

Mast Guides & Chain Guides for the Fork Lift Industry



An essential part of the forklift truck is the channeled lift structure, which is commonly called the mast. Mast Guide bearings are a basic part of the mast as they guide and retain the forks in the vertical channels. Chain Guide roller bearings which facilitate the lifting and lowering of the mast are also an important part of the entire upright system.

Forklift trucks handle loads ranging from light, bulky material to heavy loads in excess of 4,000 pounds. NTN-BCA & NTN-Bower Mast & Chain Guide bearings are specifically designed to withstand the heavy radial loads required in this type of application. Mast Guides have heavy section outer rings, which serve as rollers or guides for the carriage in the mast channels. The configuration of the outer ring is designed to fit the contour of the mast channel. In some cases, the lift truck manufacturer provides a sleeve for a replaceable double row bearing. Some of these bearings have cracked outer rings, which allow for a full complement of balls greatly increasing load capacity.

FEATURES & BENEFITS

water resistant grease

Factory sealed & lubricated with water resistant grease for longer life

precision ground raceways

designed for maximum resistance to misalignment

impact & wear resistant

hardened, heavy outer rings specifically designed for maximum impact and wear resistance

separable tire/sheave

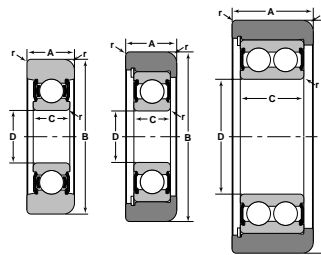
american made

NTN

Mast & Chain Guide Specifications

NTN-BCA Ball Bearing Mast Guides

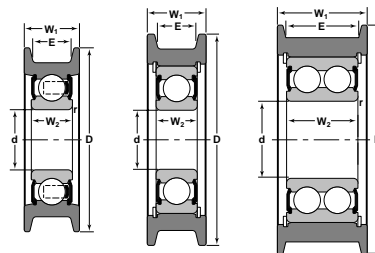
18 Styles with over 100 variations available.



Range	I/D	O/D	I/R	O/R	Fillet
Inch	.9843–2.5591	2.563–7.960	.5890–1.9375	.8380–2.0670	.0400–.1180
mm	25–65	65.1–202.2	14.96–49.2	21.3–52.5	1–3

NTN-BCA Ball Bearing Chain Guides

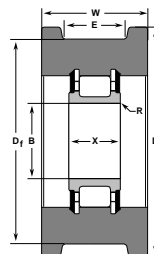
14 Styles with over 40 variations available.



Range	I/D	O/D	I/R	O/R	Belt	Fillet
Inch	.9843–1.9685	2.500–6.910	.6250–2.610	.9100–2.452	.7100–2.216	.0400–.0980
mm	25–50	63.5–175.5	15.9–66.3	23.1–62.3	18–56.3	1–2.5

NTN-Bower Cylindrical Bearing Chain Guides

9 Variations available.



Range	I/D	O/D	I/R	O/R	Belt	Fillet
Inch	1.3780–1.9685	3.230–5.040	.9050–2.000	1.025–2.717	.730–1.968	.040–.070
mm	35–50	82–128	23–50.8	26–69	18.5–50	1–1.8

Ask for NTN Mast & Chain Guides for your replacement needs!

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