

KOWEY^{G m b H}

*Your reliable partner
for the worldwide
Cement Industry*





The company KoWey GmbH is an international operating enterprise founded in February 2007 by the two Managing Directors Friedrich W. Kost and Claus Weyhofen. Both owners look back upon more than 20 years of experience in the cement machinery and other material handling industries. Since 2007 we were able to establish trusting and cooperative relationships with clients in more than 40 countries. Already, the majority of all worldwide operating cement manufacturers belong to our clients.

The range of activities can be described to as:

- Delivery of special components or spare parts in the exchange for the OEM machineries
- Retrofit & Up-grades of existing machineries
- Plant optimization for more efficient utilization
- Engineering support for detailed plant layout
- Procurement and machinery supplies

Our main focus is the provision of all kind of machinery components, in particular for the spare part business. Concentrating but not limited to spare parts for conveying technology and filter media.

The spare parts for the conveying technology are designed by us and manufactured by licensed manufacturing companies. All equipments procured and/or manufactured from German companies, are at least of OEM quality and convince by extreme competitive prices at shortest delivery times.

Together with our customers and suppliers we are developing reliable technical solutions and products for one of the most demanding industries in the world. Our competence and quality-orientated design are a premise to master the demands of our customers.



Friedrich W. Kost



Claus Weyhofen

ISO 9001
BUREAU VERITAS
Certification



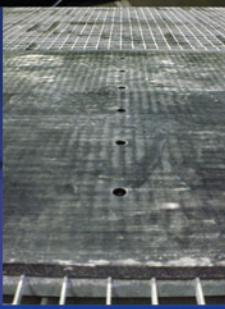
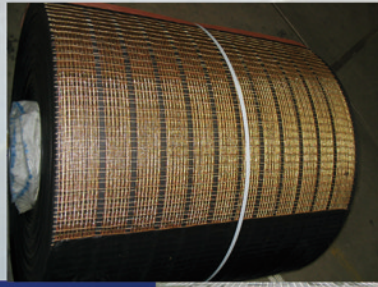
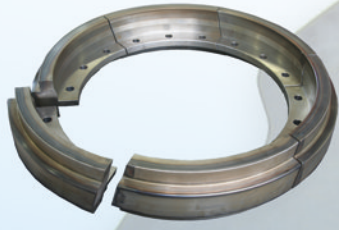
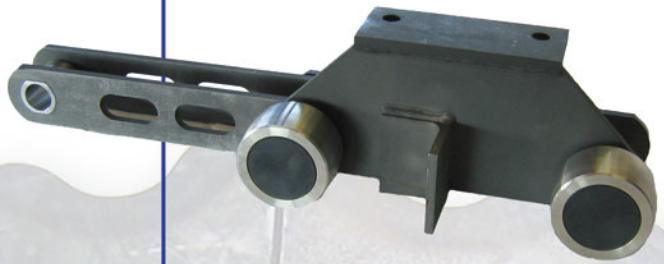
Certified Quality - Made in Germany!

KoWey GmbH

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47495 Rheinberg-Germany

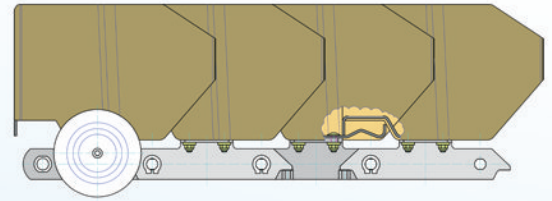
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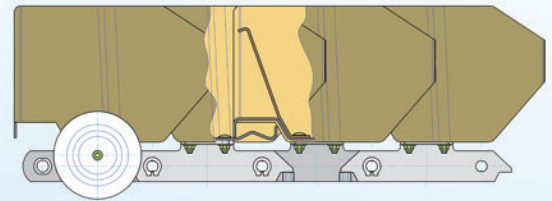


KoWey supplies conveying sections for different type of conveyors and applications. The design of the conveying section to be employed depends on the grade of inclination of the conveyor.

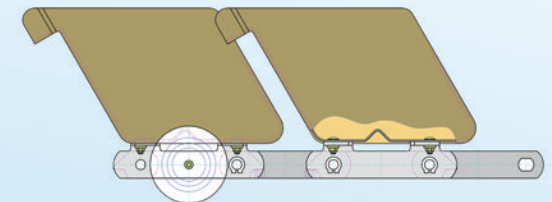
The dynamical angle of repose of clinker is about 35°, thus an ordinary pan without any measurements withholding back-flowing clinker is sufficient for a reliable transport of up to 28° conveyor inclination.



For conveyor layouts beyond 28° and up to 40° inclination, an additional baffle plate installed at every 2nd cell becomes required to withhold the back-flowing clinker. The baffle plate will be supplied loose for installation at site.



For conveyor layouts beyond 40° and up to 60° inclination, an apron bucket design becomes required. The tight design of the bucket ensures an almost spillage free clinker transport. Nevertheless, the unfavorable ratio of usable volumetric filling versus the dead load is a disadvantage.



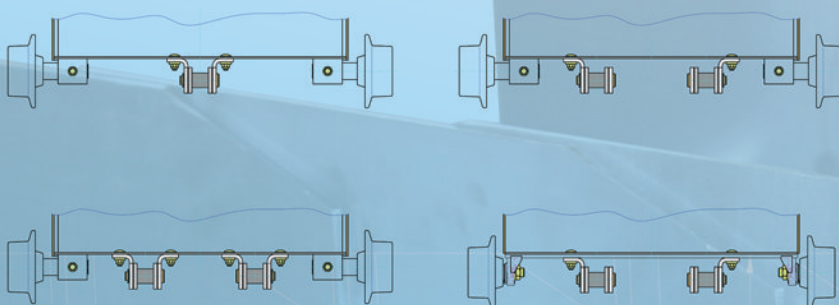
KoWey – Conveying Section with deep drawn pans

The torsion-resistant conveying cells are connected to the link chain by screw-mounting.

The first conveying cell receives brackets at either side accommodating the rollers with stub-shaft and secured by a shaft bolt.

The precise pressed shape of the bottom plate ensures the contact-free over lapping of the single conveying cells and provides sufficient rigidity even for wide cells.

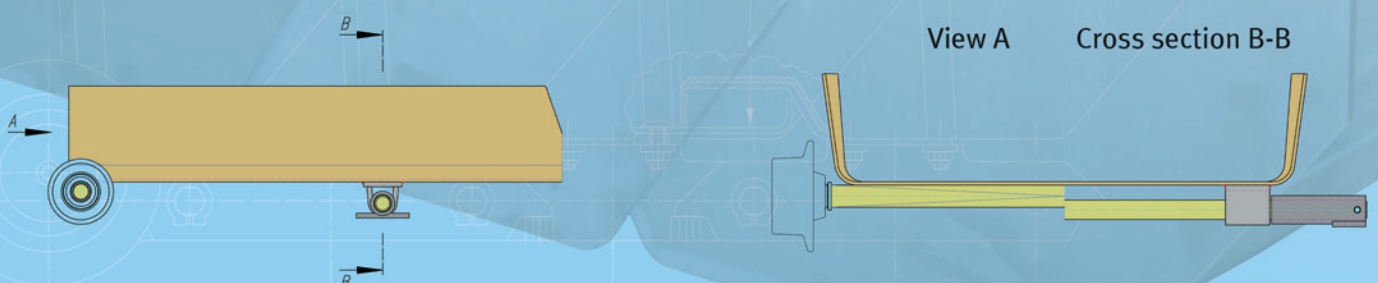
The pressed side walls featuring a stable design with minimum friction contact and providing a maximum sealing of the cells. The bending resistant design of the link chain avoids the “sagging” of the conveying cells and assures a long lasting operating reliability.

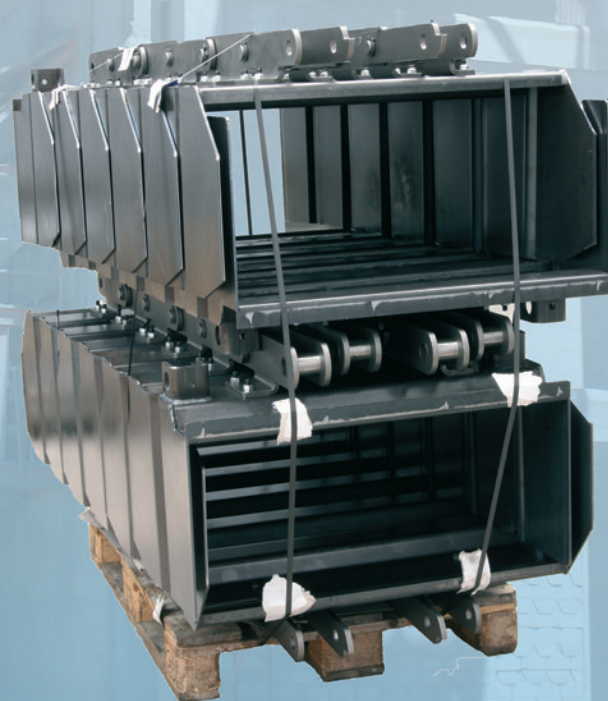
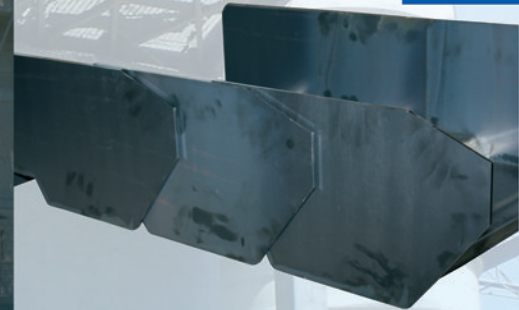
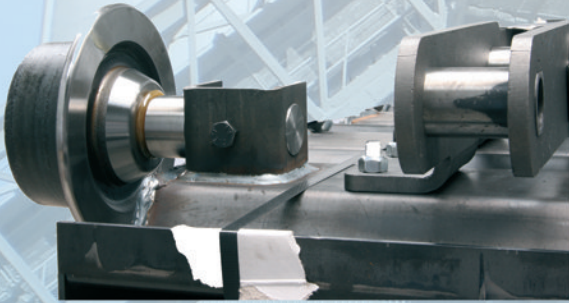
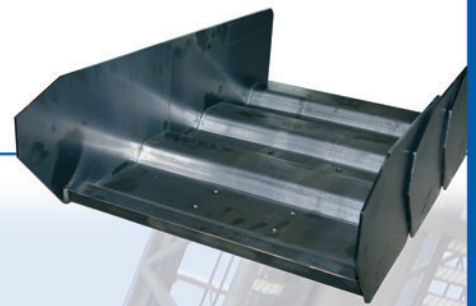
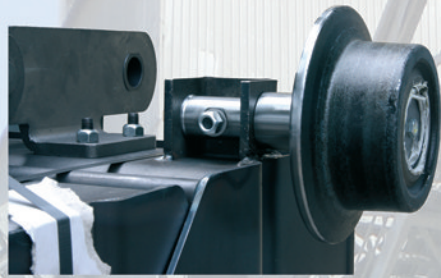


Depending on the load and size following chain arrangements are possible:

- central chain
- double chain, single bent
- double chain, double bent
- double chain with roller traverse

Conveying sections with deep drawn cells and flat side plates in trapezoidal immersing arrangements can be provided too; similar conveying sections for conveyors with pivoting pans for intermediate discharge.





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KoWey supplies high-performance bush link chains for pan conveyors and apron bucket conveyors. The robust design and the precise workmanship of the chains granting reliable operation and long service life under most demanding conditions.

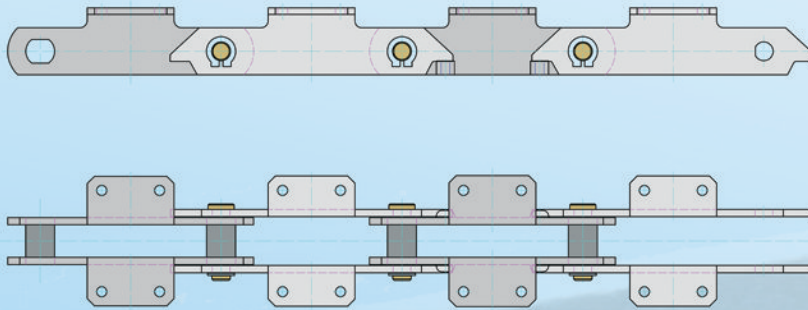
The chain links are manufactured from mild steel and high alloy-steel. The links are hot-bent and normalized afterwards. The cams and noses at inner and outer links serve as stiffener against deflection under load. This stiffenes is important to maintain the non contact overlapping of the conveying sections. The bushes and bolts from tempering steel provide a maximum wear-resistance by a special surface hardening. The surface hardness is 60 HRC (±2) at a depth of minimum 1 millimetre. Bolts and bushes are supplied with polished surfaces.

We do provide two types of bush link chains:

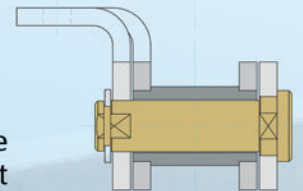
KOWEY CHAINS WITH HEAD BOLT

This chain type contains bolts with forged head and receives a retaining ring at the other side as emergency lock. One flat surface at either side of the outer link position serves as mechanical rotation lock. The bushes receive two parallel arranged flat surfaces at either side of the inner link position. The holes inside the link plates for bolt and bush fixation provide a special shape in order to prevent bolts and bushes against rotation by a mechanical rotation lock. The tight tolerances provide a tight press fit in order to archive the required fatigue strengt

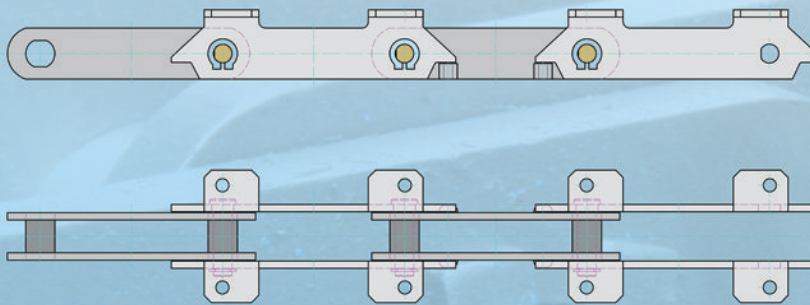
KoWey-Chains for Pan Conveyor



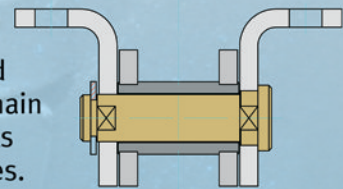
A bent link is arranged at every pitch. Depending on the pan width and application the chain receives bent links on one or two sides.



KoWey-Chains for Bucket Conveyor



A link with two bents is arranged at every second pitch only. Depending upon the pan width and application the chain receives bent links at one or two sides.



KOWEY STANDARD CHAINS WITH HEAD BOLT

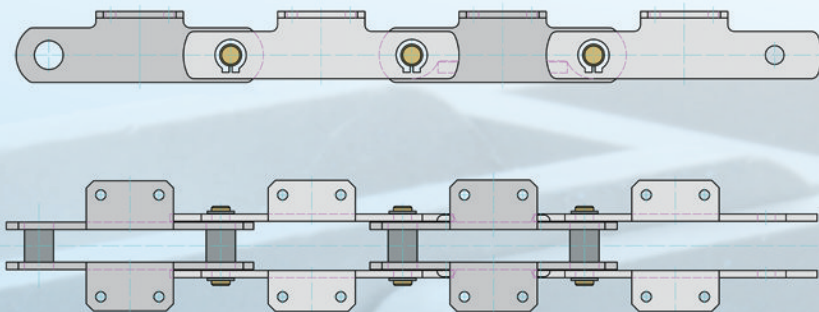
Pitch [mm]	inner width [mm]	link size [mm]	bush-Ø [mm]	bolt-Ø [mm]	breaking strength [kN]
160	45	65x9	40	26	350
160	45	70x10	40	26	450
250	30	50x8	32	20	220
250	45	70x10	40	26	450
250	60	80x10	40	26	520
250	60	90x12	44	30	700
250	60	90x12 ^v	54	36	900

KOWEY CHAINS WITH PLAIN BOLT

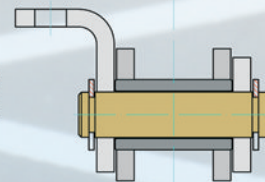
This chain type employs simple bolts with two retaining clamp rings at either side as emergency lock. The plain bolts and bushes are connected to the links plates by means of a press fit only, without any mechanical lock serving against rotation. The tight tolerances provide a tight press fit to achieve the required fatigue strength.



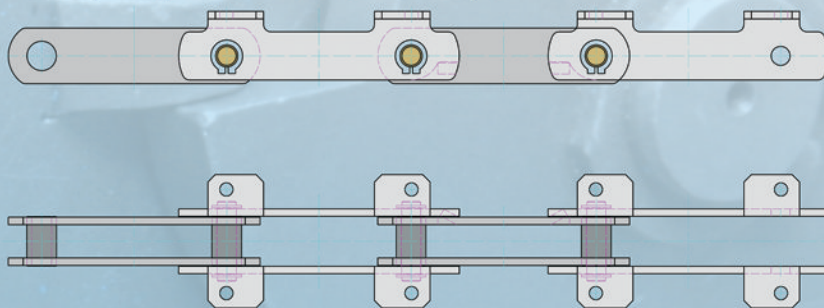
KoWey-Chains for Pan Conveyor



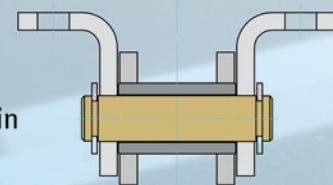
A bent link is arranged at every pitch. Depending on the pan width and application the chain receives bent links on one or two sides.



KoWey-Chains for Bucket Conveyor



A link with two bents is arranged at every second pitch only. Depending upon the pan width and application the chain receives bent links at one or two sides.



KOWEY STANDARD CHAINS WITH PLAIN BOLT

inner width [mm]	bush- \emptyset [mm]	bolt- \emptyset [mm]	link size [mm]	Pitch [mm]	breaking strength [kN]
30	32	20	45/55 x 8	250	290
45	40	26	65/75 x 10	250	510
55	44	30	70/85 x 12	250	700
60	52	34	85/100 x 12	250	900

Next to these chains all DIN standard chains with pitches of 160, 200, 250 and 315 mm in different strength and design can be provided too.

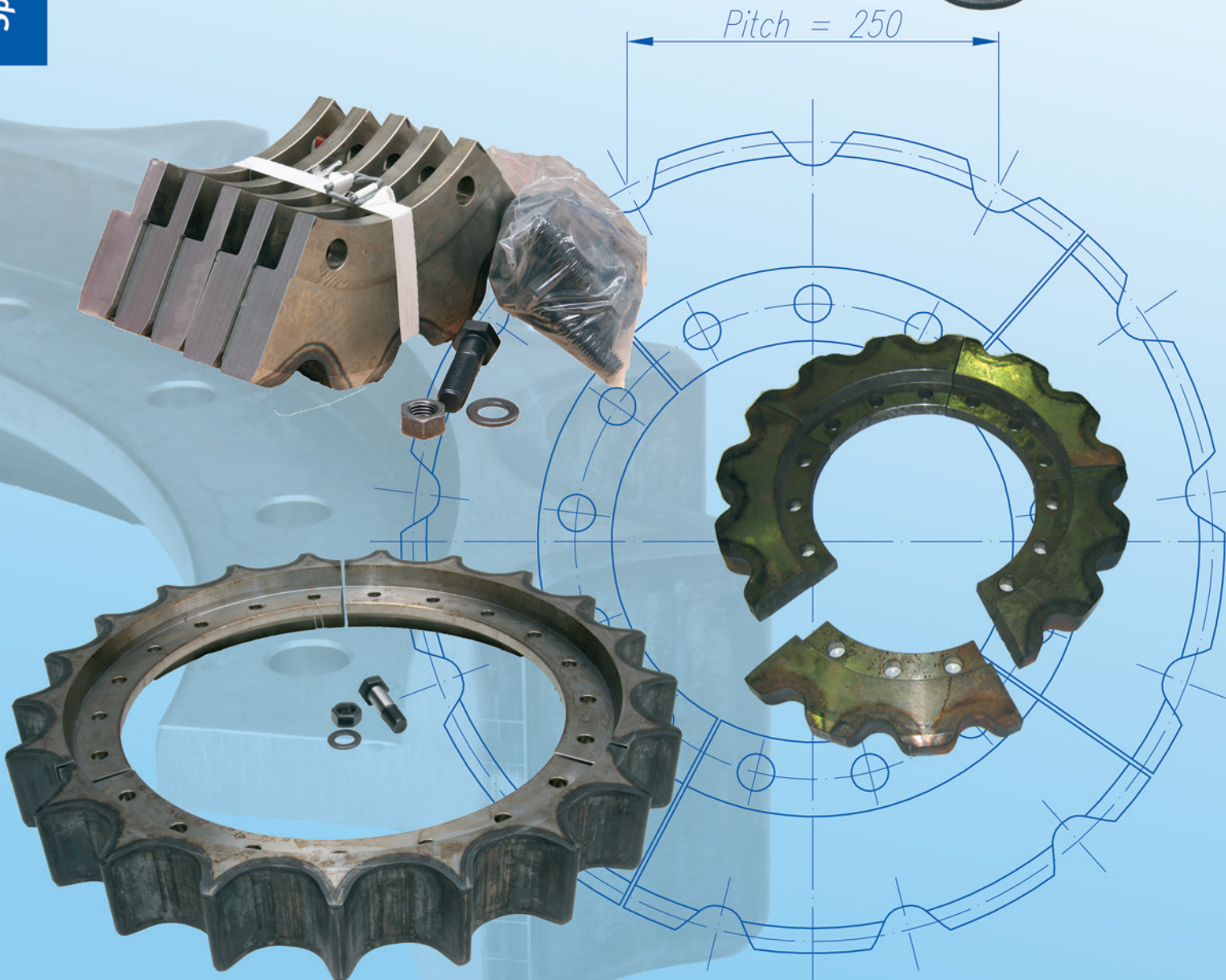
KoWey – Chain Sprockets

The heavy duty chain sprockets from 42CrMo4 are surface hardened at the tooth flanks to 50+5 HRC. The surface hardening depth comes to 5 millimetres. Depending on the chain the tooth pitch is arranged as double-toothing, thus the individual tooth takes up the chain bush with every second revolution only. This leads to an increased life time compared versus a single-toothed chain sprocket.

The sprockets are divided into segments for fast and easy replacement without disassembling the conveying section and drive shaft or tail axle respectively.

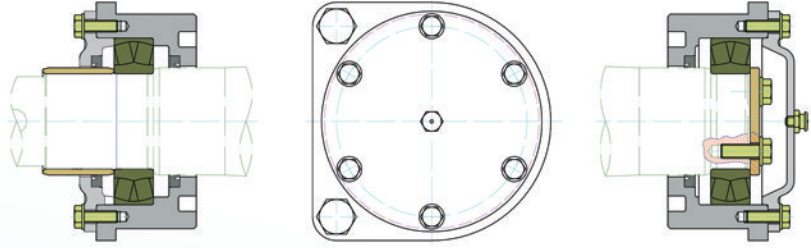
The high-tensile fixing materials for the connection to the shaft hub are part of the scope of supply.

NOTE! If a conveyor employed has got two chains, than the chain sprockets must be exchanged in pairs.



Flange bearing for drive shaft

This type of flange bearings is specially designed to accommodate drive shafts with huge dynamical and statical loads. The precise manufacturing and the special mode of sealing provide a long service life in hot and dusty environments. The self aligning rollers bearings of type FAG or SKF allowing an easy adjustment of the drive shaft. Flange bearings are available from 80 up to 500 mm diameter.



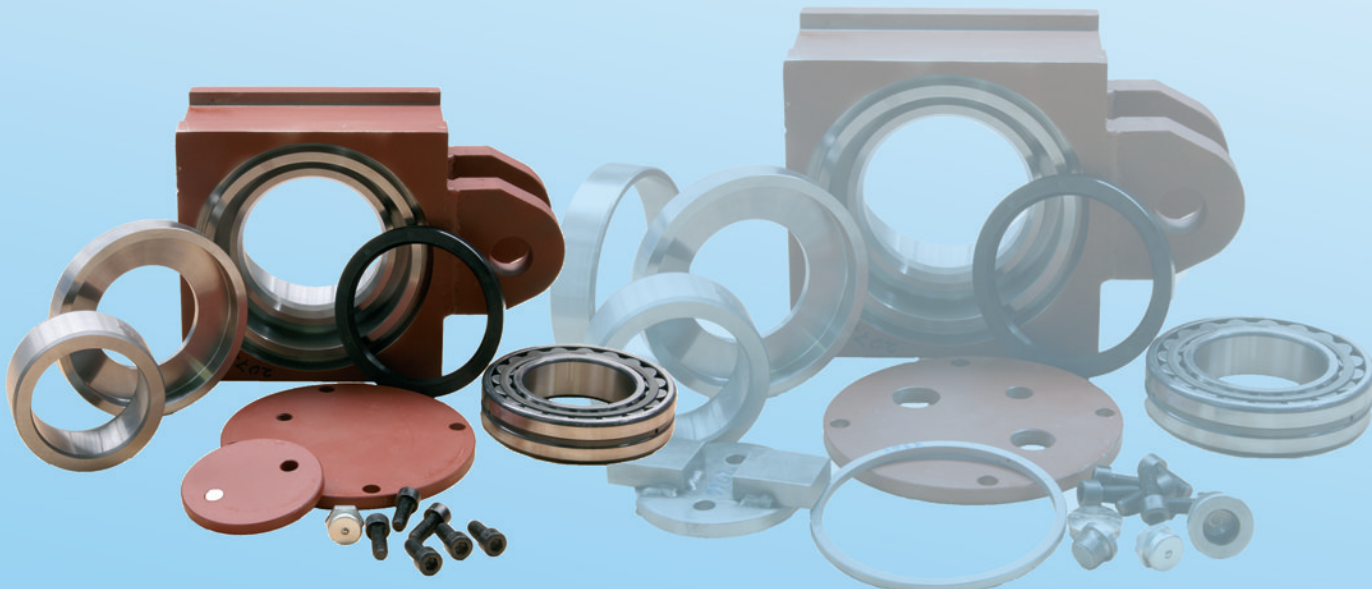
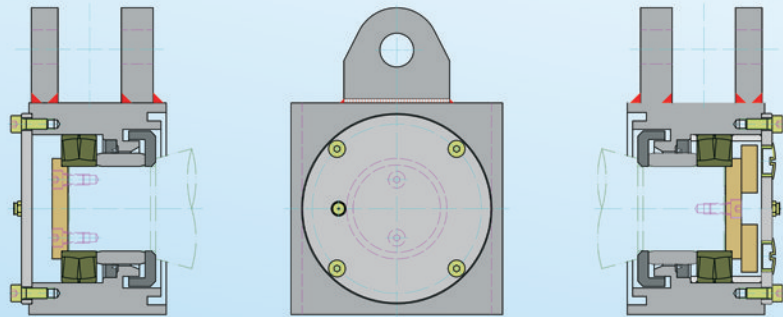
Flange bearing lose



Flange bearing fixed

Block Bearings for Tail Axle

The machined block receives two brackets for the connection with the trapezoidal spindles of the spring tension system. The single pendulum roller bearing accommodates the tail axle end. The sealing of the block is attained by a special labyrinth sealing..



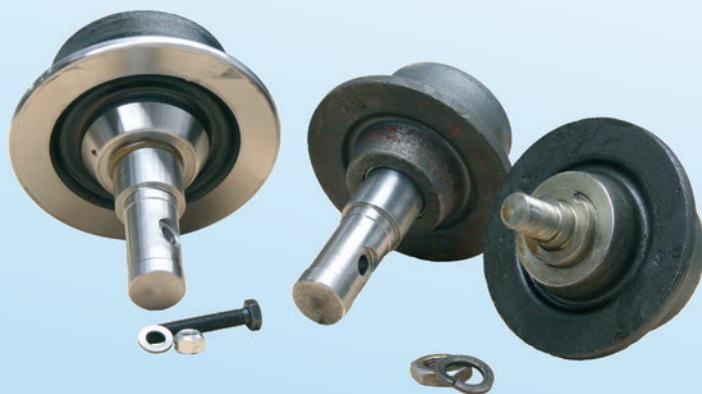


KoWey – Roller

The highly wear and tear resistant rollers are characterized by a reliable design for heavy applications in hot and dusty environments.

The forged roller body from C60 is inductively hardened at the running surface diameter and 2/3 of the spur circumference. The surface hardness is 600 to 700 HV with a hardness depth of 4 to 5 mm. The shaft from C45 takes up the two grooved ball bearings of make FAG or SKF. A special lamella seal in conjunction with one LSTO-ring prevents the penetration of finest dust and secures the life time lubrication. The fixing material for the connection to the pans, respectively buckets is part of the scope of supply.

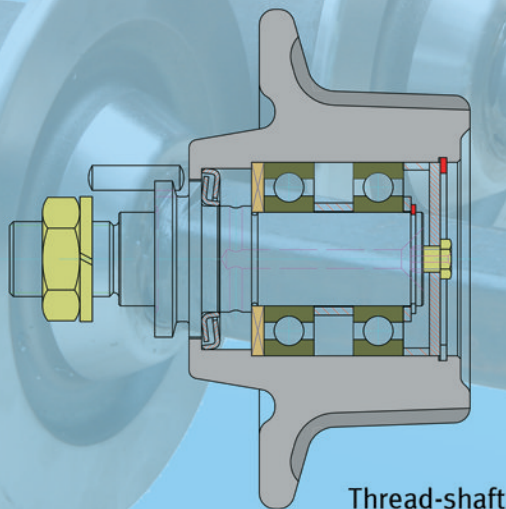
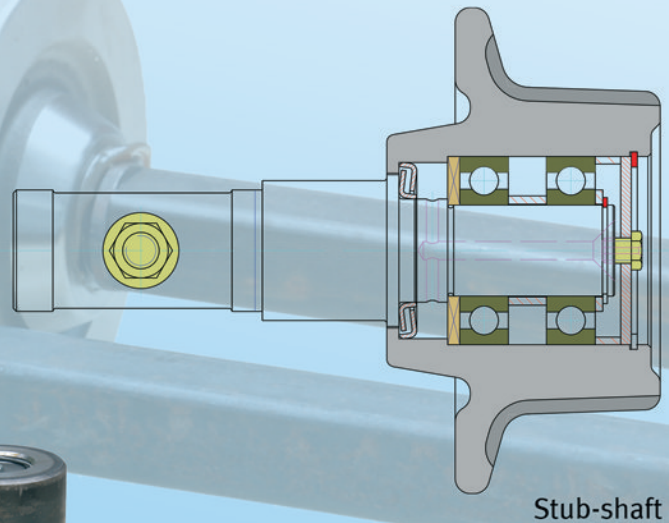
Depending upon the carrying loads, the rollers are available in three different sizes:



Roller- \varnothing	Flange Wheel- \varnothing	Inner Bearing- \varnothing
108 mm	160 mm	30 mm
140 mm	200 mm	35 mm
160 mm	220 mm	40 mm

Depending on the mode of fixation the rollers are available with a stub shaft for fast and easy replacement at site, or with a thread shaft for the fixation to a traverse mounted underneath the cell or bucket.

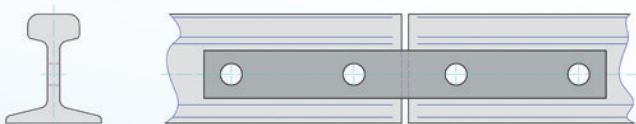
Support rollers and twin rollers with carrier axle from square steel for conveyors with pivoting pans are available too.



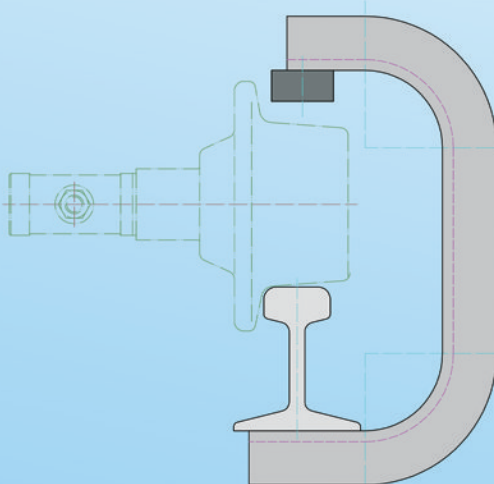
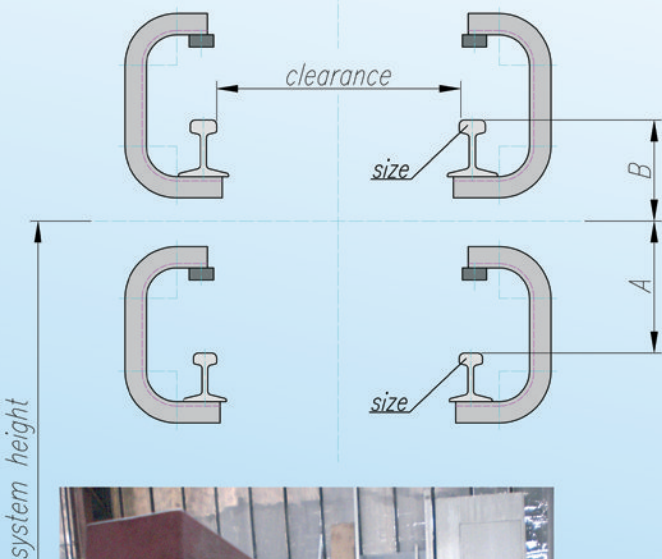
Rails and upper guidance

KoWey provides complete runways or parts thereof. All commercially available rails can be utilized upon request. We accommodate both European and local standards.

The runways are being manufactured according to workshop drawings provided by the customer or according to workshop drawings tailor made by KoWey based upon the available general arrangements drawings.



The roller upper guidance in the curved area prevents the conveying sections from lifting up. Rail connection and expansion joint can be provided to.



BUCKET ELEVATORS WITH STEEL CORD RE-ENFORCED RUBBER BELTS

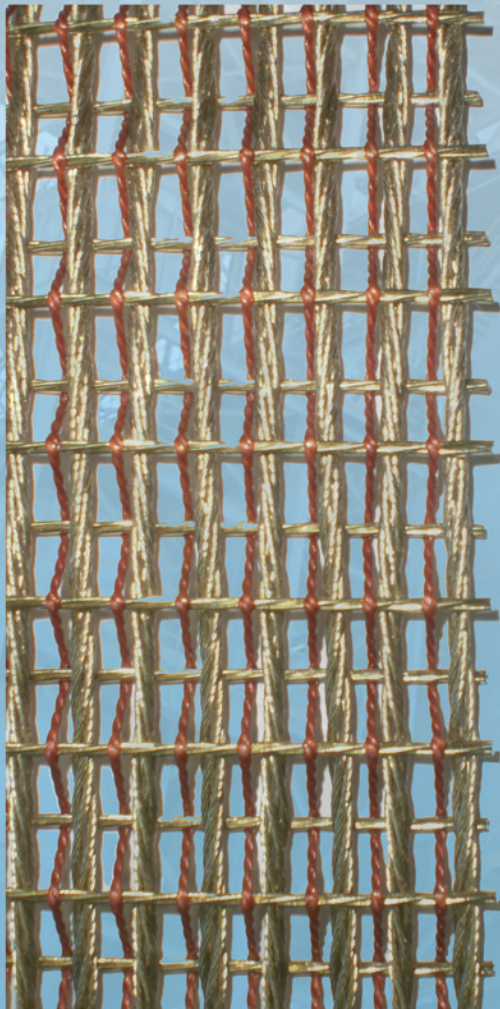
KoWey provides steel cord re-enforced rubber belts in heat resistant qualities for high performance bucket elevators.

There are two qualities available: NT-Quality for bulk material temperatures of up to 90°C in continuous operation with short term peaks of up to 100°C in continuous operation and HT-Quality for bulk material temperatures of up to 130°C in continuous operation with short term peaks of up to 150° Celsius.

The rubber layers protect the internal steel cords against abrasive materials and moisture leading to corrosion. The surface hardness of a new belt is max. 65 Shores when supplied. The lifetime of a belt is determined by the temperature. The hardening process of the rubber surface is accelerated under temperature.

Subsequently, a low bulk material temperature is always favourable for the belt and contributes to a better lifespan.

It is recommended to check the surface hardness of the rubber upon every maintenance stop or at least ones in a year. The belt has to be replaced when the surface hardness exceeds 95 Shores.



The structure of the belt is a steel carcass composed of a strong warp of high-tensile steel cords in longitudinal and transverse direction with elastic modules in special design assuring the straight-run characteristics of the belt and maximum flexibility at the turning pulleys.

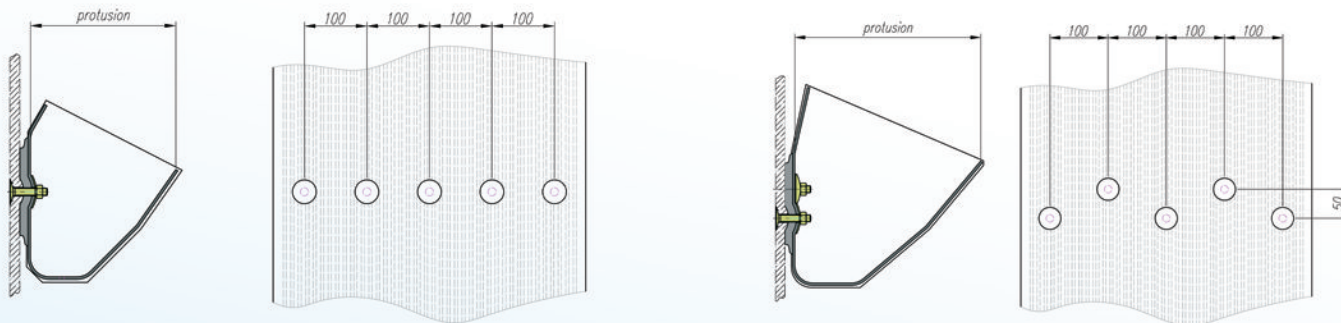
The sophisticated manufacturing process provides an adequate rubber buffer between the steel cords. Ensuring no direct contact between the internal weft steel cords is given.

Two steel wefts from closely arranged steel cables placed on top and bottom cover provide the belt with high transversal stiffness for best running stability. The rigid and stable network structure ensures a high tearing resistance of the individual bucket fixation.

The two belt qualities are available with following nominal tensile strengths: 800, 1250, 1600, 2000, 2250, 2500, 2800, 3000 and 3500 Newton per carrying millimetre belt width.

BUCKET ELEVATORS WITH STEEL CORD RE-ENFORCED RUBBER BELTS

The basic of the KoWey belt is always as described before. However, depending on the belt and bucket fixation of the OEM two different belt designs are available.



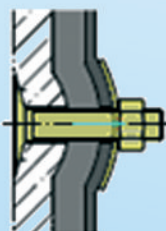
A-Type belt

The rubber layers of the running surface of the belt and the side of bucket fixation are of the same thickness; i.e. either 3 or 4 mm thick depending on the belt quality.

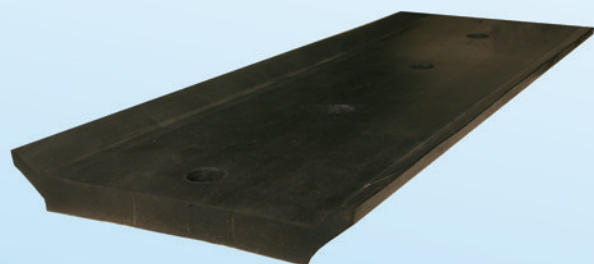


The buckets are being fixed with plate screws M12x60 mm having a forged plate diameter of 38 millimetres. Two forged noses on the inner side of the plate serve as mechanical lock against rotation.

The back plate penetrates into the rubber in a total assuring that no damage shall occur to the rubber friction lining of the drive drum. The rigid and stable network structure inside the belt prevents the fixation screws from being pulled through the belt.

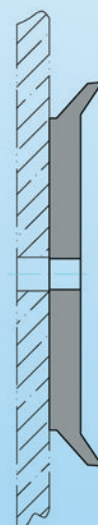


The rear panel of the bucket is equipped with a special shape allowing the belt to absorb the deflection caused by the plate screw.



Flexible bucket distance profile rubber strips with pre-tensioned sealing lips in high-temperature resistant design are attached between the steel cord re-enforced belt and the bucket rear panel in order to prevent bulk material penetrating this area and causing damages to the belt while turning over the pulleys. The height of the rubber strip is 140 or 170 mm depending on the bucket protrusion.

The buckets receive one or two fixation rows with plate screws in order to take-up the bending torque caused by the bucket protrusion. The plate thickness of the bucket is 4 or 5 mm with an additional re-enforcement lip over the whole bucket front for abrasive materials. The chosen shape of the bucket design ensures a residue-free discharge by centrifugal force.



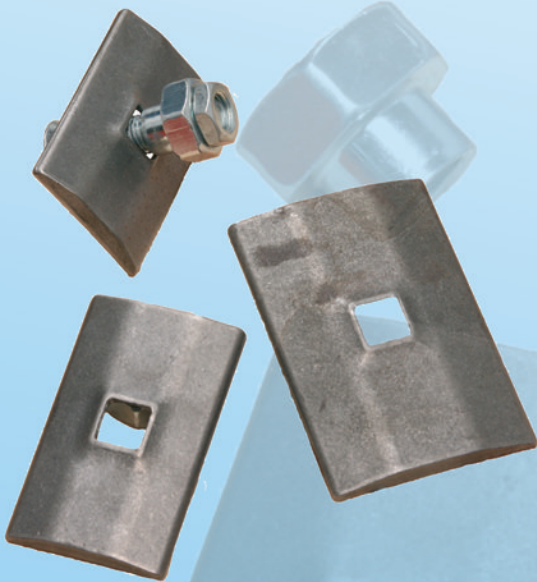
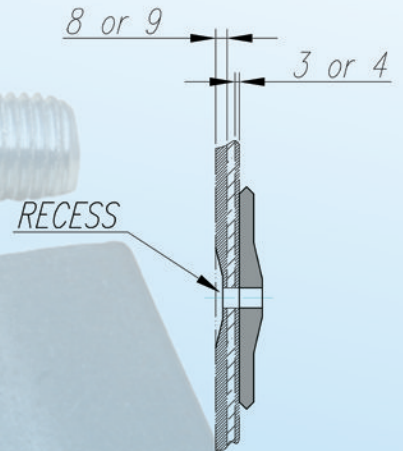
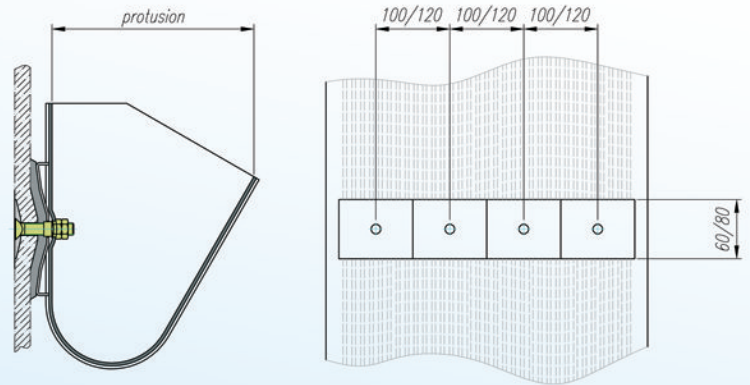
BUCKET ELEVATORS WITH STEEL CORD RE-ENFORCED RUBBER BELTS

B-Type belt

The rubber layers of the running surface of the belt and the side of bucket fixation are designed asymmetrically; i.e. their thickness is deviating depending on the belt strength.

The buckets are attached to the belt by of forged back plates and countersunk head screws using hexagon nuts with a special shoulder.

On the bucket side the rubber is just 3 or 5 mm thick. The running surface of the belt receives a rubber thickness of 8 or 9 mm in order to allow a special recess. This recess takes up the metal back plates in total and allows a smooth contact and stress-free rotation over the drums. The recess is important in order to prevent possible stress inside the belts caused by squeezed steel rope structures.



Bucket distance profile rubber strips are vulcanized on the steel cord re-enforced belt and prevent together with the profiled bucket rear panel bulk material penetrating this area and causing damages to the belt while turning over the pulleys. The rear panel of the bucket is being equipped with a special shape to allow the belt absorbing the deflection caused by the back plates fully penetrating the running surface of the belt.

The buckets are attached by one row of fixation plates. The size of the forged back plates is 60 mm x 99 mm or 80 x 119 mm depending on the bucket width and bucket protrusion.

The plate thickness of the bucket is 4 or 5 mm with additional edges stiffening and straightened border over the whole bucket front for abrasive materials. The chosen shape of the bucket design ensures a residue-free discharge by centrifugal force.



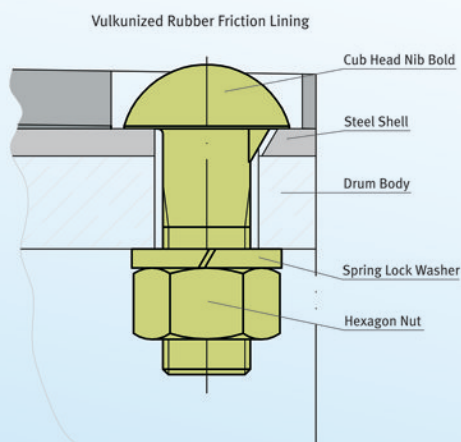
BUCKET ELEVATORS WITH STEEL CORD RE-ENFORCED RUBBER BELTS

KoWey - Drive Drum Friction Lining

The KoWey rubber friction lining for drive drums are characterized by intelligent design at highest quality level.

Highly wear resistant rubber vulcanized on steel shells provides a long lasting performance. The segmented supply makes replacement work very easy and efficient.

The surface from special pattern allows fine and abrasive bulk material to drain off without causing damage to the friction lining or the belt surface.



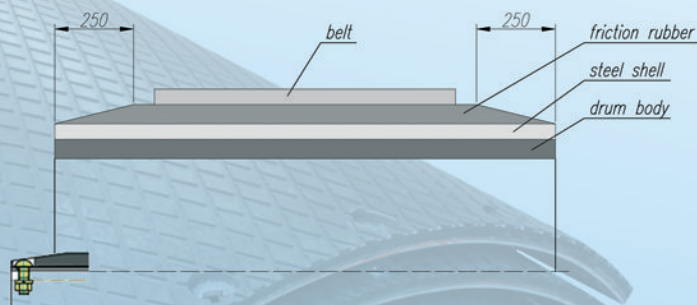
Bucket Elevator with steel cord re-enforced rubber belts

The special design of the fixation holes permits an easy and quick assembly by means of cup head nib bolts.

The basic of the KoWey drum friction lining is always as described above. However, depending on the belt and bucket fixation two different drum designs are available.

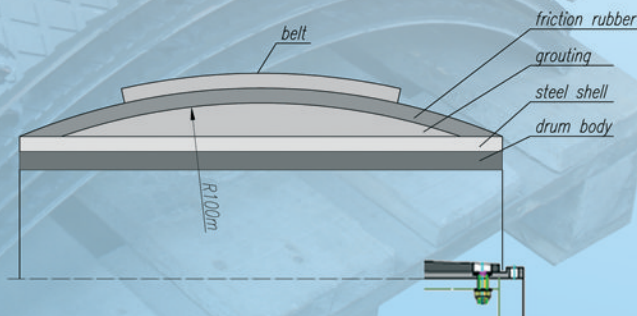
A-Type lagging

This type of rubber friction lining is centralizing the steel cord belt by a trapezoidal drum shape achieved by a special grouting from hard plastics. (Please refer to illustration on the right side)



B-Type lagging

This type of rubber friction lining is centralizing the steel cord belt by a belly drum shape achieved by a special grouting from hard plastics. Its radius is to 100 meter. (Please refer to illustration on the right side)

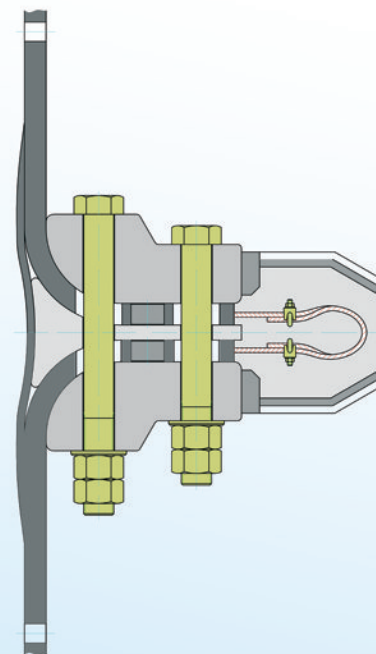


KoWey clamping connection

The clamping connection is as important as the belt strength itself. KoWey clamping connections are designed according to the latest technologies utilizing light weight materials providing high-tensile strength.

The three-partite connection for closing the belt ends is made from aluminium profiles. The holes for installation and the high-tensile connection screws, nuts and washers are provided. Similar the casting compound box, the rope clamps and the special compound from resin to seal the rope ends.

The belt end preparation at site and the final assembly of the clamping connection has to be performed or supervised by our Engineer.



The holes for the bucket fixing screws are punched accurately in an assembly line. The traction ropes cut during the process will not be considered for calculation of the belt strength. With regard to bolted end-to-end joint, the belt ends are provided with holes for the belt clamping connection.

How to calculate the belt strength?

Take a bucket elevator with a bucket 800/320 employing a steel cord re-enforced rubber belt HT12 with a nominal tensile strength of 1250 N/mm carrying width. Although the belt width is 850 mm, the carrying width is 800 mm only since all belt have 25 mm edge protection at either side. This edge protection is steel cord free. The bucket needs 7 bolts in a distance of 100 mm to be fixed to the belt. The punched holes have a diameter of 12 millimetres only. However, for safety reasons, we do consider a hole of 25 millimetres.

Calculation (example only):

The carrying width:	$850 \text{ mm} - 2 \times 25 \text{ mm} - 7 \times 25 \text{ mm} = 625 \text{ mm}$
The actual belt tensile strength:	$625 \text{ mm} \times 800 \text{ N/mm} = 500 \text{ kN}$
Considering an actual belt hoist of 58,5 kN the belt safety would be:	$500 \text{ kN} : 58,5 \text{ kN} = 8,55 \text{ -fold}$

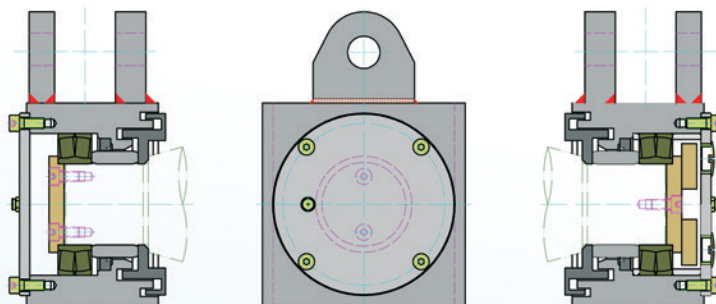
Block Bearings for Tail Axle

KoWey provides block bearings for the tail axle of tensioning bar drums in different designs. Depending on the parallel guidance of the block and the mode of lubrication two types are available.

A-Type bearing (grease lubrication)

The machined block receives two brackets for the connection with the spindles of the parallel tension system.

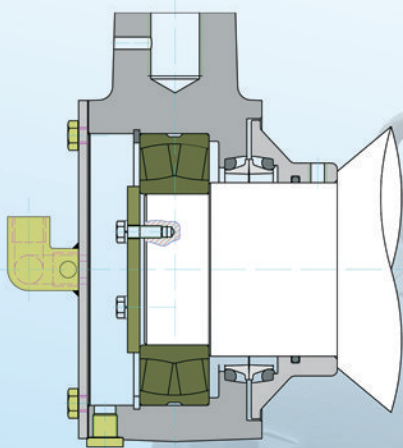
The single pendulum roller bearing accommodates the tail axle end. The sealing of the block attained by a special labyrinth sealing; available in single or double labyrinth design.



B-Type bearing (oil lubrication)

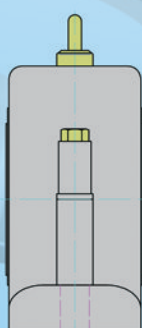
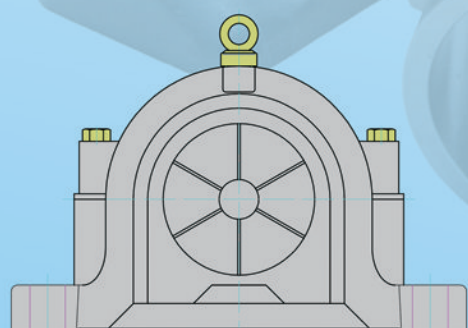
The machined block receives a special thread for the connections with the parallel tensioning system.

The single pendulum roller bearing accommodates the tail axle end. The sealing of the block is effected by a special labyrinth sealing; available in single or double labyrinth design.



Pillow Block Bearing for Drive Shafts

All types and brands can be provided in very short delivery periods and with attractive price levels.



KoWey provides chains for high performance bucket elevators. The chain is arranged at a central position behind the buckets and provides a close bucket arrangement for direct feed and continuous discharge of the bulk material.

The chains are designed for heavy duty applications and for centre to centre decencies from just 10 m to beyond 60 meters.

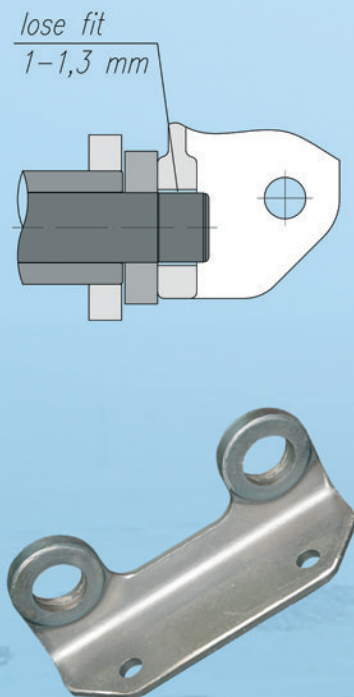
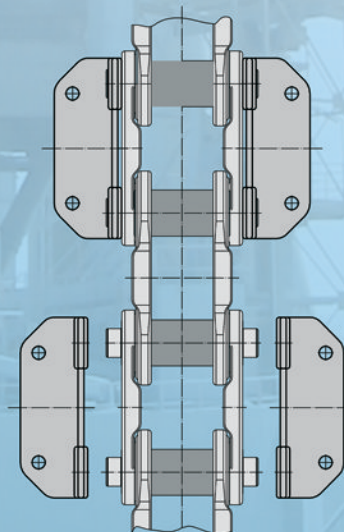
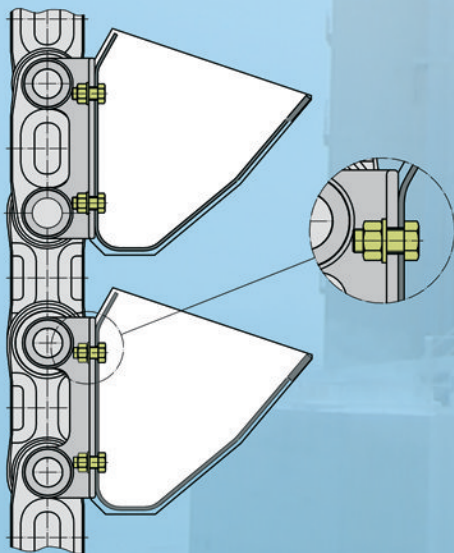
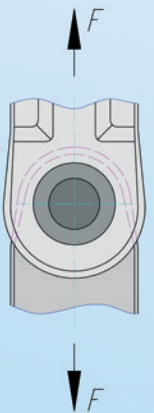
The torque transmission between the non-toothed drive ring and the chain strand is effected by means of friction only. Thus the elevator can operate at velocities of up to 2 meter a second.

The lifetime of a chain is not determined by the tensile strength. The tensile strength is important for the operation safety.

The lifetime of a chain is determined by the surface pressure between the pin and the bush. All loads have to be taken up here and the surface hardened areas have to absorb the friction while turning over the ring and sprocket.

Our chains are characterized by huge bearing surfaces between the chain bush and pin taking up the huge loads. The admissible surface pressure for our chains verifies from 25 to 30 N/mm² depending on the chain size.

The buckets are fixed to the chain by angular chain brackets. The chain brackets are fit to the elongated chain bolts by means of a loose fit allowing a tolerance of +1,0 to +1,3 mm in a new condition. This loose fit absorbs the vibrations caused by flat link plates carrying over a circular ring; the so-called "polygon effect". Bigger chain pitches and smaller ring diameters cause higher vibrations. By absorbing these vibrations, cracks in the bucket rear panel and/or welding seams of the bucket are avoided.



Depending on the required centre to centre distance and conveying capacity different chain are available.

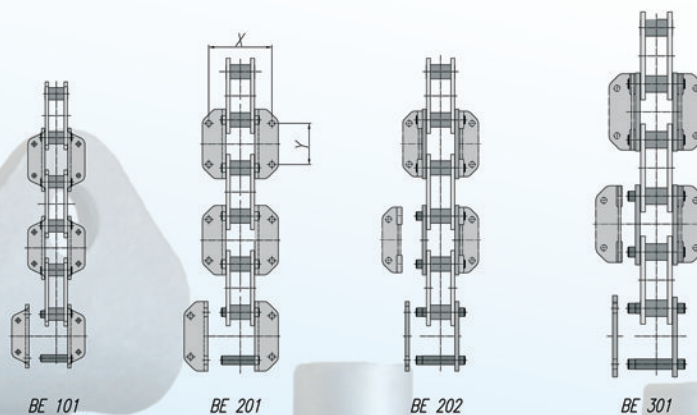
KOWEY STEEL FABRICATED CHAINS

KoWey Chain	Pitch [mm]	inner width [mm]	bush- \emptyset [mm]	tensile strength [kN]	bearing surface [mm]	admissible pressure [N/mm]	X [mm]	Y [mm]
BE 101	140,0	50	38	440	1750	25	140	100
BE 201	152,4	65	45	625	2400	25	200	130
BE 202	152,4	65	45	625	2400	25	200	130
BE 301	177,8	70	52	800	3200	25	250	150

The steel fabricated chains are divided in two types.

Steel fabricated chain with bent outer links to accommodate the buckets for velocities of up to 1,2 meter per second.

Steel fabricated chain with lose angular chain brackets to accommodate the buckets for huge capacities and velocities of up to 2 meter a second.



KOWEY FORGED CHAINS

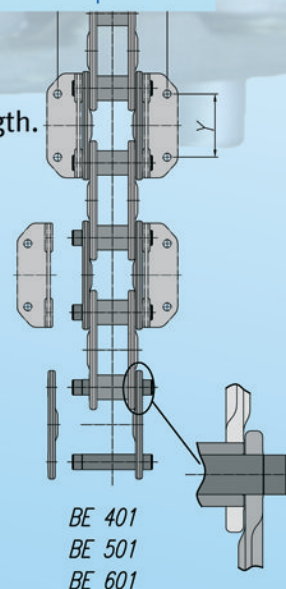
KoWey Chain	Pitch [mm]	inner width [mm]	bush- \emptyset [mm]	tensile strength [kN]	bearing surface [mm]	admissible pressure [N/mm]	X [mm]	Y [mm]
BE 401	177,8	75	58	900	3650	25	250	150
BE 501	177,8	90	63	1140	5000	25	300	150
BE 601	177,8	100	71	1420	6200	25	300	150

The chain links are drop forged from high alloy steel and finally prepared on a machining centre. The tight press fit of up to -0,3 mm between the link plates and bush, respectively link plates and extended bolt ensure the operation safety and allows the high tensile strength.

The chain bushes and bolts receive a special surface hardening of 60 \pm 2 HRC with a hardening depth of up to 2,8 mm for the bolt and 5,5 mm for the bush. The strands are pre-assembled with the aid of a special tension device in order to maintain smallest tolerances in alignment for twist-free operations.

The drop forged angular chain brackets are machined to the required size and tolerances. The hole for the connection to the extended chain pin is surface hardened to 60 \pm 2 HRC with a hardening depth of up to 2-3 millimetres.

The outer running surfaces of the plate link are enlarged for optimum load distribution at the drive ring.



KOWEY FORGED CHAINS WITH LABYRINTH SEALING

KoWey Chain	Pitch [mm]	inner width [mm]	bush- \varnothing [mm]	tensile strength [kN]	bearing surface [mm]	admissible pressure [N/mm]	X [mm]	Y [mm]
BE 403	177,8	70	58	1200	4000	30	250	150
BE 503	177,8	85	63	1500	5100	30	300	150
BE 603	177,8	95	71	1800	6400	30	300	150

The chain links are drop forged from high alloy steel and finally prepared on a machining centre. The tight press fit of up to $-0,3$ mm between the link plates and bush, respectively link plates and extended bolt ensures the operation safety and allows the high tensile strength.

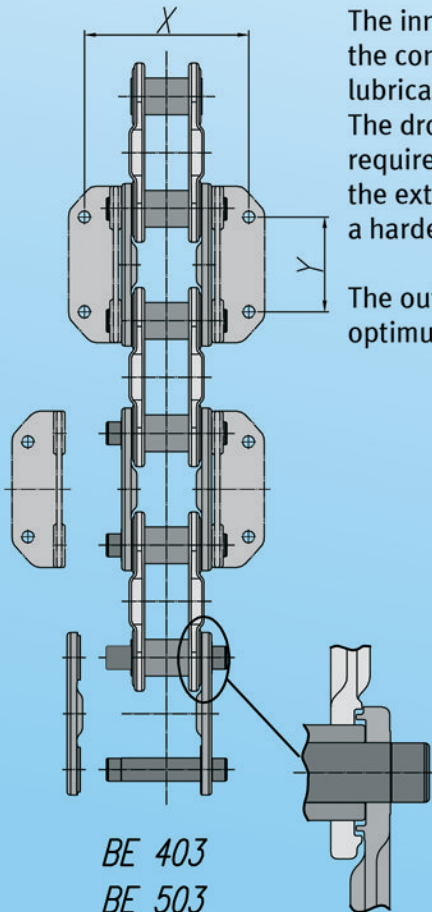
The chain bushes and bolts receive a special surface hardening of 60 ± 2 HRC with a hardening depth of up to 2,8 mm for the bolt and 5,5 mm for the bush.

The strands are pre-assembled with the aid of a special tension device in order to maintain smallest tolerances in alignment for twist-free operations.

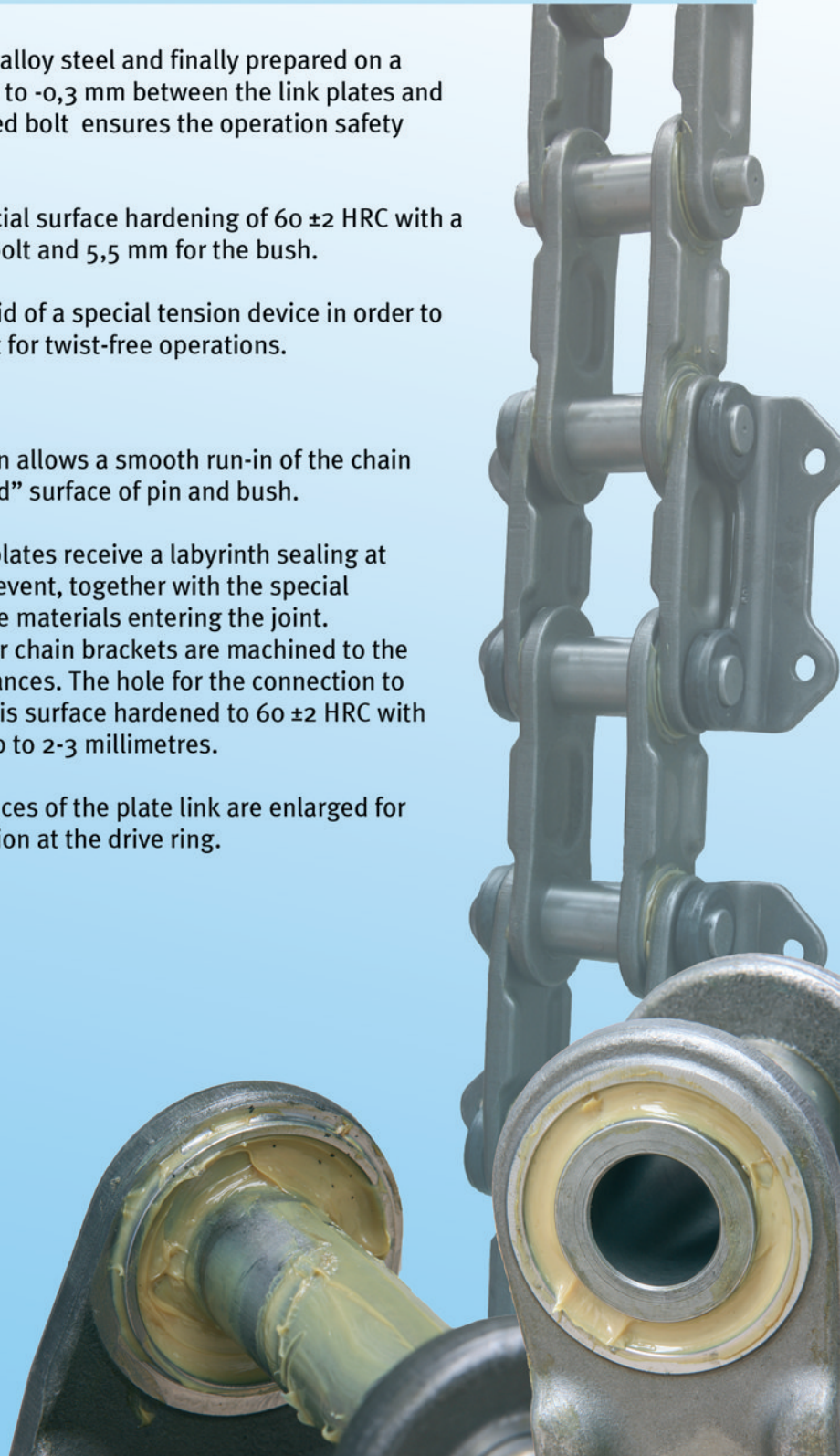
A special pre-lubrication allows a smooth run-in of the chain and leads to a "polished" surface of pin and bush.

The inner and out link plates receive a labyrinth sealing at the contact side and prevent, together with the special lubricant, dusty and fine materials entering the joint. The drop forged angular chain brackets are machined to the required size and tolerances. The hole for the connection to the extended chain pin is surface hardened to 60 ± 2 HRC with a hardening depth of up to 2-3 millimetres.

The outer running surfaces of the plate link are enlarged for optimum load distribution at the drive ring.



BE 403
BE 503
BE 603



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KoWey – Drive rim

The drive torque is transmitted by friction between the drive rim and the chain. The wide cross section of the drive rim with one head and two shoulders is designed for reliable torque transmission at heavy duty applications.

The chosen diameters of the ring are not a multiple of the chain pitch, thus the contact lines are shifting with every rotation. This is important for a unique wear on the circumference of the non-toothed rim.

The drive rims from 42CrMo4 are surface hardened at the head diameter and at the two shoulders carrying the chain links. The surface hardening depth is 5 millimetres.

The rim head and shoulders accommodate the chain bush and the chain links at three contact points for equal load distribution. The rims are divided into segments for fast and easy replacement without opening the chain strand or disassembling the drive shaft respectively.

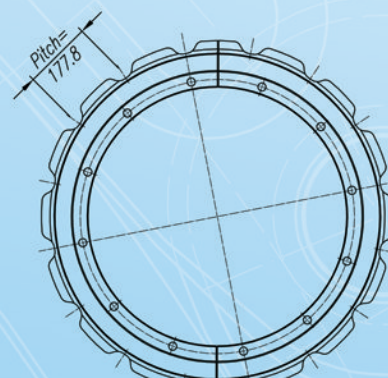
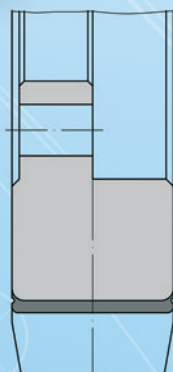
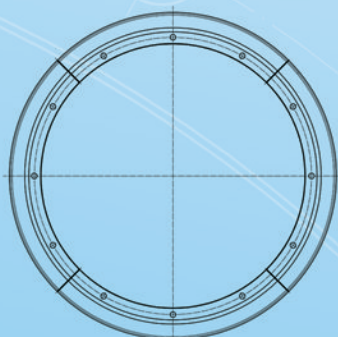
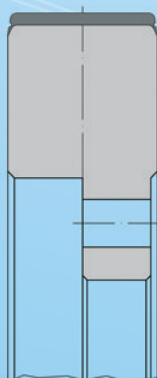
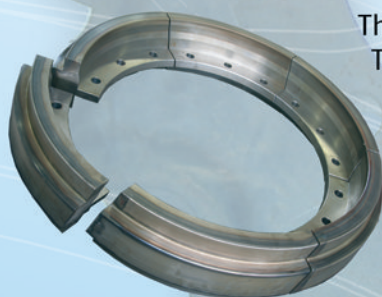
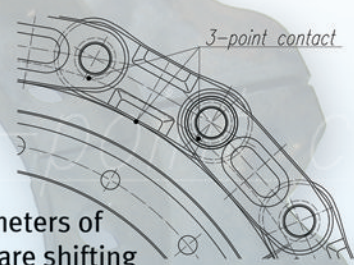
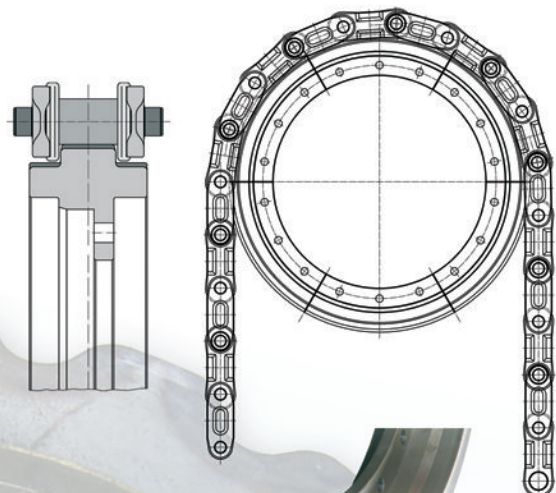
KoWey – Take up rim / sprocket

The take-up rim is available in a toothed or non toothed design. The chosen diameters of the non-toothed ring are not a multiple of the chain pitch, thus the contact lines are shifting with every rotation. This is important for a unique wear on the circumference of the non-toothed rim.

The rim and sprockets from 42CrMo4 are surface hardened. The surface hardening depth comes to 5 millimetres.

The rims and sprockets are divided into segments for fast and easy replacement without opening the chain strand or disassembling the take-up respectively.

The high-tensile fixing materials belong always to our scope of supplies.



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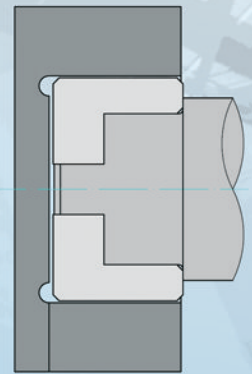
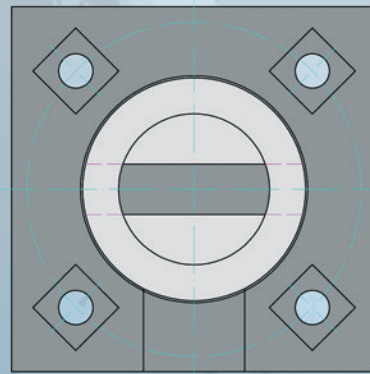
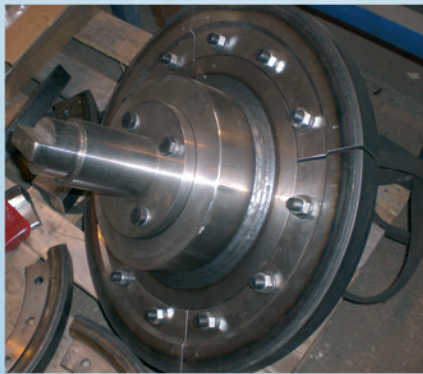
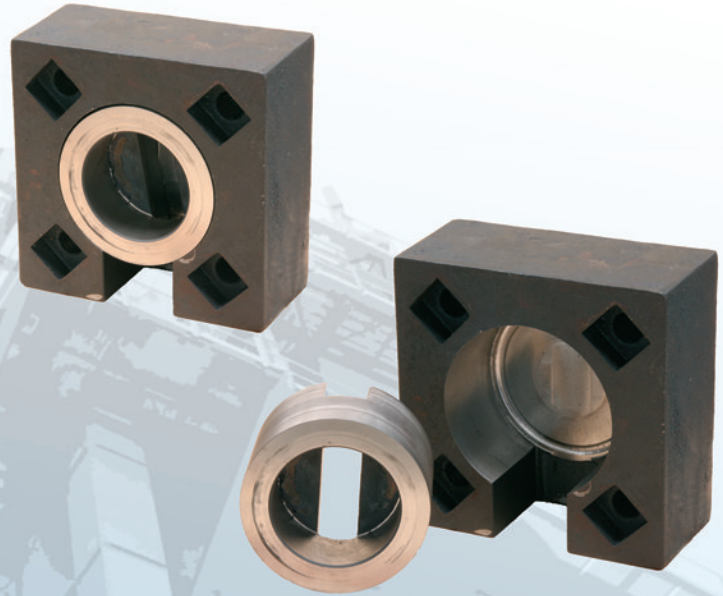
Friction Bearings for Tail Axle

KoWey provides friction bearings for the tail axle in highly wear resistant design.

The housing and bush from Ni-Hard contact in a loose fit in order to allow penetrated dust and fine materials to escape from the housing.

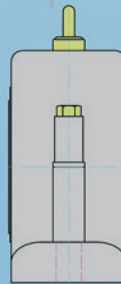
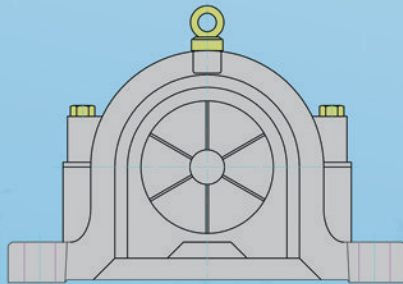
The bush has got diameters of 74,5 mm inside and 110 mm outside.

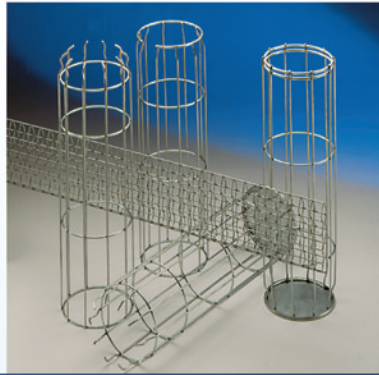
The torque is transmitted of a mechanical locking system.



Pillow Block Bearings for Drive Shafts

All types and brands can be provided in very short periods with most attractive price levels.

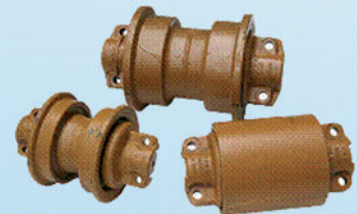




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