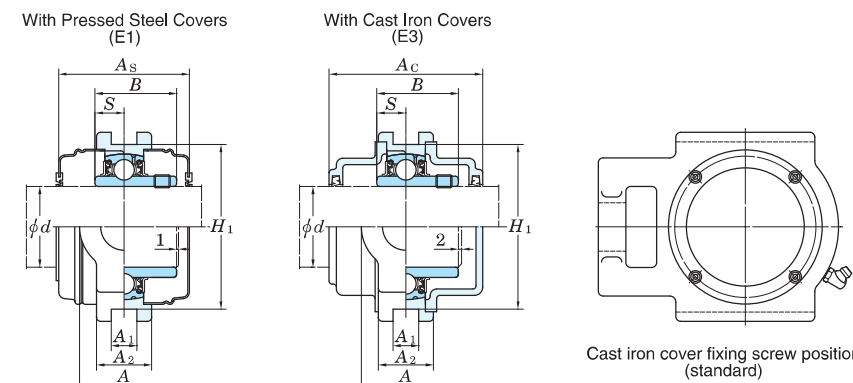


Figure 1 consists of two technical drawings. The left drawing is a side view of a mechanical part, showing a base with a central hole of diameter ϕd . Above the base is a flange with a central hole of diameter ϕN . The overall width is B , and the overall height is H . The distance from the base to the flange is H_1 . The base has a width of A at the bottom and A_1 at the top. The flange has a width of A_2 at the bottom. The distance from the center of the base hole to the center of the flange hole is S . The right drawing is a top view of the flange. It shows a circular flange with a central hole of diameter ϕN . The overall diameter is L . The distance from the center of the flange to the center of the base hole is L_1 . The distance from the center of the flange to the center of the base hole is L_2 . The distance from the center of the flange to the center of the base hole is L_3 . The distance from the center of the flange to the center of the base hole is H_2 . The distance from the center of the flange to the center of the base hole is N_2 . The distance from the center of the flange to the center of the base hole is N_1 .



Housing No.			ΔI_{1s}	ΔH_{1s}	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

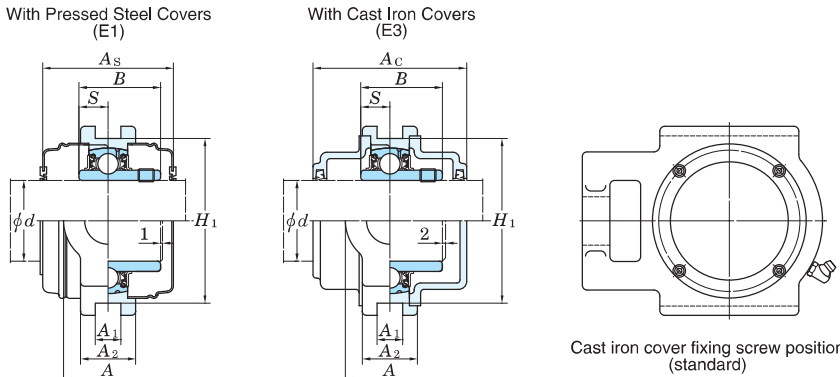
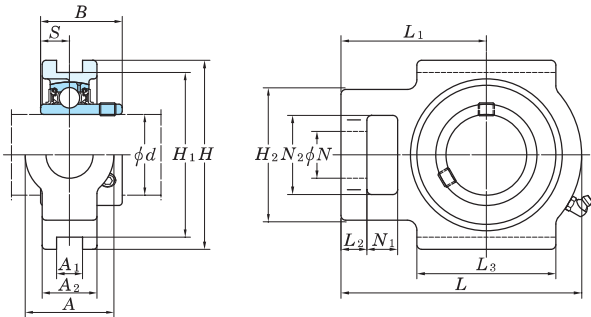
 L_c

T204JE3 $L_c = 97 \text{ mm}$
T205JE3 $L_c = 102 \text{ mm}$

[illegible]

5. Housings of spheroidal graphite iron casting are also available.

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



Variations of tolerance of groove width (ΔA_{1s}), variations of tolerance of distance between both grooves (ΔH_{1s}), and tolerance of symmetry of both groove sides (X)

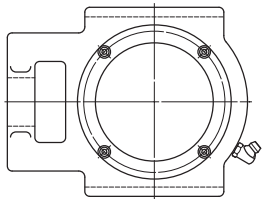
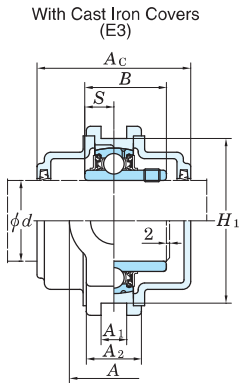
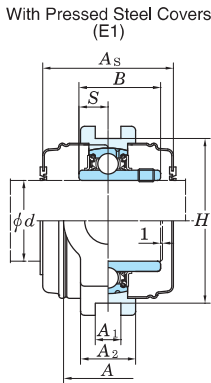
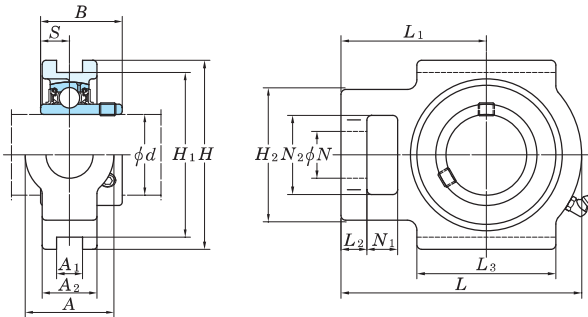
Housing No.			ΔA_{1s}	ΔH_{1s}	X
T204~T210	TX05~TX10	T305~T310	+0.2 0	0 -0.5	0.5
T211~T217	TX11~TX17	T311~T318 T319~T322 T324~T328	+0.3 0	0 -0.8	0.6 0.7 0.8

Unit: mm

Shaft Dia. mm inch		Dimensions inch mm															Standard			Bearing No.	Mass	Basic		Fatigue Load Limit kN	Factor	With Pressed Steel Covers				With Cast Iron Covers																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
																	Unit No.	Housing No.															Unit No.		Dimension mm inch		Mass	Unit No.		Dimension mm inch		Mass																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
		Open Ends Type	Closed End Type	mm	inch	Open Ends Type	Closed End Type	mm	inch																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
<i>d</i>		<i>A</i>	<i>A</i> ₁	<i>A</i> ₂	<i>H</i>	<i>H</i> ₁	<i>H</i> ₂	<i>L</i>	<i>L</i> ₁	<i>L</i> ₂	<i>L</i> ₃	<i>N</i>	<i>N</i> ₁	<i>N</i> ₂	<i>B</i>	<i>S</i>																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													

Remarks 1. In Part No. of unit and units with covers, fitting codes follow bore diameter numbers. (See Table 2.5 in P.11.)
2. Part No. of applicable grease nipples 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-lip seal type product (from 201 to 205 are the double-lip seal type products), supplementary 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 insert bearing for unit.
5. Housings of spheroidal graphite iron casting are also available.

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



Cast iron cover fixing screw position (standard)

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)

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

Shaft Dia. mm inch		Dimensions inch mm															Standard				Bearing No.	Mass kg	Basic		Fatigue Load Limit kN	Factor	With Pressed Steel Covers				With Cast Iron Covers																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
																	Unit No.	Housing No.	Load Ratings kN	C _r			C _{0r}	Unit No.			Dimension mm inch	Mass kg	Unit No.		Dimension mm inch	Mass kg																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
		Open Ends Type	Closed End Type	Open Ends Type	Closed End Type																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													

Remarks 1. In Part No. of unit and units with covers, fitting codes follow bore diameter numbers. (See Table 2.5 in P.11.)
2. Part No. of applicable grease nipples 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-lip seal type product (from 201 to 205 are the double-lip seal type products), supplementary 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 insert bearing for unit.
5. Housings of spheroidal graphite iron casting are also available.