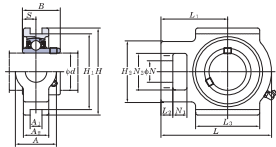
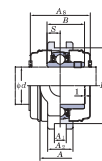


Take-Up Units

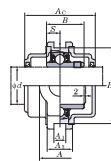
UCT
Cylindrical bore (with set screws)
d 12 ~ (45) mm



With Pressed Steel Cover



With Cast Iron Cover



Variations of tolerance of groove width (L₁), variations of tolerance of distance between both grooves (L₂), and tolerance of symmetry of both groove sides (S)

Housing No.	L ₁	L ₂	S
T204-T210	±0.2	0	±0.5
T211-T217	±0.3	0	±0.6
T218-T222	±0.3	0	±0.7
T223-T230	0	0	±0.8

Form and dimensions of L₁ of T204E3 and T204E2 (housing with cast iron cover) are shown below.



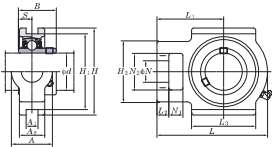
Shaft Dia. mm inch	Dimensions inch mm																Standard		Bearing No.	Mass kg	Basic Load Ratings				With Pressed Steel Cover				With Cast Iron Cover				
	A	A ₁	A ₂	H	H ₁	H ₂	L	L ₁	L ₂	L ₃	N	N ₁	N ₂	B	S	Unit No.	Housing No.	C _r			C _e	f ₀	Factor	Unit No.	Dimension mm	Dimension inch	Mass	Unit No.	Dimension mm	Dimension inch	Mass		
12	1/4															UCT201	T204	UC201-8	0.81					UCT201C	UCT201CD	45	1 1/2	0.81					
15	3/8	1 1/4	1 1/2	1 3/4	2	2 1/4	2	3 1/4	2 1/2	1 1/2	2	1/4	1/4	1 1/4	1.220	0.500	UCT202		UC202	0.79					UCT202C	UCT202CD	45	1 1/2	0.79				
17	1/2	32	12	21	89	76	51	94	61	10	51	19	16	32	34.1	14.3	UCT203		UC203	0.78					UCT203C	UCT203CD	45	1 1/2	0.78				
20	5/8															UCT204		UC204-12	0.78					UCT204C	UCT204CD	45	1 1/2	0.78					
25	1	1 1/2	1 3/4	2	2 1/4	2 1/2	3	3 1/4	2 1/2	1 1/2	3	1/2	1/2	1 1/2	1.496	0.591	UCT205	T205	UC205-14	0.84		14.0	7.85	13.9	UCT205C	UCT205CD	49	1 1/2	0.84				
25	1	1 1/2	1 3/4	2	2 1/4	2 1/2	3	3 1/4	2 1/2	1 1/2	3	1/2	1/2	1 1/2	1.500	0.626	UCT205		UC205-16	0.84					UCT205C	UCT205CD	53	2 1/2	1.4				
30	1 1/8	1 1/2	1 3/4	2	2 1/4	2 1/2	3	3 1/4	2 1/2	1 1/2	3	1/2	1/2	1 1/2	1.496	0.591	UCT206	T206	UC206-18	1.3					UCT206C	UCT206CD	53	2 1/2	1.3				
30	1 1/8	1 1/2	1 3/4	2	2 1/4	2 1/2	3	3 1/4	2 1/2	1 1/2	3	1/2	1/2	1 1/2	1.500	0.626	UCT206		UC206	1.3					UCT206C	UCT206CD	53	2 1/2	1.3				
30	1 1/8	1 1/2	1 3/4	2	2 1/4	2 1/2	3	3 1/4	2 1/2	1 1/2	3	1/2	1/2	1 1/2	1.689	0.689	UCT206		UC206-19	1.3		19.5	11.3	13.9	UCT206C	UCT206CD	60	2 1/2	1.7				
30	1 1/8	1 1/2	1 3/4	2	2 1/4	2 1/2	3	3 1/4	2 1/2	1 1/2	3	1/2	1/2	1 1/2	1.75		UCT206		UC206-20	1.3					UCT206C	UCT206CD	60	2 1/2	1.7				
30	1 1/8	1 1/2	1 3/4	2	2 1/4	2 1/2	3	3 1/4	2 1/2	1 1/2	3	1/2	1/2	1 1/2	1.693	0.669	UCT206		UC206-20	1.7		25.7	15.4	13.9	UCT206C	UCT206CD	60	2 1/2	1.7				
30	1 1/8	1 1/2	1 3/4	2	2 1/4	2 1/2	3	3 1/4	2 1/2	1 1/2	3	1/2	1/2	1 1/2	1.693	0.669	UCT206		UC206-20	1.7					UCT206C	UCT206CD	60	2 1/2	1.7				
35	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2	3	3 1/4	2 1/2	1 1/2	3	1/2	1/2	1 1/2	1.689	0.689	UCT207	T207	UC207-21	1.6					UCT207C	UCT207CD	60	2 1/2	1.6				
35	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2	3	3 1/4	2 1/2	1 1/2	3	1/2	1/2	1 1/2	1.937	0.748	UCT207		UC207-22	2.7					UCT207C	UCT207CD	69	2 1/2	2.7				
35	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2	3	3 1/4	2 1/2	1 1/2	3	1/2	1/2	1 1/2	1.937	0.748	UCT207		UC207-22	2.7					UCT207C	UCT207CD	69	2 1/2	2.7				
35	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2	3	3 1/4	2 1/2	1 1/2	3	1/2	1/2	1 1/2	1.890	0.748	UCT207		UC207-23	2.7					UCT207C	UCT207CD	69	2 1/2	2.7				
40	1 1/2	1 1/2	1 3/4	2	2 1/4	2 1/2	3	3 1/4	2 1/2	1 1/2	3	1/2	1/2	1 1/2	1.937	0.748	UCT208	T208	UC208-24	2.5					UCT208C	UCT208CD	69	2 1/2	2.5				
40	1 1/2	1 1/2	1 3/4	2	2 1/4	2 1/2	3	3 1/4	2 1/2	1 1/2	3	1/2	1/2	1 1/2	1.937	0.748	UCT208		UC208-25	2.5		29.1	17.8	14.0	UCT208C	UCT208CD	69	2 1/2	2.5				
40	1 1/2	1 1/2	1 3/4	2	2 1/4	2 1/2	3	3 1/4	2 1/2	1 1/2	3	1/2	1/2	1 1/2	2.047	0.748	UCT208		UC208	2.5					UCT208C	UCT208CD	69	2 1/2	2.5				
40	1 1/2	1 1/2	1 3/4	2	2 1/4	2 1/2	3	3 1/4	2 1/2	1 1/2	3	1/2	1/2	1 1/2	1.937	0.748	UCT208		UC208-24	2.6					UCT208C	UCT208CD	69	2 1/2	2.6				
40	1 1/2	1 1/2	1 3/4	2	2 1/4	2 1/2	3	3 1/4	2 1/2	1 1/2	3	1/2	1/2	1 1/2	2.047	0.748	UCT208		UC208-24	2.6					UCT208C	UCT208CD	69	2 1/2	2.6				
40	1 1/2	1 1/2	1 3/4	2	2 1/4	2 1/2	3	3 1/4	2 1/2	1 1/2	3	1/2	1/2	1 1/2	2.047	0.748	UCT208		UC208-24	2.6					UCT208C	UCT208CD	69	2 1/2	2.6				
45	1 3/4	1 1/2	1 3/4	2	2 1/4	2 1/2	3	3 1/4	2 1/2	1 1/2	3	1/2	1/2	1 1/2	1.937	0.748	UCT209	T209	UC209-26	2.4					UCT209C	UCT209CD	69	2 1/2	2.4				
45	1 3/4	1 1/2	1 3/4	2	2 1/4	2 1/2	3	3 1/4	2 1/2	1 1/2	3	1/2	1/2	1 1/2	1.937	0.748	UCT209		UC209-27	2.4					UCT209C	UCT209CD	69	2 1/2	2.4				
45	1 3/4	1 1/2	1 3/4	2	2 1/4	2 1/2	3	3 1/4	2 1/2	1 1/2	3	1/2	1/2	1 1/2	2.031	0.748	UCT209		UC209-28	2.4					UCT209C	UCT209CD	69	2 1/2	2.4				
45	1 3/4	1 1/2	1 3/4	2	2 1/4	2 1/2	3	3 1/4	2 1/2	1 1/2	3	1/2	1/2	1 1/2	2.031	0.748	UCT209		UC209-28	2.9		35.1	23.3	14.4	UCT209C	UCT209CD	74	2 1/2	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.62.)
2. Part No. of applicable grease fittings are shown below.
B-1/4-28UNF 201~210, X05~X09, 305~308
B-1/8 211~217, X10~X17, 309~328

3. As for the triple seal type product (from 201 to 205 are the double seal type products), suffix code L3 (L2 follows the Part No. of unit or bearing. (Example of Part No.: UCT206L3, UCT205L3.)
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.

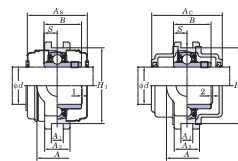
Take-Up Units

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



With Pressed Steel Cover

With Cast Iron Cover



Variations of tolerance of groove width (L₁), variations of tolerance of distance between both grooves (L₂), and tolerance of symmetry of both groove sides (S)

Housing No.	L ₁	L ₂	S
T204-T210	T309-T316	T395-T310	+0.2 0 -0.5
T211-T217	T311-T317	T311-T318	+0.3 0 -0.7
T218-T232		T234-T237	+0.3 0 -0.8

Form and dimensions of L₁ of T204E3 and T205E3 (housing with cast iron cover) are shown below.



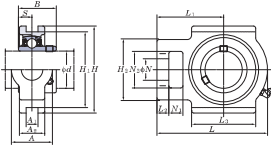
Shaft Dia. mm inch	Dimensions inch mm																	Standard Unit No.	Housing No.	Bearing No.	Mass kg	Basic Load Ratings kN			Factor f ₀	With Pressed Steel Cover				With Cast Iron Cover														
	A	A ₁	A ₂	H	H ₁	H ₂	L	L ₁	L ₂	N	N ₁	N ₂	B	S	Open Type	One Side Closed Type	Dimension mm					Dimension inch	Mass kg	Open Type		One Side Closed Type	Dimension mm	Dimension inch	Mass kg															
45	1 7/16	2 1/16	3/16	1 1/16	5/16	4 1/16	3 1/16	7	4 1/16	1 1/16	3 1/16	1 1/16	1/16	2 1/16	2.204	0.866	UCT309-28	T309	UC309-28	4.1	48.9	29.5	13.3																					
50	1 1/2	1 3/16	3/8	1 1/8	4 1/8	3 1/8	4 1/8	10	1 1/8	3 1/8	1 1/8	1/8	2 1/8	2.031	0.748	UCT210-31	T210	UC210-31	2.6	35.1	23.3	14.4																						
	2	1 3/8	3/4	1 1/4	4 1/4	3 1/4	4 1/4	10	1 1/4	3 1/4	1 1/4	1/8	2 1/4	2.032	0.748	UCT210-32	T210	UC210-32	2.6																									
	2	1 3/8	3/4	1 1/4	4 1/4	3 1/4	4 1/4	10	1 1/4	3 1/4	1 1/4	1/8	2 1/4	2.032	0.748	UCT210-32	T210	UC210-32	2.6																									
55	2	1 1/2	3/8	1 1/8	5/8	4 1/8	3 1/8	7	4 1/8	1 1/8	3 1/8	1 1/8	1/8	2 1/8	2.189	0.874	UCT211-32	T211	UC211-32	4.0																								
	2	1 1/2	3/8	1 1/8	5/8	4 1/8	3 1/8	7	4 1/8	1 1/8	3 1/8	1 1/8	1/8	2 1/8	2.189	0.874	UCT211-32	T211	UC211-32	4.0																								
	2 1/16	1 1/2	3/8	1 1/8	5/8	4 1/8	3 1/8	7	4 1/8	1 1/8	3 1/8	1 1/8	1/8	2 1/8	2.189	0.874	UCT211-32	T211	UC211-32	4.0																								
60	2 1/8	1 1/2	3/8	1 1/8	5/8	4 1/8	3 1/8	7	4 1/8	1 1/8	3 1/8	1 1/8	1/8	2 1/8	2.563	1.000	UCT212-36	T212	UC212-36	4.9	52.4	36.2	14.4																					
	2 1/8	1 1/2	3/8	1 1/8	5/8	4 1/8	3 1/8	7	4 1/8	1 1/8	3 1/8	1 1/8	1/8	2 1/8	2.563	1.000	UCT212-36	T212	UC212-36	4.9																								
	2 1/8	1 1/2	3/8	1 1/8	5/8	4 1/8	3 1/8	7	4 1/8	1 1/8	3 1/8	1 1/8	1/8	2 1/8	2.563	1.000	UCT212-36	T212	UC212-36	4.9																								
65	2 1/4	1 1/2	3/8	1 1/8	5/8	4 1/8	3 1/8	7	4 1/8	1 1/8	3 1/8	1 1/8	1/8	2 1/8	2.937	1.189	UCT213-40	T213	UC213-40	6.9	57.2	40.1	14.4																					
	2 1/4	1 1/2	3/8	1 1/8	5/8	4 1/8	3 1/8	7	4 1/8	1 1/8	3 1/8	1 1/8	1/8	2 1/8	2.937	1.189	UCT213-40	T213	UC213-40	6.9																								
	2 1/4	1 1/2	3/8	1 1/8	5/8	4 1/8	3 1/8	7	4 1/8	1 1/8	3 1/8	1 1/8	1/8	2 1/8	2.937	1.189	UCT213-40	T213	UC213-40	6.9																								
70	2 3/8	1 1/2	3/8	1 1/8	5/8	4 1/8	3 1/8	7	4 1/8	1 1/8	3 1/8	1 1/8	1/8	2 1/8	3.063	1.331	UCT214-44	T214	UC214-44	7.9	62.2	44.1	14.5																					
	2 3/8	1 1/2	3/8	1 1/8	5/8	4 1/8	3 1/8	7	4 1/8	1 1/8	3 1/8	1 1/8	1/8	2 1/8	3.063	1.331	UCT214-44	T214	UC214-44	7.9																								
	2 3/8	1 1/2	3/8	1 1/8	5/8	4 1/8	3 1/8	7	4 1/8	1 1/8	3 1/8	1 1/8	1/8	2 1/8	3.063	1.331	UCT214-44	T214	UC214-44	7.9																								
75	2 7/8	1 1/2	3/8	1 1/8	5/8	4 1/8	3 1/8	7	4 1/8	1 1/8	3 1/8	1 1/8	1/8	2 3/8	3.252	1.311	UCT215-47	T215	UC215-47	7.3	67.4	48.3	14.5																					
	2 7/8	1 1/2	3/8	1 1/8	5/8	4 1/8	3 1/8	7	4 1/8	1 1/8	3 1/8	1 1/8	1/8	2 3/8	3.252	1.311	UCT215-47	T215	UC215-47	7.3																								
	2 7/8	1 1/2	3/8	1 1/8	5/8	4 1/8	3 1/8	7	4 1/8	1 1/8	3 1/8	1 1/8	1/8	2 3/8	3.252	1.311	UCT215-47	T215	UC215-47	7.3																								

Remarks: 1. In Part No. of unit and units with covers, fitting codes follow bore diameter numbers. (See Table 10.5 in P.62)
 2. Part No. of applicable grease fittings are shown below.
 B-1/4-28UNF.....201-210, X05-X09, 305-308
 B-1/8.....211-217, X10-X17, 309-328

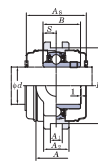
3. As for the triple seal type product (from 201 to 205 are the double seal type products), suffix code L3 (L2) follows the Part No. of unit or bearing. (Example of Part No.: UCT206L3, UC206L3)
 4. As for the dimensions and forms of applicable bearings, see the dimensional tables of ball bearing for unit.
 5. Housings of nodular graphite cast iron are also available.

Take-Up Units

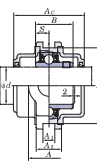
UCT
Cylindrical bore (with set screws)
d (75) ~ 140 mm



With Pressed Steel Cover



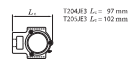
With Cast Iron Cover



Variations of tolerance of groove width (L₁), variations of tolerance of distance between both grooves (L₂), and tolerance of symmetry of both groove sides (S)

Housing No.	L ₁	L ₂	S
T204-T210	T305-T310	T305-T310	+0.2 0 -0.5
T211-T217	T311-T317	T311-T318	0 0 -0.6
T218-T224	T318-T324	T318-T322	0 0 -0.7
T225-T232		T325-T328	0 0 -0.8

Form and dimensions of L₁ of T204E3 and T204E3 housing with cast iron cover) are shown below.



Shaft Dia. mm inch	Dimensions inch mm																	Standard Unit No.	Housing No.	Bearing No.	Mass kg	Basic Load Ratings kN			Factor	With Pressed Steel Cover			Mass kg	With Cast Iron Cover			Mass kg						
	A	A ₁	A ₂	H	H ₁	H ₂	L	L ₁	L ₂	L ₃	N	N ₁	N ₂	B	S	Open Type	One Side Closed Type					Dimension mm inch	Open Type	One Side Closed Type		Dimension mm inch													
75 3	3 1/2	1 1/2	2 1/2	8 1/2	7 1/2	5 1/2	10 3/8	6 3/8	1 1/2	5 1/2	1 1/2	1 1/2	1 1/2	3 1/2	3.228	1.260	UCT315-47 UCT315 UCT315-48	T315	UC315-47 UC315 UC315-48	13.0 13.0 13.0	113	77.2	13.2	-	-	-	-	-	-	UCT315C UCT315CD	134	5 1/2	15.5						
80	2 1/4	1 1/2	2 1/4	6 1/2	4 1/4	9 1/4	5 1/2	1 1/2	4 1/4	1 1/4	1 1/4	1 1/4	2 1/4	3.252	1.311	UCT216-50 UCT216	T216	UC216-50 UC216	8.2 8.2	72.7	53.0	14.6	UCT216C UCT216CD	109	4 1/2	8.2	-	-	-	-	-	UCT216C UCT216CD	138	5 1/2	10.6				
	2 1/4	1 1/2	2 1/4	7 1/2	6 1/2	4 1/4	10 1/4	6 1/4	1 1/2	6 1/2	1 1/4	1 1/2	2 1/4	3.374	1.343	UCTX16	TX16	UCX16	11.7	84.0	61.9	14.5	UCTX16C UCTX16CD	113	4 1/2	11.7	-	-	-	-	-	-	-	-					
	4 1/2	1 1/2	2 1/4	9 1/4	8 1/2	5 1/2	11 1/2	6 1/2	1 1/2	6 1/2	2 1/2	1 1/2	3 1/2	3.386	1.339	UCT316	T316	UC316	16.2	123	86.7	13.3	-	-	-	-	-	-	-	-	-	-	-	UCT316C UCT316CD	138	5 1/2	19.1		
85	3 1/4	2 1/4	2 1/4	7 1/2	6 1/2	4 1/4	10 1/4	6 1/4	1 1/2	6 1/2	1 1/4	1 1/2	2 1/4	3.374	1.343	UCT217-52 UCT217	T217	UC217-52 UC217	11.0 11.0	84.0	61.9	14.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	2 1/4	1 1/2	2 1/4	7 1/2	6 1/2	4 1/4	10 1/4	6 1/4	1 1/2	6 1/2	1 1/4	1 1/2	2 1/4	3.380	1.363	UCTX17 UCTX17-55	TX17	UCX17 UCX17-55	11.7 11.7	96.1	71.5	14.5	UCTX17C UCTX17CD	123	4 1/2	11.7	-	-	-	-	-	-	-	-	-	-	-	-	-
	4 1/2	1 1/2	2 1/4	9 1/4	8 1/2	5 1/2	11 1/2	6 1/2	1 1/2	6 1/2	2 1/2	1 1/2	3 1/2	3.380	1.375	UCT317 UCT317-55	T317	UC317 UC317-55	19.0 19.0	133	96.8	13.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
90	4 1/2	1 1/2	2 1/4	10 1/4	8 1/2	6 1/2	12 1/4	7 1/4	1 1/2	6 1/2	2 1/4	1 1/2	4 1/4	3.380	1.375	UCT318-56 UCT318	T318	UC318-56 UC318	21.6 21.6	143	107	13.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	110	32	66	255	228	160	312	192	30	175	57	46	106	96	40	UCT319	T319	UC319	24.9	153	119	13.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	110	35	72	270	240	165	322	197	31	180	57	46	106	103	41	UCT320 UCT320-63 UCT320-64	T320	UC320 UC320-63 UC320-64	30.7 30.7 30.7	173	141	13.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
105	5 1/4	1 1/2	2 1/4	11 1/2	10 1/4	6 1/4	13 1/2	8 1/2	1 1/2	7 1/4	2 1/4	1 1/4	4 1/2	4.252	1.654	UCT321	T321	UC321	36.7	184	153	13.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	4 1/2	1 1/2	2 1/4	11 1/2	10 1/4	6 1/4	13 1/2	8 1/2	1 1/2	7 1/4	2 1/4	1 1/4	4 1/2	4.409	1.732	UCT322	T322	UC322	39.7	205	180	13.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	5 1/4	1 1/2	3 1/2	12 1/2	11 1/4	7 1/4	15 1/4	9 1/4	1 1/2	8 1/2	2 1/4	2 1/4	4 1/2	4.606	1.811	UCT324	T324	UC324	54.4	207	185	13.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
110	5 1/2	1 1/2	3 1/2	12 1/2	11 1/4	7 1/4	15 1/4	9 1/4	1 1/2	8 1/2	2 1/4	2 1/4	4 1/2	4.961	2.008	UCT326	T326	UC326	69.3	229	214	13.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	140	45	90	355	320	210	432	267	42	230	70	60	140	126	51	UCT328	T328	UC328	85.1	253	246	13.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	5 1/2	1 1/2	3 1/2	13 1/2	12 1/4	8 1/4	17	10 1/4	1 1/2	9 1/4	2 1/4	2 1/4	5 1/2	5.09	2.323	UCT328	T328	UC328	85.1	253	246	13.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-			

Remarks 1. In Part No. of unit and units with covers, fitting codes follow bore diameter numbers. (See Table 10.5 in P.52.)
 2. Part No. of applicable grease fittings are shown below.
 B-1/4-28UNF 201~210, X05~X09, 305~308
 B-1/8 211~217, X10~X17, 309~328
 3. As for the triple seal type product (from 201 to 205 are the double seal type products), suffix code L3 (L2) denotes the Part No. of unit or bearing. (Example of Part No.: UCT206L3, UCT206L3.)
 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.