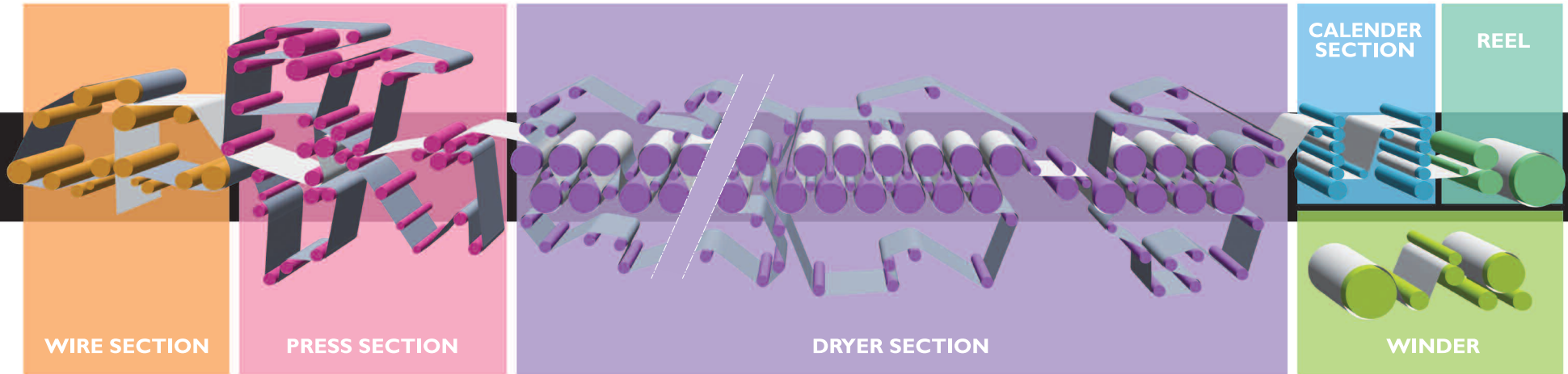


The Paper Making Process



TL

- 1. Suitable for high temperature equipment with resistance to inner ring fracture.
- 2. Long life that boosts productivity and lowers maintenance costs.

USED IN:
DRYER SECTION,
CALENDER SECTION



MOULDED OIL

- 1. Excellent performance in environments exposed to moisture or dust.
- 2. Easy to handle and environmentally safe.

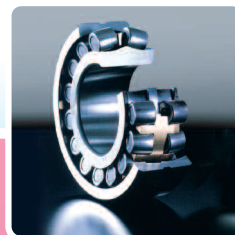
USED IN:
AGITATOR,
CONVEYOR,
WET SECTION,
PRESS SECTION



HPS

- 1. Longer bearing life.
- 2. High limiting speeds.

USED IN:
BARKER, CHIPPER,
REFINER, WIRE SECTION,
WINDER, REEL



TOUGH STEEL

- 1. Shock resistant.
- 2. "Self healing" = longer lasting, lower stress risers.

USED IN:
PRESS ROLL



SAF HOUSING

- 1. Compatible with industry standards.
- 2. Easy to oil ports.

USED IN:
CONVEYOR



SWR

- 1. Heavy load capabilities.
- 2. Lubrication filled.

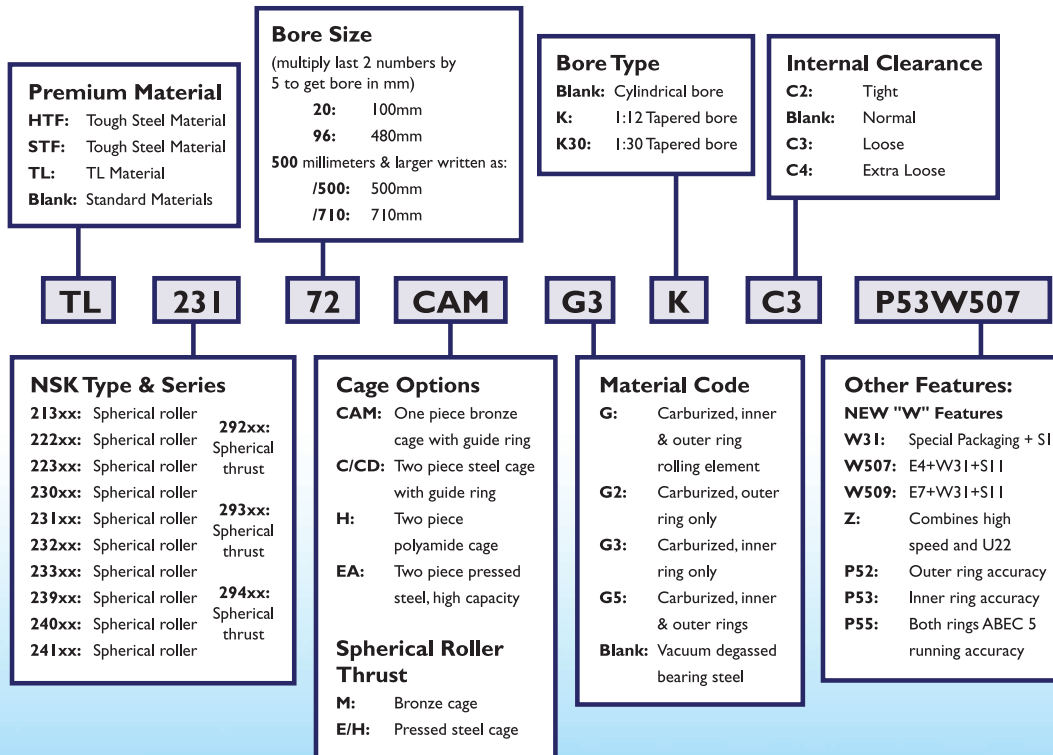
USED IN:
PRESS ROLL

Through the entire paper making process you can rely on NSK's uncompromising commitment to superior products and unparalleled service. Upgrading to NSK ensures productivity and reliability for you and your entire operation.

From high temperature resistance to heavy load capabilities, NSK delivers products that offer solutions in all mill applications.

Experience the NSK difference, upgrade to NSK.

NSK Nomenclature – Spherical Roller Bearings



Interchange – Spherical Roller Bearings

	DESCRIPTION	NSK	SKF	Timken	FAG
PART NUMBER	Very Light	239xx	239xx	239xx	239xx
	Light	230xx	230xx	230xx	230xx
	Light,Wide	240xx	240xx	240xx	240xx
	Medium	231xx	231xx	231xx	231xx
	Medium,Wide	241xx	241xx	241xx	241xx
	Heavy	222xx	222xx	222xx	222xx
	Heavy,Wide	232xx	232xx	232xx	232xx
	Extra Heavy	213xx	213xx	213xx	213xx
	Extra Heavy,Wide	223xx	223xx	223xx	223xx
	PART NUMBER SUFFIX	Bronze Cage, One Piece, Guide Ring	CAM,AM	CA,CACM	YM
Bronze Cage, Two Piece, Guide Flange		M	MC	BR	MB
Steel Cage, Two Piece, Guide Ring		C,CD	CJ,CC	CJ,VJ	Blank
Polyamide Cage, Two Piece		H	—	VCF	TVPB
Tapered Bore 1:12		K	K	K	K
Tapered Bore 1:30		K30	K30	K	K30
Carburized Steel, Complete Bearing		g	ECD	W40	W209
Carburized Steel, Inner Ring Only		g3	ECB	W40I	W209B
Lube Groove & Holes Outer Ring		E4	W33	W33	S
Lube Groove & Holes Outer Ring, Holes Inner Ring		E7	W513	W33W94	SHA40AB
Holes Only Outer Ring		E3	W20	W20	SY
Holes Only Inner Ring		E5	W26	W94	H40AB
No Relube Feature		Blank	Blank	Blank	—
Plugs Provided For Outer Ring Holes		E42	W77	W84	H40
Combination W33, W4, W31		W507	W507	W33W4W31	—
Combination W33, W31		E4U22	W506	W33W31	—
Combination W33, W26, W31		W509	W509	W33W94W31	SH40A
Outer Ring With Extra Close Running Accuracy		P52	C04	C04	T52BN
Inner Ring With Extra Close Running Accuracy		P53	C02	C02	T52BE
Inner & Outer Ring W/Extra Close Running Accuracy		P55	C08	C08	T52BW
Special Inspections Measures		W31	W31	W31	—
Inner Ring & Outer Ring Heat Stabilized To 200 C		S11	S1	—	—
Tight Clearance		C2	C2	C2	C2
Normal Clearance		Blank	Blank	Blank	Blank
Loose Clearance		C3	C3	C3	C3
Extra Loose Clearance	C4	C4	C4	C4	



W31 Feature

W31 includes special inspection and special packaging to assure integrity of quality during shipping.



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