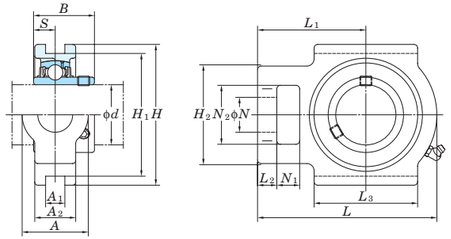
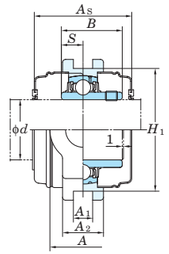
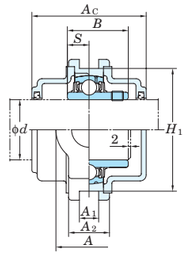
UCT
Cylindrical bore (with set screws)
d 12 ~ (45) mm



With Pressed Steel Cover



With Cast Iron Cover



Variations of tolerance of groove width (Δ_{A1s}), variations of tolerance of distance between both grooves (Δ_{H1s}), and tolerance of symmetry of both groove sides (X)

Unit: mm

Housing No.			Δ_{A1s}	Δ_{H1s}	X
T204~T210	TX05~TX10	T305~T310	+0.2 0	0 −0.5	0.5
T211~T217	TX11~TX17	T311~T318	+0.3 0	0 −0.8	0.6
		T319~T322			0.7
		T324~T328			0.8

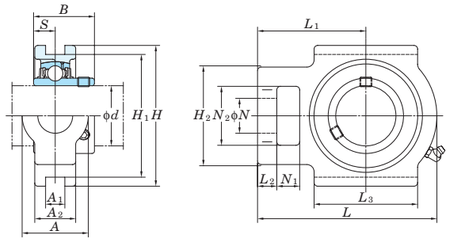
Form and dimensions of L_c of T204JE3 and T205JE3 (housing with cast iron cover) are shown below.

T204JE3 L_c = 97 mm
T205JE3 L_c = 102 mm

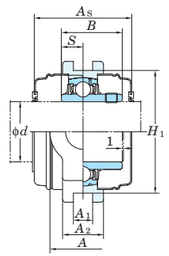
Shaft Dia. mm / inch d	Dimensions inch / mm A	A_1	A_2	H	H_1	H_2	L	L_1	L_2	L_3	N	N_1	N_2	B	S	Standard Unit No.	Housing No.	Bearing No.	Mass kg	Basic Load Ratings kN C_r	C_{0r}	Factor f_0	With Pressed Steel Cover Unit No. Open Type	One Side Closed Type	Dimension mm / inch A_s	Mass kg	With Cast Iron Cover Unit No. Open Type	One Side Closed Type	Dimension mm / inch A_c	Mass kg
12																UCT201	T204	UC201	0.81	12.8	6.65	13.2	UCT201C	UCT201CD	44 1 23/32	0.81	–	–	– –	–
	1/2															UCT201-8		UC201-8	0.81				–	–	– –	–	–	–	– –	–
15																UCT202		UC202	0.79				UCT202C	UCT202CD	44 1 23/32	0.79	–	–	– –	–
	5/8	1 1/4	15/32	13/16	3 1/2	2 63/64	2	3 11/16	2 13/32	13/32	2	3/4	5/8	1 1/4	1.220	UCT202-10		UC202-10	0.79				–	–	– –	–	–	–	– –	–
17		32	12	21	89	76	51	94	61	10	51	19	16	32	31	UCT203		UC203	0.78				UCT203C	UCT203CD	44 1 23/32	0.78	–	–	– –	–
	3/4															UCT204-12		UC204-12	0.78				–	–	– –	–	–	–	– –	–
20																UCT204		UC204	0.76				UCT204C	UCT204CD	44 1 23/32	0.76	UCT204FC	UCT204FCD	62 2 7/16	1.1
	7/8															UCT205-14		UC205-14	0.84				–	–	– –	–	–	–	– –	–
	15/16	1 1/4	15/32	15/16	3 1/2	2 63/64	2	3 13/16	2 7/16	13/32	2	3/4	5/8	1 1/4	1.343	UCT205-15	T205	UC205-15	0.84	14.0	7.85	13.9	–	–	– –	–	–	–	– –	–
	1	32	12	24	89	76	51	97	62	10	51	19	16	32	34.1	UCT205		UC205	0.84				UCT205C	UCT205CD	48 1 7/8	0.84	UCT205FC	UCT205FCD	66 2 19/32	1.2
25																UCT205-16		UC205-16	0.84				–	–	– –	–	–	–	– –	–
		1 15/32	15/32	1 3/32	4 1/32	3 1/2	2 7/32	4 7/16	2 3/4	13/32	2 1/4	7/8	5/8	1 15/32	1.500	UCTX05	TX05	UCX05	1.4	19.5	11.3	13.9	UCTX05C	UCTX05CD	52 2 1/16	1.4	–	–	– –	–
	1	37	12	28	102	89	56	113	70	10	57	22	16	37	38.1	UCTX05-16		UCX05-16	1.4				–	–	– –	–	–	–	– –	–
		1 13/32	15/32	1 1/32	3 1/2	3 5/32	2 7/16	4 13/16	3	15/32	2 9/16	1 1/32	5/8	1 13/32	1.496	UCT305	T305	UC305	1.4	21.2	10.9	12.6	–	–	– –	–	UCT305C	UCT305CD	76 3	2.0
	1	36	12	26	89	80	62	122	76	12	65	26	16	36	38	UCT305-16		UC305-16	1.4				–	–	– –	–	–	–	– –	–
	1 1/8															UCT206-18		UC206-18	1.3				–	–	– –	–	–	–	– –	–
		1 15/32	15/32	1 3/32	4 1/32	3 1/2	2 7/32	4 7/16	2 3/4	13/32	2 1/4	7/8	5/8	1 15/32	1.500	UCT206	T206	UC206	1.3	19.5	11.3	13.9	UCT206C	UCT206CD	52 2 1/16	1.3	UCT206FC	UCT206FCD	70 2 3/4	1.8
	1 3/16	37	12	28	102	89	56	113	70	10	57	22	16	37	38.1	UCT206-19		UC206-19	1.3				–	–	– –	–	–	–	– –	–
	1 1/4															UCT206-20		UC206-20	1.3				–	–	– –	–	–	–	– –	–
30		1 15/32	15/32	1 3/16	4 1/32	3 1/2	2 17/32	5 3/32	3 1/16	1/2	2 17/32	7/8	5/8	1 15/32	1.689	UCTX06	TX06	UCX06	1.7	25.7	15.4	13.9	UCTX06C	UCTX06CD	59 2 5/16	1.7	–	–	– –	–
	1 3/16	37	12	30	102	89	64	129	78	13	64	22	16	37	42.9	UCTX06-19		UCX06-19	1.7				–	–	– –	–	–	–	– –	–
	1 1/4														17.5	UCTX06-20		UCX06-20	1.7				–	–	– –	–	–	–	– –	–
	–	1 5/8	5/8	1 3/32	3 15/16	3 35/64	2 3/4	5 13/32	3 11/32	9/16	2 29/32	1 3/32	23/32	1 5/8	1.693	UCT306	T306	UC306	1.8	26.7	15.0	13.3	–	–	– –	–	UCT306C	UCT306CD	82 3 7/32	2.4
		41	16	28	100	90	70	137	85	14	74	28	18	41	43															
	1 1/4															UCT207-20		UC207-20	1.6				–	–	– –	–	–	–	– –	–
	1 5/16															UCT207-21		UC207-21	1.6				–	–	– –	–	–	–	– –	–
	1 3/8	1 15/32	15/32	1 3/16	4 1/32	3 1/2	2 17/32	5 3/32	3 1/16	1/2	2 17/32	7/8	5/8	1 15/32	1.689	UCT207-22	T207	UC207-22	1.6	25.7	15.4	13.9	–	–	– –	–	–	–	– –	–
		37	12	30	102	89	64	129	78	13	64	22	16	37	42.9	UCT207		UC207	1.6				UCT207C	UCT207CD	59 2 5/16	1.6	UCT207FC	UCT207FCD	78 3 1/16	2.3
35	1 7/16														17.5	UCT207-23		UC207-23	1.6				–	–	– –	–	–	–	– –	–
	1 3/8															UCTX07-22		UCX07-22	2.7				–	–	– –	–	–	–	– –	–
		1 15/16	5/8	1 13/32	4 1/2	4 1/64	3 9/32	5 21/32	3 15/32	19/32	3 9/32	1 5/32	3/4	1 15/16	1.937	UCTX07	TX07	UCX07	2.7	29.1	17.8	14.0	UCTX07C	UCTX07CD	68 2 11/16	2.7	–	–	– –	–
	1 7/16	49	16	36	114	102	83	144	88	15	83	29	19	49	49.2	UCTX07-23		UCX07-23	2.7				–	–	– –	–	–	–	– –	–
	–	1 25/32	5/8	1 1/4	4 3/8	3 15/16	2 15/16	5 29/32	3 11/16	19/32	3 5/32	1 3/16	25/32	1 25/32	1.890	UCT307	T307	UC307	2.3	33.4	19.3	13.2	–	–	– –	–	UCT307C	UCT307CD	88 3 15/32	3.1
		45	16	32	111	100	75	150	94	15	80	30	20	45	48															
	1 1/2															UCT208-24		UC208-24	2.5				–	–	– –	–	–	–	– –	–
	1 9/16	1 15/16	5/8	1 5/16	4 1/2	4 1/64	3 9/32	5 21/32	3 15/32	5/8	3 9/32	1 5/32	3/4	1 15/16	1.937	UCT208-25	T208	UC208-25	2.5	29.1	17.8	14.0	–	–	– –	–	–	–	– –	–
		49	16	33	114	102	83	144	88	16	83	29	19	49	49.2	UCT208		UC208	2.5				UCT208C	UCT208CD	68 2 11/16	2.5	UCT208FC	UCT208FCD	86 3 3/8	3.3
40	1 1/2														19	UCTX08-24	TX08	UCX08-24	2.6	34.1	21.3	14.0	–	–	– –	–	–	–	– –	–
		1 15/16	5/8	1 13/32	4 19/32	4 1/64	3 9/32	5 21/32	3 7/16	19/32	3 9/32	1 5/32	3/4	1 15/16	1.937	UCTX08		UCX08	2.6				UCTX08C	UCTX08CD	68 2 11/16	2.6	–	–	– –	–
	1 1/2	49	16	36	117	102	83	144	87	15	83	29	19	49	49.2	UCT308-24	T308	UC308-24	3.0	40.7	24.0	13.2	–	–	– –	–	–	–	– –	–
		1 31/32	45/64	1 11/32	4 7/8	4 13/32	3 9/32	6 3/8	3 15/16	21/32	3 1/2	1 1/4	7/8	1 31/32	2.047	UCT308		UC308	3.0				–	–	– –	–	UCT308C	UCT308CD	96 3 25/32	4.0
		50	18	34	124	112	83	162	100	17	89	32	22	50	52	19														
	1 5/8															UCT209-26		UC209-26	2.4				–	–	– –	–	–	–	– –	–
	1 11/16	1 15/16	5/8	1 3/8	4 19/32	4 1/64	3 9/32	5 21/32	3 7/16	5/8	3 9/32	1 5/32	3/4	1 15/16	1.937	UCT209-27	T209	UC209-27	2.4	34.1	21.3	14.0	–	–	– –	–	–	–	– –	–
	1 3/4	49	16	35	117	102	83	144	87	16	83	29	19	49	49.2	UCT209-28		UC209-28	2.4				–	–	– –	–	–	–	– –	–
45															19	UCT209		UC209	2.4				UCT209C	UCT209CD	68 2 11/16	2.4	UCT209FC	UCT209FCD	88 3 15/32	3.2
	1 3/4	1 15/16	5/8	1 1/2	4 19/32	4 1/64	3 9/32	5 7/8	3 17/32	5/8	3 3/8	1 5/32	3/4	1 15/16	2.031	UCTX09-28	TX09	UCX09-28	2.9	35.1	23.3	14.4	–	–	– –	–	–	–	– –	–
		49	16	38	117	102	83	149	90	16	86	29	19	49	51.6	UCTX09		UCX09	2.9				UCTX09C	UCTX09CD	73 2 7/8	2.9	–	–	– –	–

Remarks 1. In Part No. of unit and units with covers, fitting codes follow bore diameter numbers. (See **Table 10.5** in P.51.)
2. Part No. of applicable grease fittings are shown below.
B-1/4-28UNF ..... 201~210, X05~X09, 305~308
B-R1/8 ..... 211~217, X10~X17, 309~328
3. As for the triple seal type product (from 201 to 205 are the double seal type products), accessory code L3 (L2) follows the Part No. of unit or bearing. (Example of Part No. : UCT206JL3, UC206L3)
4. As for the dimensions and forms of applicable bearings, see the dimensional tables of ball bearing for unit.
5. Housings of nodular graphite cast iron are also available.

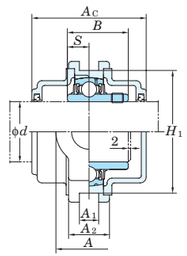
UCT
Cylindrical bore (with set screws)
d (45) ~ (75) mm



With Pressed Steel Cover



With Cast Iron Cover



Variations of tolerance of groove width (Δ_{A1s}), variations of tolerance of distance between both grooves (Δ_{H1s}), and tolerance of symmetry of both groove sides (X)

Unit: mm

Housing No.			Δ_{A1s}	Δ_{H1s}	X
T204~T210	TX05~TX10	T305~T310	+0.2 0	0 −0.5	0.5
T211~T217	TX11~TX17	T311~T318	+0.3 0	0 −0.8	0.6
		T319~T322			0.7
		T324~T328			0.8

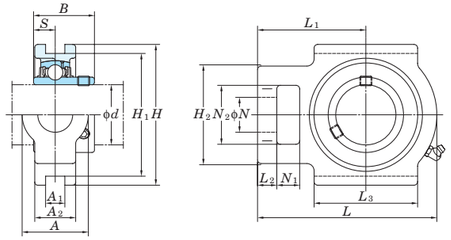
Form and dimensions of L_c of T204JE3 and T205JE3 (housing with cast iron cover) are shown below.

T204JE3 L_c = 97 mm
T205JE3 L_c = 102 mm

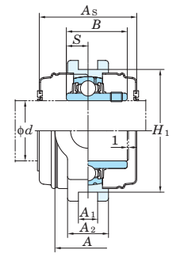
Shaft Dia. mm	Shaft Dia. inch	Dimensions inch / mm															Standard Unit No.	Standard Housing No.	Bearing No.	Mass	Basic Load Ratings kN		Factor	With Pressed Steel Cover Unit No.		Dimension mm inch		Mass	With Cast Iron Cover Unit No.		Dimension mm inch		Mass
d		A	A_1	A_2	H	H_1	H_2	L	L_1	L_2	L_3	N	N_1	N_2	B	S				kg	C_r	C_{0r}	f_0	Open Type	One Side Closed Type	A_s		kg	Open Type	One Side Closed Type	A_c		kg
45	1 3/4	2 5/32	45/64	1 1/2	5 7/16	4 59/64	3 17/32	7	4 11/32	23/32	3 13/16	1 11/32	15/16	2 5/32	2.244	0.866	UCT309-28	T309	UC309-28	4.1	48.9	29.5	13.3	–	–	–	–	–	–	–	–	–	–
		55	18	38	138	125	90	178	110	18	97	34	24	55	57	22	UCT309		UC309	4.1				–	–	–	–	–	UCT309C	UCT309CD	102	4 1/32	5.4
50	1 7/8																UCT210-30	T210	UC210-30	2.6	35.1	23.3	14.4	–	–	–	–	–	–	–	–	–	–
	1 15/16	1 15/16	5/8	1 15/32	4 19/32	4 1/64	3 9/32	5 7/8	3 17/32	5/8	3 3/8	1 5/32	3/4	1 15/16	2.031	0.748	UCT210-31		UC210-31	2.6				–	–	–	–	–	–	–	–	–	–
		49	16	37	117	102	83	149	90	16	86	29	19	49	51.6	19	UCT210		UC210	2.6				UCT210C	UCT210CD	73	2 7/8	2.6	UCT210FC	UCT210FCD	97	3 13/16	3.6
	2																UCT210-32		UC210-32	2.6				–	–	–	–	–	–	–	–	–	–
	1 15/16	2 17/32	55/64	1 21/32	5 3/4	5 1/8	4 1/32	6 23/32	4 3/16	3/4	3 3/4	1 3/8	31/32	2 17/32	2.189	0.874	UCTX10-31	TX10	UCX10-31	4.4	43.4	29.4	14.4	–	–	–	–	–	–	–	–	–	–
		64	22	42	146	130	102	171	106	19	95	35	25	64	55.6	22.2	UCTX10		UCX10	4.4				UCTX10C	UCTX10CD	75	2 15/16	4.4	–	–	–	–	–
	2																UCTX10-32		UCX10-32	4.4				–	–	–	–	–	–	–	–	–	–
	–	2 13/32	25/32	1 9/16	5 15/16	5 33/64	3 27/32	7 17/32	4 19/32	25/32	4 3/16	1 15/32	1 1/16	2 13/32	2.402	0.866	UCT310	T310	UC310	4.9	62.0	38.3	13.2	–	–	–	–	–	UCT310C	UCT310CD	110	4 11/32	6.5
		61	20	40	151	140	98	191	117	20	106	37	27	61	61	22																	
55	2																UCT211-32	T211	UC211-32	4.0	43.4	29.4	14.4	–	–	–	–	–	–	–	–	–	–
	2 1/8	2 17/32	55/64	1 1/2	5 3/4	5 1/8	4 1/32	6 23/32	4 3/16	3/4	3 3/4	1 3/8	31/32	2 17/32	2.189	0.874	UCT211-34		UC211-34	4.0				–	–	–	–	–	–	–	–	–	–
		64	22	38	146	130	102	171	106	19	95	35	25	64	55.6	22.2	UCT211		UC211	4.0				UCT211C	UCT211CD	75	2 15/16	4.0	UCT211FC	UCT211FCD	99	3 29/32	5.2
	2 3/16																UCT211-35		UC211-35	4.0				–	–	–	–	–	–	–	–	–	–
	2 3/16	2 17/32	55/64	1 23/32	5 3/4	5 1/8	4 1/32	7 5/8	4 11/16	3/4	4 1/32	1 3/8	1 1/4	2 17/32	2.563	1.000	UCTX11	TX11	UCX11	5.3	52.4	36.2	14.4	UCTX11C	UCTX11CD	88	3 15/32	5.3	–	–	–	–	–
		64	22	44	146	130	102	194	119	19	102	35	32	64	65.1	25.4	UCTX11-35		UCX11-35	5.3				–	–	–	–	–	–	–	–	–	–
	2 1/4																UCTX11-36		UCX11-36	5.3				–	–	–	–	–	–	–	–	–	–
	2	2 19/32	55/64	1 23/32	6 13/32	5 29/32	4 1/8	8 5/32	5	13/16	4 17/32	1 17/32	1 5/32	2 19/32	2.598	0.984	UCT311-32	T311	UC311-32	6.1	71.6	45.0	13.2	–	–	–	–	–	–	–	–	–	–
		66	22	44	163	150	105	207	127	21	115	39	29	66	66	25	UCT311		UC311	6.1				–	–	–	–	–	UCT311C	UCT311CD	114	4 1/2	7.9
	2 3/16																UCT311-35		UC311-35	6.1				–	–	–	–	–	–	–	–	–	–
60	2 1/4																UCT212-36	T212	UC212-36	4.9	52.4	36.2	14.4	–	–	–	–	–	–	–	–	–	–
		2 17/32	55/64	1 21/32	5 3/4	5 1/8	4 1/32	7 5/8	4 11/16	3/4	4 1/32	1 3/8	1 1/4	2 17/32	2.563	1.000	UCT212		UC212	4.9				UCT212C	UCT212CD	88	3 15/32	4.9	UCT212FC	UCT212FCD	114	4 1/2	6.4
	2 3/8	64	22	42	146	130	102	194	119	19	102	35	32	64	65.1	25.4	UCT212-38		UC212-38	4.9				–	–	–	–	–	–	–	–	–	–
	2 7/16																UCT212-39		UC212-39	4.9				–	–	–	–	–	–	–	–	–	–
		2 3/4	1 1/32	1 7/8	6 9/16	5 15/16	4 3/8	8 13/16	5 13/32	13/16	4 3/4	1 5/8	1 1/4	2 3/4	2.563	1.000	UCTX12	TX12	UCX12	7.4	57.2	40.1	14.4	UCTX12C	UCTX12CD	88	3 15/32	7.4	–	–	–	–	–
	2 7/16	70	26	48	167	151	111	224	137	21	121	41	32	70	65.1	25.4	UCTX12-39		UCX12-39	7.4				–	–	–	–	–	–	–	–	–	–
		2 25/32	55/64	1 13/16	7	6 19/64	4 7/16	8 21/32	5 5/16	29/32	4 27/32	1 5/8	1 7/32	2 25/32	2.795	1.024	UCT312	T312	UC312	7.6	81.9	52.2	13.2	–	–	–	–	–	UCT312C	UCT312CD	124	4 7/8	9.9
	2 7/16	71	22	46	178	160	113	220	135	23	123	41	31	71	71	26	UCT312-39		UC312-39	7.6				–	–	–	–	–	–	–	–	–	–
65	2 1/2	2 3/4	1 1/32	1 23/32	6 9/16	5 15/16	4 3/8	8 13/16	5 13/32	13/16	4 3/4	1 5/8	1 1/4	2 3/4	2.563	1.000	UCT213-40	T213	UC213-40	6.9	57.2	40.1	14.4	–	–	–	–	–	–	–	–	–	–
		70	26	44	167	151	111	224	137	21	121	41	32	70	65.1	25.4	UCT213		UC213	6.9				UCT213C	UCT213CD	88	3 15/32	6.9	UCT213FC	UCT213FCD	114	4 1/2	8.6
	2 1/2	2 3/4	1 1/32	1 7/8	6 9/16	5 15/16	4 3/8	8 13/16	5 13/32	13/16	4 3/4	1 5/8	1 1/4	2 3/4	2.937	1.189	UCTX13-40	TX13	UCX13-40	7.6	62.2	44.1	14.5	–	–	–	–	–	–	–	–	–	–
		70	26	48	167	151	111	224	137	21	121	41	32	70	74.6	30.2	UCTX13		UCX13	7.6				UCTX13C	UCTX13CD	98	3 27/32	7.6	–	–	–	–	–
	2 1/2	3 5/32	1 1/32	1 31/32	7 15/32	6 11/16	4 9/16	9 3/8	5 3/4	31/32	5 9/32	1 11/16	1 1/4	2 3/4	2.953	1.181	UCT313-40	T313	UC313-40	9.3	92.7	59.9	13.2	–	–	–	–	–	–	–	–	–	–
		80	26	50	190	170	116	238	146	25	134	43	32	70	75	30	UCT313		UC313	9.3				–	–	–	–	–	UCT313C	UCT313CD	122	4 13/16	11.4
70	2 3/4	2 3/4	1 1/32	1 13/16	6 9/16	5 15/16	4 3/8	8 13/16	5 13/32	13/16	4 3/4	1 5/8	1 1/4	2 3/4	2.937	1.189	UCT214-44	T214	UC214-44	7.0	62.2	44.1	14.5	–	–	–	–	–	–	–	–	–	–
		70	26	46	167	151	111	224	137	21	121	41	32	70	74.6	30.2	UCT214		UC214	7.0				UCT214C	UCT214CD	98	3 27/32	7.0	UCT214FC	UCT214FCD	124	4 7/8	8.9
	2 3/4	2 3/4	1 1/32	1 7/8	6 9/16	5 15/16	4 3/8	9 1/8	5 1/2	13/16	4 3/4	1 5/8	1 1/4	2 3/4	3.063	1.331	UCTX14-44	TX14	UCX14-44	7.9	67.4	48.3	14.5	–	–	–	–	–	–	–	–	–	–
		70	26	48	167	151	111	232	140	21	121	41	32	70	77.8	33.3	UCTX14		UCX14	7.9				UCTX14C	UCTX14CD	98	3 27/32	7.9	–	–	–	–	–
	2 3/4	3 17/32	1 1/32	2 1/16	7 15/16	7 3/32	5 1/8	9 29/32	6 3/32	31/32	5 1/2	1 13/16	1 13/32	3 11/32	3.071	1.299	UCT314-44	T314	UC314-44	11.1	104	68.2	13.2	–	–	–	–	–	–	–	–	–	–
		90	26	52	202	180	130	252	155	25	140	46	36	85	78	33	UCT314		UC314	11.1				–	–	–	–	–	UCT314C	UCT314CD	124	4 7/8	13.4
75	2 15/16																UCT215-47	T215	UC215-47	7.3	67.4	48.3	14.5	–	–	–	–	–	–	–	–	–	–
		2 3/4	1 1/32	1 7/8	6 9/16	5 15/16	4 3/8	9 1/8	5 1/2	13/16	4 3/4	1 5/8	1 1/4	2 3/4	3.063	1.331	UCT215		UC215	7.3				UCT215C	UCT215CD	98	3 27/32	7.3	UCT215FC	UCT215FCD	124	4 7/8	9.2
	3	70	26	48	167	151	111	232	140	21	121	41	32	70	77.8	33.3	UCT215-48		UC215-48	7.3				–	–	–	–	–	–	–	–	–	–
	2 15/16																UCTX15-47	TX15	UCX15-47	8.7	72.7	53.0	14.6	–	–	–	–	–	–	–	–	–	–
		2 3/4	1 7/64	1 7/8	7 1/4	6 1/2	4 3/8	9 1/4	5 1/2	13/16	4 3/4	1 5/8	1 1/4	2 3/4	3.252	1.311	UCTX15		UCX15	8.7				UCTX15C	UCTX15CD	108	4 1/4	8.7	–	–	–	–	–
	3	70	28	48	184	165	111	235	140	21	121	41	32	70	82.6	33.3	UCTX15-48		UCX15-48	8.7				–	–	–	–	–	–	–	–	–	–

Remarks 1. In Part No. of unit and units with covers, fitting codes follow bore diameter numbers. (See **Table 10.5** in P.51.)
2. Part No. of applicable grease fittings are shown below.
B-1/4-28UNF ..... 201~210, X05~X09, 305~308
B-R1/8 ..... 211~217, X10~X17, 309~328
3. As for the triple seal type product (from 201 to 205 are the double seal type products), accessory code L3 (L2) follows the Part No. of unit or bearing. (Example of Part No. : UCT206JL3, UC206L3)
4. As for the dimensions and forms of applicable bearings, see the dimensional tables of ball bearing for unit.
5. Housings of nodular graphite cast iron are also available.

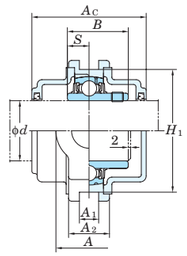
UCT
Cylindrical bore (with set screws)
d (75) ~ 140 mm



With Pressed Steel Cover



With Cast Iron Cover



Variations of tolerance of groove width (Δ_{A1s}), variations of tolerance of distance between both grooves (Δ_{H1s}), and tolerance of symmetry of both groove sides (X)

Unit: mm

Housing No.			Δ_{A1s}	Δ_{H1s}	X
T204~T210	TX05~TX10	T305~T310	+0.2 0	0 −0.5	0.5
T211~T217	TX11~TX17	T311~T318	+0.3 0	0 −0.8	0.6
		T319~T322			0.7
		T324~T328			0.8

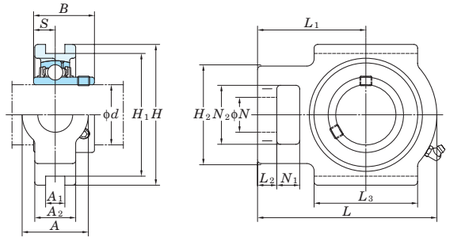
Form and dimensions of L_c of T204JE3 and T205JE3 (housing with cast iron cover) are shown below.

T204JE3 L_c = 97 mm
T205JE3 L_c = 102 mm

Shaft Dia. mm / inch d	Dimensions inch / mm A	A_1	A_2	H	H_1	H_2	L	L_1	L_2	L_3	N	N_1	N_2	B	S	Standard Unit No.	Housing No.	Bearing No.	Mass kg	Basic Load Ratings kN C_r	C_{0r}	Factor f_0	With Pressed Steel Cover Unit No. Open Type	One Side Closed Type	Dimension mm / inch A_s	Mass kg	With Cast Iron Cover Unit No. Open Type	One Side Closed Type	Dimension mm / inch A_c	Mass kg
75	2 15/16	3 17/32	1 1/32	2 5/32	8 1/2	7 9/16	5 3/16	10 5/16	6 5/16	31/32	5 29/32	1 13/16	1 13/32	3 11/32	3.228	1.260	UCT315-47	T315	UC315-47	13.0				–	–	– –	–	–	–	– –	–
		90	26	55	216	192	132	262	160	25	150	46	36	85	82	32	UCT315		UC315	13.0	113	77.2	13.2	–	–	– –	–	UCT315C	UCT315CD	134 5 9/32	15.5
	3																UCT315-48		UC315-48	13.0				–	–	– –	–	–	–	– –	–
80	3 1/8	2 3/4	1 1/32	2	7 1/4	6 1/2	4 3/8	9 1/4	5 1/2	13/16	4 3/4	1 5/8	1 1/4	2 3/4	3.252	1.311	UCT216-50	T216	UC216-50	8.2				–	–	– –	–	–	–	– –	–
		70	26	51	184	165	111	235	140	21	121	41	32	70	82.6	33.3	UCT216		UC216	8.2	72.7	53.0	14.6	UCT216C	UCT216CD	108 4 1/4	8.2	UCT216FC	UCT216FCD	138 5 7/16	10.6
	–	2 7/8	1 7/64	2 1/8	7 25/32	6 13/16	4 7/8	10 1/4	6 3/8	1 3/32	6 3/16	1 7/8	1 1/2	2 7/8	3.374	1.343	UCTX16	TX16	UCX16	11.7	84.0	61.9	14.5	UCTX16C	UCTX16CD	112 4 13/32	11.7	–	–	– –	–
		73	28	54	198	173	124	260	162	28	157	48	38	73	85.7	34.1																
	–	4 1/32	1 3/16	2 3/8	9 1/16	8 1/32	5 29/32	11 3/32	6 27/32	1 3/32	6 5/16	2 3/32	1 21/32	3 27/32	3.386	1.339	UCT316	T316	UC316	16.2	123	86.7	13.3	–	–	– –	–	UCT316C	UCT316CD	138 5 7/16	19.1
		102	30	60	230	204	150	282	174	28	160	53	42	98	86	34																
85	3 1/4	2 7/8	1 3/16	2 1/8	7 25/32	6 13/16	4 7/8	10 1/4	6 3/8	1 5/32	6 3/16	1 7/8	1 1/2	2 7/8	3.374	1.343	UCT217-52	T217	UC217-52	11.0				–	–	– –	–	–	–	– –	–
		73	30	54	198	173	124	260	162	29	157	48	38	73	85.7	34.1	UCT217		UC217	11.0	84.0	61.9	14.5	UCT217C	UCT217CD	112 4 13/32	11.0	UCT217FC	UCT217FCD	142 5 19/32	13.7
	3 7/16	2 7/8	1 7/64	2 1/8	7 25/32	6 13/16	4 7/8	10 1/4	6 3/8	1 3/32	6 3/16	1 7/8	1 1/2	2 7/8	3.780	1.563	UCTX17	TX17	UCX17	11.7	96.1	71.5	14.5	UCTX17C	UCTX17CD	122 4 13/16	11.7	–	–	– –	–
		73	28	54	198	173	124	260	162	28	157	48	38	73	96	39.7	UCTX17-55		UCX17-55	11.7				–	–	– –	–	–	–	– –	–
	–	4 1/32	1 17/64	2 17/32	9 7/16	8 27/64	5 31/32	11 23/32	7 7/32	1 3/16	6 11/16	2 3/32	1 21/32	3 27/32	3.780	1.575	UCT317	T317	UC317	19.0	133	96.8	13.3	–	–	– –	–	UCT317C	UCT317CD	146 5 3/4	22.3
		102	32	64	240	214	152	298	183	30	170	53	42	98	96	40																
90	3 1/2	4 11/32	1 17/64	2 19/32	10 1/32	8 31/32	6 5/16	12 9/32	7 9/16	1 3/16	6 7/8	2 1/4	1 13/16	4 3/16	3.780	1.575	UCT318-56	T318	UC318-56	21.6				–	–	– –	–	–	–	– –	–
		110	32	66	255	228	160	312	192	30	175	57	46	106	96	40	UCT318		UC318	21.6	143	107	13.3	–	–	– –	–	UCT318C	UCT318CD	150 5 29/32	25.4
95	–	4 11/32	1 3/8	2 27/32	10 5/8	9 29/64	6 1/2	12 11/16	7 3/4	1 7/32	7 3/32	2 1/4	1 13/16	4 3/16	4.055	1.614	UCT319	T319	UC319	24.9	153	119	13.3	–	–	– –	–	UCT319C	UCT319CD	162 6 3/8	29.2
		110	35	72	270	240	165	322	197	31	180	57	46	106	103	41																
100	3 15/16	4 23/32	1 3/8	2 15/16	11 13/32	10 15/64	6 7/8	13 19/32	8 9/32	1 1/4	7 7/8	2 5/16	1 7/8	4 17/32	4.252	1.654	UCT320	T320	UC320	30.7				–	–	– –	–	UCT320C	UCT320CD	174 6 27/32	36.3
	4	120	35	75	290	260	175	345	210	32	200	59	48	115	108	42	UCT320-63		UC320-63	30.7	173	141	13.2	–	–	– –	–	–	–	– –	–
																	UCT320-64		UC320-64	30.7				–	–	– –	–	–	–	– –	–
105	–	4 23/32	1 3/8	2 15/16	11 13/32	10 15/64	6 7/8	13 19/32	8 9/32	1 1/4	7 7/8	2 5/16	1 7/8	4 17/32	4.409	1.732	UCT321	T321	UC321	36.7	184	153	13.2	–	–	– –	–	UCT321C	UCT321CD	178 7	42.7
		120	35	75	290	260	175	345	210	32	200	59	48	115	112	44																
110	–	5 1/8	1 1/2	3 5/32	12 19/32	11 7/32	7 9/32	15 5/32	9 1/4	1 1/2	8 15/32	2 9/16	2 1/16	4 29/32	4.606	1.811	UCT322	T322	UC322	39.7	205	180	13.2	–	–	– –	–	UCT322C	UCT322CD	188 7 13/32	46.5
		130	38	80	320	285	185	385	235	38	215	65	52	125	117	46																
120	–	5 1/2	1 49/64	3 17/32	13 31/32	12 9/32	8 9/32	17	10 1/2	1 21/32	9 1/16	2 3/4	2 3/8	5 1/2	4.961	2.008	UCT324	T324	UC324	54.4	207	185	13.5	–	–	– –	–	UCT324C	UCT324CD	196 7 23/32	63.9
		140	45	90	355	320	210	432	267	42	230	70	60	140	126	51																
130	–	5 29/32	1 31/32	3 15/16	15 5/32	13 25/32	8 21/32	18 5/16	11 7/32	1 25/32	9 7/16	2 15/16	2 9/16	5 29/32	5.315	2.126	UCT326	T326	UC326	69.3	229	214	13.6	–	–	– –	–	UCT326C	UCT326CD	214 8 7/16	81.4
		150	50	100	385	350	220	465	285	45	240	75	65	150	135	54																
140	–	6 3/32	1 31/32	3 15/16	16 11/32	14 61/64	9 1/16	20 9/32	12 13/32	1 31/32	10 1/32	3 5/32	2 3/4	6 5/16	5.709	2.323	UCT328	T328	UC328	85.1	253	246	13.6	–	–	– –	–	UCT328C	UCT328CD	222 8 3/4	101
		155	50	100	415	380	230	515	315	50	255	80	70	160	145	59																

Remarks 1. In Part No. of unit and units with covers, fitting codes follow bore diameter numbers. (See **Table 10.5** in P.51.)
2. Part No. of applicable grease fittings are shown below.
B-1/4-28UNF ..... 201~210, X05~X09, 305~308
B-R1/8 ..... 211~217, X10~X17, 309~328
3. As for the triple seal type product (from 201 to 205 are the double seal type products), accessory code L3 (L2) follows the Part No. of unit or bearing. (Example of Part No. : UCT206JL3, UC206L3)
4. As for the dimensions and forms of applicable bearings, see the dimensional tables of ball bearing for unit.
5. Housings of nodular graphite cast iron are also available.

UCT-E
Cylindrical bore (with set screws)
d 12 ~ 50 mm



Variations of tolerance of groove width (Δ_{A1s}), variations of tolerance of distance between both grooves (Δ_{H1s}), and tolerance of symmetry of both groove sides (X)

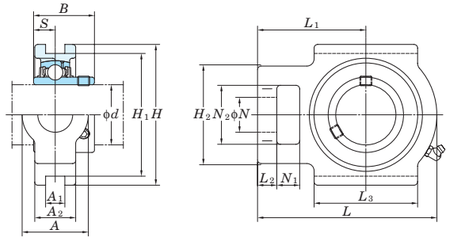
Unit: mm

Housing No.		Δ_{A1s}	Δ_{H1s}	X
T204E~T210E	TX05E~TX10E	+0.2 0	0 −0.5	0.5
T211E~T217E	TX11E~TX17E	+0.3 0	0 −0.8	0.6

Shaft Dia. mm	Shaft Dia. inch	Dimensions inch / mm A	A_1	A_2	H	H_1	H_2	L	L_1	L_2	L_3	N	N_1	N_2	B	S	Unit No.		Housing No.	Bearing No.	Basic Load Ratings kN C_r	C_{0r}	Factor f_0	Mass kg
12	1/2	1 1/4	17/32	13/16	3 1/2	3	2	3 11/16	2 13/32	13/32	2	3/4	5/8	1 1/4	1.220	0.500	UCT201E		T204E	UC201	12.8	6.65	13.2	0.81
		32	13.5	21	89	76.2	51	94	61	10	51	19	16	32	31	12.7	UCT201E-8			UC201-8				
15	5/8																UCT202E			UC202				0.79
																	UCT202E-10			UC202-10				
17																	UCT203E			UC203				0.78
	3/4																UCT204E-12			UC204-12				
20																	UCT204E			UC204				0.76
	7/8																UCT205E-14			UC205-14				
	15/16	1 1/4	17/32	15/16	3 1/2	3	2	3 13/16	2 7/16	13/32	2	3/4	5/8	1 1/4	1.343	0.563	UCT205E-15		T205E	UC205-15	14.0	7.85	13.9	0.84
25		32	13.5	24	89	76.2	51	97	62	10	51	19	16	32	34.1	14.3	UCT205E			UC205				
	1																UCT205E-16			UC205-16				
	1	1 15/32	17/32	1 3/32	4 1/32	3 1/2	2 7/32	4 7/16	2 3/4	13/32	2 1/4	7/8	5/8	1 15/32	1.500	0.626	UCTX05E		TX05E	UCX05	19.5	11.3	13.9	1.4
		37	13.5	28	102	88.9	56	113	70	10	57	22	16	37	38.1	15.9	UCTX05E-16			UCX05-16				
	1 1/8																UCT206E-18			UC206-18				
		1 15/32	17/32	1 3/32	4 1/32	3 1/2	2 7/32	4 7/16	2 3/4	13/32	2 1/4	7/8	5/8	1 15/32	1.500	0.626	UCT206E		T206E	UC206	19.5	11.3	13.9	1.3
	1 3/16	37	13.5	28	102	88.9	56	113	70	10	57	22	16	37	38.1	15.9	UCT206E-19			UC206-19				
30	1 1/4																UCT206E-20			UC206-20				
		1 15/32	17/32	1 3/16	4 1/32	3 1/2	2 17/32	5 3/32	3 1/16	1/2	2 17/32	7/8	5/8	1 15/32	1.689	0.689	UCTX06E		TX06E	UCX06	25.7	15.4	13.9	1.7
	1 3/16	37	13.5	30	102	88.9	64	129	78	13	64	22	16	37	42.9	17.5	UCTX06E-19			UCX06-19				
	1 1/4																UCTX06E-20			UCX06-20				
	1 1/4																UCT207E-20			UC207-20				
	1 5/16																UCT207E-21			UC207-21				
	1 3/8	1 15/32	17/32	1 3/16	4 1/32	3 1/2	2 17/32	5 3/32	3 1/16	1/2	2 17/32	7/8	5/8	1 15/32	1.689	0.689	UCT207E-22		T207E	UC207-22	25.7	15.4	13.9	1.6
35		37	13.5	30	102	88.9	64	129	78	13	64	22	16	37	42.9	17.5	UCT207E			UC207				
	1 7/16																UCT207E-23			UC207-23				
	1 3/8																UCTX07E-22			UCX07-22				
		1 15/16	11/16	1 13/32	4 1/2	4	3 9/32	5 21/32	3 15/32	19/32	3 9/32	1 5/32	3/4	1 15/16	1.937	0.748	UCTX07E		TX07E	UCX07	29.1	17.8	14.0	2.7
	1 7/16	49	17.5	36	114	101.6	83	144	88	15	83	29	19	49	49.2	19	UCTX07E-23			UCX07-23				
	1 1/2																UCT208E-24			UC208-24				
	1 9/16	1 15/16	11/16	1 5/16	4 1/2	4	3 9/32	5 21/32	3 15/32	19/32	3 9/32	1 5/32	3/4	1 15/16	1.937	0.748	UCT208E-25		T208E	UC208-25	29.1	17.8	14.0	2.5
40		49	17.5	33	114	101.6	83	144	88	16	83	29	19	49	49.2	19	UCT208E			UC208				
	1 1/2	1 15/16	11/16	1 13/32	4 19/32	4	3 9/32	5 21/32	3 7/16	19/32	3 9/32	1 5/32	3/4	1 15/16	1.937	0.748	UCTX08E-24		TX08E	UCX08-24	34.1	21.3	14.0	2.6
		49	17.5	36	117	101.6	83	144	87	15	83	29	19	49	49.2	19	UCTX08E			UCX08				
	1 5/8																UCT209E-26			UC209-26				
	1 11/16	1 15/16	11/16	1 3/8	4 19/32	4	3 9/32	5 21/32	3 7/16	5/8	3 9/32	1 5/32	3/4	1 15/16	1.937	0.748	UCT209E-27		T209E	UC209-27	34.1	21.3	14.0	2.4
45	1 3/4	49	17.5	35	117	101.6	83	144	87	16	83	29	19	49	49.2	19	UCT209E-28			UC209-28				
																	UCT209E			UC209				
	1 3/4	1 15/16	11/16	1 1/2	4 19/32	4	3 9/32	5 7/8	3 17/32	5/8	3 3/8	1 5/32	3/4	1 15/16	2.031	0.748	UCTX09E-28		TX09E	UCX09-28	35.1	23.3	14.4	2.9
		49	17.5	38	117	101.6	83	149	90	16	86	29	19	49	51.6	19	UCTX09E			UCX09				
	1 7/8																UCT210E-30			UC210-30				
	1 15/16	1 15/16	11/16	1 15/32	4 19/32	4	3 9/32	5 7/8	3 17/32	5/8	3 3/8	1 5/32	3/4	1 15/16	2.031	0.748	UCT210E-31		T210E	UC210-31	35.1	23.3	14.4	2.6
50		49	17.5	37	117	101.6	83	149	90	16	86	29	19	49	51.6	19	UCT210E			UC210				
	2																UCT210E-32			UC210-32				
	1 15/16	2 17/32	1 1/16	1 21/32	5 3/4	5 1/8	4 1/64	6 23/32	4 3/16	3/4	3 3/4	1 3/8	31/32	2 17/32	2.189	0.874	UCTX10E-31		TX10E	UCX10-31	43.4	29.4	14.4	4.4
		64	27	42	146	130.17	102	171	106	19	95	35	25	64	55.6	22.2	UCTX10E			UCX10				
	2																UCTX10E-32			UCX10-32				

Remarks 1. In Part No. of unit and units with covers, fitting codes follow bore diameter numbers. (See **Table 10.5** in P.51.)
2. Part No. of applicable grease fittings are shown below.
B-1/4-28UNF ..... 201~210, X05~X09, 305~308
B-R1/8 ..... 211~217, X10~X17, 309~328
3. As for the triple seal type product (from 201 to 205 are the double seal type products), accessory code L3 (L2) follows the Part No. of unit or bearing. (Example of Part No. : UCT206EL3, UC206L3)
4. As for the dimensions and forms of applicable bearings, see the dimensional tables of ball bearing for unit.
5. Housings of nodular graphite cast iron are also available.

UCT-E
Cylindrical bore (with set screws)
d 55 ~ 85 mm



Variations of tolerance of groove width (Δ_{A1s}), variations of tolerance of distance between both grooves (Δ_{H1s}), and tolerance of symmetry of both groove sides (X)

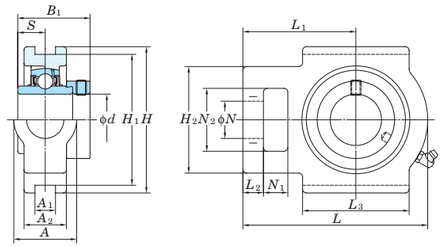
Unit: mm

Housing No.		Δ_{A1s}	Δ_{H1s}	X
T204E~T210E	TX05E~TX10E	+0.2 0	0 −0.5	0.5
T211E~T217E	TX11E~TX17E	+0.3 0	0 −0.8	0.6

Shaft Dia. mm / inch d	Dimensions inch / mm A	A_1	A_2	H	H_1	H_2	L	L_1	L_2	L_3	N	N_1	N_2	B	S	Unit No.		Housing No.	Bearing No.	Basic Load Ratings kN C_r	C_{0r}	Factor f_0	Mass kg
55	2	2 17/32	1 1/16	1 1/2	5 3/4	5 1/8	4 1/64	6 23/32	4 3/16	3/4	3 3/4	1 3/8	31/32	2 17/32	2.189	0.874	UCT211E-32		T211E	UC211-32	43.4	29.4	14.4	4.0
	2 1/8	64	27	38	146	130.17	102	171	106	19	95	35	25	64	55.6	22.2	UCT211E-34			UC211-34				
																	UCT211E			UC211				
	2 3/16																UCT211E-35			UC211-35				
	2 3/16	2 17/32	1 1/16	1 23/32	5 3/4	5 1/8	4 1/64	7 5/8	4 11/16	3/4	4 1/32	1 3/8	1 1/4	2 17/32	2.563	1.000	UCTX11E		TX11E	UCX11	52.4	36.2	14.4	5.3
		64	27	44	146	130.17	102	194	119	19	102	35	32	64	65.1	25.4	UCTX11E-35			UCX11-35				
	2 1/4																UCTX11E-36			UCX11-36				
60	2 1/4	2 17/32	1 1/16	1 21/32	5 3/4	5 1/8	4 1/64	7 5/8	4 11/16	3/4	4 1/32	1 3/8	1 1/4	2 17/32	2.563	1.000	UCT212E-36		T212E	UC212-36	52.4	36.2	14.4	4.9
		64	27	42	146	130.17	102	194	119	19	102	35	32	64	65.1	25.4	UCT212E			UC212				
	2 3/8																UCT212E-38			UC212-38				
	2 7/16																UCT212E-39			UC212-39				
	2 7/16	2 3/4	1 1/16	1 7/8	6 9/16	5 15/16	4 3/8	8 13/16	5 13/32	13/16	4 3/4	1 5/8	1 1/4	2 3/4	2.563	1.000	UCTX12E		TX12E	UCX12	57.2	40.1	14.4	7.4
		70	27	48	167	150.8	111	224	137	21	121	41	32	70	65.1	25.4	UCTX12E-39			UCX12-39				
65	2 1/2	2 3/4	1 1/16	1 23/32	6 9/16	5 15/16	4 3/8	8 13/16	5 13/32	13/16	4 3/4	1 5/8	1 1/4	2 3/4	2.563	1.000	UCT213E-40		T213E	UC213-40	57.2	40.1	14.4	6.9
		70	27	44	167	150.8	111	224	137	21	121	41	32	70	65.1	25.4	UCT213E			UC213				
	2 1/2	2 3/4	1 1/16	1 7/8	6 9/16	5 15/16	4 3/8	8 13/16	5 13/32	13/16	4 3/4	1 5/8	1 1/4	2 3/4	2.937	1.189	UCTX13E-40		TX13E	UCX13-40	62.2	44.1	14.5	7.6
		70	27	48	167	150.8	111	224	137	21	121	41	32	70	74.6	30.2	UCTX13E			UCX13				
70	2 3/4	2 3/4	1 1/16	1 13/16	6 9/16	5 15/16	4 3/8	8 13/16	5 13/32	13/16	4 3/4	1 5/8	1 1/4	2 3/4	2.937	1.189	UCT214E-44		T214E	UC214-44	62.2	44.1	14.5	7.0
		70	27	46	167	150.8	111	224	137	21	121	41	32	70	74.6	30.2	UCT214E			UC214				
	2 3/4	2 3/4	1 1/16	1 7/8	6 9/16	5 15/16	4 3/8	9 1/8	5 1/2	13/16	4 3/4	1 5/8	1 1/4	2 3/4	3.063	1.331	UCTX14E-44		TX14E	UCX14-44	67.4	48.3	14.5	7.9
		70	27	48	167	150.8	111	232	140	21	121	41	32	70	77.8	33.3	UCTX14E			UCX14				
75	2 15/16	2 3/4	1 1/16	1 7/8	6 9/16	5 15/16	4 3/8	9 1/8	5 1/2	13/16	4 3/4	1 5/8	1 1/4	2 3/4	3.063	1.331	UCT215E-47		T215E	UC215-47	67.4	48.3	14.5	7.3
		70	27	48	167	150.8	111	232	140	21	121	41	32	70	77.8	33.3	UCT215E			UC215				
	3																UCT215E-48			UC215-48				
	2 15/16	2 3/4	1 1/16	1 7/8	7 1/4	6 1/2	4 3/8	9 1/4	5 1/2	13/16	4 3/4	1 5/8	1 1/4	2 3/4	3.252	1.311	UCTX15E-47		TX15E	UCX15-47	72.7	53.0	14.6	8.7
		70	27	48	184	165	111	235	140	21	121	41	32	70	82.6	33.3	UCTX15E			UCX15				
	3																UCTX15E-48			UCX15-48				
80	3 1/8	2 3/4	1 1/16	2	7 1/4	6 1/2	4 3/8	9 1/4	5 1/2	13/16	4 3/4	1 5/8	1 1/4	2 3/4	3.252	1.311	UCT216E-50		T216E	UC216-50	72.7	53.0	14.6	8.2
		70	27	51	184	165	111	235	140	21	121	41	32	70	82.6	33.3	UCT216E			UC216				
	–	3 1/2	1 13/16	2 11/16	7 25/32	6 13/16	4 7/8	10 1/4	6 3/8	1 3/32	6 3/16	1 7/8	1 1/2	2 7/8	3.374	1.343	UCTX16E		TX16E	UCX16	84.0	61.9	14.5	12.4
		89	46	68	198	173	124	260	162	28	157	48	38	73	85.7	34.1								
85	3 1/4	3 1/2	1 13/16	2 11/16	7 25/32	6 13/16	4 7/8	10 1/4	6 3/8	1 5/32	6 3/16	1 7/8	1 1/2	2 7/8	3.374	1.343	UCT217E-52		T217E	UC217-52	84.0	61.9	14.5	12.1
		89	46	68	198	173	124	260	162	29	157	48	38	73	85.7	34.1	UCT217E			UC217				
	3 7/16	3 1/2	1 13/16	2 11/16	7 25/32	6 13/16	4 7/8	10 1/4	6 3/8	1 3/32	6 3/16	1 7/8	1 1/2	2 7/8	3.780	1.563	UCTX17E		TX17E	UCX17	96.1	71.5	14.5	13.3
		89	46	68	198	173	124	260	162	28	157	48	38	73	96	39.7	UCTX17E-55			UCX17-55				

Remarks 1. In Part No. of unit and units with covers, fitting codes follow bore diameter numbers. (See **Table 10.5** in P.51.)
2. Part No. of applicable grease fittings are shown below.
B-1/4-28UNF ..... 201~210, X05~X09, 305~308
B-R1/8 ..... 211~217, X10~X17, 309~328
3. As for the triple seal type product (from 201 to 205 are the double seal type products), accessory code L3 (L2) follows the Part No. of unit or bearing. (Example of Part No. : UCT206EL3, UC206L3)
4. As for the dimensions and forms of applicable bearings, see the dimensional tables of ball bearing for unit.
5. Housings of nodular graphite cast iron are also available.

NAT-E
Cylindrical bore
(with eccentric locking collar)
d 12 ~ 75 mm



Variations of tolerance of groove width (Δ_{A1s}), variations of tolerance of distance between both grooves (Δ_{H1s}), and tolerance of symmetry of both groove sides (X)

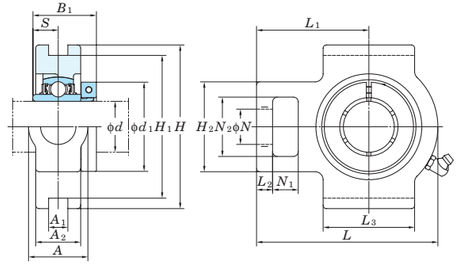
Unit: mm

Housing No.	Δ_{A1s}	Δ_{H1s}	X
T204E~T210E	+0.2 0	0 −0.5	0.5
T211E~T215E	+0.3 0	0 −0.8	0.6

Shaft Dia. mm	Shaft Dia. inch	Dimensions inch / mm														Unit No.		Housing No.	Bearing No.	Basic Load Ratings kN		Factor	Mass
d		A	A_1	A_2	H	H_1	H_2	L	L_1	L_2	L_3	N	N_1	N_2	B_1	S					C_r	C_{0r}	f_0	kg
12	1/2																NAT201E		T204E	NA201	12.8	6.65	13.2	0.83
																	NAT201-8E			NA201-8				
15		1 1/4	17/32	13/16	3 1/2	3	2	3 11/16	2 13/32	13/32	2	3/4	5/8	1 1/4	1.720	0.673	NAT202E			NA202				0.81
	5/8	32	13.5	21	89	76.2	51	94	61	10	51	19	16	32	43.7	17.1	NAT202-10E			NA202-10				
17																	NAT203E			NA203				0.8
	3/4																NAT204-12E			NA204-12				0.84
20																	NAT204E			NA204				
25	7/8																NAT205-14E		T205E	NA205-14	14.0	7.85	13.9	0.89
	15/16	1 1/4	17/32	15/16	3 1/2	3	2	3 13/16	2 7/16	13/32	2	3/4	5/8	1 1/4	1.748	0.689	NAT205-15E			NA205-15				
	1	32	13.5	24	89	76.2	51	97	62	10	51	19	16	32	44.4	17.5	NAT205E			NA205				
																	NAT205-16E			NA205-16				
30	1 1/8																NAT206-18E		T206E	NA206-18	19.5	11.3	13.9	1.39
		1 15/32	17/32	1 3/32	4 1/32	3 1/2	2 7/32	4 7/16	2 3/4	13/32	2 1/4	7/8	5/8	1 15/32	1.906	0.720	NAT206E			NA206				
	1 3/16	37	13.5	28	102	88.9	56	113	70	10	57	22	16	37	48.4	18.3	NAT206-19E			NA206-19				
	1 1/4																NAT206-20E			NA206-20				
35	1 1/4																NAT207-20E		T207E	NA207-20	25.7	15.4	13.9	1.73
	1 5/16																NAT207-21E			NA207-21				
	1 3/8	1 15/32	17/32	1 3/16	4 1/32	3 1/2	2 17/32	5 3/32	3 1/16	1/2	2 17/32	7/8	5/8	1 15/32	2.012	0.740	NAT207-22E			NA207-22				
		37	13.5	30	102	88.9	64	129	78	13	64	22	16	37	51.1	18.8	NAT207E			NA207				
	1 7/16																NAT207-23E			NA207-23				
40	1 1/2																NAT208-24E		T208E	NA208-24	29.1	17.8	14.0	2.74
	1 9/16	1 15/16	11/16	1 5/16	4 1/2	4	3 9/32	5 21/32	3 15/32	5/8	3 9/32	1 15/32	3/4	1 15/16	2.217	0.843	NAT208-25E			NA208-25				
		49	17.5	33	114	101.6	83	144	88	16	83	29	19	49	56.3	21.4	NAT208E			NA208				
45	1 5/8																NAT209-26E		T209E	NA209-26	34.1	21.3	14.0	2.57
	1 11/16	1 15/16	11/16	1 3/8	4 19/32	4	3 9/32	5 21/32	3 7/16	5/8	3 9/32	1 5/32	3/4	1 15/16	2.217	0.843	NAT209-27E			NA209-27				
	1 3/4	49	17.5	35	117	101.6	83	144	87	16	83	29	19	49	56.3	21.4	NAT209-28E			NA209-28				
																	NAT209E			NA209				
50	1 7/8																NAT210-30E		T210E	NA210-30	35.1	23.3	14.4	2.81
	1 15/16	1 15/16	11/16	1 15/32	4 19/32	4	3 9/32	5 7/8	3 17/32	5/8	3 3/8	1 5/32	3/4	1 15/16	2.469	0.969	NAT210-31E			NA210-31				
	2	49	17.5	37	117	101.6	83	149	90	16	86	29	19	49	62.7	24.6	NAT210E			NA210				
																	NAT210-32E			NA210-32				
55	2																NAT211-32E		T211E	NA211-32	43.4	29.4	14.4	4.28
	2 1/8	2 17/32	1 1/16	1 1/2	5 3/4	5 1/8	4 1/32	6 23/32	4 3/16	3/4	3 3/4	1 3/8	31/32	2 17/32	2.811	1.094	NAT211-34E			NA211-34				
		64	27	38	146	130.17	102	171	106	19	95	35	25	64	71.4	27.8	NAT211E			NA211				
	2 3/16																NAT211-35E			NA211-35				
60	2 1/4																NAT212-36E		T212E	NA212-36	52.4	36.2	14.4	5.23
		2 17/32	1 1/16	1 21/32	5 3/4	5 1/8	4 1/32	7 5/8	4 11/16	3/4	4 1/32	1 3/8	1 1/4	2 17/32	3.063	1.220	NAT212E			NA212				
	2 3/8	64	27	42	146	130.17	102	194	119	19	102	35	32	64	77.8	31	NAT212-38E			NA212-38				
	2 7/16																NAT212-39E			NA212-39				
65	2 1/2	2 3/4	1 1/16	1 23/32	6 9/16	5 15/16	4 3/8	8 13/16	5 13/32	13/16	4 3/4	1 5/8	1 1/4	2 3/4	3.374	1.343	NAT213-40E		T213E	NA213-40	57.2	40.1	14.4	7.49
		70	27	44	167	150.8	111	224	137	21	121	41	32	70	85.7	34.1	NAT213E			NA213				
70	2 3/4	2 3/4	1 1/16	1 13/16	6 9/16	5 15/16	4 3/8	8 13/16	5 13/32	13/16	4 3/4	1 5/8	1 1/4	2 3/4	3.374	1.343	NAT214-44E		T214E	NA214-44	62.2	44.1	14.5	7.87
		70	27	46	167	150.8	111	224	137	21	121	41	32	70	85.7	34.1	NAT214E			NA214				
75	2 15/16	2 3/4	1 1/16	1 7/8	6 9/16	5 15/16	4 3/8	9 1/8	5 1/2	13/16	4 3/4	1 5/8	1 1/4	2 3/4	3.626	1.469	NAT215-47E		T215E	NA215-47	67.4	48.3	14.5	7.83
		70	27	48	167	150.8	111	232	140	21	121	41	32	70	92.1	37.3	NAT215E			NA215				

FYH

NCT
Cylindrical bore
(with concentric locking collar)
d 20 ~ 60 mm



Variations of tolerance of groove width (Δ_{A1s}), variations of tolerance of distance between both grooves (Δ_{H1s}), and tolerance of symmetry of both groove sides (X)

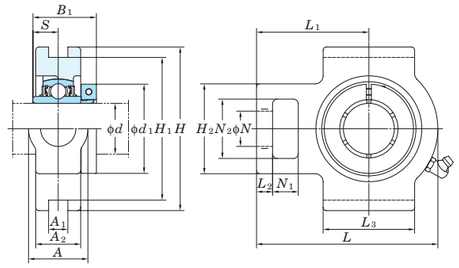
Unit: mm

Housing No.	Δ_{A1s}	Δ_{H1s}	X
T204~T210	+0.2 0	0 −0.5	0.5
T211~T212	+0.3 0	0 −0.8	0.6

Shaft Dia. mm	Shaft Dia. inch	Dimensions inch / mm A	A_1	A_2	H	H_1	H_2	L	L_1	L_2	L_3	N	N_1	N_2	B_1	S	d_1	Unit No.	Housing No.	Bearing No.	Basic Load Ratings kN C_r	C_{0r}	Factor f_0	Mass kg
20	3/4	1 1/4	15/32	13/16	3 1/2	2 63/64	2	3 11/16	2 13/32	13/32	2	3/4	5/8	1 1/4	1 9/32	0.500	1 3/4	NCT204-12	T204	NC204-12	12.8	6.65	13.2	0.9
		32	12	21	89	76	51	94	61	10	51	19	16	32	32.5	12.7	44.5	NCT204		NC204				
25	7/8	1 1/4	15/32	15/16	3 1/2	2 63/64	2	3 13/16	2 7/16	13/32	2	3/4	5/8	1 1/4	1 7/16	0.563	1 15/16	NCT205-14	T205	NC205-14	14.0	7.85	13.9	1.0
	15/16	32	12	24	89	76	51	97	62	10	51	19	16	32	36.5	14.3	49.2	NCT205-15		NC205-15				
	1																	NCT205		NC205				
																		NCT205-16		NC205-16				
30	1 1/8	1 15/32	15/32	1 3/32	4 1/32	3 1/2	2 7/32	4 7/16	2 3/4	13/32	2 1/4	7/8	5/8	1 15/32	1 9/16	0.626	2 3/16	NCT206-18	T206	NC206-18	19.5	11.3	13.9	1.5
	1 3/16	37	12	28	102	89	56	113	70	10	57	22	16	37	39.7	15.9	55.6	NCT206		NC206				
	1 1/4																	NCT206-19		NC206-19				
																		NCT206-20		NC206-20				
35	1 1/4	1 15/32	15/32	1 3/16	4 1/32	3 1/2	2 17/32	5 3/32	3 1/16	1/2	2 17/32	7/8	5/8	1 15/32	1 3/4	0.689	2 7/16	NCT207-20	T207	NC207-20	25.7	15.4	13.9	1.9
		37	12	30	102	89	64	129	78	13	64	22	16	37	44.5	17.5	61.9							
	1 3/8	1 15/32	15/32	1 3/16	4 1/32	3 1/2	2 17/32	5 3/32	3 1/16	1/2	2 17/32	7/8	5/8	1 15/32	1 3/4	0.689	2 9/16	NCT207-22	T207	NC207-22	25.7	15.4	13.9	1.9
	1 7/16	37	12	30	102	89	64	129	78	13	64	22	16	37	44.5	17.5	65.1	NCT207		NC207				
																		NCT207-23		NC207-23				
40	1 1/2	1 15/16	5/8	1 5/16	4 1/2	4 1/64	3 9/32	5 21/32	3 15/32	5/8	3 9/32	1 5/32	3/4	1 15/16	2	0.748	2 11/16	NCT208-24	T208	NC208-24	29.1	17.8	14.0	2.9
		49	16	33	114	102	83	144	88	16	83	29	19	49	50.8	19	68.3	NCT208		NC208				
45	1 5/8	1 15/16	5/8	1 3/8	4 19/32	4 1/64	3 9/32	5 21/32	3 7/16	5/8	3 9/32	1 5/32	3/4	1 15/16	2	0.748	2 13/16	NCT209-26	T209	NC209-26	34.1	21.3	14.0	2.8
		49	16	35	117	102	83	144	87	16	83	29	19	49	50.8	19	71.4							
	1 11/16	1 15/16	5/8	1 3/8	4 19/32	4 1/64	3 9/32	5 21/32	3 7/16	5/8	3 9/32	1 5/32	3/4	1 15/16	2	0.748	2 15/16	NCT209-27	T209	NC209-27	34.1	21.3	14.0	2.8
	1 3/4	49	16	35	117	102	83	144	87	16	83	29	19	49	50.8	19	74.6	NCT209-28		NC209-28				
																		NCT209		NC209				
50	1 15/16	1 15/16	5/8	1 15/32	4 19/32	4 1/64	3 9/32	5 7/8	3 17/32	5/8	3 3/8	1 5/32	3/4	1 15/16	2 3/32	0.748	3 3/8	NCT210-31	T210	NC210-31	35.1	23.3	14.4	3.2
		49	16	37	117	102	83	149	90	16	86	29	19	49	53.1	19	85.7	NCT210		NC210				
	2																	NCT210-32		NC210-32				
55	2	2 17/32	55/64	1 1/2	5 3/4	5 1/8	4 1/32	6 23/32	4 3/16	3/4	3 3/4	1 3/8	31/32	2 17/32	2 1/4	0.874	3 1/2	NCT211-32	T211	NC211-32	43.4	29.4	14.4	4.4
		64	22	38	146	130	102	171	106	19	95	35	25	64	57.1	22.2	88.9							
	2 3/16	2 17/32	55/64	1 1/2	5 3/4	5 1/8	4 1/32	6 23/32	4 3/16	3/4	3 3/4	1 3/8	31/32	2 17/32	2 1/4	0.874	3 5/8	NCT211	T211	NC211	43.4	29.4	14.4	4.4
		64	22	38	146	130	102	171	106	19	95	35	25	64	57.1	22.2	92.1	NCT211-35		NC211-35				
60	2 1/4	2 17/32	55/64	1 21/32	5 3/4	5 1/8	4 1/32	7 5/8	4 11/16	3/4	4 1/32	1 3/8	1 1/4	2 17/32	2 5/8	1.000	4 1/16	NCT212-36	T212	NC212-36	52.4	36.2	14.4	5.6
		64	22	42	146	130	102	194	119	19	102	35	32	64	66.7	25.4	103.2							
	2 7/16	2 17/32	55/64	1 21/32	5 3/4	5 1/8	4 1/32	7 5/8	4 11/16	3/4	4 1/32	1 3/8	1 1/4	2 17/32	2 5/8	1.000	4 1/8	NCT212	T212	NC212	52.4	36.2	14.4	5.6
		64	22	42	146	130	102	194	119	19	102	35	32	64	66.7	25.4	104.8	NCT212-39		NC212-39				

Remarks 1. In Part No. of unit, fitting codes follow bore diameter codes. (See **Table 10.5** in P.51.)
2. Part No. of applicable grease fittings are shown below.
A-1/4-28UNF ..... 204~210
A-R1/8 ..... 211~212
3. For the dimensions and forms of applicable bearings, see the dimensional tables of ball bearing for unit.
4. Representative examples of the forms of housing are indicated.

NCT-E
Cylindrical bore
(with concentric locking collar)
d 20 ~ 60 mm



Variations of tolerance of groove width (Δ_{A1s}), variations of tolerance of distance between both grooves (Δ_{H1s}), and tolerance of symmetry of both groove sides (X)

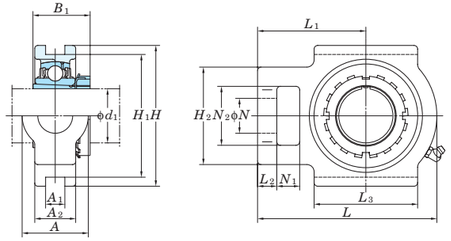
Unit: mm

Housing No.	Δ_{A1s}	Δ_{H1s}	X
T204E~T210E	+0.2 0	0 −0.5	0.5
T211E~T212E	+0.3 0	0 −0.8	0.6

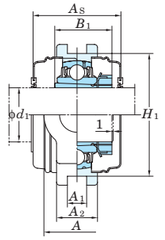
Shaft Dia. mm / inch d	Dimensions inch / mm A	A_1	A_2	H	H_1	H_2	L	L_1	L_2	L_3	N	N_1	N_2	B_1	S	d_1	Unit No.	Housing No.	Bearing No.	Basic Load Ratings kN C_r	C_{0r}	Factor f_0	Mass kg
20	3/4	1 1/4	17/32	13/16	3 1/2	3	2	3 11/16	2 13/32	13/32	2	3/4	5/8	1 1/4	1 9/32	0.500	1 3/4	NCT204-12E	T204E	NC204-12	12.8	6.65	13.2	0.9
		32	13.5	21	89	76.2	51	94	61	10	51	19	16	32	32.5	12.7	44.5	NCT204E		NC204				
25	7/8	1 1/4	17/32	15/16	3 1/2	3	2	3 13/16	2 7/16	13/32	2	3/4	5/8	1 1/4	1 7/16	0.563	1 15/16	NCT205-14E	T205E	NC205-14	14.0	7.85	13.9	1.0
	15/16	32	13.5	24	89	76.2	51	97	62	10	51	19	16	32	36.5	14.3	49.2	NCT205-15E		NC205-15				
																		NCT205E		NC205				
	1																	NCT205-16E		NC205-16				
30	1 1/8	1 15/32	17/32	1 3/32	4 1/32	3 1/2	2 7/32	4 7/16	2 3/4	13/32	2 1/4	7/8	5/8	1 15/32	1 9/16	0.626	2 3/16	NCT206-18E	T206E	NC206-18	19.5	11.3	13.9	1.5
		37	13.5	28	102	88.9	56	113	70	10	57	22	16	37	39.7	15.9	55.6	NCT206E		NC206				
	1 3/16																	NCT206-19E		NC206-19				
	1 1/4																	NCT206-20E		NC206-20				
35	1 1/4	1 15/32	17/32	1 3/16	4 1/32	3 1/2	2 17/32	5 3/32	3 1/16	1/2	2 17/32	7/8	5/8	1 15/32	1 3/4	0.689	2 7/16	NCT207-20E	T207E	NC207-20	25.7	15.4	13.9	1.9
		37	13.5	30	102	88.9	64	129	78	13	64	22	16	37	44.5	17.5	61.9							
	1 3/8	1 15/32	17/32	1 3/16	4 1/32	3 1/2	2 17/32	5 3/32	3 1/16	1/2	2 17/32	7/8	5/8	1 15/32	1 3/4	0.689	2 9/16	NCT207-22E	T207E	NC207-22	25.7	15.4	13.9	1.9
		37	13.5	30	102	88.9	64	129	78	13	64	22	16	37	44.5	17.5	65.1	NCT207E		NC207				
	1 7/16																	NCT207-23E		NC207-23				
40	1 1/2	1 15/16	11/16	1 5/16	4 1/2	4	3 9/32	5 21/32	3 15/32	5/8	3 9/32	1 5/32	3/4	1 15/16	2	0.748	2 11/16	NCT208-24E	T208E	NC208-24	29.1	17.8	14.0	2.9
		49	17.5	33	114	101.6	83	144	88	16	83	29	19	49	50.8	19	68.3	NCT208E		NC208				
45	1 5/8	1 15/16	11/16	1 3/8	4 19/32	4	3 9/32	5 21/32	3 7/16	5/8	3 9/32	1 5/32	3/4	1 15/16	2	0.748	2 13/16	NCT209-26E	T209E	NC209-26	34.1	21.3	14.0	2.8
		49	17.5	35	117	101.6	83	144	87	16	83	29	19	49	50.8	19	71.4							
	1 11/16	1 15/16	11/16	1 3/8	4 19/32	4	3 9/32	5 21/32	3 7/16	5/8	3 9/32	1 5/32	3/4	1 15/16	2	0.748	2 15/16	NCT209-27E	T209E	NC209-27	34.1	21.3	14.0	2.8
	1 3/4	49	17.5	35	117	101.6	83	144	87	16	83	29	19	49	50.8	19	74.6	NCT209-28E		NC209-28				
																		NCT209E		NC209				
50	1 15/16	1 15/16	11/16	1 15/32	4 19/32	4	3 9/32	5 7/8	3 17/32	5/8	3 3/8	1 5/32	3/4	1 15/16	2 3/32	0.748	3 3/8	NCT210-31E	T210E	NC210-31	35.1	23.3	14.4	3.2
		49	17.5	37	117	101.6	83	149	90	16	86	29	19	49	53.1	19	85.7	NCT210E		NC210				
	2																	NCT210-32E		NC210-32				
55	2	2 17/32	1 1/16	1 1/2	5 3/4	5 1/8	4 1/32	6 23/32	4 3/16	3/4	3 3/4	1 3/8	31/32	2 17/32	2 1/4	0.874	3 1/2	NCT211-32E	T211E	NC211-32	43.4	29.4	14.4	4.4
		64	27	38	146	130.17	102	171	106	19	95	35	25	64	57.1	22.2	88.9							
	2 3/16	2 17/32	1 1/16	1 1/2	5 3/4	5 1/8	4 1/32	6 23/32	4 3/16	3/4	3 3/4	1 3/8	31/32	2 17/32	2 1/4	0.874	3 5/8	NCT211E	T211E	NC211	43.4	29.4	14.4	4.4
		64	27	38	146	130.17	102	171	106	19	95	35	25	64	57.1	22.2	92.1	NCT211-35E		NC211-35				
60	2 1/4	2 17/32	1 1/16	1 21/32	5 3/4	5 1/8	4 1/32	7 5/8	4 11/16	3/4	4 1/32	1 3/8	1 1/4	2 17/32	2 5/8	1.000	4 1/16	NCT212-36E	T212E	NC212-36	52.4	36.2	14.4	5.6
		64	27	42	146	130.17	102	194	119	19	102	35	32	64	66.7	25.4	103.2							
	2 7/16	2 17/32	1 1/16	1 21/32	5 3/4	5 1/8	4 1/32	7 5/8	4 11/16	3/4	4 1/32	1 3/8	1 1/4	2 17/32	2 5/8	1.000	4 1/8	NCT212E	T212E	NC212	52.4	36.2	14.4	5.6
		64	27	42	146	130.17	102	194	119	19	102	35	32	64	66.7	25.4	104.8	NCT212-39E		NC212-39				

Remarks 1. In Part No. of unit, fitting codes follow bore diameter codes. (See **Table 10.5** in P.51.)
2. Part No. of applicable grease fittings are shown below.
A-1/4-28UNF ..... 204~210
A-R1/8 ..... 211~212
3. For the dimensions and forms of applicable bearings, see the dimensional tables of ball bearing for unit.
4. Representative examples of the forms of housing are indicated.

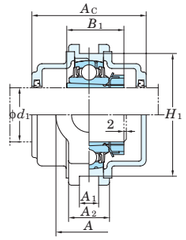
UKT
Tapered bore (with adapter)
d_1 20 ~ (50) mm



With Pressed Steel Cover



With Cast Iron Cover



Variations of tolerance of groove width (Δ_{A1s}), variations of tolerance of distance between both grooves (Δ_{H1s}), and tolerance of symmetry of both groove sides (X)

Unit: mm

Housing No.			Δ_{A1s}	Δ_{H1s}	X
T205~T210	TX05~TX10	T305~T310	+0.2 0	0 −0.5	0.5
T211~T217	TX11~TX17	T311~T318	+0.3 0	0 −0.8	0.6
		T319~T322			0.7
		T324~T328			0.8

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

T205JE3 L_c = 102 mm

Shaft Dia. mm	Shaft Dia. inch	Dimensions inch / mm: A	A1	A2	H	H1	H2	L	L1	L2	L3	N	N1	N2	B1 1)	Standard: Unit No.	Housing No.	Bearing No.	Adapter 1) No.	Mass kg	Basic Load Ratings kN: Cr	C0r	Factor f0	With Pressed Steel Cover: Unit No. Open Type	One Side Closed Type	Dimension mm inch: As	Mass kg	With Cast Iron Cover: Unit No. Open Type	One Side Closed Type	Dimension mm inch: Ac	Mass kg
d_1																															
20	3/4	1 1/4	15/32	15/16	3 1/2	2 63/64	2	3 13/16	2 7/16	13/32	2	3/4	5/8	1 1/4	1 5/32(1 3/8)	UKT205	T205	UK205	HE305X(HE2305X)	0.88	14.0	7.85	13.9	–	–	– –	–	–	–	– –	–
		32	12	24	89	76	51	97	62	10	51	19	16	32	29(35)				H305X(H2305X)	0.88				UKT205C	UKT205CD	48 1 7/8	0.88	UKT205FC	UKT205FCD	66 2 19/32	1.3
	3/4	1 15/32	15/32	1 3/32	4 1/32	3 1/2	2 7/32	4 7/16	2 3/4	13/32	2 1/4	7/8	5/8	1 15/32	1 3/8	UKTX05	TX05	UKX05	HE2305X	1.3	19.5	11.3	13.9	–	–	– –	–	–	–	– –	–
		37	12	28	102	89	56	113	70	10	57	22	16	37	35				H2305X	1.3				UKTX05C	UKTX05CD	52 2 1/16	1.3	–	–	– –	–
	3/4	1 13/32	15/32	1 1/32	3 1/2	3 5/32	2 7/16	4 13/16	3	15/32	2 9/16	1 1/32	5/8	1 13/32	1 3/8	UKT305	T305	UK305	HE2305X	1.5	21.2	10.9	12.6	–	–	– –	–	–	–	– –	–
		36	12	26	89	80	62	122	76	12	65	26	16	36	35				H2305X	1.5				–	–	– –	–	UKT305C	UKT305CD	76 3	2.1
25		1 15/32	15/32	1 3/32	4 1/32	3 1/2	2 7/32	4 7/16	2 3/4	13/32	2 1/4	7/8	5/8	1 15/32	1 7/32(1 1/2)	UKT206	T206	UK206	H306X(H2306X)	1.3	19.5	11.3	13.9	UKT206C	UKT206CD	52 2 1/16	1.3	UKT206FC	UKT206FCD	70 2 3/4	1.8
	1	37	12	28	102	89	56	113	70	10	57	22	16	37	31(38)				H306X(HE2306X)	1.3				–	–	– –	–	–	–	– –	–
		1 15/32	15/32	1 3/16	4 1/32	3 1/2	2 17/32	5 3/32	3 1/16	1/2	2 17/32	7/8	5/8	1 15/32	1 1/2	UKTX06	TX06	UKX06	H2306X	1.7	25.7	15.4	13.9	UKTX06C	UKTX06CD	59 2 5/16	1.7	–	–	– –	–
		37	12	30	102	89	64	129	78	13	64	22	16	37	38				HE2306X	1.7				–	–	– –	–	–	–	– –	–
		1 5/8	5/8	1 3/32	3 15/16	3 35/64	2 3/4	5 13/32	3 11/32	9/16	2 29/32	1 3/32	23/32	1 5/8	1 1/2	UKT306	T306	UK306	H2306X	1.9	26.7	15.0	13.3	–	–	– –	–	UKT306C	UKT306CD	82 3 7/32	2.5
	1	41	16	28	100	90	70	137	85	14	74	28	18	41	38				HE2306X	1.9				–	–	– –	–	–	–	– –	–
30	1 1/8	1 15/32	15/32	1 3/16	4 1/32	3 1/2	2 17/32	5 3/32	3 1/16	1/2	2 17/32	7/8	5/8	1 15/32	1 3/8(1 11/16)	UKT207	T207	UK207	HS307X(HS2307X)	1.7	25.7	15.4	13.9	–	–	– –	–	–	–	– –	–
		37	12	30	102	89	64	129	78	13	64	22	16	37	35(43)				H307X(H2307X)	1.7				UKT207C	UKT207CD	59 2 5/16	1.7	UKT207FC	UKT207FCD	78 3 1/16	2.5
	1 1/8	1 15/16	5/8	1 13/32	4 1/2	4 1/64	3 9/32	5 21/32	3 15/32	19/32	3 9/32	1 5/32	3/4	1 15/16	1 11/16	UKTX07	TX07	UKX07	HS2307X	2.6	29.1	17.8	14.0	–	–	– –	–	–	–	– –	–
		49	16	36	114	102	83	144	88	15	83	29	19	49	43				H2307X	2.6				UKTX07C	UKTX07CD	68 2 11/16	2.6	–	–	– –	–
	1 1/8	1 25/32	5/8	1 1/4	4 3/8	3 15/16	2 15/16	5 29/32	3 11/16	19/32	3 5/32	1 3/16	25/32	1 25/32	1 11/16	UKT307	T307	UK307	HS2307X	2.4	33.4	19.3	13.2	–	–	– –	–	–	–	– –	–
		45	16	32	111	100	75	150	94	15	80	30	20	45	43				H2307X	2.4				–	–	– –	–	UKT307C	UKT307CD	88 3 15/32	3.3
35	1 1/4	1 15/16	5/8	1 5/16	4 1/2	4 1/64	3 9/32	5 21/32	3 15/32	5/8	3 9/32	1 5/32	3/4	1 15/16	1 13/32(1 13/16)	UKT208	T208	UK208	HE308X(HE2308X)	2.5	29.1	17.8	14.0	–	–	– –	–	–	–	– –	–
	1 3/8	49	16	33	114	102	83	144	88	16	83	29	19	49	36(46)				HS308X(HS2308X)	2.5				–	–	– –	–	–	–	– –	–
																			H308X(H2308X)	2.5				UKT208C	UKT208CD	68 2 11/16	2.5	UKT208FC	UKT208FCD	86 3 3/8	3.4
	1 1/4	1 15/16	5/8	1 13/32	4 19/32	4 1/64	3 9/32	5 21/32	3 7/16	19/32	3 9/32	1 5/32	3/4	1 15/16	1 13/16	UKTX08	TX08	UKX08	HE2308X	2.6	34.1	21.3	14.0	–	–	– –	–	–	–	– –	–
	1 3/8	49	16	36	117	102	83	144	87	15	83	29	19	49	46				HS2308X	2.6				–	–	– –	–	–	–	– –	–
																			H2308X	2.6				UKTX08C	UKTX08CD	68 2 11/16	2.6	–	–	– –	–
	1 1/4	1 31/32	45/64	1 11/32	4 7/8	4 13/32	3 9/32	6 3/8	3 15/16	21/32	3 1/2	1 1/4	7/8	1 31/32	1 13/16	UKT308	T308	UK308	HE2308X	3.0	40.7	24.0	13.2	–	–	– –	–	–	–	– –	–
	1 3/8	50	18	34	124	112	83	162	100	17	89	32	22	50	46				HS2308X	3.0				–	–	– –	–	–	–	– –	–
																			H2308X	3.0				–	–	– –	–	UKT308C	UKT308CD	96 3 25/32	4.0
40	1 1/2	1 15/16	5/8	1 3/8	4 19/32	4 1/64	3 9/32	5 21/32	3 7/16	5/8	3 9/32	1 5/32	3/4	1 15/16	1 17/32(1 31/32)	UKT209	T209	UK209	HE309X(HE2309X)	2.5	34.1	21.3	14.0	–	–	– –	–	–	–	– –	–
		49	16	35	117	102	83	144	87	16	83	29	19	49	39(50)				H309X(H2309X)	2.5				UKT209C	UKT209CD	68 2 11/16	2.5	UKT209FC	UKT209FCD	88 3 15/32	3.4
	1 1/2	1 15/16	5/8	1 1/2	4 19/32	4 1/64	3 9/32	5 7/8	3 17/32	5/8	3 3/8	1 5/32	3/4	1 15/16	1 31/32	UKTX09	TX09	UKX09	HE2309X	2.9	35.1	23.3	14.4	–	–	– –	–	–	–	– –	–
		49	16	38	117	102	83	149	90	16	86	29	19	49	50				H2309X	2.9				UKTX09C	UKTX09CD	73 2 7/8	2.9	–	–	– –	–
	1 1/2	2 5/32	45/64	1 1/2	5 7/16	4 59/64	3 17/32	7	4 11/32	23/32	3 13/16	1 11/32	15/16	2 5/32	1 31/32	UKT309	T309	UK309	HE2309X	4.2	48.9	29.5	13.3	–	–	– –	–	–	–	– –	–
		55	18	38	138	125	90	178	110	18	97	34	24	55	50				H2309X	4.2				–	–	– –	–	UKT309C	UKT309CD	102 4 1/32	5.5
45	1 3/4	1 15/16	5/8	1 15/32	4 19/32	4 1/64	3 9/32	5 7/8	3 17/32	5/8	3 3/8	1 5/32	3/4	1 15/16	1 21/32(2 5/32)	UKT210	T210	UK210	HE310X(HE2310X)	2.7	35.1	23.3	14.4	–	–	– –	–	–	–	– –	–
		49	16	37	117	102	83	149	90	16	86	29	19	49	42(55)				H310X(H2310X)	2.7				UKT210C	UKT210CD	73 2 7/8	2.7	UKT210FC	UKT210FCD	97 3 13/16	3.8
	1 3/4	2 17/32	55/64	1 21/32	5 3/4	5 1/8	4 1/32	6 23/32	4 3/16	3/4	3 3/4	1 3/8	31/32	2 17/32	2 5/32	UKTX10	TX10	UKX10	HE2310X	4.4	43.4	29.4	14.4	–	–	– –	–	–	–	– –	–
		64	22	42	146	130	102	171	106	19	95	35	25	64	55				H2310X	4.4				UKTX10C	UKTX10CD	75 2 15/16	4.4	–	–	– –	–
	1 3/4	2 13/32	25/32	1 9/16	5 15/16	5 33/64	3 27/32	7 17/32	4 19/32	25/32	4 3/16	1 15/32	1 1/16	2 13/32	2 5/32	UKT310	T310	UK310	HE2310X	5.0	62.0	38.3	13.2	–	–	– –	–	–	–	– –	–
		61	20	40	151	140	98	191	117	20	106	37	27	61	55				H2310X	5.0				–	–	– –	–	UKT310C	UKT310CD	110 4 11/32	6.7
50	1 7/8	2 17/32	55/64	1 1/2	5 3/4	5 1/8	4 1/32	6 23/32	4 3/16	3/4	3 3/4	1 3/8	31/32	2 17/32	1 25/32(2 5/16)	UKT211	T211	UK211	HS311X(HS2311X)	4.1	43.4	29.4	14.4	–	–	– –	–	–	–	– –	–
	2	64	22	38	146	130	102	171	106	19	95	35	25	64	45(59)				H311X(H2311X)	4.1				UKT211C	UKT211CD	75 2 15/16	4.1	UKT211FC	UKT211FCD	99 3 29/32	5.4
																			HE311X(HE2311X)	4.1				–	–	– –	–	–	–	– –	–
	1 7/8	2 17/32	55/64	1 23/32	5 3/4	5 1/8	4 1/32	7 5/8	4 11/16	3/4	4 1/32	1 3/8	1 1/4	2 17/32	2 5/16	UKTX11	TX11	UKX11	HS2311X	5.1	52.4	36.2	14.4	–	–	– –	–	–	–	– –	–
	2	64	22	44	146	130	102	194	119	19	102	35	32	64	59				H2311X	5.1				UKTX11C	UKTX11CD	88 3 15/32	5.1	–	–	– –	–
																			HE2311X	5.1				–	–	– –	–	–	–	– –	–

Note 1) Codes shown in parentheses indicate the dimensions and Part No. of applicable adapter (H2300X series) for UK200L3 series (triple seal type).

Remarks 1. In Part No. of unit and units with covers, fitting codes follow bore diameter numbers. (See **Table 10.5** in P.51.)

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

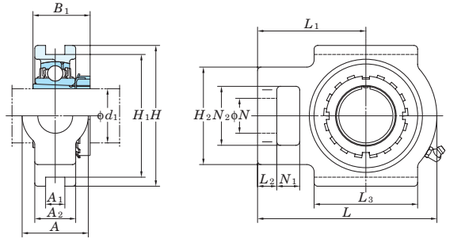
3. In Part No. of unit with adapters and bearing with adapters, Part No. of applicable adapter follow the Part No. shown in the dimensional tables. (Example of Part No. : UKT206J + H306X, UK206 + H306X)

4. As for the triple seal type product (205 is the double seal type product), accessory code L3 (or L2) follows the Part No. of unit or bearing. (Example of Part No. : UKT206JL3 + H2306X, UK206L3 + H2306X)

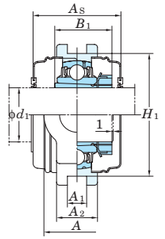
5. For the dimensions and forms of applicable bearings and adapters, see the dimensional tables of ball bearing for unit and adapter.

6. Housings of nodular graphite cast iron are also available.

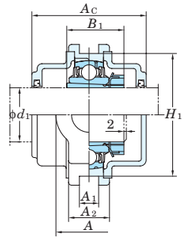
UKT
Tapered bore (with adapter)
d_1 (50) ~ 110 mm



With Pressed Steel Cover



With Cast Iron Cover



Variations of tolerance of groove width (Δ_{A1s}), variations of tolerance of distance between both grooves (Δ_{H1s}), and tolerance of symmetry of both groove sides (X)

Unit: mm

Housing No.			Δ_{A1s}	Δ_{H1s}	X
T205~T210	TX05~TX10	T305~T310	+0.2 0	0 −0.5	0.5
T211~T217	TX11~TX17	T311~T318	+0.3 0	0 −0.8	0.6
		T319~T322			0.7
		T324~T328			0.8

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

T205JE3 L_c = 102 mm

Shaft Dia. mm	Shaft Dia. inch	Dimensions inch / mm: A	A1	A2	H	H1	H2	L	L1	L2	L3	N	N1	N2	B1 1)	Standard Unit No.	Standard Housing No.	Standard Bearing No.	Adapter 1) No.	Mass kg	Basic Load Ratings kN: Cr	C0r	Factor f0	With Pressed Steel Cover Unit No.: Open Type	One Side Closed Type	Dimension mm inch: As	Mass kg	With Cast Iron Cover Unit No.: Open Type	One Side Closed Type	Dimension mm inch: Ac	Mass kg
d1																															
50	1 7/8	2 19/32	55/64	1 23/32	6 13/32	5 29/32	4 1/8	8 5/32	5	13/16	4 17/32	1 17/32	1 5/32	2 19/32	2 5/16				HS2311X	6.4				–	–	– –	–	–	–	– –	–
		66	22	44	163	150	105	207	127	21	115	39	29	66	59	UKT311	T311	UK311	H2311X	6.4	71.6	45.0	13.2	–	–	– –	–	UKT311C	UKT311CD	114 4 1/2	8.3
	2																		HE2311X	6.4				–	–	– –	–	–	–	– –	–
55	2 1/8	2 17/32	55/64	1 21/32	5 3/4	5 1/8	4 1/32	7 5/8	4 11/16	3/4	4 1/32	1 3/8	1 1/4	2 17/32	1 27/32(2 7/16)				HS312X(HS2312X)	4.8				–	–	– –	–	–	–	– –	–
		64	22	42	146	130	102	194	119	19	102	35	32	64	47(62)	UKT212	T212	UK212	H312X(H2313X)	4.8	52.4	36.2	14.4	UKT212C	UKT212CD	88 3 15/32	4.8	UKT212FC	UKT212FCD	114 4 1/2	6.3
	2 1/8	2 3/4	1 1/32	1 7/8	6 9/16	5 15/16	4 3/8	8 13/16	5 13/32	13/16	4 3/4	1 5/8	1 1/4	2 3/4	2 7/16				HS2312X	7.3				–	–	– –	–	–	–	– –	–
		70	26	48	167	151	111	224	137	21	121	41	32	70	62	UKTX12	TX12	UKX12	H2312X	7.3	57.2	40.1	14.4	UKTX12C	UKTX12CD	88 3 15/32	7.3	–	–	– –	–
	2 1/8	2 25/32	55/64	1 13/16	7	6 19/64	4 7/16	8 21/32	5 5/16	29/32	4 27/32	1 5/8	1 7/32	2 25/32	2 7/16				HS2312X	7.5				–	–	– –	–	–	–	– –	–
		71	22	46	178	160	113	220	135	23	123	41	31	71	62	UKT312	T312	UK312	H2312X	7.5	81.9	52.2	13.2	–	–	– –	–	UKT312C	UKT312CD	124 4 7/8	9.9
60	2 1/4	2 3/4	1 1/32	1 23/32	6 9/16	5 15/16	4 3/8	8 13/16	5 13/32	13/16	4 3/4	1 5/8	1 1/4	2 3/4	1 31/32(2 9/16)				HE313X(HE2313X)	6.8				–	–	– –	–	–	–	– –	–
		70	26	44	167	151	111	224	137	21	121	41	32	70	50(65)	UKT213	T213	UK213	H313X(H2313X)	6.8	57.2	40.1	14.4	UKT213C	UKT213CD	88 3 15/32	6.8	UKT213FC	UKT213FCD	114 4 1/2	8.5
	2 3/8																		HS313X(HS2313X)	6.8				–	–	– –	–	–	–	– –	–
	2 1/4	2 3/4	1 1/32	1 7/8	6 9/16	5 15/16	4 3/8	8 13/16	5 13/32	13/16	4 3/4	1 5/8	1 1/4	2 3/4	2 9/16				HE2313X	7.2				–	–	– –	–	–	–	– –	–
		70	26	48	167	151	111	224	137	21	121	41	32	70	65	UKTX13	TX13	UKX13	H2313X	7.2	62.2	44.1	14.5	UKTX13C	UKTX13CD	98 3 27/32	7.2	–	–	– –	–
	2 3/8																		HS2313X	7.2				–	–	– –	–	–	–	– –	–
	2 1/4	3 5/32	1 1/32	1 31/32	7 15/32	6 11/16	4 9/16	9 3/8	5 3/4	31/32	5 9/32	1 11/16	1 1/4	2 3/4	2 9/16				HE2313X	9.4				–	–	– –	–	–	–	– –	–
		80	26	50	190	170	116	238	146	25	134	43	32	70	65	UKT313	T313	UK313	H2313X	9.4	92.7	59.9	13.2	–	–	– –	–	UKT313C	UKT313CD	122 4 13/16	11.6
	2 3/8																		HS2313X	9.4				–	–	– –	–	–	–	– –	–
65	2 1/2	2 3/4	1 1/32	1 13/16	6 9/16	5 15/16	4 3/8	8 13/16	5 13/32	13/16	4 3/4	1 5/8	1 1/4	2 3/4	2 5/32(2 7/8)				HE315X(HE2315X)	7.4				–	–	– –	–	–	–	– –	–
		70	26	48	167	151	111	232	140	21	121	41	32	70	55(73)	UKT215	T215	UK215	H315X(H2315X)	7.4	67.4	48.3	14.5	UKT215C	UKT215CD	98 3 27/32	7.4	UKT215FC	UKT215FCD	124 4 7/8	9.4
	2 1/2	2 3/4	1 7/64	1 7/8	7 1/4	6 1/2	4 3/8	9 1/4	5 1/2	13/16	4 3/4	1 5/8	1 1/4	2 3/4	2 7/8				HE2315X	8.4				–	–	– –	–	–	–	– –	–
		70	28	48	184	165	111	235	140	21	121	41	32	70	73	UKTX15	TX15	UKX15	H2315X	8.4	72.7	53.0	14.6	UKTX15C	UKTX15CD	108 4 1/4	8.4	–	–	– –	–
	2 1/2	3 17/32	1 1/32	2 5/32	8 1/2	7 9/16	5 3/16	10 5/16	6 5/16	31/32	5 29/32	1 13/16	1 13/32	3 11/32	2 7/8				HE2315X	13.1				–	–	– –	–	–	–	– –	–
		90	26	55	216	192	132	262	160	25	150	46	36	85	73	UKT315	T315	UK315	H2315X	13.1	113	77.2	13.2	–	–	– –	–	UKT315C	UKT315CD	134 5 9/32	15.9
70	2 3/4	2 3/4	1 1/32	2	7 1/4	6 1/2	4 3/8	9 1/4	5 1/2	13/16	4 3/4	1 5/8	1 1/4	2 3/4	2 5/16(3 1/16)				HE316X(HE2316X)	8.5				–	–	– –	–	–	–	– –	–
		70	26	51	184	165	111	235	140	21	121	41	32	70	59(78)	UKT216	T216	UK216	H316X(H2316X)	8.5	72.7	53.0	14.6	UKT216C	UKT216CD	108 4 1/4	8.5	UKT216FC	UKT216FCD	138 5 7/16	11.0
	2 3/4	2 7/8	1 7/64	2 1/8	7 25/32	6 13/16	4 7/8	10 1/4	6 3/8	1 3/32	6 3/16	1 7/8	1 1/2	2 7/8	3 1/16				HE2316X	11.8				–	–	– –	–	–	–	– –	–
		73	28	54	198	173	124	260	162	28	157	48	38	73	78	UKTX16	TX16	UKX16	H2316X	11.8	84.0	61.9	14.5	UKTX16C	UKTX16CD	112 4 13/32	11.8	–	–	– –	–
	2 3/4	4 1/32	1 3/16	2 3/8	9 1/16	8 1/32	5 29/32	11 3/32	6 27/32	1 3/32	6 5/16	2 3/32	1 21/32	3 27/32	3 1/16				HE2316X	16.3				–	–	– –	–	–	–	– –	–
		102	30	60	230	204	150	282	174	28	160	53	42	98	78	UKT316	T316	UK316	H2316X	16.3	123	86.7	13.3	–	–	– –	–	UKT316C	UKT316CD	138 5 7/16	19.4
	3	2 7/8	1 3/16	2 1/8	7 25/32	6 13/16	4 7/8	10 1/4	6 3/8	1 5/32	6 3/16	1 7/8	1 1/2	2 7/8	2 15/32(3 7/32)				H317X(H2317X)	11.2				UKT217C	UKT217CD	112 4 13/32	11.2	UKT217FC	UKT217FCD	142 5 19/32	14.0
		73	30	54	198	173	124	260	162	29	157	48	38	73	63(82)	UKT217	T217	UK217	HE317X(HE2317X)	11.2	84.0	61.9	14.5	–	–	– –	–	–	–	– –	–
75	3	2 7/8	1 7/64	2 1/8	7 25/32	6 13/16	4 7/8	10 1/4	6 3/8	1 3/32	6 3/16	1 7/8	1 1/2	2 7/8	3 7/32				H2317X	11.4				UKTX17C	UKTX17CD	122 4 13/16	11.4	–	–	– –	–
		73	28	54	198	173	124	260	162	28	157	48	38	73	82	UKTX17	TX17	UKX17	HE2317X	11.4	96.1	71.5	14.5	–	–	– –	–	–	–	– –	–
	3	4 1/32	1 17/64	2 17/32	9 7/16	8 27/64	5 31/32	11 23/32	7 7/32	1 3/16	6 11/16	2 3/32	1 21/32	3 27/32	3 7/32				H2317X	18.9				–	–	– –	–	UKT317C	UKT317CD	146 5 3/4	22.4
		102	32	64	240	214	152	298	183	30	170	53	42	98	82	UKT317	T317	UK317	HE2317X	18.9	133	96.8	13.3	–	–	– –	–	–	–	– –	–
80	–	4 11/32	1 17/64	2 19/32	10 1/32	8 31/32	6 5/16	12 9/32	7 9/16	1 3/16	6 7/8	2 1/4	1 13/16	4 3/16	3 3/8				H2318X	21.7	143	107	13.3	–	–	– –	–	UKT318C	UKT318CD	150 5 29/32	25.9
		110	32	66	255	228	160	312	192	30	175	57	46	106	86	UKT318	T318	UK318													
85	3 1/4	4 11/32	1 3/8	2 27/32	10 5/8	9 29/64	6 1/2	12 11/16	7 3/4	1 7/32	7 3/32	2 1/4	1 13/16	4 3/16	3 17/32				HE2319X	25.2				–	–	– –	–	–	–	– –	–
		110	35	72	270	240	165	322	197	31	180	57	46	106	90	UKT319	T319	UK319	H2319X	25.2	153	119	13.3	–	–	– –	–	UKT319C	UKT319CD	162 6 3/8	29.9
90	3 1/2	4 23/32	1 3/8	2 15/16	11 13/32	10 15/64	6 7/8	13 19/32	8 9/32	1 1/4	7 7/8	2 5/16	1 7/8	4 17/32	3 13/16				HE2320X	30.4				–	–	– –	–	–	–	– –	–
		120	35	75	290	260	175	345	210	32	200	59	48	115	97	UKT320	T320	UK320	H2320X	30.4	173	141	13.2	–	–	– –	–	UKT320C	UKT320CD	174 6 27/32	36.6
100	4	5 1/8	1 1/2	3 5/32	12 19/32	11 7/32	7 9/32	15 9/32	9 1/4	1 1/2	8 15/32	2 9/16	2 1/16	4 29/32	4 1/8				HE2322X	39.5				–	–	– –	–	–	–	– –	–
		130	38	80	320	285	185	385	235	38	215	65	52	125	105	UKT322	T322	UK322	HE2322X	39.5	205	180	13.2	–	–	– –	–	–	–	– –	–
110	–	5 1/2	1 49/64	3 17/32	13 31/32	12 9/32	8 9/32	17	10 1/2	1 21/32	9 1/16	2 3/4	2 3/8	5 1/2	4 13/32				H2324	54.7	207	185	13.5	–	–	– –	–	UKT324C	UKT324CD	196 7 23/32	65.0
		140	45	90	355	320	210	432	267	42	230	70	60	140	112	UKT324	T324	UK324													

Note 1) Codes shown in parentheses indicate the dimensions and Part No. of applicable adapter (H2300X series) for UK200L3 series (triple seal type).

Remarks 1. In Part No. of unit and units with covers, fitting codes follow bore diameter numbers. (See **Table 10.5** in P.51.)

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

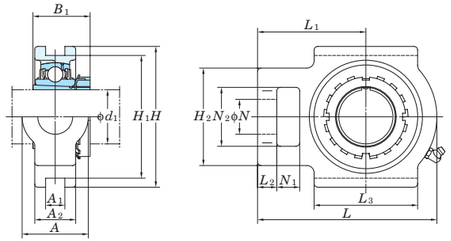
3. In Part No. of unit with adapters and bearing with adapters, Part No. of applicable adapter follow the Part No. shown in the dimensional tables. (Example of Part No. : UKT206J + H306X, UK206 + H306X)

4. As for the triple seal type product (205 is the double seal type product), accessory code L3 (or L2) follows the Part No. of unit or bearing. (Example of Part No. : UKT206JL3 + H2306X, UK206L3 + H2306X)

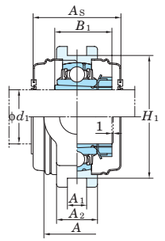
5. For the dimensions and forms of applicable bearings and adapters, see the dimensional tables of ball bearing for unit and adapter.

6. Housings of nodular graphite cast iron are also available.

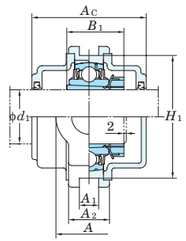
UKT
Tapered bore (with adapter)
d_1 115 ~ 125 mm



With Pressed Steel Cover



With Cast Iron Cover



Variations of tolerance of groove width (Δ_{A1s}), variations of tolerance of distance between both grooves (Δ_{H1s}), and tolerance of symmetry of both groove sides (X)

Unit: mm

Housing No.			Δ_{A1s}	Δ_{H1s}	X
T205~T210	TX05~TX10	T305~T310	+0.2 0	0 −0.5	0.5
T211~T217	TX11~TX17	T311~T318	+0.3 0	0 −0.8	0.6
		T319~T322			0.7
		T324~T328			0.8

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

T205JE3 L_c = 102 mm

Shaft Dia. mm	Shaft Dia. inch	Dimensions inch / mm													Standard Unit No.	Standard Housing No.	Standard Bearing No.	Adapter No. 1)	Mass	Basic Load Ratings kN		Factor	With Pressed Steel Cover Unit No.		Dimension mm inch	Mass	With Cast Iron Cover Unit No.		Dimension mm inch	Mass
d_1		A	A_1	A_2	H	H_1	H_2	L	L_1	L_2	L_3	N	N_1	N_2					kg	C_r	C_{0r}	f_0	Open Type	One Side Closed Type	A_s	kg	Open Type	One Side Closed Type	A_c	kg
115	4 1/2	5 29/32	1 31/32	3 15/16	15 5/32	13 25/32	8 21/32	18 5/16	11 7/32	1 25/32	9 7/16	2 15/16	2 9/16	5 29/32	UKT326	T326	UK326	HE2326	69.1	229	214	13.6	–	–	– –	–	–	–	– –	–
		150	50	100	385	350	220	465	285	45	240	75	65	150				H2326	69.1				–	–	– –	–	UKT326C	UKT326CD	214 8 7/16	82.4
125	–	6 3/32	1 31/32	3 15/16	16 11/32	14 61/64	9 1/16	20 9/32	12 13/32	1 31/32	10 1/32	3 5/32	2 3/4	6 5/16	UKT328	T328	UK328	H2328	85.1	253	246	13.6	–	–	– –	–	UKT328C	UKT328CD	222 8 3/4	102
		155	50	100	415	380	230	515	315	50	255	80	70	160																

Note 1) Codes shown in parentheses indicate the dimensions and Part No. of applicable adapter (H2300X series) for UK200L3 series (triple seal type).

Remarks 1. In Part No. of unit and units with covers, fitting codes follow bore diameter numbers. (See **Table 10.5** in P.51.)

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

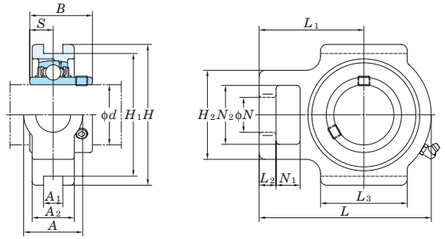
3. In Part No. of unit with adapters and bearing with adapters, Part No. of applicable adapter follow the Part No. shown in the dimensional tables. (Example of Part No. : UKT206J + H306X, UK206 + H306X)

4. As for the triple seal type product (205 is the double seal type product), accessory code L3 (or L2) follows the Part No. of unit or bearing. (Example of Part No. : UKT206JL3 + H2306X, UK206L3 + H2306X)

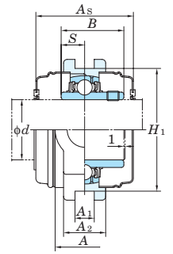
5. For the dimensions and forms of applicable bearings and adapters, see the dimensional tables of ball bearing for unit and adapter.

6. Housings of nodular graphite cast iron are also available.

UCST-H1S6
Cylindrical bore (with set screws)
d 20 ~ 50 mm



With Pressed Stainless Steel Cover



Variations of tolerance of groove width (Δ_{A1s}), variations of tolerance of distance between both grooves (Δ_{H1s}), and tolerance of symmetry of both groove sides (X)

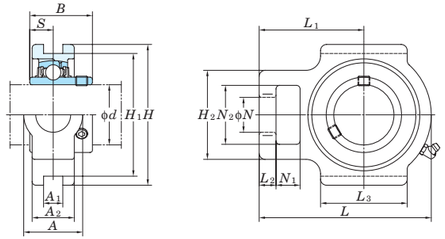
Unit: mm

Housing No.	Δ_{A1s}	Δ_{H1s}	X
ST204H1~210H1	+0.2 0	0 −0.5	0.5

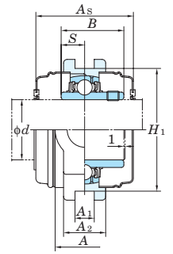
Shaft Dia. mm	Shaft Dia. inch	Dimensions inch / mm														Unit No.	Housing No.	Bearing No.	Basic Load Ratings kN		Factor	Mass	With Pressed Stainless Steel Cover Unit No.		Dimension mm	Dimension inch	Mass
d		A	A_1	A_2	H	H_1	H_2	L	L_1	L_2	L_3	N	N_1	N_2	B	S				C_r	C_{0r}	f_0	kg	Open Type	One Side Closed Type	A_s		kg
20	3/4	1 1/4	17/32	29/32	3 1/2	3	1 13/16	3 1/2	2 5/16	11/32	1 23/32	3/4	23/32	1 1/4	1.220	0.500	UCST204-12H1S6	ST204H1	UC204-12S6	10.9	5.35	13.2	0.73	–	–	–	–	–
		32	13.5	23	89	76.2	46	89	59	9	44	19	18	32	31	12.7	UCST204H1S6		UC204S6					UCST204H1CS6	UCST204H1CDS6	45	1 25/32	0.73
25	7/8	1 1/4	17/32	31/32	3 1/2	3	1 13/16	3 21/32	2 3/8	11/32	1 23/32	3/4	23/32	1 1/4	1.343	0.563	UCST205-14H1S6	ST205H1	UC205-14S6	11.9	6.30	13.9	0.79	–	–	–	–	–
	15/16																UCST205-15H1S6		UC205-15S6					–	–	–	–	–
		32	13.5	25	89	76.2	46	93	60	9	44	19	18	32	34.1	14.3	UCST205H1S6		UC205S6					UCST205H1CS6	UCST205H1CDS6	49	1 15/16	0.79
	1																UCST205-16H1S6		UC205-16S6					–	–	–	–	–
30	1 1/8	1 15/32	17/32	1 1/16	4 1/32	3 1/2	2 1/16	4 3/16	2 5/8	11/32	1 31/32	7/8	23/32	1 15/32	1.500	0.626	UCST206-18H1S6	ST206H1	UC206-18S6	16.5	9.05	13.9	1.1	–	–	–	–	–
																	UCST206H1S6		UC206S6					UCST206H1CS6	UCST206H1CDS6	53	2 3/32	1.1
	1 3/16	37	13.5	27	102	88.9	52	106	67	9	50	22	18	37	38.1	15.9	UCST206-19H1S6		UC206-19S6					–	–	–	–	–
	1 1/4																UCST206-20H1S6		UC206-20S6					–	–	–	–	–
35	1 1/4	1 15/32	17/32	1 7/32	4 1/32	3 1/2	2 7/32	4 11/16	2 15/16	7/16	2 7/32	7/8	23/32	1 15/32	1.689	0.689	UCST207-20H1S6	ST207H1	UC207-20S6	21.8	12.3	13.9	1.5	–	–	–	–	–
	1 5/16																UCST207-21H1S6		UC207-21S6					–	–	–	–	–
	1 3/8																UCST207-22H1S6		UC207-22S6					–	–	–	–	–
		37	13.5	31	102	88.9	56	119	75	11	56	22	18	37	42.9	17.5	UCST207H1S6		UC207S6					UCST207H1CS6	UCST207H1CDS6	60	2 3/8	1.5
	1 7/16																UCST207-23H1S6		UC207-23S6					–	–	–	–	–
40	1 1/2	1 15/16	11/16	1 1/4	4 1/2	4	2 29/32	5 5/16	3 11/32	9/16	2 17/32	1 5/32	25/32	1 15/16	1.937	0.748	UCST208-24H1S6	ST208H1	UC208-24S6	24.8	14.3	14.0	2.0	–	–	–	–	–
	1 9/16																UCST208-25H1S6		UC208-254S6					–	–	–	–	–
		49	17.5	32	114	101.6	74	135	85	14	64	29	20	49	49.2	19	UCST208H1S6		UC208S6					UCST208H1CS6	UCST208H1CDS6	69	2 23/32	2.0
45	1 5/8	1 15/16	11/16	1 11/32	4 19/32	4	2 29/32	5 13/32	3 11/32	9/16	2 19/32	1 5/32	25/32	1 15/16	1.937	0.748	UCST209-26H1S6	ST209H1	UC209-26S6	27.8	16.2	14.0	2.1	–	–	–	–	–
	1 11/16																UCST209-27H1S6		UC209-27S6					–	–	–	–	–
	1 3/4	49	17.5	34	117	101.6	74	137	85	14	66	29	20	49	49.2	19	UCST209-28H1S6		UC209-28S6					–	–	–	–	–
																	UCST209H1S6		UC209S6					UCST209H1CS6	UCST209H1CDS6	69	2 23/32	2.1
50	1 7/8	1 15/16	11/16	1 3/8	4 19/32	4	2 29/32	5 5/8	3 7/16	9/16	2 27/32	1 5/32	25/32	1 15/16	2.031	0.748	UCST210-30H1S6	ST210H1	UC210-30S6	29.8	18.6	14.4	2.3	–	–	–	–	–
	1 15/16																UCST210-31H1S6		UC210-31S6					–	–	–	–	–
		49	17.5	35	117	101.6	74	143	87	14	72	29	20	49	51.6	19	UCST210H1S6		UC210S6					UCST210H1CS6	UCST210H1CDS6	74	2 29/32	2.3
	2																UCST210-32H1S6		UC210-32S6					–	–	–	–	–

Remarks 1. In Part No. of unit and units with covers, fitting codes follow bore diameter codes. (See **Table 10.5** in P.51.)
2. Part No. of the applicable grease fitting is B-1/4-28UNFN12.
3. For the dimensions and forms of applicable bearings, see the dimensional tables of ball bearing for unit.

UCST-EH1S6
Cylindrical bore (with set screws)
d 20 ~ 50 mm



With Pressed Stainless Steel Cover



Variations of tolerance of groove width (Δ_{A1s}), variations of tolerance of distance between both grooves (Δ_{H1s}), and tolerance of symmetry of both groove sides (X)

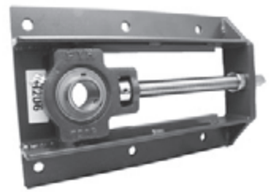
Unit: mm

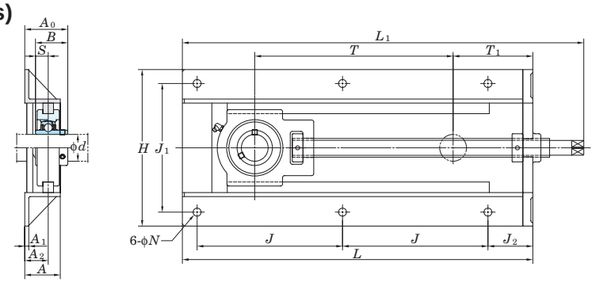
Housing No.	Δ_{A1s}	Δ_{H1s}	X
ST204EH1~210EH1	+0.2 0	0 −0.5	0.5

Shaft Dia. mm	Shaft Dia. inch	Dimensions inch / mm: A	A_1	A_2	H	H_1	H_2	L	L_1	L_2	L_3	N	N_1	N_2	B	S	Unit No.	Housing No.	Bearing No.	Basic Load Ratings kN: C_r	C_{0r}	Factor f_0	Mass kg	With Pressed Stainless Steel Cover: Unit No. Open Type	One Side Closed Type	Dimension mm / inch: A_S	Mass kg
20	3/4	1 1/4	17/32	29/32	3 1/2	3	1 13/16	3 1/2	2 5/16	11/32	1 23/32	3/4	23/32	1 1/4	1.220	0.500	UCST204-12EH1S6	ST204EH1	UC204-12S6	10.9	5.35	13.2	0.73	–	–	– –	–
		32	13.5	23	89	76.2	46	89	59	9	44	19	18	32	31	12.7	UCST204EH1S6		UC204S6					UCST204EH1CS6	UCST204EH1CDS6	45	1 25/32	0.73
25	7/8																UCST205-14EH1S6	ST205EH1	UC205-14S6	11.9	6.30	13.9	0.79	–	–	– –	–
	15/16	1 1/4	17/32	31/32	3 1/2	3	1 13/16	3 21/32	2 3/8	11/32	1 23/32	3/4	23/32	1 1/4	1.343	0.563	UCST205-15EH1S6		UC205-15S6					–	–	– –	–
		32	13.5	25	89	76.2	46	93	60	9	44	19	18	32	34.1	14.3	UCST205EH1S6		UC205S6					UCST205EH1CS6	UCST205EH1CDS6	49	1 15/16	0.79
	1																UCST205-16EH1S6		UC205-16S6					–	–	– –	–
30	1 1/8																UCST206-18EH1S6	ST206EH1	UC206-18S6	16.5	9.05	13.9	1.1	–	–	– –	–
		1 15/32	17/32	1 1/16	4 1/32	3 1/2	2 1/16	4 3/16	2 5/8	11/32	1 31/32	7/8	23/32	1 15/32	1.500	0.626	UCST206EH1S6		UC206S6					UCST206EH1CS6	UCST206EH1CDS6	53	2 3/32	1.1
	1 3/16	37	13.5	27	102	88.9	52	106	67	9	50	22	18	37	38.1	15.9	UCST206-19EH1S6		UC206-19S6					–	–	– –	–
	1 1/4																UCST206-20EH1S6		UC206-20S6					–	–	– –	–
35	1 1/4																UCST207-20EH1S6	ST207EH1	UC207-20S6	21.8	12.3	13.9	1.5	–	–	– –	–
	1 5/16																UCST207-21EH1S6		UC207-21S6					–	–	– –	–
	1 3/8	1 15/32	17/32	1 7/32	4 1/32	3 1/2	2 7/32	4 11/16	2 15/16	7/16	2 7/32	7/8	23/32	1 15/32	1.689	0.689	UCST207-22EH1S6		UC207-22S6					–	–	– –	–
		37	13.5	31	102	88.9	56	119	75	11	56	22	18	37	42.9	17.5	UCST207EH1S6		UC207S6					UCST207EH1CS6	UCST207EH1CDS6	60	2 3/8	1.5
	1 7/16																UCST207-23EH1S6		UC207-23S6					–	–	– –	–
40	1 1/2																UCST208-24EH1S6	ST208EH1	UC208-24S6	24.8	14.3	14.0	2.0	–	–	– –	–
	1 9/16	1 15/16	11/16	1 1/4	4 1/2	4	2 29/32	5 5/16	3 11/32	9/16	2 17/32	1 5/32	25/32	1 15/16	1.937	0.748	UCST208-25EH1S6		UC208-254S6					–	–	– –	–
		49	17.5	32	114	101.6	74	135	85	14	64	29	20	49	49.2	19	UCST208EH1S6		UC208S6					UCST208EH1CS6	UCST208EH1CDS6	69	2 23/32	2.0
45	1 5/8																UCST209-26EH1S6	ST209EH1	UC209-26S6	27.8	16.2	14.0	2.1	–	–	– –	–
	1 11/16	1 15/16	11/16	1 11/32	4 19/32	4	2 29/32	5 13/32	3 11/32	9/16	2 19/32	1 5/32	25/32	1 15/16	1.937	0.748	UCST209-27EH1S6		UC209-27S6					–	–	– –	–
	1 3/4	49	17.5	34	117	101.6	74	137	85	14	66	29	20	49	49.2	19	UCST209-28EH1S6		UC209-28S6					–	–	– –	–
																	UCST209EH1S6		UC209S6					UCST209EH1CS6	UCST209EH1CDS6	69	2 23/32	2.1
50	1 7/8																UCST210-30EH1S6	ST210EH1	UC210-30S6	29.8	18.6	14.4	2.3	–	–	– –	–
	1 15/16	1 15/16	11/16	1 3/8	4 19/32	4	2 29/32	5 5/8	3 7/16	9/16	2 27/32	1 5/32	25/32	1 15/16	2.031	0.748	UCST210-31EH1S6		UC210-31S6					–	–	– –	–
		49	17.5	35	117	101.6	74	143	87	14	72	29	20	49	51.6	19	UCST210EH1S6		UC210S6					UCST210EH1CS6	UCST210EH1CDS6	74	2 29/32	2.3
	2																UCST210-32EH1S6		UC210-32S6					–	–	– –	–

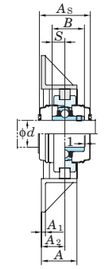
Remarks 1. In Part No. of unit and units with covers, fitting codes follow bore diameter codes. (See **Table 10.5** in P.51.)
2. Part No. of the applicable grease fitting is B-1/4-28UNFN12.
3. For the dimensions and forms of applicable bearings, see the dimensional tables of ball bearing for unit.

UCTH
Cylindrical bore (with set screws)
d 12 ~ 65 mm

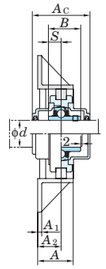




With Pressed Steel Cover



With Cast Iron Cover



Variations of tolerance of distance between centers of bolt holes (Δ_{Js}, Δ_{J1s})

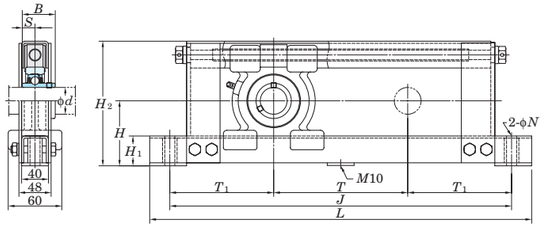
Unit: mm

Nominal unit code	Δ_{Js}	Δ_{J1s}
UCTH201~UCTH213	±0.5	±0.5

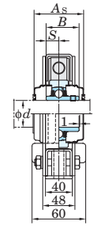
Shaft Dia. mm	Shaft Dia. inch	Dimensions mm/inch: H	L	L_1	A	J	J_1	J_2	N	T	T_1	A_1	A_2	A_0	B	S	Bolt Size inch	Bolt Size mm	Standard Unit No.	Bearing No.	Mass kg	Basic Load Ratings kN C_r	Basic Load Ratings kN C_{0r}	Factor f_0	With Pressed Steel Cover Unit No. Open Type	With Pressed Steel Cover Unit No. One Side Closed Type	With Pressed Steel Cover Dimension mm/inch A_s	With Pressed Steel Cover Mass kg	With Cast Iron Cover Unit No. Open Type	With Cast Iron Cover Unit No. One Side Closed Type	With Cast Iron Cover Dimension mm/inch A_c	With Cast Iron Cover Mass kg
12	1/2																		UCTH201-150	UC201	6.7											
																			UCTH201-8-150	UC201-8	6.7				–	–	– –	–	–	–	– –	–
15																			UCTH202-150	UC202	6.7				UCTH202C-150	UCTH202CD-150	44 1 23/32	6.7	–	–	– –	–
	5/8	7 7/8	12 17/32	14 13/16	1 31/32	4 39/64	6 1/16	2 9/16	15/32	5 1/32	3 15/32	1/4	1 7/64	1 13/16	1.220	0.500	3/8		UCTH202-10-150	UC202-10	6.7	12.8	6.65	13.2	–	–	– –	–	–	–	– –	–
		200	318	376	50	117	154	65	12	153	88	6	28	46.3	31	12.7		M10														
17																			UCTH203-150	UC203	6.7				UCTH203C-150	UCTH203CD-150	44 1 23/32	6.7	–	–	– –	–
	3/4																		UCTH204-12-150	UC204-12	6.7				–	–	– –	–	–	–	– –	–
20																			UCTH204-150	UC204	6.7				UCTH204C-150	UCTH204CD-150	44 1 23/32	6.7	UCTH204FC-150	UCTH204FCD-150	62 2 7/16	7.0
25	7/8																		UCTH205-14-150	UC205-14	6.7				–	–	– –	–	–	–	– –	–
	15/16	7 7/8	12 17/32	14 27/32	1 31/32	4 39/64	6 1/16	2 9/16	15/32	5 31/32	3 15/32	1/4	1 7/64	1 7/8	1.343	0.563	3/8		UCTH205-15-150	UC205-15	6.7	14.0	7.85	13.9	–	–	– –	–	–	–	– –	–
		200	318	377	50	117	154	65	12	152	88	6	28	47.8	34.1	14.3		M10														
	1																		UCTH205-16-150	UC205-16	6.7				–	–	– –	–	–	–	– –	–
30	1 1/8																		UCTH206-18-150	UC206-18	8.0				–	–	– –	–	–	–	– –	–
		8 3/8	13 7/32	16 1/32	1 31/32	4 31/32	6 17/32	2 9/16	15/32	5 5/8	3 15/16	1/4	1 17/64	2 1/8	1.500	0.626	3/8		UCTH206-150	UC206	8.0	19.5	11.3	13.9	UCTH206C-150	UCTH206CD-150	52 2 1/16	8.0	UCTH206FC-150	UCTH206FCD-150	70 2 3/4	8.5
	1 3/16	213	336	407	50	126	166	65	12	143	100	6	32	54.2	38.1	15.9		M10	UCTH206-19-150	UC206-19	8.0				–	–	– –	–	–	–	– –	–
	1 1/4																		UCTH206-20-150	UC206-20	8.0				–	–	– –	–	–	–	– –	–
35	1 1/4																		UCTH207-20-230	UC207-20	10.5				–	–	– –	–	–	–	– –	–
	1 5/16																		UCTH207-21-230	UC207-21	10.5				–	–	– –	–	–	–	– –	–
	1 3/8	8 3/8	16 15/16	19 11/16	1 31/32	6 13/16	6 17/32	2 9/16	15/32	8 5/8	4 7/32	1/4	1 17/64	2 1/4	1.689	0.689	3/8		UCTH207-22-230	UC207-22	10.5	3	15.4	13.9	–	–	– –	–	–	–	– –	–
		213	430	500	50	173	166	65	12	219	107	6	32	57.4	42.9	17.5		M10	UCTH207-230	UC207	10.5				UCTH207C-230	UCTH207CD-230	59 2 5/16	10.5	UCTH207FC-230	UCTH207FCD-230	78 3 1/16	11.2
	1 7/16																		UCTH207-23-230	UC207-23	10.5				–	–	– –	–	–	–	– –	–
40	1 1/2																		UCTH208-24-300	UC208-24	12.5				–	–	– –	–	–	–	– –	–
	1 9/16	9 7/32	20 19/32	23 19/32	1 31/32	8 35/64	7 9/16	2 5/8	15/32	11 21/32	4 11/16	1/4	1 3/8	2 9/16	1.937	0.748	3/8		UCTH208-25-300	UC208-25	12.5	29.1	17.8	14.0	–	–	– –	–	–	–	– –	–
		234	523	599	50	217	192	67	12	296	119	6	35	65.2	49.2	19		M10	UCTH208-300	UC208	12.5				UCTH208C-300	UCTH208CD-300	68 2 11/16	12.5	UCTH208FC-300	UCTH208FCD-300	86 3 3/8	13.3
45	1 5/8																		UCTH209-26-300	UC209-26	12.4				–	–	– –	–	–	–	– –	–
	1 11/16	9 7/32	20 19/32	23 17/32	1 31/32	8 35/64	7 9/16	2 5/8	15/32	11 11/16	4 21/32	1/4	1 3/8	2 9/16	1.937	0.748	3/8		UCTH209-27-300	UC209-27	12.4	34.1	21.3	14.0	–	–	– –	–	–	–	– –	–
	1 3/4	234	523	598	50	217	192	67	12	297	118	6	35	65.2	49.2	19		M10	UCTH209-28-300	UC209-28	12.4				–	–	– –	–	–	–	– –	–
																			UCTH209-300	UC209	12.4				UCTH209C-300	UCTH209CD-300	68 2 11/16	12.4	UCTH209FC-300	UCTH209FCD-300	88 3 15/32	13.2
50	1 7/8																		UCTH210-30-300	UC210-30	12.6				–	–	– –	–	–	–	– –	–
	1 15/16	9 7/32	20 3/4	23 3/4	1 31/32	8 5/8	7 9/16	2 5/8	19/32	11 21/32	4 3/4	1/4	1 3/8	2 21/32	2.031	0.748	7/16		UCTH210-31-300	UC210-31	12.6	35.1	23.3	14.4	–	–	– –	–	–	–	– –	–
		234	527	603	50	219	192	67	15	296	121	6	35	67.6	51.6	19		M12	UCTH210-300	UC210	12.6				UCTH210C-300	UCTH210CD-300	73 2 7/8	12.6	UCTH210FC-300	UCTH210FCD-300	97 3 13/16	13.6
	2																		UCTH210-32-300	UC210-32	12.6				–	–	– –	–	–	–	– –	–
55	2																		UCTH211-32-300	UC211-32	20.1				–	–	– –	–	–	–	– –	–
	2 1/8	11 31/32	21 15/32	24 3/4	2 9/16	9 1/16	9 7/16	2 15/32	19/32	11 15/32	5 9/16	1/4	1 1/2	2 13/16	2.189	0.874	7/16		UCTH211-34-300	UC211-34	20.1	43.4	29.4	14.4	–	–	– –	–	–	–	– –	–
		304	545	629	65	230	240	63	15	291	141	6	38	71.4	55.6	22.2		M12	UCTH211-300	UC211	20.1				UCTH211C-300	UCTH211CD-300	75 2 15/16	20.1	UCTH211FC-300	UCTH211FCD-300	99 3 29/32	21.3
	2 3/16																		UCTH211-35-300	UC211-35	20.1				–	–	– –	–	–	–	– –	–
60	2 1/4																		UCTH212-36-300	UC212-36	21.4				–	–	– –	–	–	–	– –	–
		11 31/32	22 15/32	25 5/8	2 9/16	9 9/16	9 7/16	2 15/32	19/32	11 11/32	6 1/16	1/4	1 1/2	3 1/16	2.563	1.000	7/16		UCTH212-300	UC212	21.4	52.4	36.2	14.4	UCTH212C-300	UCTH212CD-300	88 3 15/32	21.4	UCTH212FC-300	UCTH212FCD-300	114 4 1/2	21.9
	2 3/8	304	571	651	65	243	240	63	15	288	154	6	38	77.7	65.1	25.4		M12	UCTH212-38-300	UC212-38	21.4				–	–	– –	–	–	–	– –	–
	2 7/16																		UCTH212-39-300	UC212-39	21.4				–	–	– –	–	–	–	– –	–
65	2 1/2	13 1/16	23 31/32	28 1/16	2 9/16	10 15/64	10 15/64	2 5/8	19/32	11 13/16	7	1/4	1 11/16	3 1/4	2.563	1.000	7/16		UCTH213-40-300	UC213-40	25.5				–	–	– –	–	–	–	– –	–
		332	609	713	65	260	260	67	15	300	178	6	43	82.7	65.1	25.4		M12	UCTH213-300	UC213	25.5	57.2	40.1	14.4	UCTH213C-300	UCTH213CD-300	88 3 15/32	25.5	UCTH213FC-300	UCTH213FCD-300	114 4 1/2	27.2

Remarks 1. In Part No. of unit and units with covers, fitting codes follow bore diameter numbers. (See **Table 10.5** in P.51.)
2. Part No. of applicable grease fittings are shown below.
B-1/4-28UNF ..... 201~210
B-R1/8 ..... 211~213
3. As for the triple seal type product (from 201 to 205 are the double seal type products), accessory code L3 (or L2) follows the Part No. of unit or bearing. (Example of Part No. : UCTH206JL3-150, UC206L3)
4. If heavy load ($P_r/C_r > 0.12$), vibration, or impact occurs, contact with FYH.
5. For the dimensions and forms of applicable bearings, see the dimensional tables of ball bearing for unit.
6. Tapered bore (with adapter) type products are also available.
(Example of Part No. : UKTH205J-150 + H305X, UK205 + H305X)

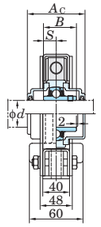
UCTL
Cylindrical bore (with set screws)
d 20 ~ 45 mm



With Pressed Steel Cover



With Cast Iron Cover



Variations of tolerance of distance from mounting bottom to center of spherical bore (Δ_{Hs}) and variations of tolerance of distance between centers of bolt holes (Δ_{Js})

Unit: mm

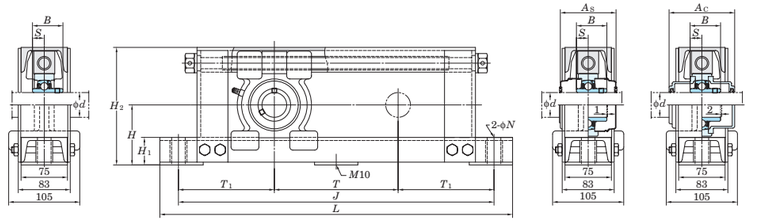
Nominal unit code	Δ_{Hs}	Δ_{Js}
UCTL204–207	±2	±0.5
UCTL208, 209		±0.8

Shaft Dia. mm	Dimensions mm										Bolt Size mm	Standard Unit No.	Standard Bearing No.	Standard Mass	Basic Load Ratings kN		Factor	With Pressed Steel Cover Unit No.		With Pressed Steel Cover Dimension mm	With Pressed Steel Cover Mass	With Cast Iron Cover Unit No.		With Cast Iron Cover Dimension mm	With Cast Iron Cover Mass
																		Open Type	One Side Closed Type			Open Type	One Side Closed Type		
d	H	H_1	H_2	L	J	N	T	T_1	B	S				kg	C_r	C_{0r}	f_0			A_s	kg			A_c	kg
20	77	44	146	430	370	15	100	135	31	12.7	M12	**UCTL204-100**	UC204	6.0	12.8	6.65	13.2	UCTL204C-100	UCTL204CD-100	44	6.0	–	–	–	–
	77	44	146	530	470	15	200	135	31	12.7	M12	**UCTL204-200**	UC204	7.0	12.8	6.65	13.2	UCTL204C-200	UCTL204CD-200	44	7.0	–	–	–	–
	77	44	146	630	570	15	300	135	31	12.7	M12	**UCTL204-300**	UC204	7.5	12.8	6.65	13.2	UCTL204C-300	UCTL204CD-300	44	7.5	–	–	–	–
	77	44	146	730	670	15	400	135	31	12.7	M12	**UCTL204-400**	UC204	8.0	12.8	6.65	13.2	UCTL204C-400	UCTL204CD-400	44	8.0	–	–	–	–
25	82	44	156	440	380	15	100	140	34.1	14.3	M12	**UCTL205-100**	UC205	7.0	14.0	7.85	13.9	UCTL205C-100	UCTL205CD-100	48	7.0	–	–	–	–
	82	44	156	540	480	15	200	140	34.1	14.3	M12	**UCTL205-200**	UC205	7.5	14.0	7.85	13.9	UCTL205C-200	UCTL205CD-200	48	7.5	–	–	–	–
	82	44	156	640	580	15	300	140	34.1	14.3	M12	**UCTL205-300**	UC205	8.0	14.0	7.85	13.9	UCTL205C-300	UCTL205CD-300	48	8.0	–	–	–	–
	82	44	156	740	680	15	400	140	34.1	14.3	M12	**UCTL205-400**	UC205	9.0	14.0	7.85	13.9	UCTL205C-400	UCTL205CD-400	48	9.0	–	–	–	–
30	87	44	166	450	390	15	100	145	38.1	15.9	M12	**UCTL206-100**	UC206	7.0	19.5	11.3	13.9	UCTL206C-100	UCTL206CD-100	52	7.0	UCTL206FC-100	UCTL206FCD-100	70	7.5
	87	44	166	550	490	15	200	145	38.1	15.9	M12	**UCTL206-200**	UC206	8.0	19.5	11.3	13.9	UCTL206C-200	UCTL206CD-200	52	8.0	UCTL206FC-200	UCTL206FCD-200	70	8.5
	87	44	166	650	590	15	300	145	38.1	15.9	M12	**UCTL206-300**	UC206	9.0	19.5	11.3	13.9	UCTL206C-300	UCTL206CD-300	52	9.0	UCTL206FC-300	UCTL206FCD-300	70	9.5
	87	44	166	750	690	15	400	145	38.1	15.9	M12	**UCTL206-400**	UC206	9.5	19.5	11.3	13.9	UCTL206C-400	UCTL206CD-400	52	9.5	UCTL206FC-400	UCTL206FCD-400	70	10
35	92	44	176	460	400	15	100	150	42.9	17.5	M12	**UCTL207-100**	UC207	8.0	25.7	15.4	13.9	UCTL207C-100	UCTL207CD-100	59	8.0	UCTL207FC-100	UCTL207FCD-100	78	9.0
	92	44	176	560	500	15	200	150	42.9	17.5	M12	**UCTL207-200**	UC207	8.5	25.7	15.4	13.9	UCTL207C-200	UCTL207CD-200	59	8.5	UCTL207FC-200	UCTL207FCD-200	78	9.5
	92	44	176	660	600	15	300	150	42.9	17.5	M12	**UCTL207-300**	UC207	9.0	25.7	15.4	13.9	UCTL207C-300	UCTL207CD-300	59	9.0	UCTL207FC-300	UCTL207FCD-300	78	10
	92	44	176	760	700	15	400	150	42.9	17.5	M12	**UCTL207-400**	UC207	10	25.7	15.4	13.9	UCTL207C-400	UCTL207CD-400	59	10	UCTL207FC-400	UCTL207FCD-400	78	11
40	97	44	186	470	410	15	100	155	49.2	19	M12	**UCTL208-100**	UC208	8.5	29.1	17.8	14.0	UCTL208C-100	UCTL208CD-100	68	8.5	UCTL208FC-100	UCTL208FCD-100	86	9.5
	97	44	186	570	510	15	200	155	49.2	19	M12	**UCTL208-200**	UC208	9.0	29.1	17.8	14.0	UCTL208C-200	UCTL208CD-200	68	9.0	UCTL208FC-200	UCTL208FCD-200	86	10
	97	44	186	670	610	15	300	155	49.2	19	M12	**UCTL208-300**	UC208	10	29.1	17.8	14.0	UCTL208C-300	UCTL208CD-300	68	10	UCTL208FC-300	UCTL208FCD-300	86	11
	97	44	186	770	710	15	400	155	49.2	19	M12	**UCTL208-400**	UC208	10.5	29.1	17.8	14.0	UCTL208C-400	UCTL208CD-400	68	10.5	UCTL208FC-400	UCTL208FCD-400	86	11.5
45	100	44	192	480	420	15	100	160	49.2	19	M12	**UCTL209-100**	UC209	9.0	34.1	21.3	14.0	UCTL209C-100	UCTL209CD-100	68	9.0	UCTL209FC-100	UCTL209FCD-100	88	10
	100	44	192	580	520	15	200	160	49.2	19	M12	**UCTL209-200**	UC209	9.5	34.1	21.3	14.0	UCTL209C-200	UCTL209CD-200	68	9.5	UCTL209FC-200	UCTL209FCD-200	88	10.5
	100	44	192	680	620	15	300	160	49.2	19	M12	**UCTL209-300**	UC209	10.5	34.1	21.3	14.0	UCTL209C-300	UCTL209CD-300	68	10.5	UCTL209FC-300	UCTL209FCD-300	88	11.5
	100	44	192	780	720	15	400	160	49.2	19	M12	**UCTL209-400**	UC209	11	34.1	21.3	14.0	UCTL209C-400	UCTL209CD-400	68	11	UCTL209FC-400	UCTL209FCD-400	88	12

Remarks 1. In Part No. of unit and units with covers, fitting codes follow bore diameter codes. (See **Table 10.5** in P.51.)
2. Part No. of applicable grease fittings is C-1/4-28UNF.
3. As for the triple seal type product (204 and 205 are the double seal type products), accessory code L3 (or L2) follows the Part No. of unit or bearing. (Example of Part No. : UCTL206JL3-100, UC206L3)
4. The unit should be mounted so that load is applied to the frame mounting surface vertically and downward.
5. If heavy load ($P_r/C_r > 0.12$), vibration, or impact occurs, contact with FYH.
6. Tapered bore (with adapter) type bearing units are also available. (Example of Part No. : UKTL206J-100 + H306X, UK206 + H306X)
7. If frame parts need to be corrosion resistant, contact with FYH.
8. For the dimensions and forms of applicable bearings, see the dimensional tables of ball bearing for unit.

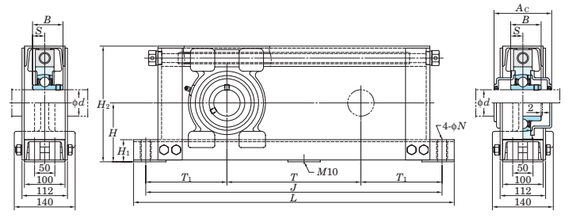
UCTU
Cylindrical bore (with set screws)
d 40 ~ 80 mm

With Pressed Steel Cover　With Cast Iron Cover



UCTU200

With Cast Iron Cover



UCTU300

Variations of tolerance of distance from mounting bottom to center of spherical bore (Δ_{Hs}) and variations of tolerance of distance between centers of bolt holes (Δ_{Js})

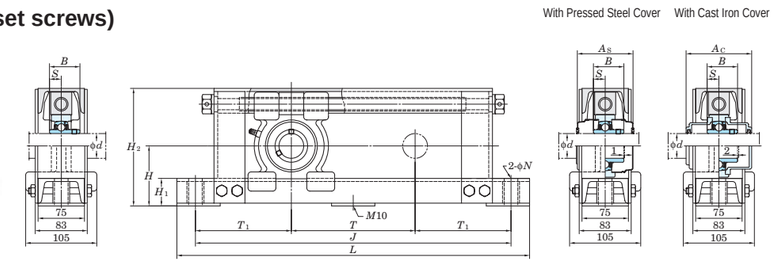
Unit: mm

Nominal unit code	Δ_{Hs}	Δ_{Js}
UCTU208~212 UCTU313~315	±2	±0.8
UCTU316~318		±1.2

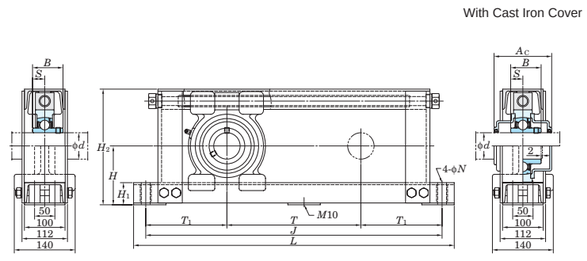
Shaft Dia. mm	Dimensions mm										Bolt Size mm	Standard Unit No.	Standard Bearing No.	Standard Mass	Basic Load Ratings kN		Factor	With Pressed Steel Cover Unit No.		With Pressed Steel Cover Dimension mm	With Pressed Steel Cover Mass	With Cast Iron Cover Unit No.		With Cast Iron Cover Dimension mm	With Cast Iron Cover Mass
																		Open Type	One Side Closed Type			Open Type	One Side Closed Type		
d	H	H_1	H_2	L	J	N	T	T_1	B	S				kg	C_r	C_{0r}	f_0			A_s	kg			A_c	kg
	97	44	190	870	810	22	500	155	49.2	19	M18	**UCTU208-500**	UC208	21	29.1	17.8	14.0	UCTU208C-500	UCTU208CD-500	68	21	UCTU208FC-500	UCTU208FCD-500	86	22
	97	44	190	970	910	22	600	155	49.2	19	M18	**UCTU208-600**	UC208	22	29.1	17.8	14.0	UCTU208C-600	UCTU208CD-600	68	22	UCTU208FC-600	UCTU208FCD-600	86	23
40	97	44	190	1,070	1,010	22	700	155	49.2	19	M18	**UCTU208-700**	UC208	24	29.1	17.8	14.0	UCTU208C-700	UCTU208CD-700	68	24	UCTU208FC-700	UCTU208FCD-700	86	25
	97	44	190	1,170	1,110	22	800	155	49.2	19	M18	**UCTU208-800**	UC208	26	29.1	17.8	14.0	UCTU208C-800	UCTU208CD-800	68	26	UCTU208FC-800	UCTU208FCD-800	86	27
	97	44	190	1,270	1,210	22	900	155	49.2	19	M18	**UCTU208-900**	UC208	28	29.1	17.8	14.0	UCTU208C-900	UCTU208CD-900	68	28	UCTU208FC-900	UCTU208FCD-900	86	29
	102	44	200	880	820	22	500	160	49.2	19	M18	**UCTU209-500**	UC209	22	34.1	21.3	14.0	UCTU209C-500	UCTU209CD-500	68	22	UCTU209FC-500	UCTU209FCD-500	88	23
	102	44	200	980	920	22	600	160	49.2	19	M18	**UCTU209-600**	UC209	24	34.1	21.3	14.0	UCTU209C-600	UCTU209CD-600	68	24	UCTU209FC-600	UCTU209FCD-600	88	25
45	102	44	200	1,080	1,020	22	700	160	49.2	19	M18	**UCTU209-700**	UC209	25	34.1	21.3	14.0	UCTU209C-700	UCTU209CD-700	68	25	UCTU209FC-700	UCTU209FCD-700	88	26
	102	44	200	1,180	1,120	22	800	160	49.2	19	M18	**UCTU209-800**	UC209	27	34.1	21.3	14.0	UCTU209C-800	UCTU209CD-800	68	27	UCTU209FC-800	UCTU209FCD-800	88	28
	102	44	200	1,280	1,220	22	900	160	49.2	19	M18	**UCTU209-900**	UC209	29	34.1	21.3	14.0	UCTU209C-900	UCTU209CD-900	68	29	UCTU209FC-900	UCTU209FCD-900	88	30
	107	44	210	890	830	22	500	165	51.6	19	M18	**UCTU210-500**	UC210	23	35.1	23.3	14.4	UCTU210C-500	UCTU210CD-500	73	23	UCTU210FC-500	UCTU210FCD-500	97	24
	107	44	210	990	930	22	600	165	51.6	19	M18	**UCTU210-600**	UC210	25	35.1	23.3	14.4	UCTU210C-600	UCTU210CD-600	73	25	UCTU210FC-600	UCTU210FCD-600	97	26
50	107	44	210	1,090	1,030	22	700	165	51.6	19	M18	**UCTU210-700**	UC210	27	35.1	23.3	14.4	UCTU210C-700	UCTU210CD-700	73	27	UCTU210FC-700	UCTU210FCD-700	97	28
	107	44	210	1,190	1,130	22	800	165	51.6	19	M18	**UCTU210-800**	UC210	28	35.1	23.3	14.4	UCTU210C-800	UCTU210CD-800	73	28	UCTU210FC-800	UCTU210FCD-800	97	29
	107	44	210	1,290	1,230	22	900	165	51.6	19	M18	**UCTU210-900**	UC210	30	35.1	23.3	14.4	UCTU210C-900	UCTU210CD-900	73	30	UCTU210FC-900	UCTU210FCD-900	97	31
	115	44	230	910	850	22	500	175	55.6	22.2	M18	**UCTU211-500**	UC211	25	43.4	29.4	14.4	UCTU211C-500	UCTU211CD-500	75	25	UCTU211FC-500	UCTU211FCD-500	99	26
	115	44	230	1,010	950	22	600	175	55.6	22.2	M18	**UCTU211-600**	UC211	27	43.4	29.4	14.4	UCTU211C-600	UCTU211CD-600	75	27	UCTU211FC-600	UCTU211FCD-600	99	28
55	115	44	230	1,110	1,050	22	700	175	55.6	22.2	M18	**UCTU211-700**	UC211	28	43.4	29.4	14.4	UCTU211C-700	UCTU211CD-700	75	28	UCTU211FC-700	UCTU211FCD-700	99	29
	115	44	230	1,210	1,150	22	800	175	55.6	22.2	M18	**UCTU211-800**	UC211	30	43.4	29.4	14.4	UCTU211C-800	UCTU211CD-800	75	30	UCTU211FC-800	UCTU211FCD-800	99	31
	115	44	230	1,310	1,250	22	900	175	55.6	22.2	M18	**UCTU211-900**	UC211	32	43.4	29.4	14.4	UCTU211C-900	UCTU211CD-900	75	32	UCTU211FC-900	UCTU211FCD-900	99	33
	120	44	240	920	860	22	500	180	65.1	25.4	M18	**UCTU212-500**	UC212	26	52.4	36.2	14.4	UCTU212C-500	UCTU212CD-500	88	26	UCTU212FC-500	UCTU212FCD-500	114	28
	120	44	240	1,020	960	22	600	180	65.1	25.4	M18	**UCTU212-600**	UC212	28	52.4	36.2	14.4	UCTU212C-600	UCTU212CD-600	88	28	UCTU212FC-600	UCTU212FCD-600	114	30
60	120	44	240	1,120	1,060	22	700	180	65.1	25.4	M18	**UCTU212-700**	UC212	30	52.4	36.2	14.4	UCTU212C-700	UCTU212CD-700	88	30	UCTU212FC-700	UCTU212FCD-700	114	32
	120	44	240	1,220	1,160	22	800	180	65.1	25.4	M18	**UCTU212-800**	UC212	31	52.4	36.2	14.4	UCTU212C-800	UCTU212CD-800	88	31	UCTU212FC-800	UCTU212FCD-800	114	33
	120	44	240	1,320	1,260	22	900	180	65.1	25.4	M18	**UCTU212-900**	UC212	33	52.4	36.2	14.4	UCTU212C-900	UCTU212CD-900	88	33	UCTU212FC-900	UCTU212FCD-900	114	35
	145	55	285	940	880	22	500	190	75	30	M18	**UCTU313-500**	UC313	40	92.7	59.9	13.2	–	–	–	–	UCTU313C-500	UCTU313CD-500	122	42
	145	55	285	1,040	980	22	600	190	75	30	M18	**UCTU313-600**	UC313	43	92.7	59.9	13.2	–	–	–	–	UCTU313C-600	UCTU313CD-600	122	45
65	145	55	285	1,140	1,080	22	700	190	75	30	M18	**UCTU313-700**	UC313	46	92.7	59.9	13.2	–	–	–	–	UCTU313C-700	UCTU313CD-700	122	48
	145	55	285	1,240	1,180	22	800	190	75	30	M18	**UCTU313-800**	UC313	49	92.7	59.9	13.2	–	–	–	–	UCTU313C-800	UCTU313CD-800	122	51
	145	55	285	1,340	1,280	22	900	190	75	30	M18	**UCTU313-900**	UC313	51	92.7	59.9	13.2	–	–	–	–	UCTU313C-900	UCTU313CD-900	122	53
	150	55	295	960	900	22	500	200	78	33	M18	**UCTU314-500**	UC314	44	104	68.2	13.2	–	–	–	–	UCTU314C-500	UCTU314CD-500	124	46
	150	55	295	1,060	1,000	22	600	200	78	33	M18	**UCTU314-600**	UC314	46	104	68.2	13.2	–	–	–	–	UCTU314C-600	UCTU314CD-600	124	48
70	150	55	295	1,160	1,100	22	700	200	78	33	M18	**UCTU314-700**	UC314	48	104	68.2	13.2	–	–	–	–	UCTU314C-700	UCTU314CD-700	124	50
	150	55	295	1,260	1,200	22	800	200	78	33	M18	**UCTU314-800**	UC314	51	104	68.2	13.2	–	–	–	–	UCTU314C-800	UCTU314CD-800	124	53
	150	55	295	1,360	1,300	22	900	200	78	33	M18	**UCTU314-900**	UC314	53	104	68.2	13.2	–	–	–	–	UCTU314C-900	UCTU314CD-900	124	55
	155	55	305	980	920	22	500	210	82	32	M18	**UCTU315-500**	UC315	54	113	77.2	13.2	–	–	–	–	UCTU315C-500	UCTU315CD-500	134	57
	155	55	305	1,080	1,020	22	600	210	82	32	M18	**UCTU315-600**	UC315	57	113	77.2	13.2	–	–	–	–	UCTU315C-600	UCTU315CD-600	134	60
75	155	55	305	1,180	1,120	22	700	210	82	32	M18	**UCTU315-700**	UC315	59	113	77.2	13.2	–	–	–	–	UCTU315C-700	UCTU315CD-700	134	62
	155	55	305	1,280	1,220	22	800	210	82	32	M18	**UCTU315-800**	UC315	61	113	77.2	13.2	–	–	–	–	UCTU315C-800	UCTU315CD-800	134	64
	155	55	305	1,380	1,320	22	900	210	82	32	M18	**UCTU315-900**	UC315	64	113	77.2	13.2	–	–	–	–	UCTU315C-900	UCTU315CD-900	134	67
	160	55	315	1,000	940	22	500	220	86	34	M18	**UCTU316-500**	UC316	57	123	86.7	13.3	–	–	–	–	UCTU316C-500	UCTU316CD-500	138	60
	160	55	315	1,100	1,040	22	600	220	86	34	M18	**UCTU316-600**	UC316	60	123	86.7	13.3	–	–	–	–	UCTU316C-600	UCTU316CD-600	138	63
80	160	55	315	1,200	1,140	22	700	220	86	34	M18	**UCTU316-700**	UC316	62	123	86.7	13.3	–	–	–	–	UCTU316C-700	UCTU316CD-700	138	65
	160	55	315	1,300	1,240	22	800	220	86	34	M18	**UCTU316-800**	UC316	64	123	86.7	13.3	–	–	–	–	UCTU316C-800	UCTU316CD-800	138	67
	160	55	315	1,400	1,340	22	900	220	86	34	M18	**UCTU316-900**	UC316	67	123	86.7	13.3	–	–	–	–	UCTU316C-900	UCTU316CD-900	138	70

Remarks 1. In Part No. of unit and units with covers, fitting codes follow bore diameter numbers. (See **Table 10.5** in P.51.)
2. Part No. of applicable grease fittings are shown below.
C-1/4-28UNF..... 208~210
C-R1/8..... 211, 212, 313~318
3. As for the triple seal type product, accessory code L3 follows the Part No. of unit or bearing.
(Example of Part No. : UCTU208JL3-500, UC208L3)
4. The unit should be mounted so that load is applied to the frame mounting surface vertically and downward.
5. If heavy load ($P_r/C_r > 0.12$), vibration, or impact occurs, contact with FYH.
6. Tapered bore (with adapter) type bearing units are also available. (Example of Part No. : UKTU208J-500 + H308X, UK208 + H308X)
7. If frame parts need to be corrosion resistant, contact with FYH.
8. For the dimensions and forms of applicable bearings, see the dimensional tables of ball bearing for unit.

UCTU
Cylindrical bore (with set screws)
d 85 ~ 90 mm



UCTU200



UCTU300

Variations of tolerance of distance from mounting bottom to center of spherical bore (Δ_{Hs}) and variations of tolerance of distance between centers of bolt holes (Δ_{Js})

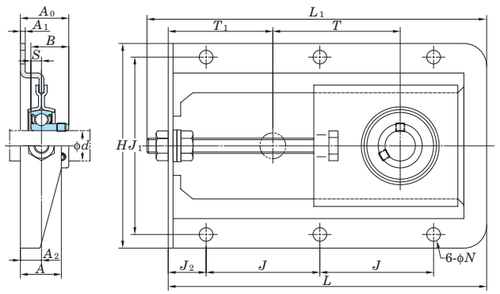
Unit: mm

Nominal unit code	Δ_{Hs}	Δ_{Js}
UCTU208~212 UCTU313~315	±2	±0.8
UCTU316~318		±1.2

Shaft Dia. mm	Dimensions mm										Bolt Size mm	Standard Unit No.	Standard Bearing No.	Mass	Basic Load Ratings kN		Factor	With Pressed Steel Cover Unit No.		Dimension mm	Mass	With Cast Iron Cover Unit No.		Dimension mm	Mass
																		Open Type	One Side Closed Type			Open Type	One Side Closed Type		
d	H	H_1	H_2	L	J	N	T	T_1	B	S				kg	C_r	C_{0r}	f_0			A_s	kg			A_c	kg
85	165	55	325	1,020	960	22	500	230	96	40	M18	**UCTU317-500**	UC317	62	133	96.8	13.3	–	–	–	–	UCTU317C-500	UCTU317CD-500	146	65
	165	55	325	1,120	1,060	22	600	230	96	40	M18	**UCTU317-600**	UC317	64	133	96.8	13.3	–	–	–	–	UCTU317C-600	UCTU317CD-600	146	67
	165	55	325	1,220	1,160	22	700	230	96	40	M18	**UCTU317-700**	UC317	67	133	96.8	13.3	–	–	–	–	UCTU317C-700	UCTU317CD-700	146	70
	165	55	325	1,320	1,260	22	800	230	96	40	M18	**UCTU317-800**	UC317	69	133	96.8	13.3	–	–	–	–	UCTU317C-800	UCTU317CD-800	146	72
	165	55	325	1,420	1,360	22	900	230	96	40	M18	**UCTU317-900**	UC317	71	133	96.8	13.3	–	–	–	–	UCTU317C-900	UCTU317CD-900	146	74
90	170	55	335	1,050	990	22	500	245	96	40	M18	**UCTU318-500**	UC318	65	143	107	13.3	–	–	–	–	UCTU318C-500	UCTU318CD-500	150	68
	170	55	335	1,150	1,090	22	600	245	96	40	M18	**UCTU318-500**	UC318	67	143	107	13.3	–	–	–	–	UCTU318C-600	UCTU318CD-600	150	70
	170	55	335	1,250	1,190	22	700	245	96	40	M18	**UCTU318-500**	UC318	70	143	107	13.3	–	–	–	–	UCTU318C-700	UCTU318CD-700	150	73
	170	55	335	1,350	1,290	22	800	245	96	40	M18	**UCTU318-500**	UC318	72	143	107	13.3	–	–	–	–	UCTU318C-800	UCTU318CD-800	150	75
	170	55	335	1,450	1,390	22	900	245	96	40	M18	**UCTU318-500**	UC318	74	143	107	13.3	–	–	–	–	UCTU318C-900	UCTU318CD-900	150	77

Remarks 1. In Part No. of unit and units with covers, fitting codes follow bore diameter numbers. (See **Table 10.5** in P.51.)
2. Part No. of applicable grease fittings are shown below.
C-1/4-28UNF..... 208~210
C-R1/8..... 211, 212, 313~318
3. As for the triple seal type product, accessory code L3 follows the Part No. of unit or bearing.
(Example of Part No. : UCTU208JL3-500, UC208L3)
4. The unit should be mounted so that load is applied to the frame mounting surface vertically and downward.
5. If heavy load ($P_r/C_r > 0.12$), vibration, or impact occurs, contact with FYH.
6. Tapered bore (with adapter) type bearing units are also available. (Example of Part No. : UKTU208J-500 + H308X, UK208 + H308X)
7. If frame parts need to be corrosion resistant, contact with FYH.
8. For the dimensions and forms of applicable bearings, see the dimensional tables of ball bearing for unit.

SBPTH
Cylindrical bore (with set screws)
d 12 ~ 25 mm



Variations of tolerance of distance between centers of bolt holes (Δ_{Js}, Δ_{J1s})

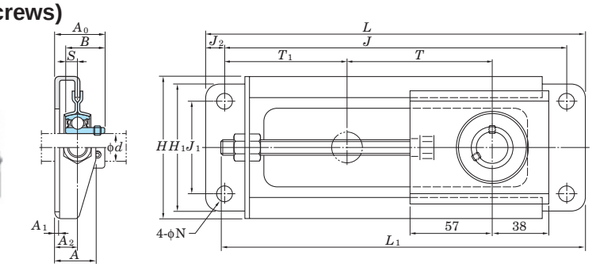
Unit: mm

Nominal unit code	Δ_{Js}	Δ_{J1s}
SBPTH201~SBPTH205	±0.7	±0.7

Shaft Dia. mm d	Dimensions inch / mm H	L	L_1	A	J	J_1	J_2	N	T	T_1	A_1	A_2	A_0	B	S	Bolt Size inch / mm	Unit No.		Bearing No.	Basic Load Ratings kN C_r	C_{0r}	Factor f_0	Mass kg
12	5 5/16	8 9/32	8 21/32	1 1/16	2 61/64	4 39/64	31/32	11/32	3 15/32	2 23/32	1/8	35/64	1 3/16	0.866	0.236	5/16	SBPTH201-90		SB201	9.55	4.80	13.2	0.91
	135	210	220	27	75	117	25	9	88	69	3.2	13.9	29.9	22	6	M8							
15	5 5/16	8 9/32	8 21/32	1 1/16	2 61/64	4 39/64	31/32	11/32	3 15/32	2 23/32	1/8	35/64	1 3/16	0.866	0.236	5/16	SBPTH202-90		SB202	9.55	4.80	13.2	0.91
	135	210	220	27	75	117	25	9	88	69	3.2	13.9	29.9	22	6	M8							
17	5 5/16	8 9/32	8 21/32	1 1/16	2 61/64	4 39/64	31/32	11/32	3 15/32	2 23/32	1/8	35/64	1 3/16	0.866	0.236	5/16	SBPTH203-90		SB203	9.55	4.80	13.2	0.91
	135	210	220	27	75	117	25	9	88	69	3.2	13.9	29.9	22	6	M8							
20	5 5/16	8 9/32	8 21/32	1 1/16	2 61/64	4 39/64	31/32	11/32	3 15/32	2 23/32	1/8	35/64	1 1/4	0.984	0.276	5/16	SBPTH204-90		SB204	12.8	6.65	13.2	0.91
	135	210	220	27	75	117	25	9	88	69	3.2	13.9	31.9	25	7	M8							
25	5 5/16	8 9/32	8 21/32	1 1/16	2 61/64	4 39/64	31/32	11/32	3 15/32	2 23/32	1/8	35/64	1 5/16	1.063	0.295	5/16	SBPTH205-90		SB205	14.0	7.85	13.9	0.91
	135	210	220	27	75	117	25	9	88	69	3.2	13.9	33.4	27	7.5	M8							

Remarks 1. For the dimensions and forms of applicable bearings, see the dimensional tables of ball bearing for unit.
2. If heavy load ($P_r/C_r > 0.12$), vibration, or impact occurs, contact with FYH.

SBNPTH
Cylindrical bore (with set screws)
d 12 ~ 25 mm



Variations of tolerance of distance between centers of bolt holes (Δ_{Js}, Δ_{J1s})

Unit: mm

Nominal unit code	Δ_{Js}	Δ_{J1s}
SBNPTH201~SBNPTH205	±0.7	±0.7

Shaft Dia. mm	Dimensions inch / mm																Bolt Size inch / mm	Unit No.		Bearing No.	Basic Load Ratings kN		Factor	Mass
d	H	H_1	L	L_1	A	J	J_1	J_2	N	T	T_1	A_1	A_2	A_0	B	S					C_r	C_{0r}	f_0	kg
12	3 15/16	3 17/32	10 1/4	9 11/16	1 1/16	9 1/4	2 9/16	1/2	7/16	3 15/16	3 9/32	1/8	19/32	1 7/32	0.866	0.236	5/16	SBNPTH201-100		SB201	9.55	4.80	13.2	0.93
	100	90	260	246	27	235	65	12.5	11	100	83.5	3.2	15	31	22	6	M8							
15	3 15/16	3 17/32	10 1/4	9 11/16	1 1/16	9 1/4	2 9/16	1/2	7/16	3 15/16	3 9/32	1/8	19/32	1 7/32	0.866	0.236	5/16	SBNPTH202-100		SB202	9.55	4.80	13.2	0.93
	100	90	260	246	27	235	65	12.5	11	100	83.5	3.2	15	31	22	6	M8							
17	3 15/16	3 17/32	10 1/4	9 11/16	1 1/16	9 1/4	2 9/16	1/2	7/16	3 15/16	3 9/32	1/8	19/32	1 7/32	0.866	0.236	5/16	SBNPTH203-100		SB203	9.55	4.80	13.2	0.93
	100	90	260	246	27	235	65	12.5	11	100	83.5	3.2	15	31	22	6	M8							
20	3 15/16	3 17/32	10 1/4	9 11/16	1 1/16	9 1/4	2 9/16	1/2	7/16	3 15/16	3 9/32	1/8	19/32	1 5/16	0.984	0.276	5/16	SBNPTH204-100		SB204	12.8	6.65	13.2	0.93
	100	90	260	246	27	235	65	12.5	11	100	83.5	3.2	15	33	25	7	M8							
25	3 15/16	3 17/32	10 1/4	9 11/16	1 1/16	9 1/4	2 9/16	1/2	7/16	3 15/16	3 9/32	1/8	19/32	1 11/32	1.063	0.295	5/16	SBNPTH205-100		SB205	14.0	7.85	13.9	0.93
	100	90	260	246	27	235	65	12.5	11	100	83.5	3.2	15	34.5	27	7.5	M8							

Remarks 1. For the dimensions and forms of applicable bearings, see the dimensional tables of ball bearing for unit.
2. If heavy load ($P_r/C_r > 0.12$), vibration, or impact occurs, contact with FYH.