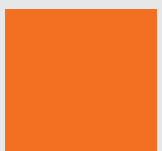




Rolling Mill Bearings



The Right Choice For Your
High Performance Solution.



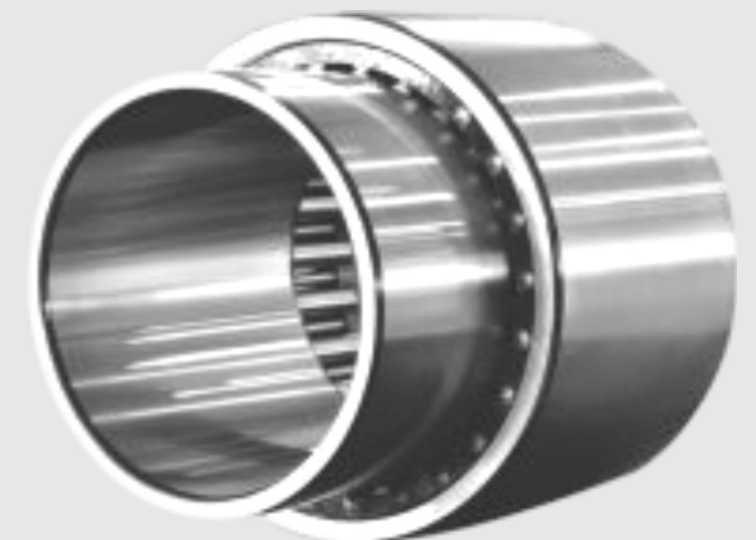
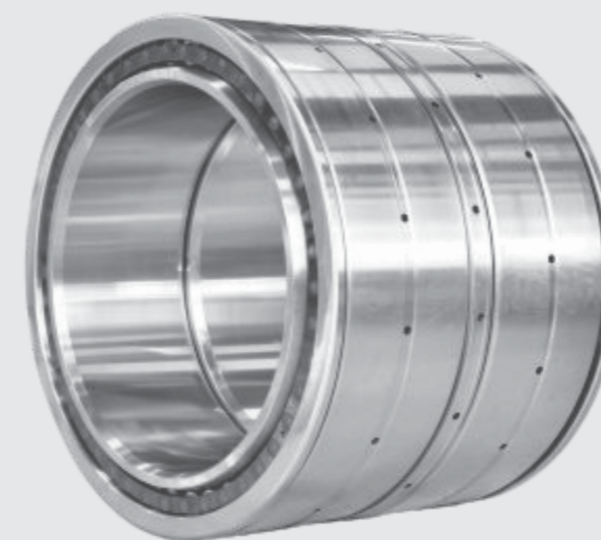
Everything You Need
to Keep on Rolling

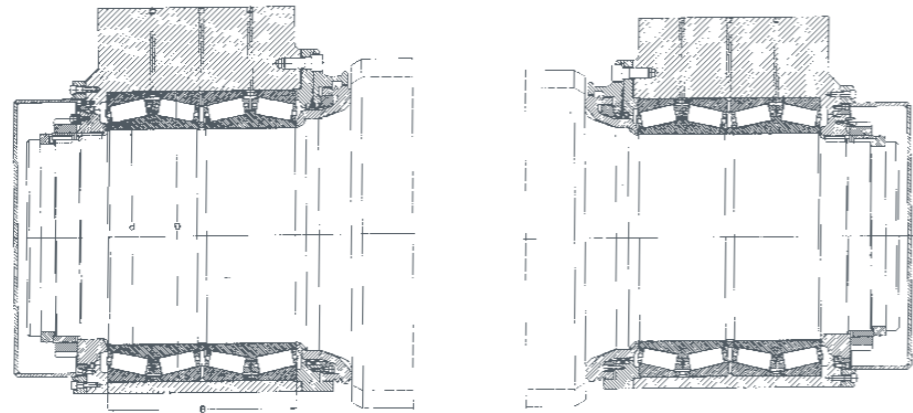
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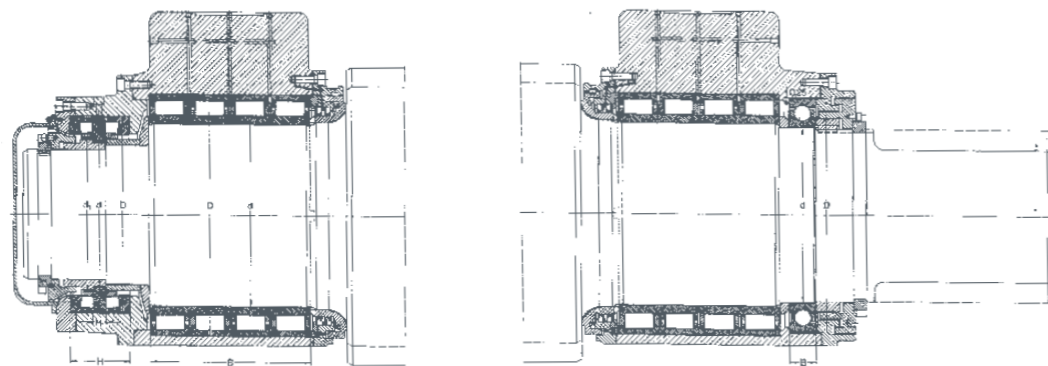
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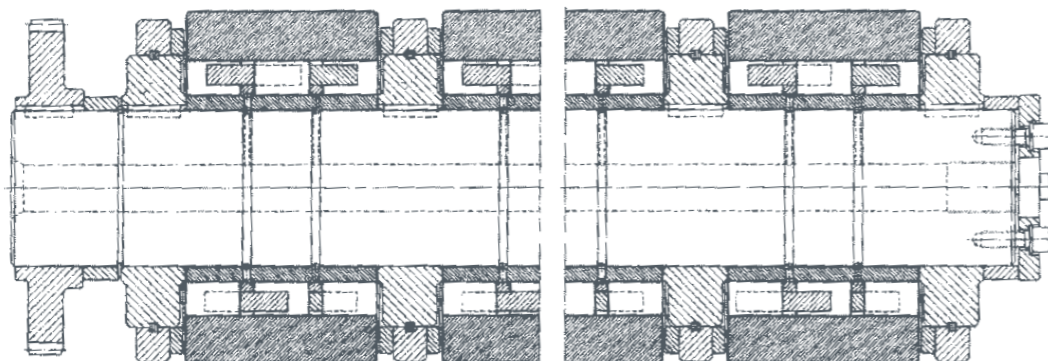
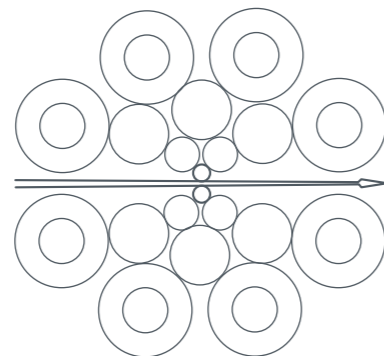




Backup Roll Bearing Arrangement for 4/6 Hi Cold Rolling Mill with 4 Row Tapper Roller Bearing



Backup Roll Bearing Arrangement for High Speed Cold Rolling Mill with Cylindrical Roller Bearing



Backup Roll Bearing Arrangement for 20 Hi (Sendzimir) Cold Rolling Mill

ABOUT US

Established in the year 1996, **M. SONS INDUSTRIES** is one of the leading company in Sales and Services. From almost three decades we are offering integrated solutions to Steel Manufacturing and Allied Process Industries in Bearings and Rolls.

We started our journey as a Bearing Supplier for all general purpose Bearings use with a focused and wide vision to become a leading supplier and manufacturer of Specialization in Mill Bearing for Cold Rolling, Hot Rolling Steel Making Industries and Pipe Manufacturing Industries.

On 2007 we have diversified our line of business towards our dreamed market of Specialized Bearing like Four Row Tapered Roller Bearing, Four Row Cylindrical Roller Bearing, Sendzimir/ Backing mill Bearings etc. & also registered our own brand for bearings in the name of DXZ Bearings – manufacturing in China, Design and MOC as per Specifications & Technical Guidance of **M SONS INDUSTRIES**.

Further We are distributor of NSK Japan Bearings – Japan on 2015 particularly for Steel Industries. Further again we are Dealer and distributorship of ZWZ on year 2018 to avail more options and variety to our steel making and processing partners., M Sons Industries Authorized Agent of Sinosteel Xingtai Machinery & Mill Roll Co; Ltd China for India, Africa & Nepal Market.

The Right Choice
For Your High
Performance
Solution.

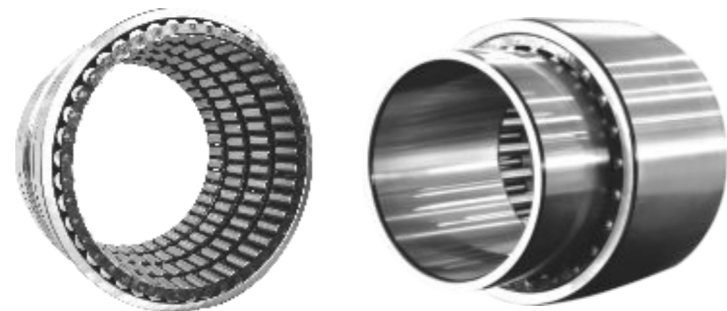


Four Row Taper Roller Bearings



- Due to tapered design, the bearing is able to carry a combination of significant radial & axial loads in particular in Cold Rolling Mills.
- Depending upon the anticipated application loads, a higher radial capacity series or a higher axial capacity series is chosen. In almost all cases of 4 high or 6 high cold rolling mills, there is no need for an additional axial bearing in the assembly. This will contribute to a cost reduction in the overall assembly of back up rolls.
- The most important advantage which a 4 Row Taper Roller Bearing has over Spherical roller bearing is that 4 Row taper roller assemblies are used mostly on roll neck application where high radial loads are carried and limited radial space is available.

Four Row Cylindrical Roller Bearings



This Type Of Bearing Is The Most Widely Used Bearings Amongst The Various Rolling Mill Bearings, In Cold Rolling Industry, The Main Characteristics Are:

- The maximum dynamic load rating can be achieved with a limited mounting space.
- They are applicable for high speed mills.
- They permit more accurate limiting tolerances.
- They can only accommodate radial load and as such for roll neck bearing application in cold rolling mills a thrust bearing is fitted on non driving side of roll neck, to accommodate for thrust loads.

Same is the case with other drives.

Spherical Roller Bearings

These bearings are mainly used in machine assembly, where radial & axial loads are accommodated. However its use is limited to nominal loads & low speeds.



Sendzimir / Backing Mill Bearings

The bearings used in multi-roll cold strip rolling mill have a thinner wall thickness and they are mounted on back roll. They permit high radial load capacity & dimensional accuracy, however these bearings do not accommodate axial loads.



Ball Bearings

The bearings used in multi-roll cold strip rolling mill have a thinner wall thickness and they are mounted on back roll. They permit high radial load capacity & dimensional accuracy, however these bearings do not accommodate axial loads.



OUR CLIENTS

At Bearing Centre. We Carry Only The Finest Products. Which Are Handpicked From A Range Of Internationally Acclaimed Supplier We Are Proud To Be Associated With The Following Authorised Suppliers Of Quality Engineering Products.

COLD ROLLING AND HOT ROLLING

PIPE MILL AND PROCESSING LINE

STONE CRUSHER/ MINING

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