



Teflon



Unit: mm

Model NO.	d ₁	d ₂	b ₁	α	b ₂	d ₃	d ₄	h	l ₁	d ₅	d ₆	l ₃	w	No-load starting torque	Fatigue load	Breakaway load	Weight	No-load starting torque
H ¹⁾	Reference	0 -0.13	Degrees	±0.3	±0.5	JIS class 2	±0.5	±0.7	±0.5	±0.5	±0.2 ±0.7	±0.25		kgf	kgf	kgf	g	kgf-cm
HRT-3	3	5.2	7	18	5.25	16	M3x0.5	30	16	7	9	3.5	8	3100	800	310	29	0.6-6.9
HRT-4	4	5.8	9.5	16	7.75	18	M4x0.7	32	16	8.5	11	3.5	10	4400	1100	390	35	0.6-6.9
HRT-5	5	7.8	11	15	8.75	20.5	M5x0.8	35	19	10.8	15	4.5	12	3500	900	450	40	0.6-6.9
HRT-6	6	7.8	11	15	8.75	20.5	M6x1	37	19	10.8	15	4.5	12	3400	900	450	40	0.6-6.9
HRT-8	8	10.9	11	14	8.25	23	M8x1.25	41	22	12.5	17	6.5	14	4200	1100	500	51	1.2-11.5
HRT-10	10	12.2	12.5	8	10.75	26	M10x1.5	46	24	14	19	6.5	15	4700	1200	920	73	1.2-11.5
HRT-12	12	15.4	16	10	13.25	34	M12x1.75	57	32	18.5	24	6.5	20	9800	2600	950	150	1.2-11.5
HRT-14	14	18.9	17	8	14.25	36	M14x2	60	33	19	24	7.5	20	10500	2800	970	165	1.2-11.5
HRT-16	16	19.2	19	11	15.25	39	M16x2	63.5	35	22	27	9.5	23	12700	3400	1100	218	1.2-11.5
HRT-18	18	20.4	20	10	16.3	43	M18x1.5	74	40	24	30	10	26	15300	4000	1200	283	1.2-11.5
HRT-20	20	22.9	22	11	16.3	45	M20x1.5	76	41	25	30	10	26	15300	4000	1270	330	1.2-11.5
HRT-22	22	27.1	22	6	19.3	52	M22x1.5	85	47	28	36	12	30	19800	5200	1500	580	2.3-18.4
HRT-25	25	32.3	35	15	25.3	70	M24x2	105	54	42	50	14	43	38400	10200	1960	1230	2.3-18.4
HRT-28	28	36.8	35	14	25.3	75	M27x2	110	58	44	56	15	47	35900	9500	2300	1620	2.3-18.4
HRT-30	30	40.4	37	14	26.3	78	M30x2	120	62	48	60	16	51	34400	9000	2750	1930	2.3-18.4

- Materials:**
1. Ball 440C Stainless steel
 2. Lathe 410 Stainless steel
 3. Body 303 Chromium Molybdenum Steel Zinc plated

- Notes:**
1. Teflon liner permanently bonded to the inside diameter of the lathe.
 2. For left screws, please add "L", i.e. HRTL3