

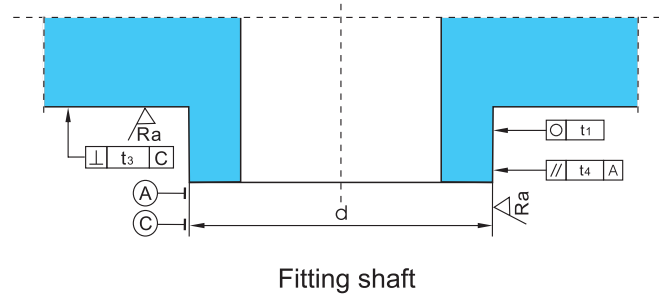
### Rotary table bearings

Bearing designations	Bore diameter d (mm)			Outer diameter D(mm)			Mounting dimensions H (mm)		Axial and radial runout (μm)
	Nominal dimension	Upper deviation	Lower deviation	Nominal dimension	Upper deviation	Lower deviation	Nominal dimension	Deviation	
YRT50	50	0	-0.008	126	0	-0.011	20	±0.125	2
YRT80	80	0	-0.009	146	0	-0.011	23.35	±0.15	3
YRT100	100	0	-0.01	185	0	-0.015	25	±0.175	3
YRT120	120	0	-0.01	210	0	-0.015	26	±0.175	3
YRT150	150	0	-0.013	240	0	-0.015	26	±0.175	3
YRT180	180	0	-0.013	280	0	-0.018	29	±0.175	4
YRT200	200	0	-0.015	300	0	-0.018	30	±0.175	4
YRT260	260	0	-0.018	385	0	-0.02	36.5	±0.2	6
YRT325	325	0	-0.023	450	0	-0.023	40	±0.2	6
YRT395	395	0	-0.023	525	0	-0.028	42.5	±0.2	6
YRT460	460	0	-0.023	600	0	-0.028	46	±0.225	6
YRT580	580	0	-0.025	750	0	-0.035	60	±0.25	10
YRT650	650	0	-0.038	870	0	-0.05	78	±0.25	10
YRT850	850	0	-0.05	1095	0	-0.063	80.5	±0.3	12
YRT950	950	0	-0.05	1200	0	-0.063	86	±0.3	12
YRT1030	1030	0	-0.063	1300	0	-0.08	92.5	±0.3	12

The accuracy of shaft and housing which fit rotary table bearings should accord with the corresponding requirements.



## ZYS® | PRECISION ROLLING BEARINGS



Tolerances of fitting shaft for rotary table bearings

Bearing designations	Journal (mm)			Roundness t1 (μm)	Perpendicularity t3 (μm)	Parallelism t4 (μm)	Surface roughness Ra (μm)
	Nominal dimension	Upper deviation	Lower deviation				
YRT50	50	0	-0.011	3	3	3	0.8
YRT80	80	0	-0.013	3	3	3	0.8
YRT100	100	0	-0.013	4	4	4	0.8
YRT120	120	0	-0.015	4	4	4	0.8
YRT150	150	0	-0.018	5	5	5	0.8
YRT180	180	0	-0.018	5	5	5	0.8
YRT200	200	0	-0.02	7	7	7	0.8
YRT260	260	0	-0.023	8	8	8	0.8
YRT325	325	0	-0.025	9	9	9	0.8
YRT395	395	0	-0.025	9	9	9	0.8
YRT460	460	0	-0.027	10	10	10	0.8
YRT580	580	0	-0.032	11	11	11	0.8
YRT650	650	0	-0.036	13	13	13	0.8
YRT850	850	0	-0.040	15	15	15	0.8
YRT950	950	0	-0.040	15	15	15	0.8
YRT1030	1030	0	-0.047	18	18	18	0.8

