

ST (Take-Up) Bearing Housings

PRODUCT OVERVIEW

ST Take-Up Bearing Housings are designed for vertical and horizontal moving applications where reliable belt tensioning and shaft positioning are essential. Commonly used on conveyors and material handling systems, the range accommodates self-aligning ball bearing inserts and is engineered for demanding industrial environments.

Manufactured from steel plate, the ST range offers greater durability and impact resistance compared with conventional cast iron alternatives, making it particularly well suited to demanding heavy-duty applications. The housings can also be manufactured in stainless steel for corrosive or hygienic environments. Special sizes and bespoke arrangements can be supplied to accommodate specific equipment requirements and installation constraints.

SEALING ARRANGEMENTS

The ST range is supplied as standard with dual-lip nitrile rubber seals to provide effective protection against dust and moisture ingress. Triple-lip seals are also available for highly abrasive operating environments.

LIFTING & HANDLING

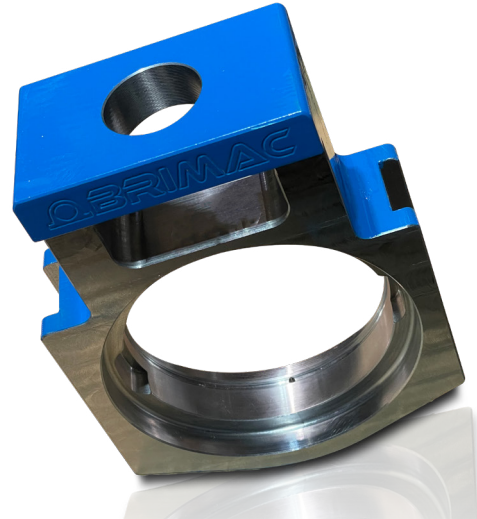
Larger housing sizes are supplied with lifting eyebolts to support safe handling, transportation, installation and maintenance. Standard handling procedures should be followed for smaller units.

MATERIALS

ST Take-Up housings are available in:

- Flame-cut steel (S275JR)
- Stainless steel (304 or 316 grade)

Alternative material specifications can also be considered for high-volume applications.



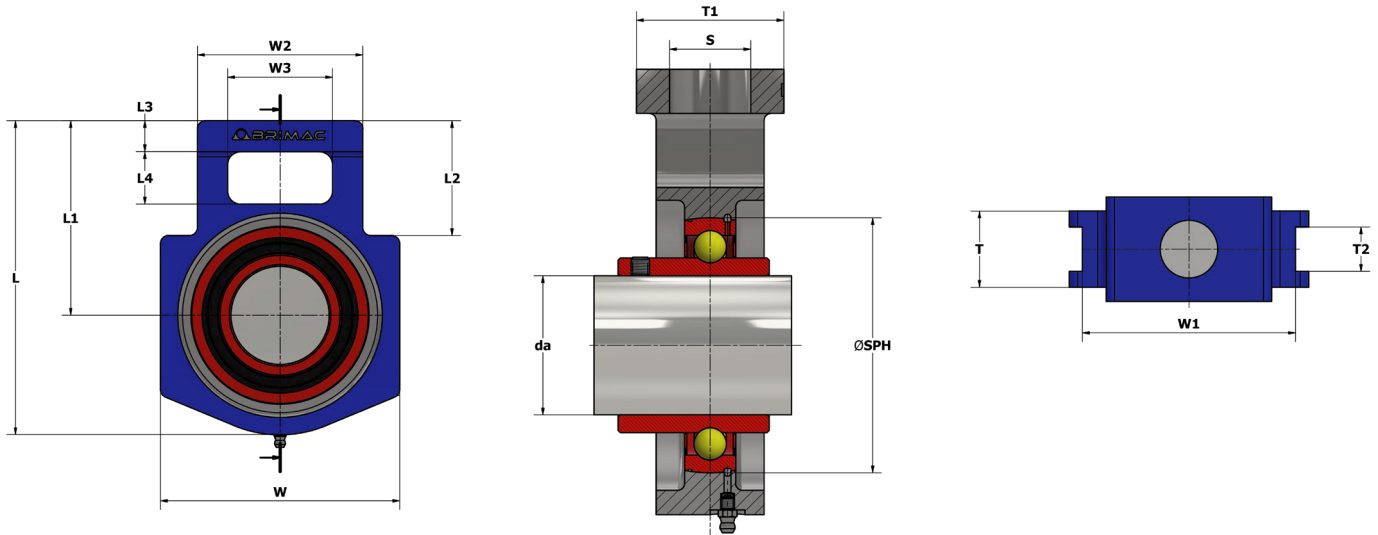
SUPPLEMENTARY DESIGNATIONS

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.

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Bri-Mac Part No	UCT Reference	da	ØSPH	L	L1	L2	L3	L4	W	W1	W2	W3	T	T1	T2	S	Bearing No.
ST3T	205	25	52	98	62	36.5	11.5	16	88.5	76	58.5	32	27.5	36	13.5	19	1025
ST4T	206	30	62	116	71.7	43	12.5	16.5	101.5	89	64.5	37.5	30	36.5	13.5	22	1030
ST5T	207	35	72	124	75.5	43	12.5	16.5	101.5	89	64.5	37.5	30	36.5	13.5	22	1035
ST6T	208	40	80	144	89.2	50.5	15.5	20.5	118	101	82.5	49.5	37	49.5	17.5	29	1040
ST7T	209	45	85	147	89.2	50.5	15.5	20.5	118	101	82.5	49.5	37	49.5	17.5	29	1045
ST8T	210	50	90	151	90.5	50.5	15.5	20.5	118	101	82.5	49.5	37	49.5	17.5	29	1050
ST9T	211	55	100	182	114	70	19	32	146	130	101	64	46.5	63.5	27	35	1055
ST10T	212	60	110	192	119	70	19	32	146	130	101	64	46.5	63.5	27	35	1060
ST11T	214	70	125	224	136.5	76.2	20.6	31.8	166.7	151	111	70	51	68	27	41	1070
ST12T	215	75	130	229	140	79	21	32	167	150.8	111	70	51	68	27	41	1075
ST13T	216	80	140	235	140	79	21	32	184	165	111	70	54	68	27	41	1080