



$R \leq 0.3$
 $R_1 \leq 0.5$
 $R_2 \leq 1$

The inner surface of the cylinder tube should be finished by burnishing (RLB) or honing (GH) to 0.4 to 3.2 μm Rz (0.1 to 0.8 μm Ra). Especially under severe lubricating condition, burnishing is required.

Model	ϕD	ϕd	h	HA	HB	A	C
ODU-16	16	10	8	9	10.5	4	0.5
ODU-16	16	10	4	5	6.5	4	0.5
ODU-20	20	14	6.5	7.5	9	4	0.5
ODU-20	20	14	8	9	10.5	4	0.5
ODU-22	22	16	8	9	10.5	4	0.5
ODU-25	25	19	8	9	10.5	4	0.5
ODU-28	28	22	8	9	10.5	4	0.5
ODU-30	30	22	10	12	13.5	4	0.5
ODU-32	32	24	10	12	13.5	4	0.5
ODU-35	35	27	10	12	13.5	4	0.5
ODU-36	36	28	10	12	13.5	4	0.5
ODU-40	40	32	10	12	13.5	4	0.5
ODU-45	45	37	10	12	13.5	4	0.5
ODU-50	50	42	10	12	13.5	4	0.5
ODU-55	55	43	14	16	18	5	0.5
ODU-55	55	47	7	8	9.5	4	0.5
ODU-55	55	47	10	12	13.5	4	0.5
ODU-56	56	48	10	12	13.5	4	1
ODU-56	56	44	14	16	18	5	1
ODU-60	60	48	14	16	18	5	1
ODU-63	63	51	14	16	18	5	1
ODU-65	65	53	14	16	18	5	1
ODU-70	70	58	14	16	18	5	1
ODU-75	75	63	14	16	18	5	1
ODU-80	80	68	14	16	18	5	1
ODU-85	85	73	14	16	18	5	1
ODU-90	90	78	14	16	18	5	1
ODU-95	95	83	14	16	18	5	1
ODU-100	100	85	9.5	11.5	13	5	1
ODU-100	100	88	9.5	11.5	13	5	1
ODU-100	100	88	14	16	18	5	1
ODU-100	100	88	18	20	22.5	5	1
ODU-105	105	89	18	20	22.5	5	1
ODU-105	105	93	14	16	18	5	1
ODU-110	110	90	16	18	20.5	5	1



Model	φD	φd	h	HA	HB	A	C
ODU-110	110	94	18	20	22.5	5	1
ODU-110	110	98	14	16	18	5	1
ODU-115	115	103	14	16	18	5	1
ODU-115	115	99	18	20	22.5	5	1
ODU-120	120	104	18	20	22.5	5	1
ODU-120	120	108	14	16	18	5	1
ODU-125	125	109	18	20	22.5	5	1
ODU-125	125	113	14	16	18	5	1
ODU-130	130	114	18	20	22.5	5	1
ODU-130	130	118	14	16	18	5	1
ODU-135	135	119	18	20	22.5	5	1
ODU-140	140	124	18	20	22.5	5	1
ODU-140	140	128	14	16	18	5	1
ODU-145	145	129	18	20	22.5	5	1
ODU-150	150	134	18	20	22.5	5	1
ODU-150	150	138	14	16	18	5	1
ODU-155	155	139	18	20	22.5	5	1
ODU-158	158	140	7	8	10.5	5	1
ODU-160	160	144	18	20	22.5	5	1
ODU-160	160	148	14	20	18	5	1
ODU-165	165	149	18	20	22.5	6	1
ODU-170	170	154	18	20	22.5	6	1
ODU-175	175	159	18	20	22.5	6	1
ODU-180	180	164	18	20	22.5	6	1
ODU-190	190	174	18	20	22.5	6	1
ODU-195	195	179	18	20	22.5	6	1
ODU-200	200	184	12	14	16	6	1
ODU-200	200	184	18	20	22.5	6	1
ODU-210	210	194	18	20	22.5	6	1
ODU-220	220	204	18	20	22.5	6	1
ODU-225	225	209	18	20	22.5	6	1
ODU-230	230	214	14	16	18	6	1
ODU-230	230	214	18	20	22.5	6	1
ODU-240	240	217	15.5	17.5	20	6	1
ODU-240	240	228	14	16	18	6	1
ODU-240	240	224	18	20	22.5	6	1
ODU-242	242	217	15.5	17.5	20	6	1
ODU-250	250	234	18	20	22.5	6	1
ODU-260	260	244	18	20	22.5	6	1
ODU-265	265	249	18	20	22.5	6	1
ODU-270	270	254	18	20	22.5	6	1
ODU-275	275	259	18	20	22.5	6	1
ODU-280	280	264	18	20	22.5	6	1
ODU-290	290	274	18	20	22.5	6	1
ODU-300	300	284	18	20	22.5	6	1
ODU-305	305	289	18	20	22.5	6	1
ODU-310	310	286	24				
ODU-320	320	296	24	26.5	30	6	1
ODU-330	330	306	24	26.5	30	6	1
ODU-340	340	316	24	26.5	30	6	1



Model	ϕD	ϕd	h	HA	HB	A	C
ODU-350	350	326	24	26.5	30	6	1
ODU-360	360	336	24	26.5	30	6	1
ODU-370	370	346	24	26.5	30	6	1
ODU-380	380	356	24	26.5	30	6	1
ODU-400	400	376	24	26.5	30	6	1
ODU-420	420	396	24	26.5	30	6	1
ODU-450	450	426	24	26.5	30	6	1
ODU-480	480	456	24	26.5	30	6	1
ODU-500	500	476	24	26.5	30	6	1
ODU-520	520	496	24	26.5	30	6	1.5
ODU-530	530	506	24	26.5	30	6	1.5
ODU-550	550	525	14	16	18	6	1
ODU-560	560	536	24	26.5	30	6	1.5
ODU-580	580	556	24	26.5	30	6	1.5
ODU-600	600	576	24	26.5	30	6	1.5
ODU-630	630	606	24	26.5	30	6	1.5
ODU-640	640	616	24	26.5	30	6	1.5
ODU-650	650	626	24	26.5	30	6	1.5
ODU-700	700	676	24	26.5	30	6	1.5
ODU-730	730	706	24	26.5	30	6	1.5
ODU-770	770	746	24	26.5	30	6	1.5