

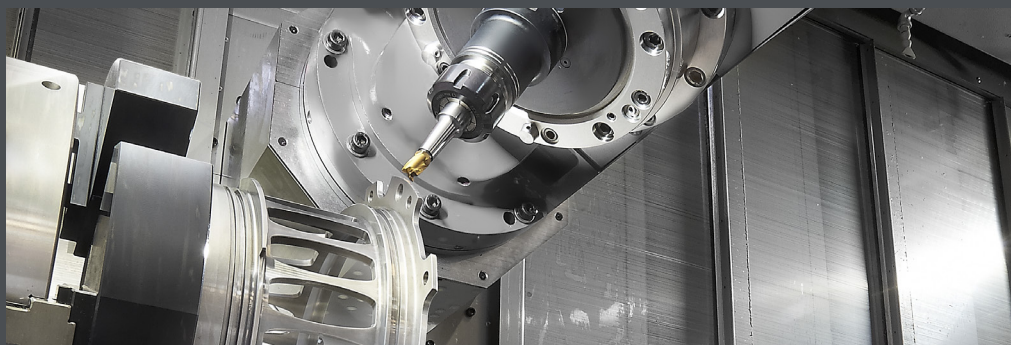


SOLUTIONS FOR MACHINE TOOL
**FEEL SECURE,
OFFER YOURSELF JAPANESE EXCELLENCE!**

NTN® **SNR**®



With You



Treat yourself to the expertise of a leader!

Our team of experts works with the world's leading references in machine tools. They will accompany you in your developments and throughout the service life of your machine.

Sensitive to your concerns, our teams are specialised in solving the cost/performance equation to offer you the best Quality/Price ratio at all times.

Combining Japanese know-how in the field of machine tools with a full range of European products and services, NTN-SNR offers you a complete range of solutions for your machines.

Opt for the top technology!

Our ranges offer the highest quality and the ULTAGE design for optimal performance and productivity of your equipment.

- | | |
|-------------------------------|--|
| • High speed & High rigidity | > Machining efficiency |
| • High precision | > High quality operation |
| • High reliability | > Reduced maintenance costs |
| • Respect for the environment | > Reduced consumption of energy and consumables/preservation of the work environment |

Spindle bearings

High precision angular contact ball bearings

STANDARD HIGH PRECISION

15, 25, 30° contact angle - Polyamid resin cage - Open / Sealed

HIGH SPEED HSE / BNS

15, 20, 25° contact angle - Phenolic resin cage - Open / Sealed

HIGH SPEED WITH DIRECT AIR-OIL LUBRICATION SYSTEM HSEW

20, 25° contact angle - Phenolic resin cage

SUPER HIGH SPEED HSF

25° contact angle - Phenolic resin cage



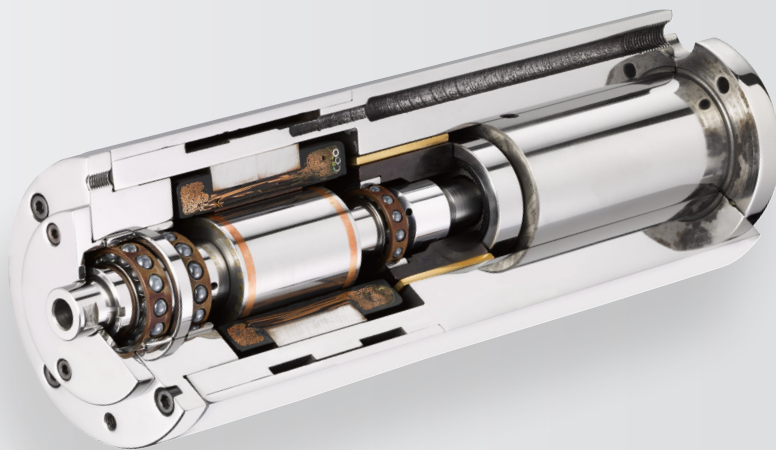
High precision thrust bearings

HTA SERIES **ULTAGE**

30 and 40° contact angle - Polyamide resin cage

5620/5629 SERIES

60° contact angle - High strength machined brass cage



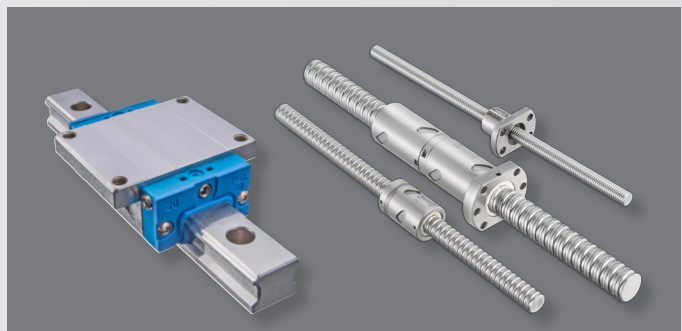
Linear range

BALL SCREW

Customized - Nuts according to DIN69051
Ground / Rolled

LINEAR GUIDE

According to DIN 645
Generation II - Ball chain technology



complete and reliable offer!

High precision double-row cylindrical roller bearings

STANDARD HIGH PRECISION

High strength machined brass cage

HIGH SPEED HS

High strength machined brass cage

ULTRA HIGH SPEED HSR **ULTAGE**

PEEK resin cage



High precision single-row cylindrical roller bearings

STANDARD HIGH PRECISION HS

High strength machined brass cage

HIGH SPEED HSR **ULTAGE**

PEEK resin cage



Ball screw support bearings

BST **ULTAGE**

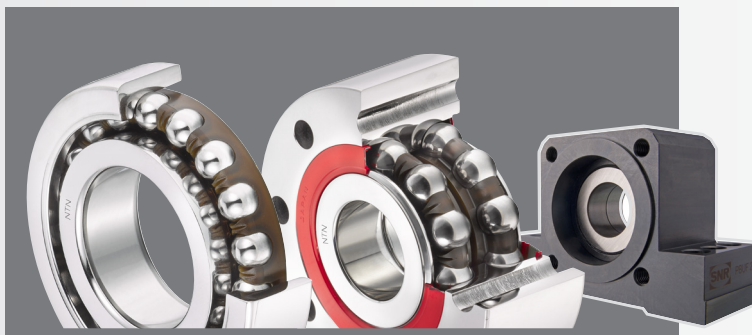
60° contact angle - Polyamide resin cage - Open / Sealed

BSTU **ULTAGE**

60° contact angle - Polyamide resin cage - Sealed

BALL SCREW SUPPORT UNITS - BSTK/BSTF

Steel housing with BST inside



Dedicated services

APPLICATION STUDY

TRAINING

LUB SOLUTIONS

TECHNICAL ASSISTANCE



JAPANESE TECHNOLOGY INSIDE





NTN-SNR

THE STRENGTH OF A GROUP

Expert in Product Life Cycle Management, NTN Corporation is characterised by the closeness and commitment of its teams. We think ahead to development projects in your strategic markets. Our engineers work with you to design solutions specific to your market. Our NTN and SNR brands contribute to the excellence of your machines and so support their promotion.



TÜRKİYE DİSTRİBÜTÖRÜ:

ARİF ALAÇAM RULMAN TİC. VE SAN. LTD.ŞTİ.

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