SECTION III
HOW TO SELECT KINGSBURY THRUST BEARINGS

Style Differences Among Kingsbury Thrust Bearings

Style	Characteristics
J	6-shoe design Axial length is greater than style B's to provide increased oil capacity. Manufactured in large quantities. Stocked in sizes up to 17 inches. Economical bearing capacity.
B	6-shoe design Oil slots not as deep as style J's and shorter in axial length. Manufactured in large quantities. Stocked in sizes up to 19 inches. Economical bearing capacity.
E	8-shoe design Interchangeable with style B. Oil slots are deeper than other styles; therefore provide higher oil capacity.
S	Axial length is shorter than style B's. Accommodates larger diameter, high speed shafts. Large bearings, various number of shoes

Separable Collars

Each of the above bearing styles can be furnished with separable collars. Standard collar bores and keyway sizes are shown in the dimension tables, but special bores and keyway sizes can be furnished upon request. We recommend that collars have a close sliding fit on the shaft, 0.001" – 0.003" (0.03 – 0.08mm).

Bearing Assembly Codes

Bearing Code	Number of Shoes	Usual Size Range, inches
JHJ	6x6	4-17
JH	6	4-17
JJ	6x6	4-17
J	6	4-17
BHB	6x6	4-27
BH	6	4-27
BB	6x6	4-27
B	6	4-27
EHE	8x8	6-27
EH	8	6-27
EE	8x8	6-27
E	8	6-27
SHS	*	3-72
SH	*	3-72
SS	*	3-72
S	*	3-72

Here's what the codes mean:

- Kingsbury's four thrust bearing styles are J, B, E and S.
- An H in the code means a separate collar is furnished by Kingsbury.
- A single 6 or 8 designates a bearing with that number of shoes, on one side of the collar only.
- A 6x6 or 8x8 designates a bearing with that number of shoes, on both sides of the collar.
- (*) indicates that the number of shoes varies with the thrust bearing that is being selected.

Examples

Double Bearing with Collar	Double Bearing without Collar	Single Bearing with Collar	Single Bearing without Collar
JHJ BHB EHE SHS	JJ BB EE SS	JH BH EH SH	J B E S