

UCT Bearing Housings (Sliding Take-Up)

PRODUCT OVERVIEW

The UCT Series consists of sliding take-up bearing housings designed for applications requiring controlled shaft movement and belt tension adjustment. Widely used on conveyors and material handling systems, the range accommodates self-aligning ball bearing inserts and provides a robust solution for demanding industrial environments.

Compared with conventional cast iron alternatives, steel plate construction offers increased durability and resistance to shock loading. Special sizes and customer specific configurations can be manufactured to suit individual application requirements.

SEALING ARRANGEMENTS

The UCT range is not supplied with a standard sealing arrangement. Suitable sealing solutions and end covers can be specified to suit the operating environment, contamination levels, and maintenance requirements.

LIFTING & HANDLING

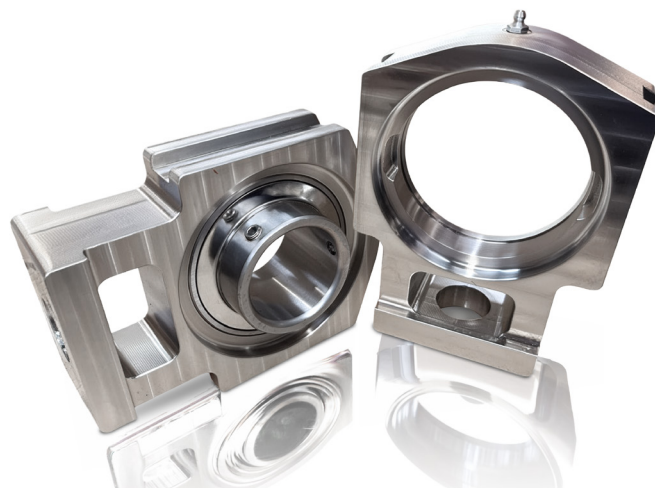
The heavy-duty frame design provides excellent resistance to shock loading. During installation, guide rails should be correctly aligned and adjustment mechanisms operated evenly to ensure smooth movement.

MATERIALS

The UCT range is available in:

- UCT-T – Flame-cut steel (S275JR)
- UCT-SS – Stainless steel (304 or 316 grade)

Additional material options may be considered for specific applications or volume requirements.



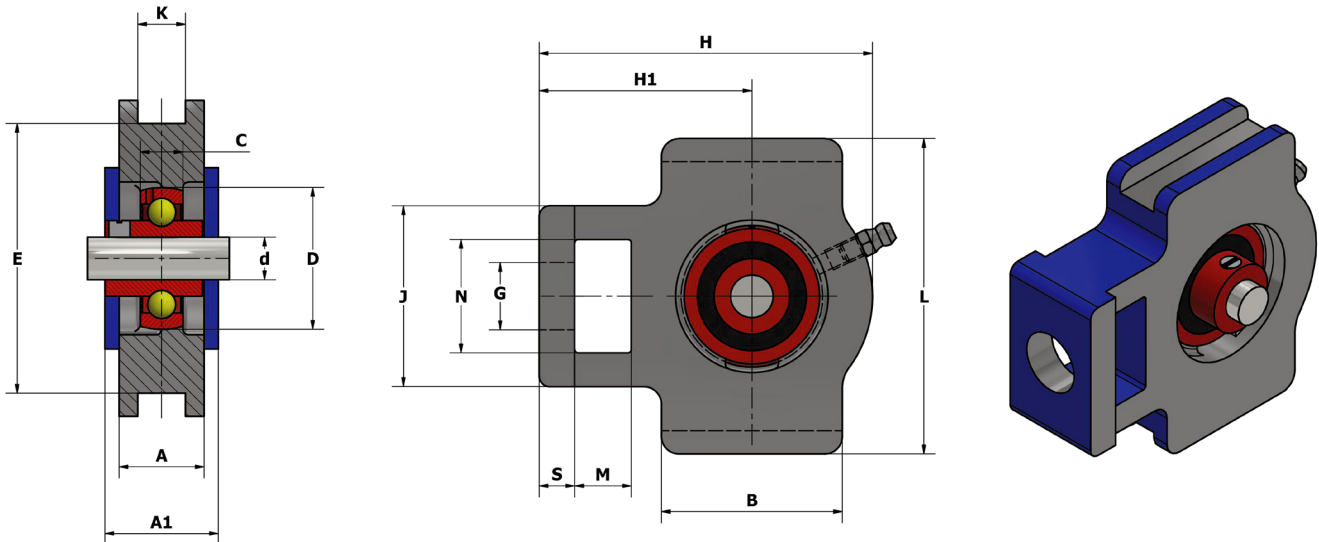
SUPPLEMENTARY DESIGNATIONS

DESIGNATION	DESCRIPTION
Standard	Bearing on adapter sleeve for plain cylindrical shaft
C	Bearing on adapter sleeve for stepped shaft
D	Bearing on withdrawal sleeve for stepped shaft
G	Bearing on stepped shaft with felt and labyrinth seals
H	Bearing on stepped shaft with felt seal, prepared for supplementary V-ring seal
A	Blank shaft housing (with end cover)
B	Through shaft housing
L	Non-locating (free) bearing arrangement
F	Locating (fixed) bearing arrangement
P	Cross-location arrangement
V	Housing supplied with grease escape hole
D	Housing for bearings with cylindrical bore (444 series only)
TS	Housing fitted with labyrinth seals
TAC	Housing fitted with taconite seals

HOUSING CONFIGURATIONS

- **AL** Blank shaft (with end cover), non-locating bearing.
- **AF** Blank shaft (with end cover), locating bearing.
- **BL** Through shaft, non-locating bearing.
- **BF** Through shaft, locating bearing.

UCT Bearing Housings (Sliding Take-Up)



Bri-Mac Part No	d	D	C	A	A1	E	K	H	H1	L	B	J	M	N	S	G	Bearing No.
UCT 201	12	47	17	24	32	76	13.5	94	60	89	51	51	16	32	10	19	UC 201
UCT 202	15	47	17	24	32	76	13.5	94	60	89	51	51	16	32	10	19	UC 202
UCT 203	17	47	17	24	32	76	13.5	94	60	89	51	51	16	32	10	19	UC 203
UCT 204	20	15	17	24	32	76	13.5	94	60	89	51	51	16	32	10	19	UC 204
UCT 205	25	52	17	24	32	76	13.5	97	62	89	51	51	16	32	10	22	UC 205
UCT 206	30	62	19	24	37	89	13.5	113	70	102	57	56	16	37	10	22	UC 206
UCT 207	35	72	20	30	37	89	13.5	129	78	102	64	64	16	37	13	22	UC 207
UCT 208	40	80	21	35	49	102	17.5	144	89	114	83	83	19	49	16	29	UC 208
UCT 209	45	85	22	35	49	102	17.5	144	87	117	83	83	19	49	16	29	UC 209
UCT 210	50	90	24	35	49	102	17.5	149	90	117	86	83	19	49	16	29	UC 210
UCT 211	55	100	25	41	64	130	27	171	106	146	95	102	25	64	19	35	UC 211
UCT 212	60	110	27	46	64	130	27	194	119	146	102	102	32	64	19	35	UC 212
UCT 213	65	120	28	46	70	121	27	224	137	167	121	111	32	70	21	41	UC 213
UCT 214	70	125	30	46	70	121	27	224	137	167	121	111	32	70	21	41	UC 214
UCT 215	75	130	33	46	70	121	27	224	137	167	121	111	32	70	21	41	UC 215