.08
6.30-10.59	0.14	2.65-3.54	0.09
10.60-18.99	0.17	3.55-5.29	0.10
19.00-31.49	0.22	5.30-6.99	0.13
31.50-41.19	0.30	7.00-8.00	0.15
41.20-51.49	0.36	8.01-10.00	0.20
51.50-64.99	0.44	10.01-15.00	0.25
65.00-82.49	0.53	15.01-25.00	0.35
82.50-121.99	0.65	25.01-100.00	0.45
122.00-184.99	0.90		
185.00-257.99	1.20		
258.00-324.99	1.60		
325.00-411.99	2.10		
412.00-514.99	2.60		
515.00-649.99	3.20		
650.00-670.00	4.00		
670.01-999.00	5.00		
999.01-1200.00	6.00		



中国标C 9 2 Chinese- standard

内径 (ID)	线径 (CS)
1. 8-50	1.8
10-150	2
7. 1-200	2.65
8-200	3.55
40-400	5.3
60-545	7

美标A S 5 6 8 American-standard

内径 (ID)	线径 (CS)
1.78-185.19	1.78
1.24-247.32	2.62
1.52-456.06	3.53
10.46-582.68	5.33
34.29-557.66	6.99

欢凌标准 HL-standard

内径 (ID)	线径 (CS)
1-77	1
1-350	1.5
3-320	2.5
5-430	3
9-410	4
10-470	5
85-430	6
27-448	8
66-385	10

日标J I S B 2 4 0 1 (P , G) Japanese-standard

内径 (ID)	线径 (CS)
2.8-9.8	1.9
9.8-21.8	2.4
24.4-144.4	3.1
21.7-49.7	3.5
47.6-299.3	5.7
149.5-399.5	8.4

中国标准 (C92 Chinese Standard)

NO.	I.D/内径	C/S/线径	NO.	I.D/内径	C/S/线径
001	1.80	1.80	084	30.00	1.80
002	2.00	1.80	087	31.50	1.80
003	2.24	1.80	090	32.50	1.80
004	2.50	1.80	093	33.50	1.80
005	2.80	1.80	096	34.50	1.80
006	3.15	1.80	099	35.50	1.80
007	3.55	1.80	102	36.50	1.80
008	3.75	1.80	105	37.50	1.80
009	4.00	1.80	108	38.70	1.80
010	4.50	1.80	111	40.00	1.80
011	4.87	1.80	115	41.20	1.80
012	5.00	1.80	119	42.50	1.80
013	5.15	1.80	123	43.70	1.80
014	5.30	1.80	127	45.00	1.80
015	5.60	1.80	131	46.20	1.80
016	6.00	1.80	135	47.50	1.80
017	6.30	1.80	139	48.70	1.80
018	6.70	1.80	143	50.00	1.80
019	6.90	1.80	171	65.00	1.80
020	7.10	1.80	021	7.10	2.65
022	7.50	1.80	023	7.50	2.65
024	8.00	1.80	025	8.00	2.65
026	8.50	1.80	027	8.50	2.65
028	8.75	1.80	029	8.75	2.65
030	9.00	1.80	031	9.00	2.65
032	9.50	1.80	033	9.50	2.65
034	10.00	1.80	035	10.00	2.65
036	10.60	1.80	037	10.60	2.65
038	11.20	1.80	039	11.20	2.65
040	11.80	1.80	041	11.80	2.65
042	12.50	1.80	043	12.50	2.65
044	13.20	1.80	045	13.20	2.65
046	14.00	1.80	047	14.00	2.65
048	15.00	1.80	049	15.00	2.65
050	16.00	1.80	051	16.00	2.65
052	17.00	1.80	053	17.00	2.65
054	18.00	1.80	055	18.00	2.65
057	19.00	1.80	058	19.00	2.65
060	20.00	1.80	061	20.00	2.65
063	21.20	1.80	064	21.20	2.65
066	22.40	1.80	067	22.40	2.65
069	23.60	1.80	070	23.60	2.65
072	25.00	1.80	073	25.00	2.65
075	25.80	1.80	076	25.80	2.65
078	26.50	1.80	079	26.50	2.65
081	28.00	1.80	082	28.00	2.65

中国标准 (C92 Chinese Standard)

NO.	I.D/内径	C/S/线径	NO.	I.D/内径	C/S/线径
273	170.00	2.65	196	82.50	3.55
280	180.00	2.65	199	85.00	3.55
056	18.00	3.55	201	87.50	3.55
059	19.00	3.55	204	90.00	3.55
062	20.00	3.55	206	92.50	3.55
065	21.20	3.55	209	95.00	3.55
068	22.40	3.55	211	97.50	3.55
071	23.60	3.55	214	100.00	3.55
074	25.00	3.55	216	103.00	3.55
077	25.80	3.55	219	106.00	3.55
080	26.50	3.55	221	109.00	3.55
083	28.00	3.55	225	112.00	3.55
086	30.00	3.55	228	115.00	3.55
089	31.50	3.55	232	118.00	3.55
092	32.50	3.55	235	122.00	3.55
095	33.50	3.55	239	125.00	3.55
098	34.50	3.55	242	128.00	3.55
101	35.50	3.55	246	132.00	3.55
104	36.50	3.55	249	136.00	3.55
107	37.50	3.55	253	140.00	3.55
110	38.70	3.55	256	145.00	3.55
113	40.00	3.55	260	150.00	3.55
117	41.20	3.55	263	155.00	3.55
121	42.50	3.55	267	160.00	3.55
125	43.70	3.55	270	165.00	3.55
129	45.00	3.55	274	170.00	3.55
133	46.20	3.55	277	175.00	3.55
137	47.50	3.55	281	180.00	3.55
141	48.70	3.55	284	185.00	3.55
145	50.00	3.55	287	190.00	3.55
148	51.50	3.55	290	195.00	3.55
151	53.00	3.55	293	200.00	3.55
154	54.50	3.55	114	40.00	5.30
157	56.00	3.55	118	41.20	5.30
160	58.00	3.55	122	42.50	5.30
163	60.00	3.55	126	43.70	5.30
166	61.50	3.55	130	45.00	5.30
169	63.00	3.55	134	46.20	5.30
173	65.00	3.55	138	47.50	5.30
176	67.00	3.55	142	48.70	5.30
179	69.00	3.55	146	50.00	5.30
182	71.00	3.55	149	51.50	5.30
185	73.00	3.55	152	53.00	5.30
189	75.00	3.55	155	54.50	5.30
191	77.50	3.55	158	56.00	5.30
194	80.00	3.55	161	58.00	5.30
			164	60.00	5.30
			167	61.50	5.30
			170	63.00	5.30
			174	65.00	5.30
			177	67.00	5.30
			180	69.00	5.30
			183	71.00	5.30
			186	73.00	5.30
			190	75.00	5.30
			192	77.50	5.30
			195	80.00	5.30
			197	82.50	5.30
			200	85.00	5.30
			202	87.50	5.30
			205	90.00	5.30
			207	92.50	5.30
			210	95.00	5.30
			212	97.50	5.30
			215	100.00	5.30
			217	103.00	5.30
			220	106.00	5.30
			222	109.00	5.30
			226	112.00	5.30
			229	115.00	5.30
			233	118.00	5.30
			236	122.00	5.30
			240	125.00	5.30
			243	128.00	5.30
			247	132.00	5.30
			250	136.00	5.30
			254	140.00	5.30
			257	145.00	5.30
			261	150.00	5.30
			264	155.00	5.30
			268	160.00	5.30
			271	165.00	5.30
			275	170.00	5.30
			278	175.00	5.30
			282	180.00	5.30
			285	185.00	5.30
			288	190.00	5.30
			291	195.00	5.30
			294	200.00	5.30
			297	212.00	5.30
			300	224.00	5.30
			303	236.00	5.30

中国标准 (C92 Chinese Standard)

NO.	I.D/内径	C/S/线径
306	250.00	5.30
309	265.00	5.30
312	280.00	5.30
315	300.00	5.30
318	315.00	5.30
321	335.00	5.30
324	355.00	5.30
327	400.00	5.30
223	109.00	7.00
227	112.00	7.00
230	115.00	7.00
234	118.00	7.00
237	122.00	7.00
241	125.00	7.00
244	128.00	7.00
248	132.00	7.00
251	136.00	7.00
255	140.00	7.00
258	145.00	7.00
262	150.00	7.00
265	155.00	7.00
269	160.00	7.00
272	165.00	7.00
276	170.00	7.00
279	175.00	7.00
283	180.00	7.00
286	185.00	7.00
289	190.00	7.00
292	195.00	7.00
295	200.00	7.00
296	206.00	7.00
298	212.00	7.00
299	218.00	7.00
301	224.00	7.00
302	230.00	7.00
304	236.00	7.00
305	243.00	7.00
307	250.00	7.00
308	258.00	7.00
310	265.00	7.00
311	272.00	7.00
313	280.00	7.00
314	290.00	7.00
316	300.00	7.00
317	307.00	7.00
319	315.00	7.00

NO.	I.D/内径	C/S/线径
320	325.00	7.00
322	335.00	7.00
323	345.00	7.00
325	355.00	7.00
326	365.00	7.00
328	400.00	7.00
329	412.00	7.00
330	425.00	7.00
331	437.00	7.00
332	450.00	7.00
333	462.00	7.00
334	475.00	7.00
335	487.00	7.00
336	500.00	7.00

美标 (AS568 American standard)

P/N	I.D/内径	C/S/线径
AS568-001	0.74	1.02
AS568-002	1.07	1.27
AS568-003	1.42	1.52
AS568-004	1.78	1.78
AS568-005	2.57	1.78
AS568-006	2.90	1.78
AS568-007	3.68	1.78
AS568-008	4.47	1.78
AS568-009	5.28	1.78
AS568-010	6.07	1.78
AS568-011	7.65	1.78
AS568-012	9.25	1.78
AS568-013	10.82	1.78
AS568-014	12.42	1.78
AS568-015	14.00	1.78
AS568-016	15.60	1.78
AS568-017	17.17	1.78
AS568-018	18.77	1.78
AS568-019	20.35	1.78
AS568-020	21.95	1.78
AS568-021	23.52	1.78
AS568-022	25.12	1.78
AS568-023	26.70	1.78
AS568-024	28.30	1.78
AS568-025	29.87	1.78
AS568-026	31.47	1.78
AS568-027	33.05	1.78
AS568-028	34.65	1.78

美标 (AS568 American standard)

P/N	I.D/内径	C/S/线径
AS568-124	31.42	2.62
AS568-125	33.00	2.62
AS568-126	34.60	2.62
AS568-127	36.17	2.62
AS568-128	37.77	2.62
AS568-129	39.35	2.62
AS568-130	40.95	2.62
AS568-131	42.52	2.62
AS568-132	44.12	2.62
AS568-133	45.70	2.62
AS568-134	47.30	2.62
AS568-135	48.90	2.62
AS568-136	50.47	2.62
AS568-137	52.07	2.62
AS568-138	53.64	2.62
AS568-139	55.25	2.62
AS568-140	56.82	2.62
AS568-141	58.42	2.62
AS568-142	59.99	2.62
AS568-143	61.60	2.62
AS568-144	63.17	2.62
AS568-145	64.77	2.62
AS568-146	66.34	2.62
AS568-147	67.95	2.62
AS568-148	69.52	2.62
AS568-149	71.12	2.62
AS568-150	72.70	2.62
AS568-151	75.87	2.62
AS568-152	82.22	2.62
AS568-153	88.57	2.62
AS568-154	94.92	2.62
AS568-155	101.27	2.62
AS568-156	107.62	2.62
AS568-157	113.97	2.62
AS568-158	120.32	2.62
AS568-159	126.67	2.62
AS568-160	133.02	2.62
AS568-161	139.37	2.62
AS568-162	145.72	2.62
AS568-163	152.07	2.62
AS568-164	158.42	2.62
AS568-165	164.77	2.62
AS568-166	171.22	2.62
AS568-167	177.47	2.62
AS568-168	183.82	2.62
AS568-169	190.17	2.62

P/N	I.D/内径	C/S/线径
AS568-170	196.52	2.62
AS568-171	202.87	2.62
AS568-172	209.22	2.62
AS568-173	215.57	2.62
AS568-175	228.27	2.62
AS568-176	234.62	2.62
AS568-177	240.97	2.62
AS568-178	247.32	2.62
AS568-201	4.34	3.53
AS568-202	5.94	3.53
AS568-203	7.52	3.53
AS568-204	9.12	3.53
AS568-205	10.69	3.53
AS568-206	12.29	3.53
AS568-207	13.87	3.53
AS568-208	15.47	3.53
AS568-209	17.04	3.53
AS568-210	18.64	3.53
AS568-211	20.22	3.53
AS568-212	21.82	3.53
AS568-213	23.39	3.53
AS568-214	24.99	3.53
AS568-215	26.57	3.53
AS568-216	28.17	3.53
AS568-217	29.74	3.53
AS568-218	31.34	3.53
AS568-219	32.92	3.53
AS568-220	34.52	3.53
AS568-221	36.09	3.53
AS568-222	37.69	3.53
AS568-223	40.87	3.53
AS568-224	44.04	3.53
AS568-225	47.22	3.53
AS568-226	50.39	3.53
AS568-227	53.57	3.53
AS568-228	56.75	3.53
AS568-229	59.92	3.53
AS568-230	63.09	3.53
AS568-231	66.27	3.53
AS568-232	69.44	3.53
AS568-233	72.62	3.53
AS568-234	75.80	3.53
AS568-235	78.97	3.53
AS568-236	82.14	3.53
AS568-237	85.32	3.53
AS568-238	88.49	3.53

P/N	I.D/内径	C/S/线径
AS568-239	91.67	3.53
AS568-240	94.84	3.53
AS568-241	98.02	3.53
AS568-242	101.20	3.53
AS568-243	104.37	3.53
AS568-244	107.54	3.53
AS568-245	110.72	3.53
AS568-246	113.89	3.53
AS568-247	117.07	3.53
AS568-248	120.25	3.53
AS568-249	123.42	3.53
AS568-250	126.60	3.53
AS568-251	129.77	3.53
AS568-252	132.95	3.53
AS568-253	136.12	3.53
AS568-254	139.30	3.53
AS568-255	142.47	3.53
AS568-256	145.64	3.53
AS568-257	148.82	3.53
AS568-258	151.99	3.53
AS568-259	158.34	3.53
AS568-260	164.70	3.53
AS568-261	171.04	3.53
AS568-262	177.40	3.53
AS568-263	183.74	3.53
AS568-264	190.10	3.53
AS568-265	196.44	3.53
AS568-266	202.80	3.53
AS568-267	209.14	3.53
AS568-268	215.50	3.53
AS568-269	221.84	3.53
AS568-270	228.20	3.53
AS568-271	234.55	3.53
AS568-272	240.90	3.53
AS568-273	247.25	3.53
AS568-274	253.60	3.53
AS568-275	266.29	3.53
AS568-276	278.99	3.53
AS568-277	291.69	3.53
AS568-278	304.39	3.53
AS568-279	329.79	3.53
AS568-280	355.20	3.53
AS568-281	380.59	3.53
AS568-282	405.26	3.53
AS568-283	430.66	3.53
AS568-284	456.06	3.53

美标 (AS568 American standard)

P/N	I.D/内径	C/S/线径	P/N	I.D/内径	C/S/线径	P/N	I.D/内径	C/S/线径
AS568-309	10.46	5.33	AS568-355	132.72	5.33	AS568-436	148.59	6.99
AS568-310	12.07	5.33	AS568-356	135.89	5.33	AS568-437	151.77	6.99
AS568-311	13.64	5.33	AS568-357	139.07	5.33	AS568-438	158.12	6.99
AS568-312	15.24	5.33	AS568-358	142.24	5.33	AS568-439	164.47	6.99
AS568-313	16.81	5.33	AS568-359	145.42	5.33	AS568-440	170.82	6.99
AS568-314	18.42	5.33	AS568-360	148.59	5.33	AS568-441	177.17	6.99
AS568-315	19.99	5.33	AS568-361	151.77	5.33	AS568-442	183.52	6.99
AS568-316	21.59	5.33	AS568-362	158.12	5.33	AS568-443	189.87	6.99
AS568-317	23.16	5.33	AS568-363	164.47	5.33	AS568-444	196.22	6.99
AS568-318	24.77	5.33	AS568-364	170.82	5.33	AS568-445	202.57	6.99
AS568-319	26.34	5.33	AS568-365	177.17	5.33	AS568-446	215.27	6.99
AS568-320	27.94	5.33	AS568-366	183.52	5.33	AS568-447	227.97	6.99
AS568-321	29.51	5.33	AS568-367	189.87	5.33	AS568-448	240.67	6.99
AS568-322	31.12	5.33	AS568-368	196.22	5.33	AS568-449	253.37	6.99
AS568-323	32.69	5.33	AS568-369	202.57	5.33	AS568-450	266.06	6.99
AS568-324	34.29	5.33	AS568-370	208.92	5.33	AS568-451	278.77	6.99
AS568-325	37.47	5.33	AS568-371	215.27	5.33	AS568-452	291.47	6.99
AS568-326	40.64	5.33	AS568-372	221.62	5.33	AS568-453	304.17	6.99
AS568-327	43.82	5.33	AS568-373	227.97	5.33	AS568-454	316.87	6.99
AS568-328	46.99	5.33	AS568-374	234.32	5.33	AS568-455	329.57	6.99
AS568-329	50.17	5.33	AS568-375	240.67	5.33	AS568-456	342.27	6.99
AS568-330	53.34	5.33	AS568-376	247.02	5.33	AS568-457	354.97	6.99
AS568-331	56.52	5.33	AS568-377	253.37	5.33	AS568-458	367.67	6.99
AS568-332	59.69	5.33	AS568-378	266.07	5.33	AS568-459	380.37	6.99
AS568-333	62.87	5.33	AS568-379	278.77	5.33	AS568-460	393.07	6.99
AS568-334	66.04	5.33	AS568-380	291.47	5.33	AS568-461	405.26	6.99
AS568-335	69.22	5.33	AS568-381	304.17	5.33	AS568-462	417.96	6.99
AS568-336	72.39	5.33	AS568-382	329.57	5.33	AS568-463	430.66	6.99
AS568-337	75.57	5.33	AS568-383	354.97	5.33	AS568-464	443.36	6.99
AS568-338	78.74	5.33	AS568-384	380.37	5.33	AS568-465	456.06	6.99
AS568-339	81.92	5.33	AS568-385	405.26	5.33	AS568-466	468.76	6.99
AS568-340	85.09	5.33	AS568-386	430.66	5.33	AS568-467	481.46	6.99
AS568-341	88.27	5.33	AS568-387	456.06	5.33	AS568-468	494.16	6.99
AS568-342	91.44	5.33	AS568-408	59.69	6.99			
AS568-343	94.62	5.33	AS568-423	107.32	6.99			
AS568-344	97.79	5.33	AS568-425	113.67	6.99			
AS568-345	100.97	5.33	AS568-426	116.84	6.99			
AS568-346	104.14	5.33	AS568-427	120.02	6.99			
AS568-347	107.32	5.33	AS568-428	123.19	6.99			
AS568-348	110.49	5.33	AS568-429	126.37	6.99			
AS568-349	113.67	5.33	AS568-430	129.54	6.99			
AS568-350	116.84	5.33	AS568-431	132.72	6.99			
AS568-351	120.02	5.33	AS568-432	135.89	6.99			
AS568-352	123.19	5.33	AS568-433	139.07	6.99			
AS568-353	126.37	5.33	AS568-434	142.24	6.99			
AS568-354	129.54	5.33	AS568-435	145.42	6.99			

日标 (JISB2401 P,G Japanese standard)

日标序号	I.D/内径	C/S/线径	日标序号	I.D/内径	C/S/线径	日标序号	I.D/内径	C/S/线径
J-P3	2.80	1.90	J-P22.4	22.10	3.50	J-P100	99.60	5.70
J-P4	3.80	1.90	J-P24	23.70	3.50	J-P102	101.60	5.70
J-P5	4.80	1.90	J-P25	24.70	3.50	J-P105	104.60	5.70
J-P6	5.80	1.90	J-P25.5	25.20	3.50	J-P110	109.60	5.70
J-P7	6.80	1.90	J-P26	25.70	3.50	J-P112	111.60	5.70
J-P8	7.80	1.90	J-P28	27.70	3.50	J-P115	114.60	5.70
J-P9	8.80	1.90	J-P29	28.70	3.50	J-P120	119.60	5.70
J-P10	9.80	1.90	J-P29.5	29.20	3.50	J-P125	124.60	5.70
J-P10A	9.80	2.40	J-P30	29.70	3.50	J-P130	129.60	5.70
J-P11	10.80	2.40	J-P31	30.70	3.50	J-P132	131.60	5.70
J-P11.2	11.00	2.40	J-P31.5	31.20	3.50	J-P135	134.60	5.70
J-P12	11.80	2.40	J-P32	31.70	3.50	J-P140	139.60	5.70
J-P12.5	12.30	2.40	J-P34	33.70	3.50	J-P145	144.60	5.70
J-P14	13.80	2.40	J-P35	34.70	3.50	J-G150	149.30	5.70
J-P15	14.80	2.40	J-P35.5	35.20	3.50	J-150	149.60	5.70
J-P16	15.80	2.40	J-P36	35.70	3.50	J-G155	154.30	5.70
J-P18	17.80	2.40	J-P38	37.70	3.50	J-G160	159.30	5.70
J-P20	19.80	2.40	J-P39	38.70	3.50	J-G165	164.30	5.70
J-P21	20.80	2.40	J-P40	39.70	3.50	J-G170	169.30	5.70
J-P22	21.80	2.40	J-P41	40.70	3.50	J-G175	174.30	5.70
J-G25	24.40	3.10	J-P42	41.70	3.50	J-G180	179.30	5.70
J-G30	29.40	3.10	J-P44	43.70	3.50	J-G185	184.30	5.70
J-G35	34.40	3.10	J-P45	44.70	3.50	J-G190	189.30	5.70
J-G40	39.40	3.10	J-P46	45.70	3.50	J-G195	194.30	5.70
J-G45	44.40	3.10	J-P48	47.70	3.50	J-G200	199.30	5.70
J-G50	49.40	3.10	J-P49	48.70	3.50	J-G210	209.30	5.70
J-G55	54.40	3.10	J-P50	49.70	3.50	J-G220	219.30	5.70
J-G60	59.40	3.10	J-P48A	47.60	5.70	J-G230	229.30	5.70
J-G65	64.40	3.10	J-P50A	49.60	5.70	J-G240	239.30	5.70
J-G70	69.40	3.10	J-P52	51.60	5.70	J-G250	249.30	5.70
J-G75	74.40	3.10	J-P53	52.60	5.70	J-G260	259.30	5.70
J-G80	79.40	3.10	J-P55	54.60	5.70	J-G270	269.30	5.70
J-G85	84.40	3.10	J-P56	55.60	5.70	J-G280	279.30	5.70
J-G90	89.40	3.10	J-P58	57.60	5.70	J-G290	289.30	5.70
J-G95	94.40	3.10	J-P60	59.60	5.70	J-G300	299.30	5.70
J-G100	99.40	3.10	J-P62	61.60	5.70	J-P150A	149.50	8.40
J-G105	104.40	3.10	J-P63	62.60	5.70	J-P155	154.50	8.40
J-G110	109.40	3.10	J-P65	64.60	5.70	J-P160	159.50	8.40
J-G115	114.40	3.10	J-P67	66.60	5.70	J-P165	164.50	8.40
J-G120	119.40	3.10	J-P70	69.60	5.70	J-P170	169.50	8.40
J-G125	124.40	3.10	J-P71	70.60	5.70	J-P175	174.50	8.40
J-G130	129.40	3.10	J-P75	74.60	5.70	J-P180	179.50	8.40
J-G135	134.40	3.10	J-P80	79.60	5.70	J-P185	184.50	8.40
J-G140	139.40	3.10	J-P85	84.60	5.70	J-P190	189.50	8.40
J-G145	144.40	3.10	J-P90	89.60	5.70	J-P195	194.50	8.40
J-P22A	21.70	3.50	J-P95	94.60	5.70	J-P200	199.50	8.40

日标 (JISB2401 P,G Japanese standard)

日标序号	I.D/内径	C/S/线径	HL序号	I.D/内径	C/S/线径
J-P205	204.50	8.40	HL013	5.00	1.00
J-P209	208.50	8.40	HL014	5.00	1.00
J-P210	209.50	8.40	HL015	5.50	1.00
J-P215	214.50	8.40	HL016	6.00	1.00
J-P220	219.50	8.40	HL017	6.50	1.00
J-P225	224.50	8.40	HL018	7.00	1.00
J-P230	229.50	8.40	HL019	7.50	1.00
J-P235	234.50	8.40	HL020	8.00	1.00
J-P240	239.50	8.40	HL021	9.00	1.00
J-P245	244.50	8.40	HL022	9.50	1.00
J-P250	249.50	8.40	HL023	10.00	1.00
J-P255	254.50	8.40	HL024	10.50	1.00
J-P260	259.50	8.40	HL025	10.60	1.00
J-P265	264.50	8.40	HL026	11.00	1.00
J-P270	269.50	8.40	HL027	12.00	1.00
J-P275	274.50	8.40	HL028	13.00	1.00
J-P280	279.50	8.40	HL030	13.50	1.00
J-P285	284.50	8.40	HL031	14.00	1.00
J-P290	289.50	8.40	HL032	14.50	1.00
J-P295	294.50	8.40	HL033	16.00	1.00
J-P300	299.50	8.40	HL034	17.00	1.00
J-P315	314.50	8.40	HL035	18.00	1.00
J-P320	319.50	8.40	HL036	20.00	1.00
J-P335	334.50	8.40	HL037	23.00	1.00
J-P340	339.50	8.40	HL038	25.00	1.00
J-P355	354.50	8.40	HL039	27.00	1.00
J-P360	359.50	8.40	HL040	30.00	1.00
J-P375	374.50	8.40	HL041	31.00	1.00
J-P385	384.50	8.40	HL042	34.00	1.00
J-P400	399.50	8.40	HL043	38.00	1.00

欢凌标准 (HL-Standard)

HL序号	I.D/内径	C/S/线径
HL001	1.20	1.00
HL002	1.50	1.00
HL003	1.80	1.00
HL004	2.00	1.00
HL005	2.20	1.00
HL006	2.50	1.00
HL007	3.00	1.00
HL008	3.20	1.00
HL009	3.50	1.00
HL010	4.00	1.00
HL011	4.50	1.00
HL012	4.80	1.00

欢凌标准 (HL-Standard)

HL序号	I.D/内径	C/S/线径	HL序号	I.D/内径	C/S/线径	HL序号	I.D/内径	C/S/线径
HL112	18.00	1.50	HL163	1.20	1.90	HL209	81.20	1.90
HL113	19.00	1.50	HL164	2.20	1.90	HL210	96.20	1.90
HL114	19.50	1.50	HL165	2.70	1.90	HL211	116.20	1.90
HL115	20.00	1.50	HL166	3.20	1.90	HL212	120.00	1.90
HL116	21.00	1.50	HL167	3.70	1.90	HL213	2.00	2.00
HL117	22.00	1.50	HL168	4.20	1.90	HL214	2.30	2.00
HL118	26.00	1.50	HL169	4.40	1.90	HL215	2.50	2.00
HL119	27.00	1.50	HL170	5.00	1.90	HL216	2.80	2.00
HL120	29.00	1.50	HL171	5.20	1.90	HL217	4.00	2.00
HL121	30.00	1.50	HL172	5.50	1.90	HL219	4.60	2.00
HL122	31.00	1.50	HL173	5.70	1.90	HL220	5.00	2.00
HL123	35.00	1.50	HL174	6.20	1.90	HL221	6.00	2.00
HL124	38.50	1.50	HL175	6.40	1.90	HL222	6.50	2.00
HL125	40.00	1.50	HL176	7.20	1.90	HL223	6.70	2.00
HL126	43.00	1.50	HL177	8.20	1.90	HL224	7.00	2.00
HL127	45.00	1.50	HL178	9.20	1.90	HL225	7.60	2.00
HL128	47.50	1.50	HL179	10.20	1.90	HL226	8.00	2.00
HL129	51.00	1.50	HL180	10.50	1.90	HL227	8.50	2.00
HL130	52.00	1.50	HL181	11.20	1.90	HL229	9.00	2.00
HL131	53.00	1.50	HL182	12.20	1.90	HL230	9.50	2.00
HL133	53.80	1.50	HL183	13.20	1.90	HL231	10.00	2.00
HL134	55.00	1.50	HL184	13.50	1.90	HL232	10.50	2.00
HL135	63.00	1.50	HL185	14.00	1.90	HL233	11.00	2.00
HL136	72.00	1.50	HL186	14.20	1.90	HL234	11.50	2.00
HL137	80.50	1.50	HL187	15.20	1.90	HL235	12.00	2.00
HL140	136.00	1.50	HL188	16.20	1.90	HL236	12.50	2.00
HL141	177.00	1.50	HL189	17.20	1.90	HL237	13.00	2.00
HL142	179.00	1.50	HL190	18.20	1.90	HL238	14.00	2.00
HL143	182.00	1.50	HL191	18.80	1.90	HL239	15.00	2.00
HL145	292.00	1.50	HL192	19.20	1.90	HL240	16.00	2.00
HL146	327.00	1.50	HL193	20.20	1.90	HL241	17.00	2.00
HL147	350.00	1.50	HL194	21.20	1.90	HL242	17.40	2.00
HL148	2.20	1.60	HL195	22.20	1.90	HL243	18.00	2.00
HL149	2.60	1.60	HL196	23.00	1.90	HL244	18.50	2.00
HL150	2.80	1.60	HL197	23.20	1.90	HL245	18.60	2.00
HL151	2.80	1.60	HL198	27.20	1.90	HL246	19.00	2.00
HL152	3.20	1.60	HL199	28.20	1.90	HL247	20.00	2.00
HL153	4.00	1.60	HL200	36.20	1.90	HL248	21.00	2.00
HL154	4.00	1.60	HL201	42.20	1.90	HL249	22.50	2.00
HL155	6.80	1.60	HL202	46.20	1.90	HL250	24.00	2.00
HL156	7.10	1.60	HL203	51.20	1.90	HL251	24.80	2.00
HL157	7.80	1.60	HL204	54.00	1.90	HL252	26.00	2.00
HL158	8.10	1.60	HL205	54.20	1.90	HL253	26.50	2.00
HL159	10.80	1.60	HL206	59.20	1.90	HL254	27.00	2.00
HL160	13.00	1.60	HL207	66.20	1.90	HL255	27.50	2.00
HL162	18.00	1.60	HL208	76.20	1.90	HL256	29.00	2.00

欢凌标准（HL-Standard）

HL序号	I.D/内径	C/S/线径	HL序号	I.D/内径	C/S/线径	HL序号	I.D/内径	C/S/线径
HL257	30.00	2.00	HL303	175.30	2.00	HL349	45.20	2.40
HL258	31.00	2.00	HL304	180.00	2.00	HL350	53.20	2.40
HL259	32.00	2.00	HL305	200.00	2.00	HL351	55.20	2.40
HL260	33.00	2.00	HL306	220.00	2.00	HL352	60.20	2.40
HL261	33.50	2.00	HL307	250.00	2.00	HL353	75.20	2.40
HL262	34.00	2.00	HL308	306.00	2.00	HL354	77.20	2.40
HL263	35.00	2.00	HL309	309.00	2.00	HL355	90.20	2.40
HL264	36.00	2.00	HL310	397.00	2.00	HL356	92.20	2.40
HL265	37.00	2.00	HL311	3.20	2.40	HL357	95.00	2.40
HL266	38.00	2.00	HL312	3.70	2.40	HL358	95.20	2.40
HL267	38.50	2.00	HL313	4.20	2.40	HL359	97.00	2.40
HL268	40.00	2.00	HL314	5.20	2.40	HL360	100.20	2.40
HL269	43.00	2.00	HL315	5.50	2.40	HL361	115.20	2.40
HL270	44.00	2.00	HL316	6.20	2.40	HL362	135.20	2.40
HL271	46.00	2.00	HL317	7.20	2.40	HL363	155.20	2.40
HL272	48.00	2.00	HL318	8.20	2.40	HL364	175.20	2.40
HL273	50.00	2.00	HL319	9.20	2.40	HL365	195.20	2.40
HL274	52.00	2.00	HL320	10.20	2.40	HL366	3.00	2.50
HL275	54.00	2.00	HL321	11.20	2.40	HL367	5.00	2.50
HL276	56.50	2.00	HL322	12.40	2.40	HL368	6.00	2.50
HL277	58.00	2.00	HL323	13.20	2.40	HL369	7.00	2.50
HL278	60.00	2.00	HL324	14.20	2.40	HL370	7.50	2.50
HL279	67.70	2.00	HL325	15.20	2.40	HL371	8.00	2.50
HL280	68.00	2.00	HL326	16.20	2.40	HL372	9.00	2.50
HL281	70.80	2.00	HL327	17.20	2.40	HL373	9.50	2.50
HL282	71.00	2.00	HL328	18.20	2.40	HL374	10.00	2.50
HL283	72.00	2.00	HL329	19.20	2.40	HL375	10.50	2.50
HL284	72.60	2.00	HL330	20.20	2.40	HL376	11.00	2.50
HL285	73.00	2.00	HL331	21.20	2.40	HL377	11.50	2.50
HL286	78.00	2.00	HL332	22.20	2.40	HL378	12.00	2.50
HL287	81.00	2.00	HL333	23.20	2.40	HL379	12.70	2.50
HL288	82.00	2.00	HL334	23.60	2.40	HL380	14.00	2.50
HL289	85.00	2.00	HL335	24.20	2.40	HL381	15.00	2.50
HL290	86.00	2.00	HL336	25.00	2.40	HL382	16.30	2.50
HL291	90.00	2.00	HL337	25.20	2.40	HL383	18.00	2.50
HL292	93.00	2.00	HL338	26.20	2.40	HL384	18.40	2.50
HL293	97.00	2.00	HL339	27.40	2.40	HL385	19.00	2.50
HL294	98.00	2.00	HL340	28.20	2.40	HL386	20.00	2.50
HL295	105.00	2.00	HL341	29.20	2.40	HL387	21.00	2.50
HL296	110.00	2.00	HL342	30.20	2.40	HL388	22.00	2.50
HL297	119.50	2.00	HL343	31.20	2.40	HL389	23.00	2.50
HL298	125.00	2.00	HL344	32.20	2.40	HL390	24.00	2.50
HL299	128.00	2.00	HL345	33.20	2.40	HL391	26.00	2.50
HL300	140.00	2.00	HL346	36.50	2.40	HL392	27.00	2.50
HL301	143.00	2.00	HL347	37.20	2.40	HL393	28.00	2.50
HL302	170.00	2.00	HL348	40.20	2.40	HL394	28.40	2.50

欢凌标准（HL-Standard）

HL序号	I.D/内径	C/S/线径	HL序号	I.D/内径	C/S/线径	HL序号	I.D/内径	C/S/线径
HL395	30.00	2.50	HL443	22.50	3.00	HL489	128.00	3.00
HL396	31.00	2.50	HL444	23.00	3.00	HL490	130.00	3.00
HL397	32.00	2.50	HL445	24.00	3.00	HL491	134.50	3.00
HL398	35.00	2.50	HL446	24.20	3.00	HL492	150.00	3.00
HL399	38.00	2.50	HL447	24.50	3.00	HL493	153.00	3.00
HL400	40.00	2.50	HL448	25.00	3.00	HL494	156.00	3.00
HL401	42.00	2.50	HL449	25.80	3.00	HL495	160.00	3.00
HL402	43.00	2.50	HL450	26.50	3.00	HL496	161.00	3.00
HL403	45.00	2.50	HL451	27.00	3.00	HL497	163.00	3.00
HL404	47.00	2.50	HL452	28.00	3.00	HL498	182.00	3.00
HL405	50.00	2.50	HL453	29.00	3.00	HL499	185.00	3.00
HL406	51.00	2.50	HL454	30.00	3.00	HL500	194.50	3.00
HL407	58.00	2.50	HL455	32.00	3.00	HL501	197.82	3.00
HL408	60.00	2.50	HL456	33.00	3.00	HL502	205.00	3.00
HL409	63.40	2.50	HL457	34.20	3.00	HL503	239.10	3.00
HL410	64.00	2.50	HL458	37.47	3.00	HL504	265.00	3.00
HL411	75.00	2.50	HL459	38.00	3.00	HL505	282.00	3.00
HL413	76.00	2.50	HL460	39.00	3.00	HL506	330.00	3.00
HL414	83.00	2.50	HL461	39.20	3.00	HL507	350.00	3.00
HL415	89.00	2.50	HL462	40.00	3.00	HL508	360.00	3.00
HL416	96.00	2.50	HL463	42.00	3.00	HL509	380.00	3.00
HL417	99.00	2.50	HL464	44.00	3.00	HL510	392.50	3.00
HL418	104.00	2.50	HL465	45.00	3.00	HL511	400.00	3.00
HL420	120.00	2.50	HL466	47.00	3.00	HL512	430.00	3.00
HL421	128.00	2.50	HL467	48.00	3.00	HL513	5.80	3.10
HL422	138.52	2.50	HL468	50.00	3.00	HL514	6.80	3.10
HL423	167.00	2.50	HL469	52.00	3.00	HL515	7.80	3.10
HL424	180.00	2.50	HL470	54.50	3.00	HL516	8.80	3.10
HL425	320.00	2.50	HL471	56.00	3.00	HL517	9.80	3.10
HL426	5.00	3.00	HL472	57.00	3.00	HL518	10.00	3.10
HL427	6.00	3.00	HL473	59.50	3.00	HL519	10.80	3.10
HL428	8.00	3.00	HL474	60.00	3.00	HL520	11.80	3.10
HL429	8.70	3.00	HL475	61.00	3.00	HL521	12.80	3.10
HL430	9.00	3.00	HL476	65.00	3.00	HL522	13.80	3.10
HL431	11.00	3.00	HL477	67.00	3.00	HL523	14.80	3.10
HL432	12.94	3.00	HL478	70.00	3.00	HL524	15.80	3.10
HL433	14.00	3.00	HL479	75.00	3.00	HL525	16.80	3.10
HL434	15.50	3.00	HL480	76.00	3.00	HL526	17.80	3.10
HL435	16.00	3.00	HL481	80.00	3.00	HL527	18.80	3.10
HL436	16.50	3.00	HL482	85.00	3.00	HL528	19.00	3.10
HL437	19.00	3.00	HL483	98.00	3.00	HL529	19.80	3.10
HL438	19.20	3.00	HL484	99.50	3.00	HL530	20.80	3.10
HL439	20.00	3.00	HL485	100.00	3.00	HL531	21.80	3.10
HL440	20.50	3.00	HL486	101.00	3.00	HL532	22.80	3.10
HL441	21.00	3.00	HL487	105.00	3.00	HL533	23.80	3.10
HL442	22.00	3.00	HL488	115.00	3.00	HL534	24.80	3.10

欢凌标准（HL-Standard）

HL序号	I.D/内径	C/S/线径	HL序号	I.D/内径	C/S/线径	HL序号	I.D/内径	C/S/线径
HL535	25.80	3.10	HL581	148.80	3.10	HL628	48.00	3.50
HL536	26.80	3.10	HL582	153.80	3.10	HL629	49.00	3.50
HL537	27.00	3.10	HL583	156.80	3.10	HL630	51.00	3.50
HL538	27.80	3.10	HL584	158.80	3.10	HL631	51.00	3.50
HL539	28.80	3.10	HL585	173.80	3.10	HL632	53.00	3.50
HL540	29.80	3.10	HL586	198.80	3.10	HL633	56.00	3.50
HL541	30.80	3.10	HL588	203.80	3.10	HL634	58.00	3.50
HL542	33.80	3.10	HL589	207.80	3.10	HL635	59.00	3.50
HL543	34.80	3.10	HL590	246.80	3.10	HL636	63.00	3.50
HL544	35.80	3.10	HL591	249.30	3.10	HL637	64.00	3.50
HL545	37.80	3.10	HL592	294.80	3.10	HL638	68.00	3.50
HL546	38.80	3.10	HL593	8.00	3.50	HL639	69.00	3.50
HL547	39.80	3.10	HL594	9.00	3.50	HL640	73.00	3.50
HL548	41.00	3.10	HL595	10.00	3.50	HL642	75.00	3.50
HL549	41.80	3.10	HL596	11.00	3.50	HL643	77.00	3.50
HL550	43.80	3.10	HL597	12.00	3.50	HL644	78.00	3.50
HL551	45.00	3.10	HL598	13.00	3.50	HL645	79.50	3.50
HL552	45.80	3.10	HL599	15.00	3.50	HL646	83.00	3.50
HL553	46.80	3.10	HL600	16.00	3.50	HL647	88.00	3.50
HL554	48.80	3.10	HL601	16.00	3.50	HL648	93.00	3.50
HL555	51.80	3.10	HL602	17.00	3.50	HL649	98.00	3.50
HL556	53.80	3.10	HL603	17.50	3.50	HL650	103.00	3.50
HL557	56.80	3.10	HL604	18.00	3.50	HL651	123.00	3.50
HL558	58.80	3.10	HL605	19.00	3.50	HL652	133.00	3.50
HL559	61.80	3.10	HL606	19.50	3.50	HL653	143.00	3.50
HL560	63.00	3.10	HL607	20.00	3.50	HL654	158.00	3.50
HL561	63.80	3.10	HL608	21.00	3.50	HL655	163.00	3.50
HL562	65.80	3.10	HL609	22.00	3.50	HL656	168.00	3.50
HL563	68.80	3.10	HL610	22.40	3.50	HL657	180.00	3.50
HL564	73.80	3.10	HL611	23.00	3.50	HL658	188.00	3.50
HL565	78.80	3.10	HL612	24.00	3.50	HL659	193.00	3.50
HL566	81.00	3.10	HL613	24.30	3.50	HL660	195.00	3.50
HL567	83.80	3.10	HL614	25.00	3.50	HL661	218.00	3.50
HL568	88.80	3.10	HL615	26.00	3.50	HL662	318.00	3.50
HL569	93.80	3.10	HL616	27.00	3.50	HL663	343.00	3.50
HL570	98.80	3.10	HL617	29.20	3.50	HL664	435.00	3.50
HL571	103.80	3.10	HL618	31.00	3.50	HL665	9.00	4.00
HL572	108.80	3.10	HL619	34.00	3.50	HL666	12.00	4.00
HL573	113.80	3.10	HL620	35.00	3.50	HL667	13.00	4.00
HL574	118.80	3.10	HL621	37.00	3.50	HL668	14.00	4.00
HL575	123.80	3.10	HL622	38.00	3.50	HL669	20.00	4.00
HL576	128.80	3.10	HL623	41.00	3.50	HL670	22.00	4.00
HL577	133.80	3.10	HL624	42.00	3.50	HL671	24.00	4.00
HL578	138.80	3.10	HL625	43.00	3.50	HL672	25.60	4.00
HL579	140.00	3.10	HL626	46.00	3.50	HL673	28.00	4.00
HL580	143.80	3.10	HL627	47.00	3.50	HL674	31.50	4.00

欢凌标准（HL-Standard）

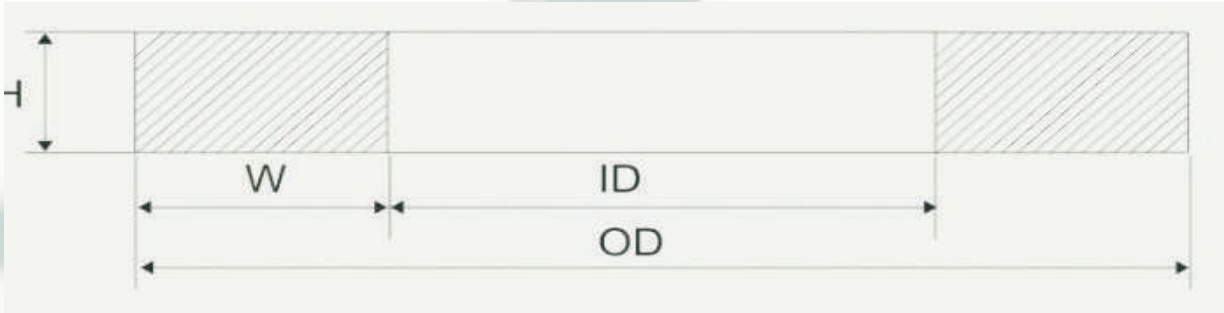
HL序号	I.D/内径	C/S/线径	HL序号	I.D/内径	C/S/线径	HL序号	I.D/内径	C/S/线径
HL675	32.20	4.00	HL721	180.00	4.00	HL767	88.00	5.00
HL676	34.00	4.00	HL722	200.00	4.00	HL768	90.00	5.00
HL677	35.00	4.00	HL723	204.00	4.00	HL769	95.00	5.00
HL678	36.00	4.00	HL724	235.00	4.00	HL770	100.00	5.00
HL679	37.00	4.00	HL725	252.00	4.00	HL771	105.00	5.00
HL680	38.00	4.00	HL726	257.00	4.00	HL772	110.00	5.00
HL681	42.00	4.00	HL727	260.00	4.00	HL773	115.00	5.00
HL682	43.00	4.00	HL728	265.00	4.00	HL774	117.00	5.00
HL683	44.00	4.00	HL729	280.00	4.00	HL775	120.00	5.00
HL684	45.00	4.00	HL730	290.00	4.00	HL776	130.00	5.00
HL685	47.00	4.00	HL731	315.00	4.00	HL777	135.00	5.00
HL686	50.00	4.00	HL732	318.00	4.00	HL778	140.00	5.00
HL687	52.00	4.00	HL733	335.00	4.00	HL779	150.00	5.00
HL688	52.30	4.00	HL734	337.00	4.00	HL780	157.00	5.00
HL689	58.00	4.00	HL735	355.00	4.00	HL781	158.00	5.00
HL690	59.00	4.00	HL736	372.00	4.00	HL782	160.00	5.00
HL691	60.00	4.00	HL737	380.00	4.00	HL783	170.00	5.00
HL692	62.00	4.00	HL738	392.00	4.00	HL784	173.00	5.00
HL693	67.00	4.00	HL739	400.00	4.00	HL785	180.00	5.00
HL694	69.00	4.00	HL740	410.00	4.00	HL786	217.00	5.00
HL695	70.00	4.00	HL741	10.00	5.00	HL787	220.00	5.00
HL696	72.00	4.00	HL742	11.00	5.00	HL788	240.00	5.00
HL697	75.00	4.00	HL743	12.00	5.00	HL789	270.00	5.00
HL698	75.20	4.00	HL744	20.00	5.00	HL790	320.00	5.00
HL699	77.00	4.00	HL745	28.00	5.00	HL791	390.00	5.00
HL700	81.00	4.00	HL746	30.00	5.00	HL792	400.00	5.00
HL701	82.00	4.00	HL747	32.00	5.00	HL793	470.00	5.00
HL702	92.00	4.00	HL748	33.00	5.00	HL794	37.60	5.70
HL703	98.50	4.00	HL749	35.00	5.00	HL795	38.60	5.70
HL704	100.00	4.00	HL750	38.00	5.00	HL796	47.60	5.70
HL705	102.00	4.00	HL751	40.00	5.00	HL797	48.60	5.70
HL706	107.00	4.00	HL752	40.30	5.00	HL798	54.60	5.70
HL707	112.00	4.00	HL753	44.00	5.00	HL799	57.60	5.70
HL708	117.00	4.00	HL754	45.00	5.00	HL800	64.60	5.70
HL709	120.00	4.00	HL755	50.00	5.00	HL801	68.60	5.70
HL710	122.00	4.00	HL756	54.00	5.00	HL802	70.60	5.70
HL711	124.00	4.00	HL757	55.00	5.00	HL803	73.60	5.70
HL712	125.00	4.00	HL758	58.00	5.00	HL804	78.60	5.70
HL713	127.00	4.00	HL759	60.00	5.00	HL805	79.20	5.70
HL714	132.00	4.00	HL760	66.00	5.00	HL806	83.60	5.70
HL715	133.00	4.00	HL761	69.00	5.00	HL807	84.60	5.70
HL716	137.00	4.00	HL762	70.00	5.00	HL808	88.60	5.70
HL717	142.00	4.00	HL763	75.00	5.00	HL809	93.60	5.70
HL718	152.00	4.00	HL764	80.00	5.00	HL810	94.60	5.70
HL719	170.00	4.00	HL765	83.00	5.00	HL811	98.60	5.70
HL720	172.00	4.00	HL766	85.00	5.00	HL812	103.60	5.70

欢凌标准 (HL-Standard)

HL序号	I.D/内径	C/S/线径	HL序号	I.D/内径	C/S/线径	HL序号	I.D/内径	C/S/线径
HL813	105.40	5.70	HL859	473.60	5.70			
HL814	108.60	5.70	HL860	483.60	5.70			
HL815	113.60	5.70	HL861	85.00	6.00			
HL816	114.60	5.70	HL862	128.80	6.00			
HL817	118.60	5.70	HL863	175.00	6.00			
HL818	123.60	5.70	HL864	198.00	6.00			
HL819	124.60	5.70	HL865	370.00	6.00			
HL820	128.60	5.70	HL866	390.00	6.00			
HL821	133.60	5.70	HL867	400.00	6.00			
HL822	134.60	5.70	HL868	420.00	6.00			
HL823	138.60	5.70	HL869	430.00	6.00			
HL824	138.60	5.70	HL870	27.00	8.00			
HL825	143.60	5.70	HL871	76.60	8.00			
HL826	144.30	5.70	HL872	106.00	8.00			
HL827	148.60	5.70	HL873	190.00	8.00			
HL828	149.30	5.70	HL874	228.00	8.00			
HL829	153.60	5.70	HL875	276.00	8.00			
HL830	158.60	5.70	HL876	278.00	8.00			
HL831	163.60	5.70	HL877	290.00	8.00			
HL832	168.60	5.70	HL878	302.00	8.00			
HL833	178.60	5.70	HL879	360.00	8.00			
HL834	188.60	5.70	HL880	364.00	8.00			
HL835	199.30	5.70	HL881	370.00	8.00			
HL836	208.60	5.70	HL882	410.00	8.00			
HL837	218.60	5.70	HL883	448.00	8.00			
HL838	228.60	5.70	HL884	66.00	10.00			
HL839	234.60	5.70	HL885	90.00	10.00			
HL840	238.60	5.70	HL886	102.00	10.00			
HL841	248.60	5.70	HL887	102.00	10.00			
HL842	253.60	5.70	HL888	110.00	10.00			
HL843	258.60	5.70	HL889	146.00	10.00			
HL844	268.60	5.70	HL890	195.00	10.00			
HL845	273.60	5.70	HL891	200.00	10.00			
HL846	278.60	5.70	HL892	230.00	10.00			
HL847	279.30	5.70	HL893	250.00	10.00			
HL848	284.30	5.70	HL894	332.00	10.00			
HL849	288.60	5.70	HL895	385.00	10.00			
HL850	298.60	5.70						
HL851	319.30	5.70						
HL852	324.30	5.70						
HL853	328.60	5.70						
HL854	339.30	5.70						
HL855	348.60	5.70						
HL856	368.60	5.70						
HL857	374.30	5.70						
HL858	418.60	5.70						

具有耐高温性，可在-20℃ - +200℃环境中使用，耐强氧化剂、耐油、耐酸碱。通常用于高温，高真空及高压环境中，也适宜于油类环境。由于具有各种优异的性能，氟橡胶广泛地用于石油、化工、航空、航天等部门。

Rubber washer/Square ring is mainly used for shock absorption application or seal the gap inthe static fluid (For example, water, oil, air, chemicals solvent, chemicals, etc.)



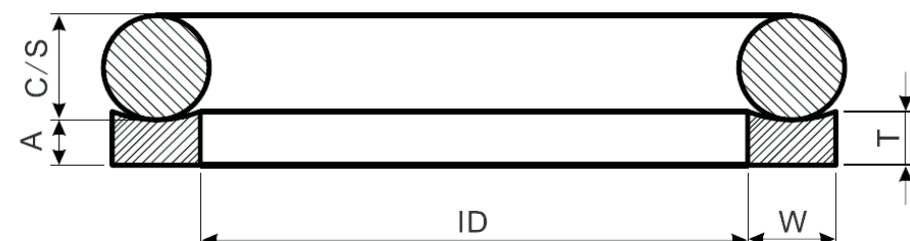
内径 (ID)	公差tolerance ()	线径 (W)	公差tolerance ()
4-14	0.13	0-1.68	0.15
14.01-15.6	0.18	1.69-2.51	0.15
15.61-25.12	0.23	2.52-3.4	0.15
25.13-29.78	0.25	3.41-5.16	0.15
29.79-34.65	0.28	5.17-6.73	0.15
34.66-44.17	0.33	6.74- ...	0.2
44.18-50.52	0.38		
50.53-66.4	0.46		
66.41-75.92	0.51		
75.93-94.97	0.61		
94.98-107.67	0.69		
107.68-126.72	0.76		
126.73-133.07	0.94		
133.08-158.42	0.89		
158.43-183.82	1.02		
183.83-209.22	1.14		
209.23-234.62	1.27		
234.63- ...	...		

厚度thickness (H)	公差tolerance ()
0-1.68	0.18
1.69-2.51	0.1
2.52-3.4	0.1
3.41-5.16	0.1
5.17-6.73	0.1
6.74- ...	0.15

挡圈与O型圈搭配使用，使得密封更加牢固，有保护O型圈 而提高寿命和耐力的作用（橡胶挡圈和聚四氟乙烯挡圈）

back-up ring is usually used with O-ring in order to bear greater pressure. Customer can order according to the size of o-ring for convenience.(Rubber back-up ring & PTFE back-up Ring)

● 橡胶挡圈
Rubber Back-up Ring

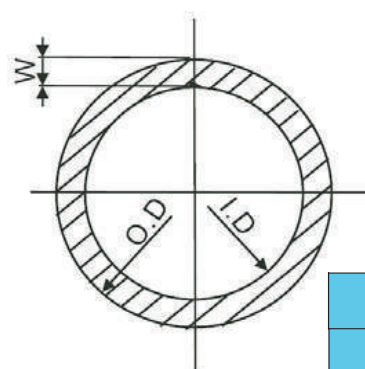


橡胶挡圈,通常情况下采用的材质是NBR90B,本公司常备库存多为NBR90B.下方列表中规格长期有现货,其他公制常用尺寸,可定制生产

Rubber back-up ring: the material always is NBR90, and our stock more is NBR90.*Usually, In the table, the dimension we have some stock, other dimension all can custom-make.

ID	W	T	A
9.91	2.18	1.35	1.14
11.56	2.18	1.35	1.14
13.16	2.18	1.35	1.14
14.73	2.18	1.35	1.14
16.36	2.18	1.35	1.14

● 聚四氟乙烯挡圈
PTFE Back-up Ring



目前本公司现有聚四氟乙烯挡圈多为环状，其作用与橡胶挡圈有相同的功能，不过比后者有更广的应用范围。下方列表中规格常年有货，其他尺寸，可以根据客户需要定制生产。

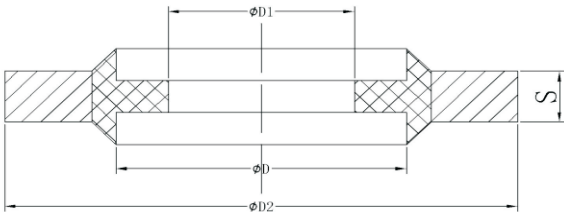
We have the PTFE Back-up ring more is cave rings no split. it has the same function of rubber back-up ring, but its application range is wide,the dimension we have some stock, other dimension all can custom-make.

OD	ID	W
4.1	1.8	1.25
8.8	6.6	1.2
9.7	7.1	1.25
12	9	1.25



组合垫(组合密封垫圈)由橡胶圈和金属环整体粘合硫化而成，是用来密封螺纹和法兰连接的密封圆环，圆环包括一个金属环和一个橡胶密封垫。

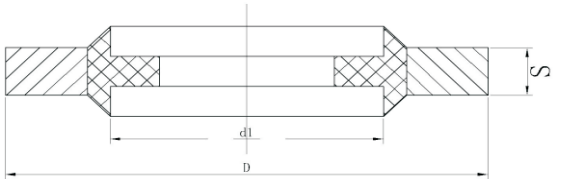
The bonded seals are formed by the rubber ring and the metal ring as a whole, and is used to seal the sealing ring which is connected with the flange, and the circular ring include a metal ring and a rubber sealing pad.



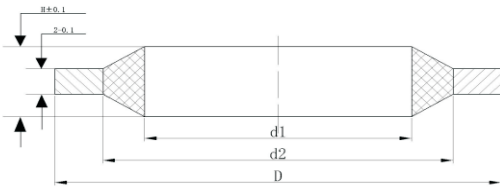
Pipe thread					
订货编号Items NO:	Intended for thread	D	D2	S	D1
HL01-SW-M004C	G1/8	10.37	15.88	2	8.26
HL01-SW-M005C	G1/4	13.74	20.57	2	11.18
HL01-SW-M006C	G3/8	17.28	23.8	2	14.76
HL01-SW-M007C	G1/2	21.54	28.58	2.47	18.24
HL01-SW-M008C	G5/8	23.49	31.75	2.47	20.27
HL01-SW-M009C	G3/4	27.05	34.93	2.47	23.83
HL01-SW-M010C	G1	33.89	12.8	3.4	29.92
HL01-SW-M011C	G1 1/4	42.93	52.38	3.4	38.45
HL01-SW-M012C	G1 1/2	48.44	58.6	3.4	44.45
HL01-SW-M013C	G2	60.58	73.03	3.4	56.26
HL01-SW-M015C	G2 1/4	66.68	79.5	3.4	62.36
HL01-SW-M016C	G2 1/2	76.08	90.17	3.4	71.5

Standardized dimensions

M thread					
订货编号Items NO:	Intended for thread	D	D2	S	D1
HL02-CRD-1827	M4	4.5	7	1	3.3
HL02-CRD-1828	M5	5.7	10	1	4.45
HL02-CRD-1829	M6	6.7	10	1	5.6
HL02-CRD-1830	M8	8.7	14	1	6.4
HL02-CRD-1831	M10	10.7	16	1.5	8.05
HL02-CRD-1832	M12	12.7	19	1.5	9.73
HL02-CRD-1833	M13	13.7	20	1.5	10.73
HL02-CRD-1834	M14	14.7	22	1.5	11.38
HL02-CRD-1835	M16	16.7	24	1.5	13.41
HL02-CRD-1836	M18	18.7	26	1.5	14.76
HL02-CRD-1837	M20	20.7	28	1.5	16.76
HL02-CRD-1838	M22	22.7	30	2	18.74
HL02-CRD-1839	M24	24.7	32	2	20.11
HL02-CRD-1995	1/8"	10.37	14	1	8.7
HL02-CRD-1996	1/4"	13.74	17	1	11.4
HL02-CRD-1997	3/8"	17.28	22	1.3	15
HL02-CRD-1998	1/2"	21.54	26	1.6	18.6
HL02-CRD-1999	3/4"	27.05	32	1.6	24
HL02-CRD-2000	1"	33.89	39.5	1.8	30.2



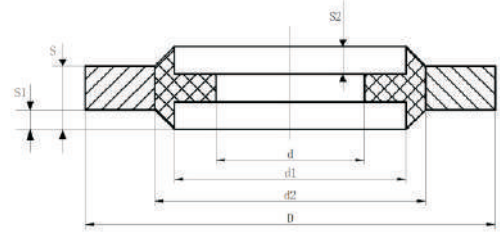
订货编号Items NO:	公称直径 Nominal Diameter	尺寸 Dimensions			适用螺纹 Applicable Thread		
		d1	D	S	公制 Metric System	美制 American National thread	英制 G Whitworth thread G
HL03-A4.00	A4.00	4.30	7.20	1.00	M4		
HL03-A5.20	A5.20	5.20	8.40	1.50	M5		
HL03-A6.00	A6.00	6.40	11.70	1.50	M6		
HL03-A6.80	A6.80	6.86	13.20	1.50		1/4"	
HL03-A8.00	A8.00	8.40	13.70	2.00	M8		
HL03-A8.60	A8.60	8.64	14.20	2.00		5/16"	
HL03-A10.30	A10.30	10.37	15.80	2.00	M10	3/8"	1/8"
HL03-A12.00	A12.00	12.40	17.70	2.00	M12		
HL03-A13.70	A13.70	13.74	20.60	2.00		1/2"	1/4"
HL03-A14.00	A14.00	14.40	19.70	2.00	M14		
HL03-A14.80	A14.80	14.86	22.20	2.00		9/16"	
HL03-A15.80	A15.80	15.83	22.20	2.00			
HL03-A16.00	A16.00	16.40	21.70	2.00	M16		
HL03-A16.50	A16.50	16.51	25.40	2.00		5/8"	
HL03-A17.20	A17.20	17.30	23.80	2.00			3/8"
HL03-A18.00	A18.00	18.40	24.70	2.50	M18		
HL03-A19.60	A19.60	19.69	26.90	2.50		3/4"	
HL03-A20.00	A20.00	20.50	27.70	2.50	M20		
HL03-A21.50	A21.50	21.54	28.60	2.50		13/16"	1/2"
HL03-A22.00	A22.00	22.50	29.70	2.50	M22		
HL03-A23.50	A23.50	23.49	31.75	2.50		7/8"	5/8"
HL03-A24.00	A24.00	24.50	31.70	2.50	M24		
HL03-A24.20	A24.20	24.26	33.30	2.50		15/16"	
HL03-A27.00	A27.00	27.50	34.70	2.50	M27		
HL03-A27.10	A27.10	27.05	34.90	2.50		1"	3/4"
HL03-A30.00	A30.00	30.50	37.70	2.50	M30		
HL03-A30.80	A30.80	30.81	38.10	2.50		1 3/16"	7/8"
HL03-A33.00	A33.00	33.50	41.70	2.50	M33		
HL03-A33.80	A33.80	33.89	42.80	2.50		1 5/16"	1"
HL03-A35.90	A35.90	35.94	44.50	3.40		1 3/8"	
HL03-A36.00	A36.00	36.60	45.70	2.50	M36		
HL03-A39.00	A39.00	39.60	49.70	2.50	M39		
HL03-A42.00	A42.00	42.60	52.70	2.50	M42		
HL03-A42.90	A42.90	42.93	52.40	2.50		1 5/6"	1 1/4"
HL03-A45.00	A45.00	45.60	55.70	2.50	M45		
HL03-A48.00	A48.00	48.70	59.70	2.50	M48		
HL03-A48.50	A48.50	48.44	58.60	2.50		1 7/8"	1 1/2"
HL03-A52.00	A52.00	52.70	65.70	2.50	M52		
HL03-A54.80	A54.80	54.89	69.85	3.40		2 1/16"	1 3/4"
HL03-A60.00	A60.00	60.70	74.70	2.50	M60		
HL03-A60.50	A60.50	60.58	73.03	2.50	M60		2"



JB982-77标准

单位:mm

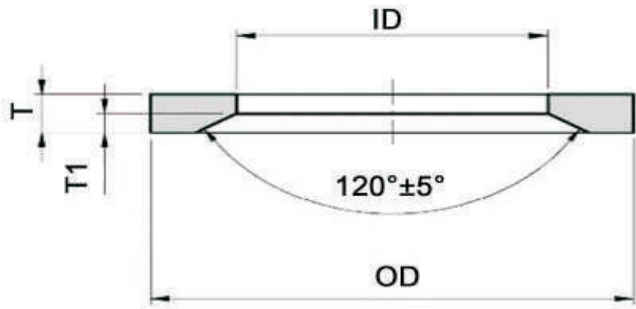
订货编号Items NO:	公称直径 Nominal Diameter	d1		d2		D		H±0.1	孔d2允许偏差 Allowable Variation of Hole d2	适用螺纹尺寸 Applicable Thread Dimensions			
HL04-M4	*4	4.3	± 0.12	5.3	+0.24 0	7.5	0 -0.24	2.1	0.1	M4			
HL04-M6	*6	6.4		8		12		M6					
HL04-M8	8	8.4		10		14		M8					
HL04-M10	10	10.4		12		16		M10(G1/8")					
HL04-M12	12	12.4		14		18		M12					
HL04-M14	14	14.4		16		20		M14(G1/4")					
HL04-M16	16	16.4	± 0.14	18	+0.28 0	22	0 -0.28	2.7	0.1	M16			
HL04-M18	18	18.4		20		25				M18(G3/8")			
HL04-M20	20	20.5		23		28				M20			
HL04-M22	22	22.5		25		30				M22(G1/2")			
HL04-M24	24	24.5		27		32				0 -0.34	2.9	0.15	M24
HL04-M27	27	27.5		30		35							M27(G3/4")
HL04-M30	30	30.5	33	38	M30								
HL04-M33	33	33.5	36	42	M33(G1")								
HL04-M36	36	36.6	40	46	M36								
HL04-M39	39	39.6	± 0.17	43	+0.34 0	50	0 -0.4	2.9	0.15				M39
HL04-M42	42	42.6		46		53				M42(G1 1/4")			
HL04-M45	45	45.6		49		56				M45			
HL04-M48	48	48.7		52		60				M48(G1 1/2")			
HL04-M52	52	52.7		56		66				M52			
HL04-M60	60	60.7		64		75				M60(G2")			



订货编号Items NO:	公称 (螺纹) 直径 Norminal (Spiral) diam	d	d1	d2	D		S		S1	S2
HL05-AM08	A8	7.5	9.3	11	14.8	0	1.5	± 0.11	0.4	0.8
HL05-AM10	A10	8.5	11.8	13.8	17.8	-0.11				
HL05-AM12	A12	11.6	13.5	15.5	21	0				
HL05-AM14	A14	13.6	16	18	23	0				
HL05-AM16	A16	15.6	18	20	25	-0.13				
HL05-AM18	A18	17.6	20	22	28	0	2	± 0.13	0.45	1
HL05-AM20	A20	19.6	22	24	32	0				
HL05-AM22	A22	21.6	24	26	34	0				
HL05-AM24	A24	23.6	26	28	36	0				
HL05-AM27	A27	26.6	29	31	39	-0.16				
HL05-AM30	A30	29.6	32	34	42	0	3	± 0.16	0.5	1.4
HL05-AM33	A33	32.6	35	37	45	0				
HL05-AM39	A39	38.6	41	43	51	0				
HL05-AM42	A42	41.6	44	46	54	0				
HL05-AM45	A45	44.6	47	49	57	-0.19				
HL05-AM48	A48	47.6	50	52	60	0	3	± 0.16	0.5	2
HL05-AM52	A52	51.6	54	56	66	0				
HL05-AM60	A60	59.6	62	65	75	0				

ED圈为众多工业密封件中的一种，作为管接头、液压堵头、过渡接头等气动液压接头专用密封件，比传统的O型圈的密封效果更好。这种弹性体密封件用来作为轴向静态密封，应用在螺纹油口和螺杆端头，截面在高压下都几乎保持恒定。

ED-ring is one of the many industrial seals, pipe fittings, hydraulic plug, as a transition joints, pneumatic hydraulic joint special-purpose seals, is better than traditional type O- ring seal. The elastomer seal axial static seal, used as the application in the screw oil mouth and screw end, cross section at high pressure is nearly constant.



以下尺寸为常用规格，其他规格可定制生产。
The regular size in this table other size can custom-make

型号 (Code)			ID	OD	T	T1
欢凌尺寸 (HL-SEIZE)	公制 (Metrice)	英制 (Inch)				
ED08	M8*1	~	6.50	9.90	1.00	0.50
ED10	M10*1	1/8	8.40	11.90	1.00	0.50
ED12	M12*1.5	~	9.80	14.40	1.50	0.80
ED14	M14*1.5	1/4	11.50	16.50	1.50	0.80
ED16	M16*1.5	~	13.80	18.90	1.50	0.80
ED17	M17*1.5	3/8	14.70	18.90	1.50	0.80
ED18	M18*1.5	~	15.70	20.90	1.50	0.80
ED20	M20*1.5	~	17.80	22.90	1.50	0.80
ED21	M21*1.5	1/2	18.50	23.90	1.50	0.80
ED22	M22*1.5	~	19.60	24.30	1.50	0.80
ED24	M24*1.5	5/8	21.80	26.90	1.50	0.80
ED26	M26*1.5	3/4	23.90	29.20	1.50	0.80
ED27	M27*2	3/4	23.90	29.20	1.50	0.80
ED33	M33*2	1	29.70	35.70	2.00	1.00
ED42	M42*2	1 1/4	38.80	45.80	2.00	1.00
ED48	M48*2	1 1/2	44.70	50.70	2.00	1.00
ED60	M60*2	2	56.50	66.50	4.00	2.00

橡胶条 Rubber Strip

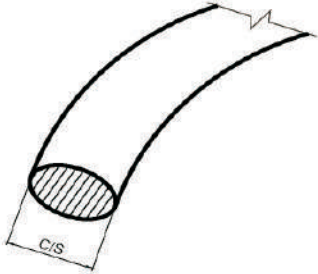


橡胶条按材质主要分为NBR丁腈橡胶条，SILICOME硅胶橡胶条，FKM(VITON)氟橡胶条、EPDM三元乙丙橡胶条及丁腈、三元乙丙发泡橡胶条。NBR丁腈橡胶:颜色一般为黑色,适合于石油系液压油、甘醇系液压油、二酯系润滑油、汽油、水、硅润滑脂、硅油等介质中使用。是目前用途最广、成本最低的。

Rubber Strip is mainly used to seal the large equipment such as doors, windows, etc. or stick together to form O-ring of any ID.

- Note:
- 1. Products with circular, rectangular, stellar and hollow cross section is available.
 - 2. Star(Quad) cross section more than 1.78mm is available.(Quad-ring with the C/S 1 78mm is available)

橡胶条公差尺寸表
Rubber strip tolerance dimension



HL NO.	C/S(mm)	C/S Tol
HRS0001	1.2	0.25
HRS0002	1.5	0.25
HRS0003	1.6	0.35
HRS0004	1.78	0.35
HRS0005	1.9	0.35
HRS0006	2	0.35
HRS0007	2.4	0.35
HRS0008	2.5	0.35
HRS0009	2.65	0.4
HRS0010	3	0.4
HRS0011	3.5	0.4
HRS0012	4	0.4
HRS0013	4.5	0.5
HRS0014	5	0.5
HRS0015	5.35	0.5
HRS0016	5.5	0.5
HRS0017	5.7	0.5
HRS0018	6	0.5
HRS0019	6.5	0.7
HRS0020	6.9	0.7
HRS0021	7	0.7
HRS0022	7.5	0.7

HL NO.	C/S(mm)	C/S Tol
HRS0023	8	0.7
HRS0024	8.4	0.7
HRS0025	8.5	0.7
HRS0026	9	0.7
HRS0027	9.5	0.7
HRS0028	10	0.7
HRS0029	11	0.8
HRS0030	12	0.8
HRS0031	12.7	0.8
HRS0032	13	0.8
HRS0033	14	0.8
HRS0034	15	0.8
HRS0035	16	0.8
HRS0036	17	1
HRS0037	18	1
HRS0038	19	1
HRS0039	20	1
HRS0040	21	1
HRS0041	22	1
HRS0042	23	1
HRS0043	24	1
HRS0044	25	1



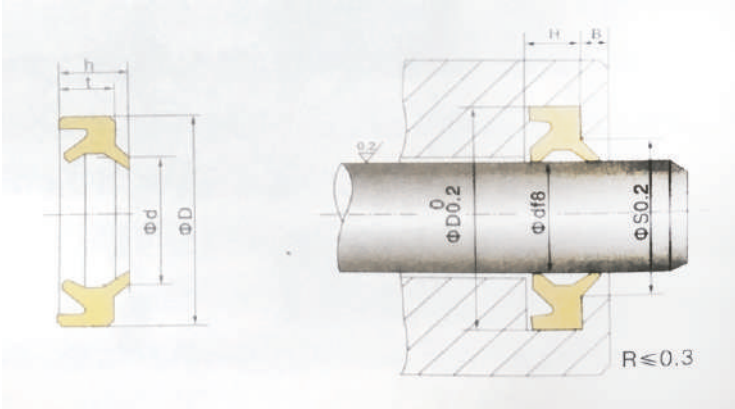
防尘圈 Dust Seal (DH)



材质: 进口TPU Material:TPU
产品硬度: 90±2A Hardness:90±2A
颜色: 蓝色, 绿色, 黄色 Color:Blue,Green,Yellow
工作速度: ≤0.5m/s Speed:≤0.5m/s
工作温度: -35℃~+80℃ Temperature:-35℃~+80℃

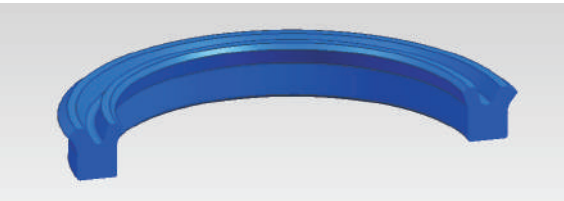
本产品是在沟槽中做紧配合安装的一种唇形防尘和活塞杆用的密封件。耐磨性能好，容易安装，适用范围广。
DHS wiper seal is a lip wiper seal for rod which fits tightly in the groove.

- 耐磨性能好，容易安装，适用范围广。 Advantages-High abrasion resistance.
-Widely applicable-Easy installation.



订货号/Item No.	d	D	t	h
DH-11.2	11.2	19.2	4.5	6
DH-14	14	22	4.5	6
DH-16	16	24	4.5	6
DH-18	18	26	4.5	6
DH-20	20	28	4.5	6
DH-22	22	31	3.7	7
DH-22.4	22.4	30.4	4.5	6
DH-23.5	23.5	31.5	4.5	6
DH-25	25	33	4.5	6
DH-26	26	32	2.5	4.2
DH-28	28	36	4.5	6.5
DH-30	30	38	5	6.5
DH-31.5	31.5	39.5	5	6.5
DH-32	32	40	5	6.5
DH-32A	32	40.5	5	6.5
DH-35	35	43	5	6.5
DH-35.5	35.5	43.5	5	6.5
DH-38	38	46	5	6.5
DH-40	40	48	5	6.5
DH-45	45	53	5	6.5
DH-50	50	58	5	6.5
DH-53	53	61	5	6.5
DH-55	55	63	5	6.5
DH-56	56	64	5	6.5
DH-60	60	68	5	6.5
DH-63	63	71	5	6.5
DH-65	65	73	5	6.5
DH-67	67	75	5	6.5
DH-70	70	80	6	8

订货号/Item No.	d	D	t	h
DH-71	71	81	6	8
DH-75	75	85	6	8
DH-80	80	90	6	8
DH-85	85	95	6	8
DH-90	90	100	6	8
DH-95	95	105	6	8
DH-98	98	108	6	8
DH-100	100	110	6	8
DH-110	110	120	6	8
DH-112	112	122	6	8
DH-125	125	138	7	9.5
DH-130	130	143	7	9.5
DH-136	136	149	7	9.5
DH-140	140	153	7	9.5
DH-140A	140	157	6	8
DH-145	145	158	7	9.5
DH-160	160	173	7	9.5
DH-160A	160	174	7	9.5
DH-165	165	178	7	9.5
DH-165A	165	179	7	9.5
DH-180	180	193	7	9.5
DH-180A	180	194	7	9.5
DH-200A	200	213	7	9.5
DH-200	200	214	7	9.5
DH-204	204	218	7	9.5
DH-220	220	233	7	9.5
DH-230	230	244	7	9.5
DH250	250	263	7	9.5

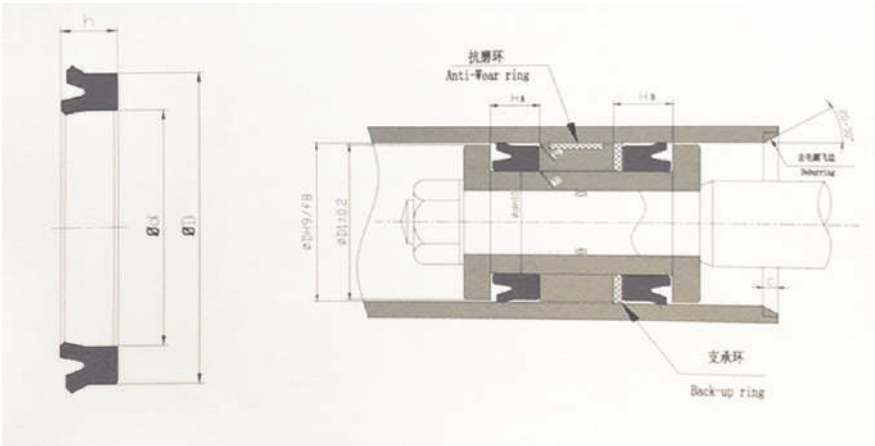


耐磨性能好，容易安装，适用范围广。
Advantages-High abrasion resistance.
-Widely applicable-Easy installation.

本产品是在沟槽中做紧配合安装活塞杆用的一种唇形密封件。
ODI wiper seal is a lip-seal which fits tightly in the groove.

材质：进口TPU,CPU
产品硬度：90±2A
颜色：蓝色，绿色，黄色
工作速度：≤0.5m/s
工作温度：-35℃~+80℃
工作压力：TPU≤31.5MPa,CPU≤40MPa
介质：液压油（矿物基油）

Material:TPU/CPU
Hardness:90±2A
Color:Blue,Green,Yellow
Speed:≤0.5m/s
Temperature:-35℃~+80℃
Pressure: TPU≤31.5MPa,CPU≤40MPa
Media:Hydraulic oils(Mineral oil-based)



订货号/Item No.	D	d	t
ODI-30-40-8	40	30	8
ODI-28-41-10	41	28	10
ODI-30-43-10	43	30	10
ODI-31.5-44.5-10	44.5	31.5	10
ODI-30-45-9	45	30	9
ODI-30-45-10	45	30	10
ODI-32-45-8	45	32	8
ODI-32-45-10	45	32	10
ODI-35-45-8	45	35	8
ODI-34-50-10	50	34	10
ODI-34-50-12	50	34	12
ODI-35-50-9	50	35	9
ODI-35-50-10	50	35	10
ODI-35-50-12	50	35	12
ODI-40-50-8	50	40	8
ODI-35.5-51.1-12	51.1	35.5	12
ODI-40-55-9	55	40	9
ODI-40-55-10	55	40	10
ODI-45-55-8	55	45	8
ODI-40-56-10	56	40	10
ODI-40-56-12	56	40	12
ODI-41-56-9	56	41	9
ODI-41-56-10	56	41	10
ODI-46-56-8	56	46	8
ODI-45-60-9	60	45	9
ODI-45-60-10	60	45	10
ODI-50-60-8	60	50	8
ODI-45-61-12	61	45	12
ODI-47-63-10	63	47	10
ODI-47-63-12	63	47	12
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ODI-95-115-15	115	95	15
ODI-100-120-12	120	100	12
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ODI-14-22-5	22	14	5
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ODI-15-25-6	25	15	6
ODI-15-25-8	25	15	8
ODI-17-25-5	25	17	5
ODI-16-26-7.5	26	16	7.5
ODI-18-26-5	26	18	5
ODI-15-28-10	28	15	10
ODI-20-28-5	28	20	5
ODI-20-30-5	30	20	5
ODI-20-30-6	30	20	6
ODI-20-30-8	30	20	8
ODI-22.4-30-5	30	22.4	5
ODI-18-31-10	31	18	10

订货号/Item No.	D	d	t
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ODI-23.5-31.5-5	31.5	23.5	5
ODI-20-33-10	33	20	10
ODI-25-33-5	33	25	5
ODI-22-35-10	35	22	10
ODI-22-35-6	35	22	6
ODI-25-35-8	35	25	8
ODI-24.4-35.4-10	35.4	24.4	10
ODI-22.5-35.5-8	35.5	22.5	8
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ODI-25.5-35.5-8	35.5	25.5	8
ODI-25-38-10	38	25	10
ODI-25-40-9	40	25	9
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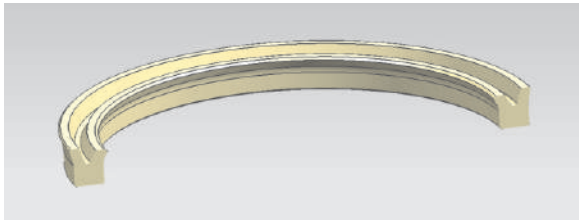
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ODI-190-215-16	215	190	16
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ODI-199-224-16	224	199	16
ODI-199-224-20	224	199	20
ODI-204-224-16	224	204	16
ODI-200-225-16	225	200	16
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ODI-205-230-16	230	205	16

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ODI-220-240-16	240	220	16
ODI-225-250-16	250	225	16
ODI-225-250-19	250	225	19
ODI-225-250-20	250	225	20
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ODI-235-260-16	260	235	16
ODI-235-260-19	260	235	19
ODI-240-260-16	260	240	16
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ODI-245-270-19	270	245	19
ODI-250-270-16	270	250	16
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ODI-250-275-20	275	250	20
ODI-250-280-19	280	250	19
ODI-255-280-19	280	255	19

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IDI-65-85-12	65	85	12
IDI-67-82-9	67	82	9
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IDI-70-80-8	70	80	8

活塞杆密封件 Rod U-seal (IDI)

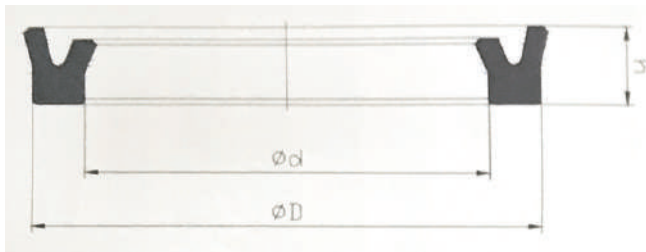


- Advantages
- Unusually high abrasion resistance.
 - Insensibility against shock loads and pressure peaks.
 - Low compression set.

本产品是在沟槽中作紧配合安装活塞杆专用的一种唇形密封件。
IDI Piston seal is a lip-seal which fits tightly in the groove.

材质: TPU
产品硬度: 90 ± 2A
颜色: 白色、蓝色、绿色、黄色
工作压力: ≤31,5MPa
工作速度: ≤0.5m/s
工作温度: -35℃ ~+80℃
介质: 液压油

Technical Data
Operating conditions
Pressure:≤31,5MPa
Temperature:-35℃~+80° C
Speed: ≤0.5m/s
Media: Hydraulic oil (Mineral oil-based)
Material: TPU
Hardness: 90-95 Shore A
AdvantagesColor: Yellow, Blue, Green



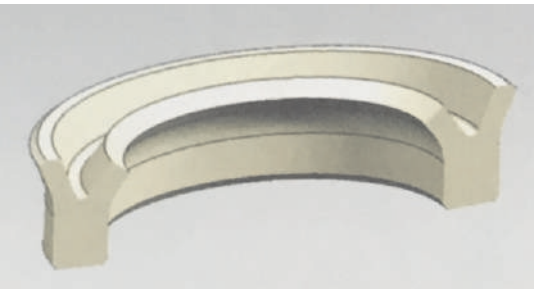
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IDI-240-265-16	240	265	16
IDI-240-265-19	240	265	19
IDI-240-265-20	240	265	20
IDI-250-270-16	250	270	16
IDI-250-275-16	250	275	16
IDI-250-275-19	250	275	19
IDI-250-275-20	250	275	20

订货号/Item No.	d	D	h
IDI-260-285-19	260	285	19
IDI-260-290-19	260	290	19
IDI-265-297-24	265	297	24
IDI-265-297-25	265	297	25
IDI-270-295-19	270	295	19
IDI-270-300-19	270	300	19
IDI-270-300-24	270	300	24
IDI-270-300-25	270	300	25
IDI-280-305-19	280	305	19

订货号/Item No.	d	D	h
IDI-280-310-19	280	310	19
IDI-280-312-24	280	312	24
IDI-280-312-25	280	312	25
IDI-290-315-19	290	315	19
IDI-290-320-19	290	320	19
IDI-300-325-19	300	325	19
IDI-300-330-19	300	330	19
IDI-300-332-24	300	332	24
IDI-300-332-25	300	332	25

活塞杆密封件 Rod U-seal (YXd)



本产品是在沟槽中作紧配合安装活塞杆专用的一种唇形密封件。
This Ros seal is a lip-seal which fits tightly in the groove.

材质：TPU

产品硬度：90 ± 2A

颜色：白色、蓝色、绿色、黄色

工作压力：≤31,5MPa

工作速度：≤0.5m/s

工作温度：-35℃ ~ +80℃

介质：液压油

Material: TPU

Hardness: 90 ± 2A

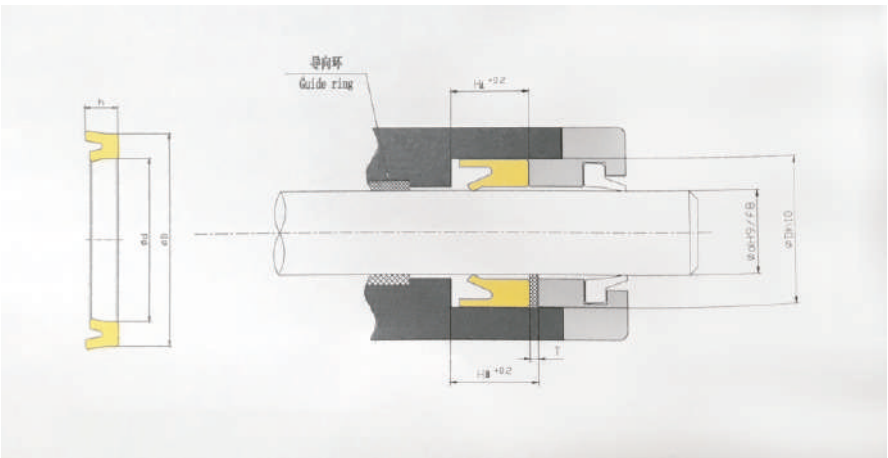
Color: Yellow, Blue, Green, White

Pressure: ≤31,5MPa

Speed: ≤0.5m/s

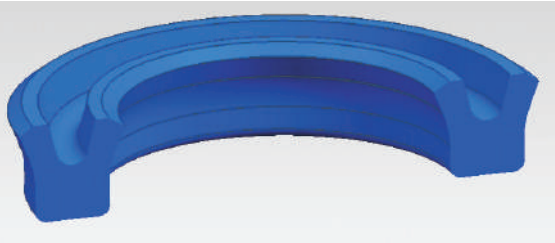
Temperature: -35 °C ~ +80° C

Media: Hydraulic oil (Mineral oil-based)



订货号/Item No.	沟槽尺寸/Groove Size				
	φ D	φ d	HA	HB	T
YXd-6	6	12	9	10.5	1.5
YXd-8	8	14	9	10.5	1.5
YXd-10	10	16	9	10.5	1.5
YXd-12	12	18	9	10.5	1.5
YXd-14	14	20	7	8.5	1.5
YXd-18	18	24	9	10.5	1.5
YXd-20	20	28	12	13.5	1.5
YXd-22	22	30	12	13.5	1.5
YXd-25	25	33	12	13.5	1.5
YXd-28	28	36	12	13.5	1.5
YXd-30	30	38	12	13.5	1.5
YXd-32	32	40	12	13.5	1.5
YXd-35	35	43	12	13.5	1.5
YXd-40	40	48	12	13.5	1.5
YXd-45	45	53	12	13.5	1.5
YXd-50	50	58	12	13.5	1.5
YXd-52	52	60	12	13.5	1.5
YXd-55	55	63	12	13.5	1.5
YXd-56	56	64	12	13.5	1.5
YXd-60	60	72	16	18	2
YXd-63	63	75	16	18	2
YXd-65	65	77	16	18	2
YXd-70	70	79	14	16	2
YXd-70	70	80	14	16	2
YXd-70	70	82	16	18	2
YXd-75	75	87	16	18	2
YXd-77	77	98	16	18	2
YXd-80	80	92	16	18	2
YXd-80	80	95	16	18	2
YXd-85	85	97	16	18	2
YXd-90	90	102	16	18	2
YXd-95	95	107	16	18	2
YXd-100	100	112	16	18	2
YXd-105	105	121	20	22.5	2.5
YXd-110	110	126	20	22.5	2.5
YXd-1T5	115	127	16	18	2
YXd-115	115	131	20	22.5	2.5
YXd-120	120	136	20	22.5	2.5
YXd-125	125	141	20	22.5	2.5
YXd-140	140	156	20	22.5	2.5
YXd-150	150	166	20	22.5	2.5
YXd-155	155	171	20	22.5	2.5
YXd-160	160	176	20	22.5	2.5
YXd-165	165	181	20	22.5	2.5
YXd-170	170	186	20	22.5	2.5
YXd-175	175	191	20	22.5	2.5
YXd-180	180	196	20	22.5	2.5
YXd-185	185	201	20	22.5	2.5
YXd-190	190	206	20	22.5	2.5
YXd-195	195	211	20	22.5	2.5
YXd-200	200	216	20	22.5	2.5
YXd-205	205	221	20	22.5	2.5
YXd-210	210	226	20	22.5	2.5
YXd-215	215	231	20	22.5	2.5
YXd-220	220	236	20	22.5	2.5
YXd-225	225	241	20	22.5	2.5
YXd-230	230	246	20	22.5	2.5
YXd-235	235	251	20	22.5	2.5
YXd-240	240	256	20	22.5	2.5
YXd-250	250	266	20	22.5	2.5
YXd-260	260	276	20	22.5	2.5
YXd-265	265	281	20	22.5	2.5
YXd-270	270	286	20	22.5	2.5
YXd-280	280	296	20	22.5	2.5
YXd-280	280	304	20	22.5	2.5
YXd-285	285	301	20	22.5	2.5

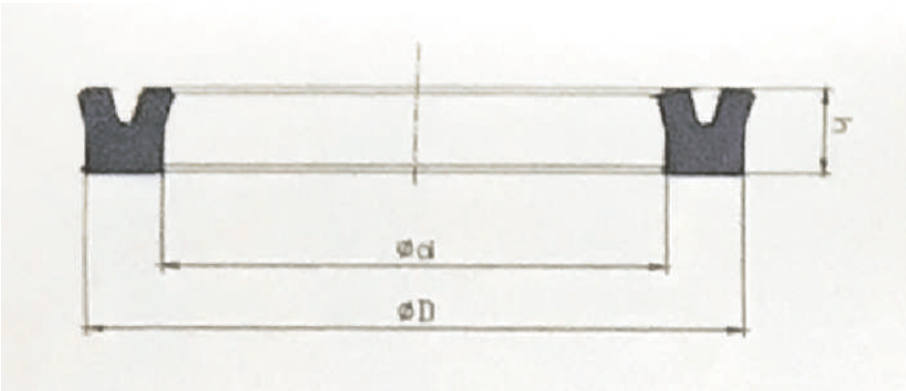
订货号/Item No.	沟槽尺寸/Groove Size				
	φ D	φ d	HA	HB	T
YXd-290	290	306	20	22.5	2.5
YXd-290	290	314	26.5	30	3.5
YXd-295	295	311	20	22.5	2.5
YXd-300	300	316	20	22.5	2.5
YXd-310	310	334	26.5	30	3.5
YXd-315	315	339	26.5	30	3.5
YXd-320	320	344	26.5	30	3.5
YXd-325	325	349	26.5	30	3.5
YXd-330	330	354	26.5	30	3.5
YXd-340	340	364	26.5	30	3.5
YXd-350	350	374	26.5	30	3.5
YXd-360	360	384	26.5	30	3.5
YXd-370	370	394	26.5	30	3.5
YXd-380	380	404	26.5	30	3.5
YXd-390	390	414	26.5	30	3.5
YXd-400	400	424	26.5	30	3.5
YXd-410	410	434	26.5	30	3.5
YXd-420	420	444	26.5	30	3.5
YXd-440	440	464	26.5	30	3.5
YXd-450	450	474	26.5	30	3.5
YXd-460	460	484	26.5	30	3.5
YXd-465	465	489	26.5	30	3.5
YXd-470	470	494	26.5	30	3.5
YXd-480	480	504	26.5	30	3.5
YXd-500	500	524	26.5	30	3.5
YXd-520	520	544	26.5	30	3.5
YXd-530	530	554	26.5	30	3.5
YXd-550	550	574	26.5	30	3.5
YXd-560	560	584	26.5	30	3.5
YXd-580	580	604	26.5	30	3.5
YXd-590	590	614	26.5	30	3.5
YXd-600	600	624	26.5	30	3.5



本产品是在沟槽中作紧配合安装活塞杆专用的一种唇形密封件。
UN Piston seal is a lip-seal which fits tightly in the groove.

材质：TPU
产品硬度：90 ± 2A
颜色：蓝色、绿色、黄色
工作压力：≤35MPa
工作速度：≤1m/s
工作温度：-35℃~+80℃
介质：液压油

Pressure: ≤35MPa
Temperature: -35℃~+80℃ C
Speed: ≤1m/s
Media: Hydraulic oil (Mineral oil-based)
Material: TPU
Hardness: 90-95 Shore A
Color: Yellow, Blue, Green



订货号/Item No.	d	D	h
UN-4-10-4	4	10	4
UN-4-11-5	4	11	5
UN-4.5-9.5-4	4.5	9.5	4
UN-5-12-5.5	5	12	5.5
UN-5-12-6	5	12	6
UN-5-12-8	5	12	8
UN-5-14-8	5	14	8'
UN-6-12-5	6	12	5
UN-6-12-5.5	6	12	5.5
UN-6.3-16.3-8	6.3	16.3	8
UN-7.1-17.1-8	7.1	17.1	8
UN-8-14-6	8	14	6
UN-8-14-8	8	14	8
UN-8-16-5.7	8	16	5.7
UN-8-16-6	8	16	6
UN-8-16-8	8	16	8
UN-8-16-8	8	16	8
UN-8-18-10	8	18	10
UN-9-19-8	9	19	8
UN-10-16-6	10	16	6
UN-10-18-5	10	18	5
UN-10-18-5.5	10	18	5.5
UN-10-18-6	10	18	6
UN-10-18-8	10	18	8
UN-10-20-8	10	20	8
UN-10-22-6	10	22	6
UN-10-22-8	10	22	8
UN-11.2-19.2-5	11.2	19.2	5

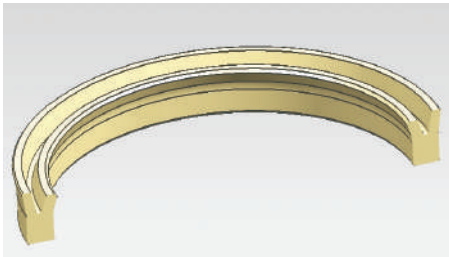
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UN-12-18-8	12	18	8
UN-12-20-6	12	20	6
UN-12-22-7	12	22	7
UN-12-22-8	12	22	8
UN-12-24-8	12	24	8
UN-12-25-8	12	25	8
UN-12.5-22.5-8	12.5	22.5	8
UN-14-22-4	14	22	4
UN-14-22-5	14	22	5
UN-14-24-8	14	24	8
UN-15-22-8	15	22	8
UN-15-25-7	15	25	7
UN-15-25-8	15	25	8
UN-15-27-7	15	27	7
UN-15.8-20-3	15.8	20	3
UN-16-22-4	16	22	4
UN-16-22-5	16	22	5
UN-16-24-4	16	24	4
UN-16-24-5	16	24	5
UN-16-26-8	16	26	8
UN-16-28-6	16	28	6
UN-18-24-5	18	24	5
UN-18-25-5	18	25	5
UN-18-26-5	18	26	5
UN-18-26-8	18	26	8
UN-18-28-8	18	28	8

订货号/Item No.	d	D	h
UN-18-30-8	18	30	8
UN-18-32-7	18	32	7
UN-18-34-84	18	34	8
UN-19-34-8	19	34	8
UN-20-26-3.3	20	26	3.3
UN-20-26-5	20	26	5
UN-20-28-5	20	28	5
UN-20-28-6	20	28	6
UN-20-28-7	20	28	7
UN-20-28-8	20	28	8
UN-20-30-8	20	30	8
UN-20-32-6	20	32	6
UN-20-32-8	20	32	8
UN-20-33-10	20	33	10
UN-20-34.5-12	20	34.5	12
UN-20-35-7	20	35	7
UN-20-35-8	20	35	3
UN-20-36-8	20	36	8
UN-20-37-12	20	37	12
UN-20-40-10	20	40	10
UN-20-40-12	20	40	12
UN-22-30-6	22	30	6
UN-22-32-8	22	32	8
UN-22-32-10	22	32	10
UN-22-34-10	22	34	10
UN-22-35-10	22	35	10
UN-22-36-9	22	36	9
UN-22-40-10	22	40	10
UN-22.4-30-5	22.4	30	5
UN-22.4-32.4-8	22.4	32.4	8
UN-22.7-33-5.3	22.7	33	5.3
UN-23.5-31.5-5	23.5	31.5	5
UN-24-32-7	24	32	7
UN-25-33-5	25	33	5
UN-25-33-5.5	25	33	5.5
UN-25-33-6	25	33	6
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UN-25-35-6	25	35	6
UN-25-35-7	25	35	7
UN-25-35-8	25	35	8
UN-25-35-10	25	35	10
UN-25-38-8	25	38	8
UN-25-38-10	25	38	10
UN-25-40-10	25	40	10
UN-26-32-4.7	26	32	4.7
UN-26-47-12	26	47	12
UN-27-35-5	27	35	5
UN-28-35.5-5	28	35.5	5
UN-28-36-5	28	36	5
UN-28-36-6	28	36	6
UN-28-40-10	28	40	10
UN-28-43-10	28	43	10
UN-28-44-8	28	44	8
UN-30-37-6	30	37	6
UN-30-38-7	30	38	7
UN-30-38-8	30	38	8
UN-30-40-5	30	40	5
UN-30-40-5.5	30	40	5.5
UN-30-40-6	30	40	6
UN-30-40-8	30	40	8
UN-30-40-10'	30	40	10
UN-30-42-10	30	42	10
UN-30-43-6.5	30	43	6.5
UN-30-43.6-9.5	30	43.6	9.5
UN-30-45-10	30	45	10
UN-30-47-10	30	47	10
UN-30-50-10	30	50	10
UN-30-50-12	30	50	12

订货号/Item No.	d	D	h
UN-31.5-41.5-6	31.5	41.5	6
UN-31.5-44.3-9.5	31.5	44.3	9.5
UN-31.5-6.5-10	31.5	46.5	10
UN-31.8-41.3-6.3	31.8	41.3	6.3
UN-32-40-5.5	32	40	5.5
UN-32-42-10	32	42	10
UN-32-45-10	32	45	10
UN-32-46-10	32	46	10
UN-32-47-10	32	47	10
UN-32-48-10	32	48	10
UN-32-50-10	32	50	10
UN-33-40-8	33	40	8
UN-35-43-7	35	43	7
UN-35-45-6	35	45	6
UN-35-45-8	35	45	8
UN-35-45-10	35	45	10
UN-35-48-10	35	48	10
UN-35-50-9	35	50	9
UN-35-50-10	35	50	10
UN-35-41-5	35	41	5
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UN-35.5-45-6	35.5	45	6
UN-35.5-50.5-10	35.5	50.5	10
UN-38-45-6.5	38	45	6.5
UN-38-48-6	38	48	6
UN-38-50-9	38	50	9
UN-38-50-10	38	50	10
UN-38-52-10	38	52	10
UN-38-55-10	38	55	10
UN-38-60-10	38	60	10
UN-38-62-12	38	62	12
UN-39-54-10	39	54	10
UN-39-58-13	39	58	13
UN-40-48-8	40	48	8
UN-40-50-6	40	50	6
UN-40-50-6.5	40	50	6.5
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UN-45-55-7	45	55	7
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UN-45-56-7	45	56	7
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UN-50-66-12	50	66	12
UN-50-70-10	50	70	10
UN-50-70-12	50	70	12

订货号/Item No.	d	D	h
UN-50.9-70-13	50.9	70	13
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UN-53-63-6	53	63	6
UN-53-63-6.5	53	63	6.5
UN-53-65-8	53	65	8
UN-53-73-12	53	73	12
UN-55-65-6	55	65	6
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UN-55-65-12	55	65	12
UN-55-70-9	55	70	9
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UN-55-71-12	55	71	12
UN-55-75-12	55	75	12
UN-56-66-6	56	66	6
UN-56-76-12	56	76	12
UN-58-68-6	58	68	6
UN-60-70-6	60	70	6
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UN-60-72-10	60	72	10
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UN-60-75-12	60	75	12
UN-60-80-12	60	80	12
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UN-63-73-6	63	73	6
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UN-63-78-10	63	78	10
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UN-76.5-90.5-10	76.5	90.5	10
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UN-80-90-10	80	90	10
UN-80-90-12	80	90	12
UN-80-94-10	80	94	10
UN-80-95-9	80	95	9
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UN-80-100-12	80	100	12
UN-80-100-13	80	100	13
UN-80-100-10	80	100	10
UN-80-110-15	80	110	15
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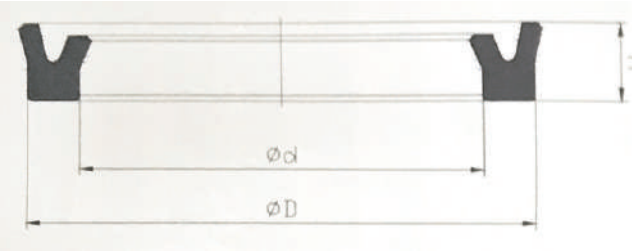
订货号/Item No.	d	D	h
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UN-90-105-9	90	105	9
UN-90-105-12	90	105	12
UN-90-110-12	90	110	12
UN-90.2-103.8-9	90.2	103.8	9
UN-95-110-9	95	110	9
UN-95-110-12	95	110	12
UN-95-115-12	95	115	12
UN-98-112-9	98	112	9
UN-100-112-9	100	112	9
UN-100-115-9	100	115	9
UN-100-115-12	100	115	12
UN-100-120-12	100	120	12
UN-100-125-12	100	125	12
UN-100-125-15	100	125	15
UN-104-117-5.3	104	117	5.3
UN-105-120-8	105	120	8
UN-105-125-13	105	125	13
UN-105-125-15	105	125	15
UN-106-126-16	106	126	16
UN-110-125-9	110	125	9
UN-110-125-12	110	125	12
UN-110-130-15	110	130	15
UN-112-125-9	112	125	9
UN-112-132-15	112	132	15
UN-112-132-16	112	132	16
UN-115-135-15	115	135	15
UN-117-130-10	117	130	10
UN-117-130-12	117	130	12
UN-118-130-10	118	130	10
UN-118-130-12	118	130	12
UN-120-135-9	120	135	9
UN-120-140-12	120	140	12
UN-120-140-15	120	140	15
UN-120-140-16	120	140	16
UN-125-140-9	125	140	9
UN-125-140-11	125	140	11
UN-125-145-15	125	145	15
UN-130-150-12	130	150	12
UN-130-150-15	130	150	15
UN-136-150-9	136	150	9
UN-140-155-6	140	155	9
UN-140-157-6	140	157	6
UN-140-160-12	140	160	12
UN-140-160-15	140	160	15
UN-145-160-9	145	160	9
UN-145-165-15	145	165	15
UN-150-165-6	150	165	9
UN-150-170-10	150	170	10
UN-150-170-12	150	170	12
UN-150-170-15	150	170	15
UN-155-180-15	155	180	15
UN-160-175-9	160	175	9
UN-160-180-12	160	180	12
UN-160-180-15	160	180	15
UN-165-180-9	165	180	9
UN-175-200-15	175	200	15
UN-180-200-12	180	200	12
UN-180-200-15	180	200	15
UN-200-220-12	200	220	12
UN-230-255-18	230	255	18
UN-280-300-15	280	300	15
UN-290-320-18	290	320	18
UN-380-350-22	380	350	22
UN-385-355-22	385	355	22



本产品是在沟槽中作紧配合安装活塞杆专用的一种唇形密封件。
ISI Piston seal is a lip-seal which fits tightly in the groove.

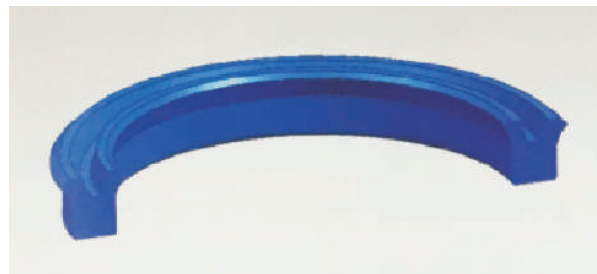
材质：TPU
产品硬度：90 ± 2A
颜色：黄色
工作压力：≤31,5MPa
工作速度：≤0.5m/s
工作温度：-35℃ ~ +80℃

Technical Data
Operating conditions
Pressure: ≤31,5MPa
Temperature: -35 °C ~ +80 °C
Speed: ≤0.5m/s
Media: Hydraulic oil (Mineral oil-based)
Material: TPU
Hardness: 90-95 Shore A
Color: Yellow



订货号/Item No.	d	D	h
ISI-18-26-5	18	26	5
ISI-20-28-5	20	28	5
ISI-22.4-30-5	22.4	30	5
ISI-22.4-30.4-5	22.4	30.4	5
ISI-23.5-31.5-5	23.5	31.5	5
ISI-25-33-5	25	33	5
ISI-25-35-5	25	35	5
ISI-28-35.5-5	28	35.5	5
ISI-28-36-5	28	36	5
ISI-30-40-6	30	40	6
ISI-31.5-41.5-6	31.5	41.5	6
ISI-35-45-6	35	45	6
ISI-35.5-45-6	35.5	45	6
ISI-35.5-45.5-6	35.5	45.5	6
ISI-40-50-6	40	50	6
ISI-45-55-6	45	55	6
ISI-45-56-7	45	56	7
ISI-50-60-6	50	60	6
ISI-53-63-6	53	63	6
ISI-55-65-6	55	65	6
ISI-56-66-6	56	66	6
ISI-60-70-6	60	70	6
ISI-60-71-7	60	71	7
iSI-63-73-6	63	73	6
ISI-65-75-6	65	75	6
ISI-67-77-6	67	77	6
ISI-70-80-6	70	80	6
ISI-71-81-6	71	81	6
ISI-75-85-6	75	85	6
ISI-80-90-6	80	90	6
ISI-85-100-9	85	100	9
ISI-90-105-9	90	105	9
ISI-95-110-9	95	110	9
ISI-98-112-8.5	98	112	8.5

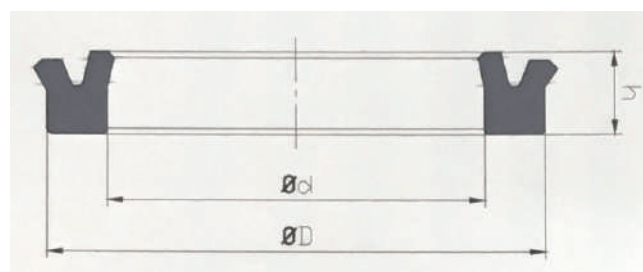
订货号/Item No.	d	D	h
ISI-100-115-9	100	115	9
ISI-105-120-9	105	120	9
ISI-106-120-8.5	106	120	8.5
ISI-106-121-9	106	121	9
ISI-110-125-9	110	125	9
ISI-112-125-9	112	125	9
ISI-118-133-9	118	133	9
ISI-120-135-9	120	135	9
ISI-125-140-9	125	140	9
ISI-130-145-9	130	145	9
ISI-136-150-8.5	136	150	8.5
ISI-140-155-9	140	155	9
ISI-145-160-9	145	160	9
ISI-150-165-9	150	165	9
i ISI-155-170-9	155	170	9
ISI-160-175-9	160	175	9
ISI-165-180-9	165	180	9
ISI-170-185-9	170	185	9
ISI-175-190-9	175	190	9
ISI-180-200-12	180	200	12
ISI-190-210-12	190	210	12
ISI-200-220-12	200	220	12
ISI-204-224-12	204	224	12
ISI-210-230-12	210	230	12
ISI-220-240-12	220	240	12
ISI-225-245-12	225	245	12
ISI-230-250-12	230	250	12
ISI-240-260-12	240	260	12
ISI-250-270-12	250	270	12
ISI-260-285-16	260	285	16
ISI-270-295-16	270	295	16
ISI-280-305-16	280	305	16
ISI-290-315-16	290	315	16
ISI-300-325-16	300	325	16



本产品是在沟槽中作紧配合安装活塞专用的一种唇形密封件。
OSI Piston seal is a lip-seal which fits tightly in the groove.

材质: TPU
产品硬度: 90 ± 2A
颜色: 黄色
工作压力: ≤31,5MPa
工作速度: ≤0.5m/s
工作温度: -35℃ ~ +80℃

Technical Data
Operating conditions
Pressure: ≤31,5MPa
Temperature: -35℃ ~ +80℃ C
Speed: ≤0.5m/s
Material: TPU
Hardness: 90-95 Shore A
Color: Yellow



订货号/Item No.	d	D	h
OSI 27-35-5	18	26	5
OSI 27.5-35.5-5	20	28	5
OSI 28-35.5-5	22.4	30	5
OSI 30-40-6	22.4	30.4	5
OSI 31.5-41.5-6	23.5	31.5	5
OSI 35-45-6	25	33	5
OSI 35.5-45-6	25	35	5
OSI 40-50-6	28	35.5	5
OSI 45-55-6	28	36	5
OSI 45-56-7	30	40	6
OSI 46-56-6	31.5	41.5	6
OSI 50-60-6	35	45	6
OSI 53-63-6	35.5	45	6
OSI 55-65-6	35.5	45.5	6
OSI 56-66-6	40	50	6
OSI 60-70-6	45	55	6
OSI 60-71-7	45	56	7
OSI 61-71-6	50	60	6
OSI 63-73-6	53	63	6
OSI 65-75-6	55	65	6
OSI 67-77-6	56	66	6
OSI 70-80-6	60	70	6
OSI 71-80-6	60	71	7
OSI 75-85-6	63	73	6
OSI 80-90-6	65	75	6
OSI 85-100-9	67	77	6
OSI 90-105-9	70	80	6
OSI 95-110-9	71	81	6

订货号/Item No.	d	D	h
OSI 98-112-8.5	112	98	8.5
OSI 100-115-9	115	100	9
OSI 105-120-9	120	105	9
OSI 106-120-8.5	120	106	8.5
OSI 112-125-9	125	112	9
OSI 115-130-9	130	115	9
OSI 125-140-9	140	125	9
OSI 135-150-9	150	135	9
OSI 136-150-8.5	150	136	8.5
OSI 140-155-9	155	140	9
OSI 145-160-9	160	145	9
OSI 155-170-9	170	155	9
OSI 160-175-9	175	160	9
OSI 165-180-9	180	165	9
OSI 175-190-9	190	175	9
OSI 180-200-12	200	180	12
OSI 190-210-12	210	190	12
OSI 200-220-12	220	200	12
OSI 204-224-12	224	204	12
OSI 205-225-12	225	205	12
OSI 210-210-12	230	210	12
OSI 220-240-12	240	220	12
OSI 230-250-12	250	230	12
OSI 240-260-12	260	240	12
OSI 250-270-12	270	250	12
OSI 255-280-16	280	255	16
OSI 265-290-16	290	265	16
OSI 275-300-16	300	275	16

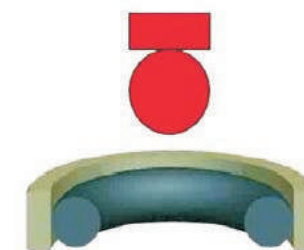


材质: PTFE+青铜粉
工作压力: W50MPa
工作温度: -35~+200P。
(取决于型圈材质)
运行速度: W4m/s
介质: 几乎所有介质

Material: PTFE+Bronze
Pressure: w50MPa
Temperature: -35 ~ +200^0
Speed: W4m/s

本产品是由一个密封环 (PTFE复合材料) 和一个O型圈 (NBR或FKM) 组成的活塞专用密封件。是液压密封中双向作用活塞密封的最佳选择。具体应用例子有: 注塑机、机床、压力机、挖土机、叉车等。
耐磨性能好, 启动摩擦系数小, 无爬行现象, 较易安装, 适用于液压缸双作用活塞。

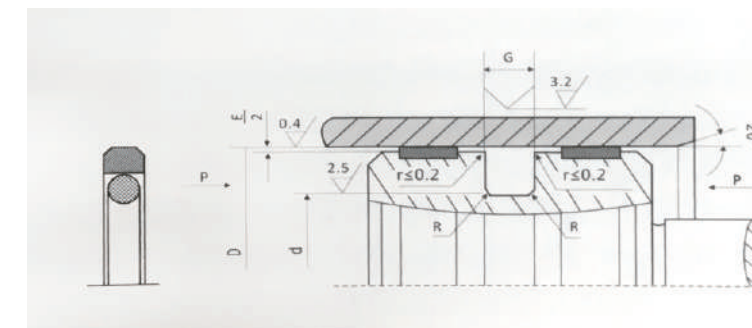
Description: The double acting HL.STD Glyd-Ring is a combination of a slip per seal and an energizing O-Ring. It is produced with an interference fit which together with the squeeze of the O-Ring ensures a good sealing effect even at low pressure. At higher system pressures the O-Ring is energized by the fluid pushing the Glyd-Ring against the sealing face with increased force. HL.STD works perfectly as double acting piston seals of hydraulic components such as injection molding machines, machine tools, presses, excavators, forklifts & handling machinery, agriculture equipment, valves for hydraulic & pneumatic circuits and so on.



格莱圈 SPGO(Glyd ring)

Advantages

- High abrasion resistance
- No stick-slip effect when starting for smooth operation
- Minimum static and dynamic friction coefficient for a minimum energy loss and operating temperature
- No adhesive effect to the mating surface during long period of inactivity or storage
- Easy installation



订货号/Item No.	D	d	G	R	E	
	h9	H9	0.2	max	0-20Mpa	20-40Mpa
HL.STD-008	8	3.1	2.2	0.5	0.6-0.4	0.4-0.3
HL.STD-010	10	5.1	2.2	0.5	0.6-0.4	0.4-0.3
HL.STD-012	12	7.1	2.2	0.5	0.6-0.4	0.4-0.3
HL.STD-014	14	9.1	2.2	0.5	0.6-0.4	0.4-0.3
HL.STD-015	15	7.5	3.2	0.5	0.8-0.5	0.5-0.3
HL.STD-016	16	8.5	3.2	0.5	0.8-0.5	0.5-0.3
HL.STD-018	18	10.5	3.2	0.5	0.8-0.5	0.5-0.3
HL.STD-020	20	12.5	3.2	0.5	0.8-0.5	0.5-0.3
HL.STD-022	22	14.5	3.2	0.5	0.8-0.5	0.5-0.3
HL.STD-025	25	17.5	3.2	0.5	0.8-0.5	0.5-0.3
HL.STD-028	28	20.5	3.2	0.5	0.8-0.5	0.5-0.3
HL.STD-030	30	22.5	3.2	0.5	0.8-0.5	0.5-0.3
HL.STD-032	32	24.5	3.2	0.5	0.8-0.5	0.5-0.3
HL.STD-035	35	27.5	3.2	0.5	0.8-0.5	0.5-0.3
HL.STD-036	36	28.5	3.2	0.5	0.8-0.5	0.5-0.3
HL.STD-038	38	30.5	3.2	0.5	0.8-0.5	0.5-0.3

订货号/Item No.	D	d	G	R	E	
	h9	H9	0.2	max	0-20Mpa	20-40Mpa
HL.STD-039	39	31.5	3.2	0.5	0.8-0.5	0.5-0.3
HL.STD-040	40	29	4.2	0.7	0.8-0.5	0.5-0.3
HL.STD-045	45	34	4.2	0.7	0.8-0.5	0.5-0.3
HL.STD-048	48	37	4.2	0.7	0.8-0.5	0.5-0.3
HL.STD-050	50	39	4.2	0.7	0.8-0.5	0.5-0.3
HL.STD-052	52	41	4.2	0.7	0.8-0.5	0.5-0.3
HL.STD-055	55	44	4.2	0.7	0.8-0.5	0.5-0.3
HL.STD-060	60	49	4.2	0.7	0.8-0.5	0.5-0.3
HL.STD-063	63	52	4.2	0.7	0.8-0.5	0.5-0.3
HL.STD-064	64	53	4.2	0.7	0.8-0.5	0.5-0.3
HL.STD-065	65	54	4.2	0.7	0.8-0.5	0.5-0.3
HL.STD-070	70	59	4.2	0.7	0.8-0.5	0.5-0.3
HL.STD-075	75	64	4.2	0.7	0.8-0.5	0.5-0.3
HL.STD-080	80	64.5	6.3	1.2	1-0.6	0.6-0.4
HL.STD-085	85	69.5	6.3	1.2	1-0.6	0.6-0.4
HL.STD-089	89	73.5	6.3	1.2	1-0.6	0.6-0.4
HL.STD-090	90	74.5	6.3	1.2	1-0.6	0.6-0.4
HL.STD-095	95	79.5	6.3	1.2	1-0.6	0.6-0.4
HL.STD-100	100	84.5	6.3	1.2	1-0.6	0.6-0.4
HL.STD-105	105	89.5	6.3	1.2	1-0.6	0.6-0.4
HL.STD-110	110	94.5	6.3	1.2	1-0.6	0.6-0.4
HL.STD-115	115	99.5	6.3	1.2	1-0.6	0.6-0.4
HL.STD-120	120	104.5	6.3	1.2	1-0.6	0.6-0.4
HL.STD-125	125	109.5	6.3	1.2	1-0.6	0.6-0.4
HL.STD-130	130	114.5	6.3	1.2	1-0.6	0.6-0.4
HL.STD-132	132	116.5	6.3	1.2	1-0.6	0.6-0.4
HL.STD-133	133	112	8.1	1.5	1-0.6	0.6-0.4
HL.STD-135	135	114	8.1	1.5	1-0.6	0.6-0.4
HL.STD-140	140	119	8.1	1.5	1-0.6	0.6-0.4
HL.STD-145	145	124	8.1	1.5	1-0.6	0.6-0.4
HL.STD-150	150	129	8.1	1.5	1-0.6	0.6-0.4
HL.STD-155	155	134	8.1	1.5	1-0.6	0.6-0.4
HL.STD-160	160	139	8.1	1.5	1-0.6	0.6-0.4
HL.STD-165	165	144	8.1	1.5	1-0.6	0.6-0.4
HL.STD-170	170	149	8.1	1.5	1-0.6	0.6-0.4
HL.STD-175	175	154	8.1	1.5	1-0.6	0.6-0.4
HL.STD-180	180	159	8.1	1.5	1-0.6	0.6-0.4
HL.STD-185	185	164	8.1	1.5	1-0.6	0.6-0.4
HL.STD-190	190	169	8.1	1.5	1-0.6	0.6-0.4
HL.STD-195	195	174	8.1	1.5	1-0.6	0.6-0.4
HL.STD-200	200	179	8.1	1.5	1-0.6	0.6-0.4
HL.STD-205	205	184	8.1	1.5	1-0.6	0.6-0.4
HL.STD-210	210	189	8.1	1.5	1-0.6	0.6-0.4
HL.STD-215	215	194	8.1	1.5	1-0.6	0.6-0.4
HL.STD-220	220	199	8-1	1.5	1-0.6	0.6-0.4
HL.STD-225	225	204	8.1	1.5	1-0.6	0.6-0.4
HL.STD-230	230	209	8.1	1.5	1-0.6	0.6-0.4
HL.STD-235	235	214	8.1	1.5	1-0.6	0.6-0.4
HL.STD-240	240	219	8.1	1.5	1-0.6	0.6-0.4
HL.STD-245	245	224	8.1	1.5	1-0.6	0.6-0.4
HL.STD-250	250	229	8.1	1.5	1-0.6	0.6-0.4
HL.STD-255	255	234	8.1	1.5	1-0.6	0.6-0.4
HL.STD-260	260	239	8.1	1.5	1-0.6	0.6-0.4
HL.STD-265	265	244	8.1	1.5	1-0.6	0.6-0.4
HL.STD-270	270	249	8.1	1.5	1-0.6	0.6-0.4
HL.STD-275	275	254	8.1	1.5	1-0.6	0.6-0.4
HL.STD-280	280	259	8.1	1.5	1-0.6	0.6-0.4
HL.STD-285	285	264	8.1	1.5	1-0.6	0.6-0.4
HL.STD-290	290	269	8.1	1.5	1-0.6	0.6-0.4
HL.STD-295	295	274	8.1	1.5	1-0.6	0.6-0.4
HL.STD-300	300	279	8.1	1.5	1-0.6	0.6-0.4
HL.STD-310	310	289	8.1	1.5	1-0.6	0.6-0.4
HL.STD-320	320	299	8.1	1.5	1-0.6	0.6-0.4
HL.STD-330	330	305.5	8.1	1.5	1-0.6	0.6-0.4
HL.STD-340	340	315.5	8.1	1.5	1-0.6	0.6-0.4
HL.STD-350	350	325.5	8.1	1.5	1.2-0.7	0.7-0.5

订货号/Item No.	D	d	G	R	E	
	h9	H9	0.2	max	0-20Mpa	20-40Mpa
HL.STD-360	360	335.5	8.1	1.5	1.2-0.7	0.7-0.5
HL.STD-370	370	345.5	8.1	1.5	1.2-0.7	0.7-0.5
HL.STD-380	380	355.5	8.1	1.5	1.2-0.7	0.7-0.5
HL.STD-390	390 400	365.5	8.1	1.5	1.2-0.7	0.7-0.5
HL.STD-400	400	375.5	8.1	1.5	1.2-0.7	0.7-0.5
HL.STD-410	410	385.5	8.1	1.5	1.2-0.7	0.7-0.5
HL.STD-420	420	395.5	8.1	1.5	1.2-0.7	0.7-0.5
HL.STD-430	430	405.5	8.1	1.5	1.2-0.7	0.7-0.5
HL.STD-440	440	415.5	8.1	1.5	1.2-0.7	0.7-0.5
HL.STD-450	450	425.5	8.1	1.5	1.2-0.7	0.7-0.5
HL.STD-460	460	435.5	8.1	1.5	1.2-0.7	0.7-0.5
HL.STD-470	470	445.5	8.1	1.5	1.2-0.7	0.7-0.5
HL.STD-480	480	455.5	8.1	1.5	1.2-0.7	0.7-0.5
HL.STD-480	490	465.5	8.1	1.5	1.2-0.7	0.7-0.5
HL.STD-500	500	475.5	8.1	1.5	1.2-0.7	0.7-0.5
HL.STD-510	510	485.5	8.1	1.5	1.2-0.7	0.7-0.5
HL.STD-520	520	495.5	8.1	1.5	1.2-0.7	0.7-0.5
HL.STD-530	530	505.5	8.1	1.5	1.2-0.7	0.7-0.5
HL.STD-540	540	515.5	8.1	1.5	1.2-0.7	0.7-0.5
HL.STD-550	550	525.5	8.1	1.5	1.2-0.7	0.7-0.5
HL.STD-560	560	535.5	8.1	1.5	1.2-0.7	0.7-0.5
HL.STD-570	570	545.5	8.1	1.5	1.2-0.7	0.7-0.5
HL.STD-580	580	555.5	8.1	1.5	1.2-0.7	0.7-0.5
HL.STD-590	590	565.5	8.1	1.5	1.2-0.7	0.7-0.5
HL.STD-600	600	575.5	8.1	1.5	1.2-0.7	0.7-0.5
HL.STD-610	610	585.5	8.1	1.5	1.2-0.7	0.7-0.5
HL.STD-620	620	595.5	8.1	1.5	1.2-0.7	0.7-0.5

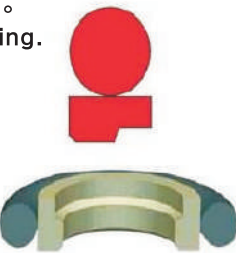
轴用组合密封圈-斯特封 Step seal (STd)



材 质：PTFE+青铜粉，
O型圈:NBR, FKM
工作压力：≤50Mpa。
工作温度：-30℃~+200℃。
（取决于O型圈材质）
运行速度：≤5m/s。

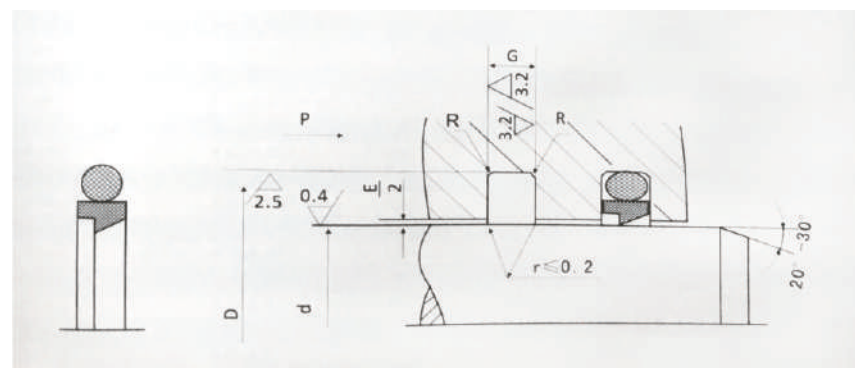
Material : PTFE+Bronze and
O-RING:NBR,FKM
Pressure : ≤50MPa
Temperature: -35℃~+200℃
(Depend on O-ring)
Speed: ≤4m/s

HL.STd是由一个密封环（PTFE复合材料）和一个。型圈（NBR或FKM）组成的活塞专用密封件。
The double acting HL.STd Glyd-Ring is a compact seal of a slipper seal and an energizing O-Ring.
耐磨性能好，启动摩擦系数小，无爬行现象，抗挤出，耐冲击，耐高温，较易安装。
此密封与双作用防尘圈（如DHS）配用，将取得极好的密封效果。
It is produced with an interference fit which together with the squeeze of the O-Ring ensures a good sealing effect even at low pressure.
At higher system pressures.the O-Ring is energized by the fluid,pushing the Glyd-Ring against the sealing face with increased force.
HL.STd works perfectly as double acting piston seals of hydraulic components such as injection molding machines,machine tools, presses .excavators ,forklifts&hand ling machinery, agriculture equipment,valves for hydraulic&pneumatic circuits and so on.



斯特封 GSJ (Step Seal)

- Advantages
- High abrasion resistance
 - No stick-slip effect when starting for smooth operation
 - Minimum static and dynamic friction coefficient for a minimum energy loss and operating temperature
 - No adhesive effect to the mating surface during long period of inactivity or storage
 - Easy installation



订货号/Item No.	D	d	G	R	E	
	H9	h9	G.2	max	0-20Mpa	20-40Mpa
HL.STd-004	4	8.9	2.2	0.3	0.4-0.2	0.2-0.1
HL.STd-005	5	9.9	2.2	0.3	0.4-0.2	0.2-0.1
HL.STd-006	6	10.9	2.2	0.3	0.4-0.2	0.2-0.1
HL.STd-007	7	11.9	2.2	0.3	0.4-0.2	0.2-0.1
HL.STd-008	8	15.3	3.2	0.5	0.6-0.3	0.3-0.1
HL.STd-009	9	16.3	3.2	0.5	0.6-0.3	0.3-0.1
HL.STd-010	10	17.3	3.2	0.5	0.6-0.3	0.3-0.1
HL.STd-012	12	19.3	3.2	0.5	0.6-0.3	0.3-0.1
HL.STd-014	14	21.3	3.2	0.5	0.6-0.3	0.3-0.1
HL.STd-015	15	22.3	3.2	0.5	0.6-0.3	0.3-0.1
HL.STd-016	16	23.3	3.2	0.5	0.6-0.3	0.3-0.1
HL.STd-018	18	25.3	3.2	0.5	0.6-0.3	0.3-0.1
HL.STd-019	19	29.7	4.2	0.5	0.6-0.3	0.3-0.1
HL.STd-020	20	30.7	4.2	0.7	0.6-0.3	0.3-0.1
HL.STd-022	22	32.7	4.2	0.7	0.6-0.3	0.3-0.1
HL.STd-025	25	35.7	4.2	0.7	0.6-0.3	0.3-0.1
HL.STd-028	28	38.7	4.2	0.7	0.6-0.3	0.3-0.1
HL.STd-030	30	40.7	4.2	0.7	0.6-0.3	0.3-0.1
HL.STd-032	32	42.7	4.2	0.7	0.6-0.3	0.3-0.1
HL.STd-035	35	45.7	4.2	0.7	0.6-0.3	0.3-0.1
HL.STd-036	36	46.7	4.2	0.7	0.6-0.3	0.3-0.1
HL.STd-038	38	53	6.3	0.7	0.6-0.3	0.3-0.1
HL.STd-040	40	55	6.3	1.2	0.8-0.4	0.4-0.2
HL.STd-042	42	57	6.3	1.2	0.8-0.4	0.4-0.2
HL.STd-045	45	60	6.3	1.2	0.8-0.4	0.4-0.2
HL.STd-050	50	65	6.3	1.2	0.8-0.4	0.4-0.2
HL.STd-055	55	70	6.3	1.2	0.8-0.4	0.4-0.2
HL.STd-056	56	71	6.3	1.2	0.8-0.4	0.4-0.2
HL.STd-060	60	75	6.3	1.2	0.8-0.4	0.4-0.2
HL.STd-063	63	78	6.3	1.2	0.8-0.4	0.4-0.2
HL.STd-065	65	80	6.3	1.2	0.8-0.4	0.4-0.2
HL.STd-070	70	85	6.3	1.2	0.8-0.4	0.4-0.2
HL.STd-075	75	90	6.3	1.2	0.8-0.4	0.4-0.2
HL.STd-080	80	85	6.3	1.2	0.8-0.4	0.4-0.2
HL.STd-085	85	100	6.3	1.2	0.8-0.4	0.4-0.2
HL.STd-090	90	105	6.3	1.2	0.8-0.4	0.4-0.2
HL.STd-095	95	110	6.3	1.2	0.8-0.4	0.4-0.2
HL.STd-100	100	115	6.3	1.2	0.8-0.4	0.4-0.2
HL.STd-105	105	120	6.3	1.2	0.8-0.4	0.4-0.2
HL.STd-110	110	125	6.3	1.2	0.8-0.4	0.4-0.2
HL.STd-115	115	130	6.3	1.2	0.8-0.4	0.4-0.2
HL.STd-120	120	135	6.3	1.2	0.8-0.4	0.4-0.2
HL.STd-125	125	140	6.3	1.2	0.8-0.4	0.4-0.2
HL.STd-130	130	145	6.3	1.2	0.8-0.4	0.4-0.2
HL.STd-135	135	150	6.3	1.2	0.8-0.4	0.4-0.2
HL.STd-140	140	155	6.3	1.2	0.8-0.4	0.4-0.2
HL.STd-145	145	160	6.3	1.2	0.8-0.4	0.4-0.2
HL.STd-150	150	165	6.3	1.2	0.8-0.4	0.4-0.2
HL.STd-155	155	170	6.3	1.2	0.8-0.4	0.4-0.2

[illegible]



本产品是在沟槽中作紧配合安装活塞杆通用的唇形密封件。
USH Piston seal is a lip-seal which fits tightly in the groove.

材质：丁腈橡胶（NBR）,氟橡胶（FKM）

产品硬度：85 ± 2A

颜色：黑色，棕色

工作速度：≤0.5m/s

工作温度：-30℃ ~ +100℃

Technical Data

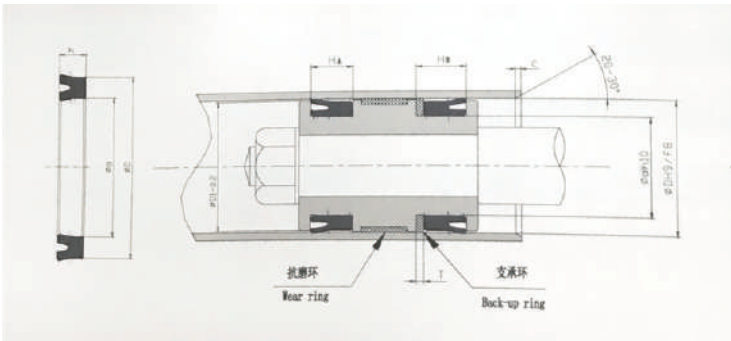
Temperature: -30℃ ~ +100℃

Speed: ≤0.5m/s

Material: NBR, FKM

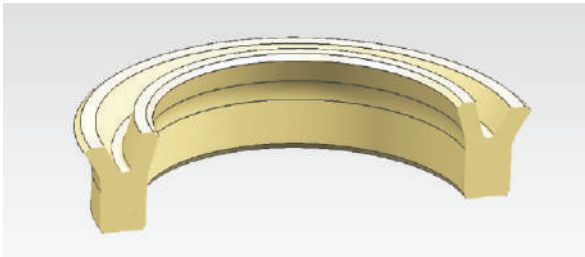
Hardness: 85 ± 2A

Color: BLOCK, Brown



订货号/Item No.	d	D	h
USH-14-22-5	14	22	5
USH-16-24-5	16	24	5
USH-18-26-5	18	26	5
USH-20-28-5	20	28	5
USH-22-30-5	22	30	5
USH-22.4-30-5	22.4	30	5
USH-23.5-31.5-5	23.5	31.5	5
USH-24-32-5	24	32	5
USH-25-33-5	25	33	5
USH-27-35-5	27	35	5
USH-28-35.5-5	28	35.5	5
USH-28-36-5	28	36	5
USH-30-40-6	30	40	6
USH-31.5-41.5-6	31.5	41.5	6
USH-32-42-6	32	42	6
USH-35-45-6	35	45	6
USH-35.5-45-6	35.5	45	6
USH-35.5-45.5-6	35.5	45.5	6
USH-36-46-6	36	46	6
USH-40-50-6	40	50	6
USH-45-55-6	45	55	6
USH-45-56-7	45	56	7
USH-50-60-6	50	60	6
USH-53-63-6	53	63	6
USH-55-65-6	55	65	6
USH-56-66-6	56	66	6
USH-58-68-6	58	68	6
USH-60-70-6	60	70	6
USH-60-71-7	60	71	7
USH-63-73-6	63	73	6
USH-65-75-6	65	75	6
USH-67-77-6	67	77	6
USH-70-80-6	70	80	6
USH-71-80-6	71	80	6

订货号/Item No.	d	D	h
USH-14-22-5	14	22	5
USH-16-24-5	16	24	5
USH-18-26-5	18	26	5
USH-20-28-5	20	28	5
USH-22-30-5	22	30	5
USH-22.4-30-5	22.4	30	5
USH-23.5-31.5-5	23.5	31.5	5
USH-24-32-5	24	32	5
USH-25-33-5	25	33	5
USH-27-35-5	27	35	5
USH-28-35.5-5	28	35.5	5
USH-28-36-5	28	36	5
USH-30-40-6	30	40	6
USH-31.5-41.5-6	31.5	41.5	6
USH-32-42-6	32	42	6
USH-35-45-6	35	45	6
USH-35.5-45-6	35.5	45	6
USH-35.5-45.5-6	35.5	45.5	6
USH-36-46-6	36	46	6
USH-40-50-6	40	50	6
USH-45-55-6	45	55	6
USH-45-56-7	45	56	7
USH-50-60-6	50	60	6
USH-53-63-6	53	63	6
USH-55-65-6	55	65	6
USH-56-66-6	56	66	6
USH-58-68-6	58	68	6
USH-60-70-6	60	70	6
USH-60-71-7	60	71	7
USH-63-73-6	63	73	6
USH-65-75-6	65	75	6
USH-67-77-6	67	77	6
USH-70-80-6	70	80	6
USH-71-80-6	71	80	6



Advantages
-Unusually high abrasion resistance.
-Insensibility against shock loads and pressure peaks.
-Low compression set.

本产品是在沟槽中作紧配合安装活塞杆专用的一种唇形密封件。
YX Piston seal is a lip-seal which fits tightly in the groove.

材质：CPU、TPU

产品硬度：90 ± 2A

颜色：白色、蓝色、绿色、黄色

工作压力：w31,5MPa

工作速度：w1m/s

工作温度：-35 ~ +80°0

介质：液压油

Technical Data

Operating conditions

Pressure: W31.5Mpa

Temperature: -35 ~ +80° C

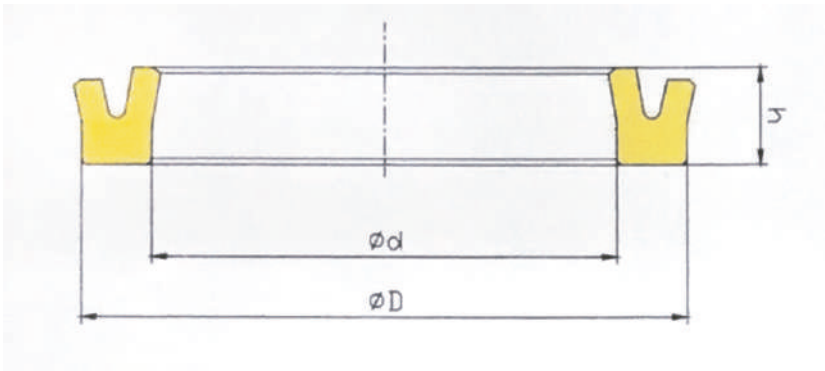
Speed: w0.5m/s

Media: Hydraulic oil (Mineral oil-based)

Material: CPU/TPU

Hardness: 90-95 Shore A

Color: Light Yellow, Blue, Green, Black



订货号/Item No.	沟槽尺寸/Groove Size		
	D	d	h
YX-D-12	12	6	9
YX-D-14	14	8	9
YX-D-16	16	10	9
YX-D-18	18	12	9
YX-D-20	20	14	9
YX-D-22	22	16	9
YX-D-25	25	19	9
YX-D-28	28	22	9
YX-D-30	30	22	12
YX-D-32	32	24	12
YX-D-35	35	27	12
YX-D-40	40	32	12
YX-D-45	45	37	12
YX-D-50	50	42	12
YX-D-55	55	47	12
YX-D-60	60	48	16
YX-D-63	63	51	16
YX-D-65	65	53	16
YX-D-70	70	58	16
YX-D-75	75	63	16

订货号/Item No.	沟槽尺寸/Groove Size		
	D	d	h
YX-D-80	80	68	16
YX-D-85	85	73	16
YX-D-90	90	78	16
YX-D-95	95	83	16
YX-D-100	100	88	16
YX-D-105	105	89	20
YX-D-110	110	90	18
YX-D-110	110	94	20
YX-D-115	115	99	20
YX-D-120	120	104	20
YX-D-125	125	109	20
YX-D-130	130	114	20
YX-D-135	135	119	20
YX-D-140	140	124	20
YX-D-145	145	129	20
YX-D-150	150	134	20
YX-D-155	155	139	20
YX-D-160	160	144	20
YX-D-165	165	149	20
YX-D-170	170	154	20

订货号/Item No.	沟槽尺寸/Groove Size		
	D	d	h
YX-D-175	175	159	20
YX-D-180	180	164	20
YX-D-185	185	169	20
YX-D-190	190	174	20
YX-D-195	195	179	20
YX-D-200	200	184	13
YX-D-200	200	184	20
YX-D-210	210	194	20
YX-D-215	215	199	20
YX-D-220	220	204	20
YX-D-225	225	209	20
YX-D-230	230	214	20
YX-D-240	240	224	20
YX-D-245	245	229	20
YX-D-250	250	234	20
YX-D-255	255	139	20
YX-D-260	260	244	20
YX-D-265	265	249	20
YX-D-270	270	254	20
YX-D-280	280	267	20
YX-D-285	285	269	20
YX-D-290	290	274	20
YX-D-300	300	284	20
YX-D-310	310	286	26.5
YX-D-325	325	301	26.5
YX-D-320	320	296	26.5
YX-D-330	330	306	26.5
YX-D-340	340	316	26.5

订货号/Item No.	沟槽尺寸/Groove Size		
	D	d	h
	350	326	26.5
YX-D-360	360	336	26.5
	370	346	26.5
YX-D-380	380	356	26.5
	390	366	26.5
YX-D-400	400	376	26.5
	420	396	26.5
YX-D-440	440	416	26.5
	450	426	26.5
YX-D-470	470	446	26.5
	480	456	26.5
YX-D-500	500	476	26.5
	520	496	26.5
YX-D-530	530	506	26.5
	540	516	26.5
YX-D-550	550	526	26.5
	560	536	26.5
YX-D-580	580	556	26.5
	600	576	26.5
YX-D-630	630	606	26.5
	650	626	26.5
YX-D-680	680	656	26.5
	700	676	26.5
YX-D-750	750	726	26.5
	800	776	26.5
YX-D-850	850	826	26.5
	900	876	26.5

我们提供各种规格尺寸的O型圈修理盒，材质可选NBR70B,NBR90B,FKM80等。
Supply oring-box,AS568,J-P/G,MEFRIC and other size,Material have NBR70B,NBR90B,FKM80N and so on.

美标AS568, 30MODEL=382PCS(红RED)	
规 格	数量
2.9*1.78	20
3.68*1.78	20
4.47*1.78	20
5.28*1.78	20
6.07*1.78	20
7.65*1.78	20
9.25*1.78	20
9.19*2.62	13
10.77*2.62	13
12.37*2.62	13
13.94*2.62	13
15.54*2.62	13
17.12*2.62	13
18.72*2.62	13
18.64*3.53	10

美标AS568, 30MODEL=382PCS(红RED)	
规 格	数量
20.22*3.53	10
21.82*3.53	10
23.39*3.53	10
24.99*3.53	10
26.57*3.53	10
28.17*3.53	10
29.74*3.53	10
31.34*3.53	10
32.92*3.53	10
34.52*3.53	10
36.09*3.53	10
37.69*3.53	10
37.47*5.33	7
40.64*5.33	7
43.82*5.33	7



HL SEALING

o-ring kit

NUMBER	METRIC		QUANTITY
	d.	W.	
568--006	2.90	1.78	20PCS
--007	3.69	1.78	20PCS
--008	4.47	1.78	20PCS
--009	5.29	1.78	20PCS
--010	6.07	1.78	20PCS
--011	7.65	1.78	20PCS
--012	9.25	1.78	20PCS
--110	9.19	2.62	13PCS
--111	10.77	2.62	13PCS
--112	12.37	2.62	13PCS
--113	13.95	2.62	13PCS
--114	15.54	2.62	13PCS
--115	17.12	2.62	13PCS
--116	18.72	2.62	13PCS
--210	18.64	3.53	10PCS
--211	20.22	3.53	10PCS
--212	21.82	3.53	10PCS
--213	23.39	3.53	10PCS
--214	25.00	3.53	10PCS
--215	26.57	3.53	10PCS
--216	28.17	3.53	10PCS
--217	29.75	3.53	10PCS
--218	31.34	3.53	10PCS
--219	32.92	3.53	10PCS
--220	34.52	3.53	10PCS
--221	36.10	3.53	10PCS
--222	37.70	3.53	10PCS
--325	37.47	5.34	7PCS
--326	40.65	5.34	7PCS
--327	43.82	5.34	7PCS

NINGBO HUANLING SEALING TECHNOLOGY CO.,LTD.
www.hl-sealing.com

O型圈修理盒 O-Ring Kit



我们提供各种规格尺寸的O型圈修理盒，材质可选NBR70B,NBR90B,FKM80等。
Supply oring-box,AS568,J-P/G,MEFRIC and other size,Material have NBR70B,NBR90B,FKM80N and so on.

日标J-P/G, 30MODEL=382PCS(蓝BLUE)	
规 格	数量
2.8*1.9	20
3.8*1.9	20
4.8*1.9	18
5.8*1.9	18
6.8*1.9	18
7.8*1.9	18
8.8*1.9	18
9.8*2.4	13
10.8*2.4	13
11.8*2.4	13
13.8*2.4	13
15.8*2.4	13
17.8*2.4	13
19.8*2.4	13
20*3	11

日标J-P/G, 30MODEL=382PCS(蓝BLUE)	
规 格	数量
22*3	10
22.1*3.5	10
24.4*3.1	10
24.7*3.5	10
25.7*3.5	10
29.4*3.1	10
29.7*3.5	10
31.7*3.5	10
33.7*3.5	10
34.4*3.1	10
35.7*3.5	10
39.4*3.1	10
39.7*3.5	10
44.4*3.1	10
47.7*3.5	10



HL SEALING
o-ring kit

NUMBER	METRIC		QUANTITY
	d.	W.	
P3	2.8	1.9	20PCS
P4	3.8	1.9	20PCS
P5	4.8	1.9	18PCS
P6	5.8	1.9	18PCS
P7	6.8	1.9	18PCS
P8	7.8	1.9	18PCS
P9	8.8	1.9	18PCS
P10A	9.8	2.4	13PCS
P11	10.8	2.4	13PCS
P12	11.8	2.4	13PCS
P14	13.8	2.4	13PCS
P16	15.8	2.4	13PCS
P18	17.8	2.4	13PCS
P20	19.8	2.4	13PCS
G26	20.0	3.0	10PCS
G22	22.00	3.0	10PCS
P22.4	22.10	3.5	10PCS
G25	24.40	3.1	10PCS
P25	24.70	3.5	10PCS
P25	25.70	3.5	10PCS
G30	29.40	3.1	10PCS
P30	29.70	3.5	10PCS
P32	31.70	3.5	10PCS
P34	33.70	3.5	10PCS
G35	34.40	3.1	10PCS
P35	35.70	3.5	10PCS
G40	39.40	3.1	10PCS
P40	39.70	3.5	10PCS
G45	44.40	3.1	10PCS
P48	47.70	3.5	10PCS

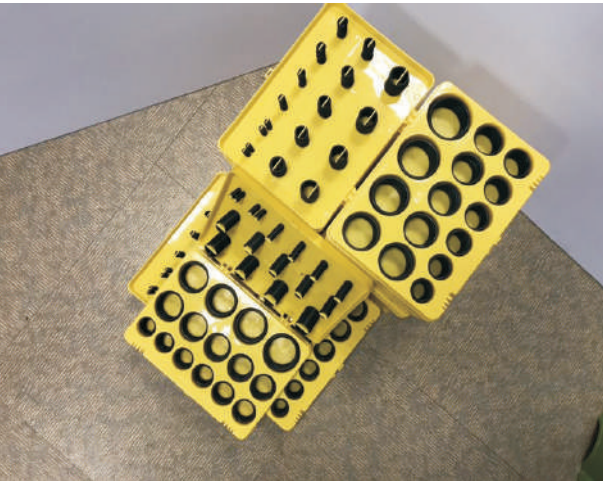
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www.hi-sealing.com



我们提供各种规格尺寸的O型圈修理盒，材质可选NBR70B,NBR90B,FKM80等。
Supply oring-box,AS568,J-P/G,MEFRIC and other size,Material have NBR70B,NBR90B,FKM80N and so on.

国标, MEFRIC, 30MODEL=386PCS (YELLOW)	
规 格	数量
3*2	16
4*2	16
5*2	16
6*2	16
7*2	16
8*2	16
10*2	16
10*2.5	13
11*2.5	13
12*2.5	13
14*2.5	13
16*2.5	13
17*2.5	13
19*2.5	13
19*3	12

国标, MEFRIC, 30MODEL=386PCS (YELLOW)	
规 格	数量
20*3	12
22*3	12
24*3	12
25*3	12
27*3	12
28*3	12
30*3	12
32*3	12
33*3	12
35*3	12
36*3	12
38*3	12
38*4	9
41*4	9
44*4	9



HL SEALING
o-ring kit

NUMBER	METRIC		QUANTITY
	d.	W.	
5C-01	3.0	2.0	16PCS
02	4.0	2.0	16PCS
03	5.0	2.0	16PCS
04	6.0	2.0	16PCS
05	7.0	2.0	16PCS
06	8.0	2.0	16PCS
07	10	2.0	16PCS
08	10	2.5	13PCS
09	11	2.5	13PCS
10	12	2.5	13PCS
11	14	2.5	13PCS
12	16	2.5	13PCS
13	17	2.5	13PCS
14	19	2.5	13PCS
15	19	3.0	12PCS
16	20	3.0	12PCS
17	22	3.0	12PCS
18	24	3.0	12PCS
19	25	3.0	12PCS
20	27	3.0	12PCS
21	28	3.0	12PCS
22	30	3.0	12PCS
23	32	3.0	12PCS
24	33	3.0	12PCS
25	35	3.0	12PCS
26	36	3.0	12PCS
27	38	3.0	12PCS
28	38	4.0	9PCS
29	41	4.0	9PCS
30	44	4.0	9PCS

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材料之物性表

材質名稱 物性等級	丁腈橡膠 NBR (N)	氯化丁腈橡膠 HNBR (H)	羧基丁腈橡膠 XNBR (X)	三元乙丙橡膠 EPDM (E)	硅矽橡膠 VMQ (S)	氯丁橡膠 CR (C)	氟素橡膠 FKM (V)	四丙基橡膠 AFLAS (L)	氟硅橡膠 FVMQ (F)	全氟橡膠 FFKM (K)	聚四氟乙烯 PTFE (T)	聚氨酯 PU (U)	氟醚橡膠 ECO (O)	天然橡膠 NR (R)	丁基橡膠 SBR (B)	丁基橡膠 IIR (I)	丙烯酸酯 ACR (A)
物性要求	抗臭氧性	耐寒性	耐熱性	耐化學藥品性	耐油性	密水性	耐寒性	耐腐蝕性	抗變形性	耐酸性	耐鹼性	張力強度	耐水蒸氣性	抗燃性	儲存穩定性 (Y=年)		
物性要求	△	○	120℃	○	○	○	-10℃	○	○	△	○	○	○	○	○	○	○
抗臭氧性	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
耐寒性	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
耐熱性	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
耐化學藥品性	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
耐油性	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
密水性	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
耐寒性	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
耐腐蝕性	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
抗變形性	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
耐酸性	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
耐鹼性	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
張力強度	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
耐水蒸氣性	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
抗燃性	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
儲存穩定性 (Y=年)	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○

圖標說明:	○ 特佳	○ 佳	△ 普通	× 差
常用材料參考色	紅色	橙色	黃色	綠色
標準色號 (PANTONE)	187C	1665C	7404U	3298C
常用材料參考色	藍色	灰色	紫色	棕色
標準色號 (PANTONE)	280C	431C	2665U	4975C
常用材料參考色	牛奶色	牛奶色	牛奶色	牛奶色
標準色號 (PANTONE)	Warm gray 1C	Warm gray 1C	Warm gray 1C	Warm gray 1C