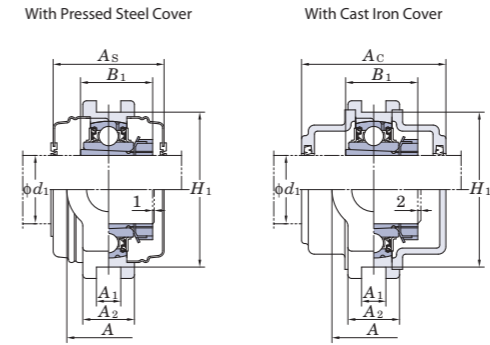
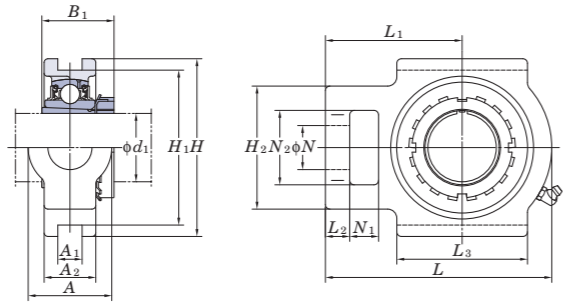


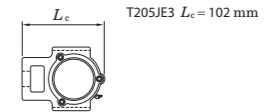
**UKT**  
Tapered bore (with adapter)  
 $d_1$  20 ~ 50 mm



Variations of tolerance of groove width ( $\Delta A_{1s}$ ), variations of tolerance of distance between both grooves ( $\Delta H_{1s}$ ), and tolerance of symmetry of both groove sides (X)

Housing No.			$\Delta A_{1s}$	$\Delta H_{1s}$	X
T205~T210	TX05~TX10	T305~T310	+0.2 0	0 -0.5	0.5
T211~T217	TX11~TX17	T311~T318 T319~T322 T324~T328	+0.3 0	0 -0.8	0.6 0.7 0.8

Form and dimension of  $L_c$  of T205JE3 (housing with cast iron cover) are shown below.



Shaft Dia. mm inch	Dimensions inch mm														Standard			Adapter No.	Mass kg	Basic Load Ratings kN		Factor $f_0$	With Pressed Steel Cover			With Cast Iron Cover				
	$d_1$	A	A <sub>1</sub>	A <sub>2</sub>	H	H <sub>1</sub>	H <sub>2</sub>	L	L <sub>1</sub>	L <sub>2</sub>	L <sub>3</sub>	N	N <sub>1</sub>	N <sub>2</sub>	B <sub>1</sub>	Unit No.	Housing No.			Bearing No.	C <sub>r</sub>		C <sub>0r</sub>	Unit No. Open Type One Side Closed Type	Dimension mm inch	Mass kg	Unit No. Open Type One Side Closed Type	Dimension mm inch	Mass kg	
20	3/4	1 1/4 32	15/32 12	15/16 24	3 1/2 89	2 63/64 76	2 51	3 13/16 97	2 7/16 62	13/32 10	2 51	3/4 19	5/8 16	1 1/4 32	1 3/8 35	UKT205	T205	UK205	14.0	7.85	13.9	—	—	—	—	—	—	—	—	—
	3/4	1 15/32 37	15/32 12	1 3/32 28	4 1/32 102	3 1/2 89	2 7/32 56	4 7/16 113	2 3/4 70	13/32 10	2 1/4 57	7/8 22	5/8 16	1 15/32 37	1 3/8 35	UKTX05	TX05	UKX05	19.5	11.3	13.9	UKT205C	UKT205CD	49 1 15/16	0.88	UKT205FC	UKT205FCD	66 2 19/32	1.3	
	3/4	1 13/32 36	15/32 12	1 1/32 26	3 1/2 89	3 5/32 80	2 7/16 62	4 13/16 122	3 76	15/32 12	2 9/16 65	1 1/32 26	5/8 16	1 13/32 36	1 3/8 35	UKT305	T305	UK305	21.2	10.9	12.6	—	—	—	—	—	—	—	—	—
25	1	1 15/32 37	15/32 12	1 3/32 28	4 1/32 102	3 1/2 89	2 7/32 56	4 7/16 113	2 3/4 70	13/32 10	2 1/4 57	7/8 22	5/8 16	1 15/32 37	1 1/2 38	UKT206	T206	UK206	19.5	11.3	13.9	UKT206C	UKT206CD	53 2 3/32	1.3	UKT206FC	UKT206FCD	70 2 3/4	1.8	
	1	1 15/32 37	15/32 12	1 3/16 30	4 1/32 102	3 1/2 89	2 17/32 64	5 3/32 129	3 1/16 78	1 1/2 13	2 17/32 64	7/8 22	5/8 16	1 15/32 37	1 1/2 38	UKTX06	TX06	UKX06	25.7	15.4	13.9	UKT206C	UKT206CD	60 2 3/8	1.7	—	—	—	—	—
	1	1 5/8 41	5/8 16	1 3/32 28	3 15/16 100	3 35/64 90	2 3/4 70	5 13/32 137	3 11/32 85	9/16 14	2 29/32 74	1 3/32 28	23/32 18	1 5/8 41	1 1/2 38	UKT306	T306	UK306	26.7	15.0	13.3	—	—	—	—	—	—	—	—	—
30	1 1/8	1 15/32 37	15/32 12	1 3/16 30	4 1/32 102	3 1/2 89	2 17/32 64	5 3/32 129	3 1/16 78	1 1/2 13	2 17/32 64	7/8 22	5/8 16	1 15/32 37	1 11/16 43	UKT207	T207	UK207	25.7	15.4	13.9	—	—	—	—	—	—	—	—	—
	1 1/8	1 15/16 49	5/8 16	1 13/32 36	4 1/2 114	4 1/64 102	3 9/32 83	5 21/32 144	3 15/32 88	19/32 15	3 9/32 83	1 5/32 29	3/4 19	1 15/16 49	1 11/16 43	UKTX07	TX07	UKX07	29.1	17.8	14.0	UKT207C	UKT207CD	60 2 3/8	1.7	UKT207FC	UKT207FCD	78 3 1/16	2.5	
	1 1/8	1 25/32 45	5/8 16	1 1/4 32	4 3/8 111	3 15/16 100	5 29/32 75	5 29/32 150	3 11/16 94	19/32 15	3 5/32 80	1 3/16 30	25/32 20	1 25/32 45	1 11/16 43	UKT307	T307	UK307	33.4	19.3	13.2	—	—	—	—	—	—	—	—	—
35	1 1/4	1 15/16 49	5/8 16	1 5/16 33	4 1/2 114	4 1/64 102	3 9/32 83	5 21/32 144	3 15/32 88	5/8 16	3 9/32 83	1 5/32 29	3/4 19	1 15/16 49	1 13/16 46	UKT208	T208	UK208	29.1	17.8	14.0	—	—	—	—	—	—	—	—	—
	1 1/4	1 15/16 49	5/8 16	1 13/32 36	4 19/32 117	4 1/64 102	3 9/32 83	5 21/32 144	3 7/16 87	19/32 15	3 9/32 83	1 5/32 29	3/4 19	1 15/16 49	1 13/16 46	UKTX08	TX08	UKX08	34.1	21.3	14.0	—	—	—	—	—	—	—	—	—
	1 1/4	1 31/32 50	45/64 18	1 11/32 34	4 7/8 124	4 13/32 112	3 9/32 83	6 3/8 162	3 15/16 100	21/32 17	3 1/2 89	1 1/4 32	7/8 22	1 31/32 50	1 13/16 46	UKT308	T308	UK308	40.7	24.0	13.2	—	—	—	—	—	—	—	—	—
40	1 1/2	1 15/16 49	5/8 16	1 3/8 35	4 19/32 117	4 1/64 102	3 9/32 83	5 21/32 144	3 7/16 87	19/32 16	3 9/32 83	1 5/32 29	3/4 19	1 15/16 49	1 31/32 50	UKT209	T209	UK209	34.1	21.3	14.0	—	—	—	—	—	—	—	—	—
	1 1/2	1 15/16 49	5/8 16	1 1/2 38	4 19/32 117	4 1/64 102	3 9/32 83	5 7/8 149	3 17/32 90	5/8 16	3 3/8 86	1 5/32 29	3/4 19	1 15/16 49	1 31/32 50	UKTX09	TX09	UKX09	35.1	23.3	14.4	UKT209C	UKT209CD	69 2 29/32	2.5	UKT209FC	UKT209FCD	88 3 15/32	3.4	
	1 1/2	2 5/32 55	45/64 18	1 1/2 38	5 7/16 138	4 59/64 125	3 17/32 90	7 178	4 11/16 110	23/32 18	3 13/16 97	1 11/32 34	15/16 24	2 5/32 55	1 31/32 50	UKT309	T309	UK309	48.9	29.5	13.3	—	—	—	—	—	—	—	—	—
45	1 3/4	1 15/16 49	5/8 16	1 15/32 37	4 19/32 117	4 1/64 102	3 9/32 83	5 7/8 149	3 17/32 90	5/8 16	3 3/8 86	1 5/32 29	3/4 19	1 15/16 49	2 5/32 55	UKT210	T210	UK210	35.1	23.3	14.4	—	—	—	—	—	—	—	—	—
	1 3/4	2 17/32 64	55/64 22	1 21/32 42	5 3/4 146	5 1/8 130	4 1/32 102	6 23/32 171	4 3/16 106	3/4 19	3 3/4 95	1 3/8 35	31/32 25	2 17/32 64	2 5/32 55	UKTX10	TX10	UKX10	43.4	29.4	14.4	UKT210C	UKT210CD	74 2 29/32	2.7	UKT210FC	UKT210FCD	97 3 13/16	3.8	
	1 3/4	2 13/32 61	25/32 20	1 9/16 40	5 15/16 151	5 33/64 140	3 27/32 98	7 17/32 191	4 19/32 117	25/32 20	4 3/16 106	1 15/32 37	1 1/16 27	2 13/32 61	2 5/32 55	UKT310	T310	UK310	62.0	38.3	13.2	—	—	—	—	—	—	—	—	—
50	1 7/8	2 17/32 64	55/64 22	1 1/2 38	5 3/4 146	5 1/8 130	4 1/32 102	6 23/32 171	4 3/16 106	3/4 19	3 3/4 95	1 3/8 35	31/32 25	2 17/32 64	2 5/16 59	UKT211	T211	UK211	43.4	29.4	14.4	—	—	—	—	—	—	—	—	—
	1 7/8	2 17/32 64	55/64 22	1 23/32 44	5 3/4 146	5 1/8 130	4 1/32 102	7 5/8 194	4 11/16 119	3/4 19	4 1/32 102	1 3/8 35	1 1/4 32	2 17/32 64	2 5/16 59	UKTX11	TX11	UKX11	52.4	36.2	14.4	UKT211C	UKT211CD	76 3	4.1	UKT211FC	UKT211FCD	99 3 29/32	5.4	
	1 7/8	2 19/32 66	55/64 22	1 23/32 44	6 13/32 163	5 29/32 150	4 1/8 105	8 5/32 207	5 127	13/16 21	4 17/32 115	1 17/32 39	1 5/32 29	2 19/32 66	2 5/16 59	UKT311	T311	UK311	71.6	45.0	13.2	—	—	—	—	—	—	—	—	—

Remarks 1. In Part No. of unit and units with covers, fitting codes follow bore diameter numbers. (See Table 10.5 in P.62.)  
2. Part No. of applicable grease fittings are shown below.  
B-1/4-28UNF..... 205~210, X05~X09, 305~308  
B-R1/8..... 211~217, X10~X17, 309~328  
3. In Part No. of unit with adapters and bearing with adapters, Part No. of applicable adapter follow the Part No. shown in the dimensional tables.  
(Example of Part No. : UKT206J + H2306X, UK206 + H2306X)

4. As for the triple seal type product (205 is the double seal type product), suffix code L3 (or L2) follows the Part No. of unit or bearing.  
(Example of Part No. : UKT206JL3 + H2306X, UK206L3 + H2306X)  
5. For the dimensions and forms of applicable bearings and adapters, see the dimensional tables of ball bearing for unit and adapter.  
6. Housings of nodular graphite cast iron are also available.