



***BUSINESS - SPECIFIC
SOLUTIONS***

www.g-roll.eu



REFERENCES





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ABOUT US

▶ G-Roll company has launched in Plovdiv and has been providing fast, efficient and feasible solutions to costumers for dynamic and static racks, conveyors and internal logistic solutions.

▶ G-Roll offers unique and flexible solutions with its high quality products not only in Europe but also all around the world. Our priority is to serve our customers worldwide quality standart.

▶ G-Roll's products have ISO 9001 : 2015 quality management system certificate.

Products:

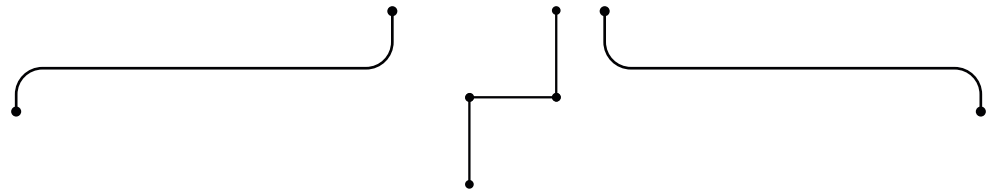
Dynamic Racks
Static Racks
Conveyors
Intralogistics

PIPE RACKS





G-PK-28-t-X



PIPES

PK: Plastic Coated
KK: Chrome Coated
GK: Zinc Coated

THICKNESS

12 - t 1.2
15 - t 1.5
20 - t2.0

COLOR

| | | |
|--|--------|-----|
| | Ivory | Km |
| | Green | Yl |
| | Grey | Gr |
| | Red | Kr |
| | Blue | Mv |
| | Black | Sh |
| | White | Bz |
| | Yellow | Sr |
| | Black | ESD |

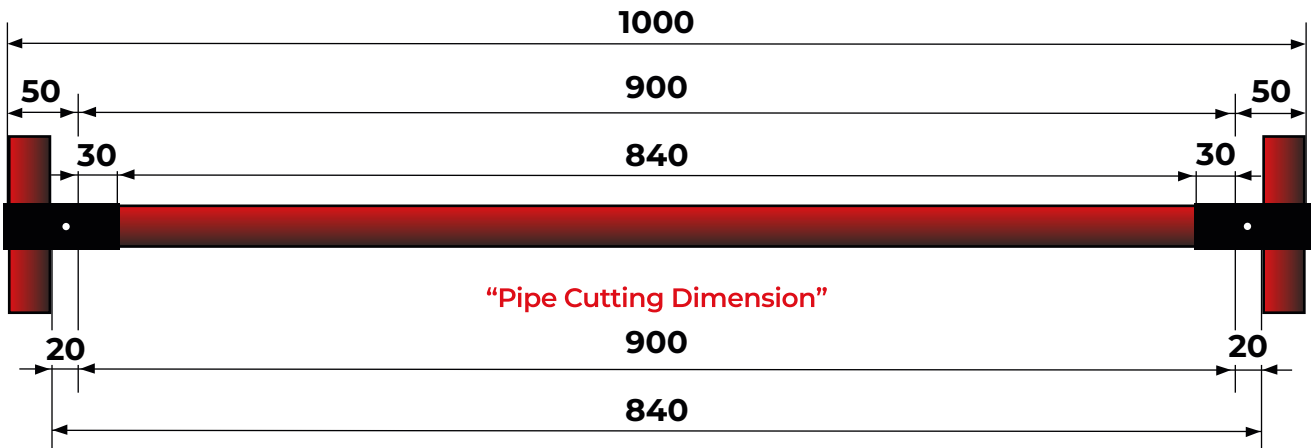


The pipes should fit into the joints



In order to proper pipe fitting, the correct joint should be chosen

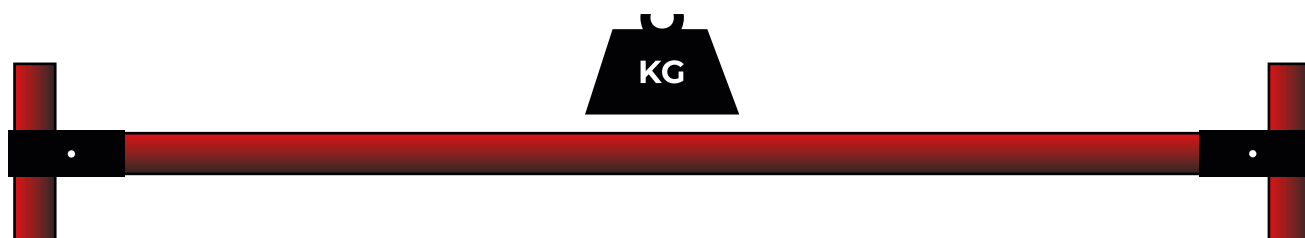
PIPE SIZING



Unit of Measure mm



TABLE OF LOAD - CARRYING



| PIDE | Length (mm) | Plastic Deformation (mm) | Total Bending (mm) | Weight (kg) |
|----------|-------------|--------------------------|--------------------|-------------|
| GPK 2812 | 1000 | 0 | 15 | 105 |
| | 1000 | 5 | 20 | 160 |
| GPK 2815 | 1000 | 0 | 15 | 125 |
| | 1000 | 5 | 20 | 165 |
| GPK 2820 | 1000 | 0 | 15 | 145 |
| | 1000 | 5 | 20 | 175 |
| GTB 2820 | 1000 | 0 | 15 | 175 |
| | 1000 | 5 | 25 | 215 |
| GKK 2812 | 1000 | 0 | 15 | 145 |
| | 1000 | 5 | 25 | 185 |
| GKK 2815 | 1000 | 0 | 15 | 170 |
| | 1000 | 5 | 25 | 210 |



| Connector Set | Pipe | Y (kg) | X-1 (kg) | X-2 (kg) | X-3 (kg) |
|---------------|----------------|--------|----------|----------|----------|
| BT01 | Chrome Coated | 70 | 60 | | |
| BT01 | Plastic Coated | 200 | 90 | | |
| BT02 | Chrome Coated | 70 | 30 | 30 | |
| BT02 | Plastic Coated | 200 | 60 | 60 | |
| BT03 | Chrome Coated | 70 | 30 | 30 | 30 |
| BT03 | Plastic Coated | 200 | 60 | 60 | 60 |
| BT04 | Chrome Coated | 70 | 30 | 30 | |
| BT04 | Plastic Coated | 200 | 60 | 60 | |



Ø 28 METAL JOINTS

BBE 06



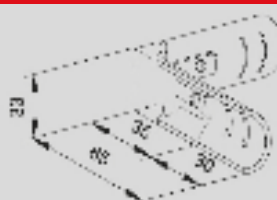
BBE 06 42



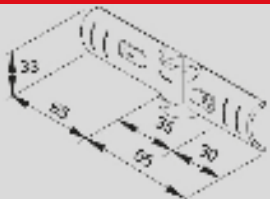
BBE 07



BBE 08



BBE 09



BBE 10



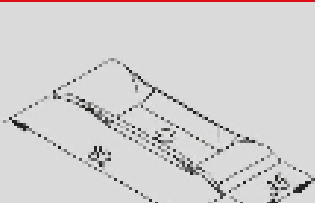
BBE 11



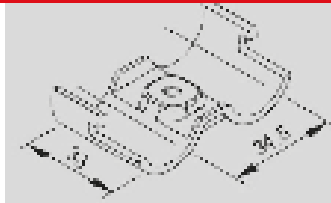
BBE 12



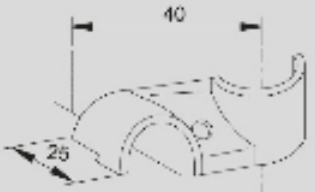
BBE 13



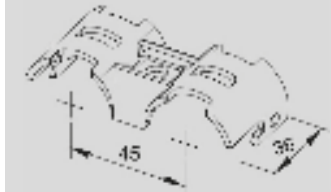
BBE 21



BBE 20



BBE 22



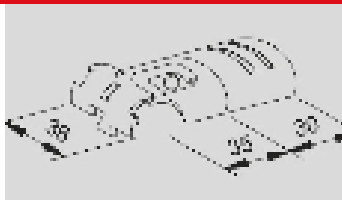
BBE 22 TK



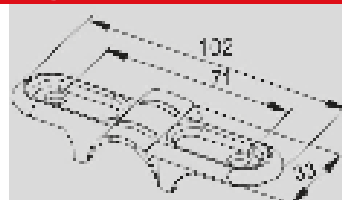
BBE 23



BBE 24



BBE 25



BBE 26



BBE 27



BBE 30A



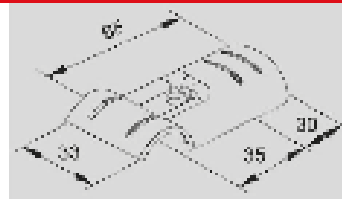
BBE 30B



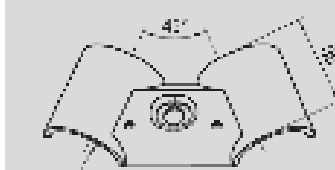
BBE 32



BBE 33



BBE 34



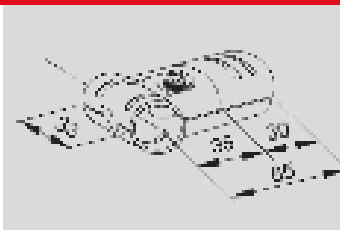
BBE 35



Ø 28 METAL JOINTS

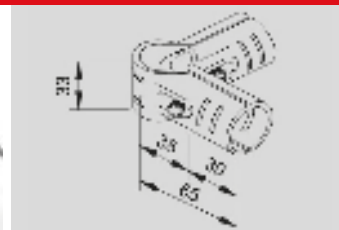
BT 01

BBE 06: 2 PCS



BT 02

BBE 07-08: 1 PCS



BT 03

BBE 08: 2 PCS BBE 09: 1 PCS



BT 04

BBE 09: 2 PCS



BT 05

BBE 08: 4 PCS



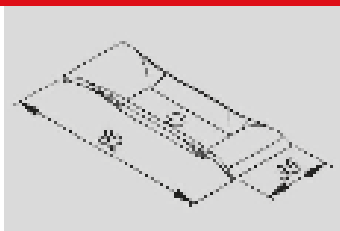
BT 06

BBE 10-11: 2 PCS



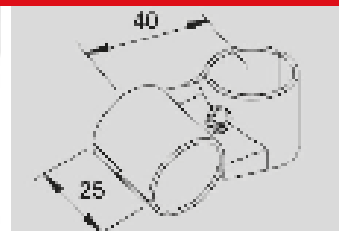
BT 07

BBE 12: 1 PCS BBE 13: 1 PCS



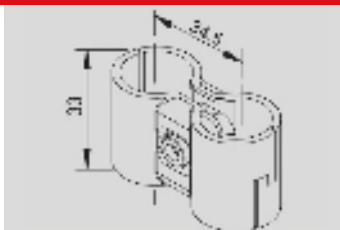
BT 08

BBE 20: 2 PCS



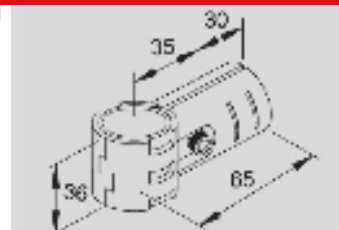
BT 09

BBE 21: 2 PCS



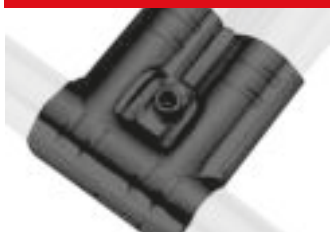
BT 10

BEE 24: 2 PCS



Ø 28 METAL JOINTS

BT 11



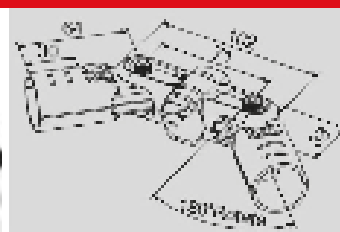
BBE 23: 2 PSC



BT 12



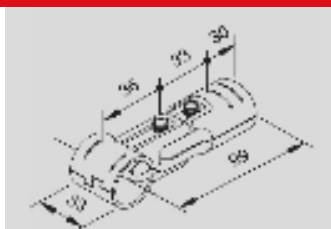
BBE 11: 4 PCS - BBE 25: 2 PCS



BT 13



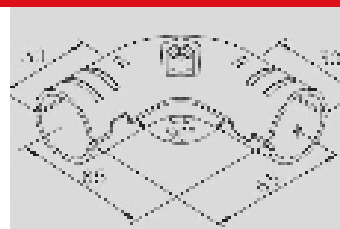
BBE 26-27 1 PCS



BT 14



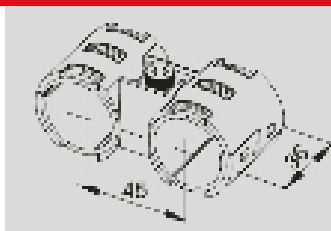
BBE 32: 2 PCS



BT 15



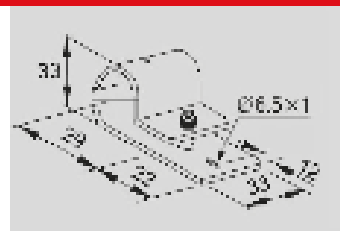
BBE 22: 2 PCS



BT 16



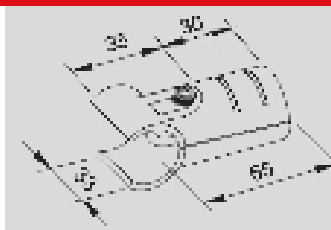
BBE 30A - 30B: 1PCS



BT 17



BB 33: 2 PCS



BT 18



BBE 34:2 PCS

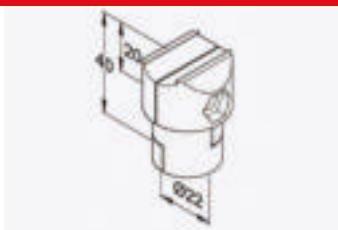


BT 77

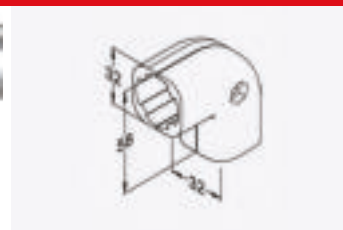


ALUMINUM PIPE & JOINTS

AL - 01



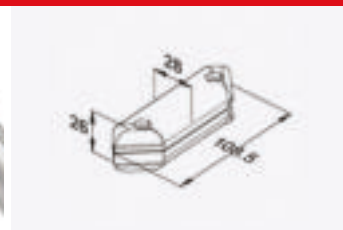
AL - 02



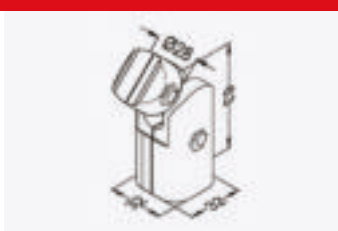
AL - 03



AL - 04



AL - 05



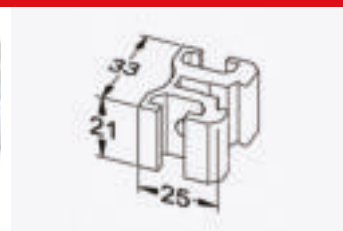
AL - 07



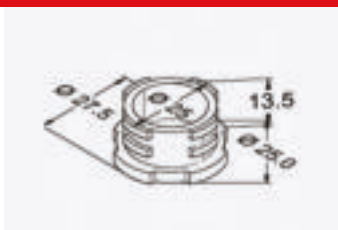
AL - 09



AL - 15



AL - 26

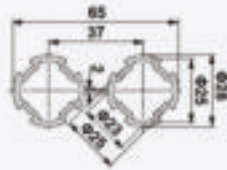


AL - 2817

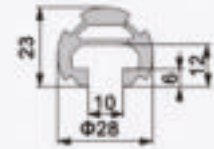


ALUMINUM PIPE & JOINTS

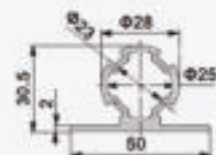
AL - B



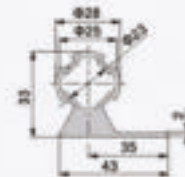
AL - C



AL - K

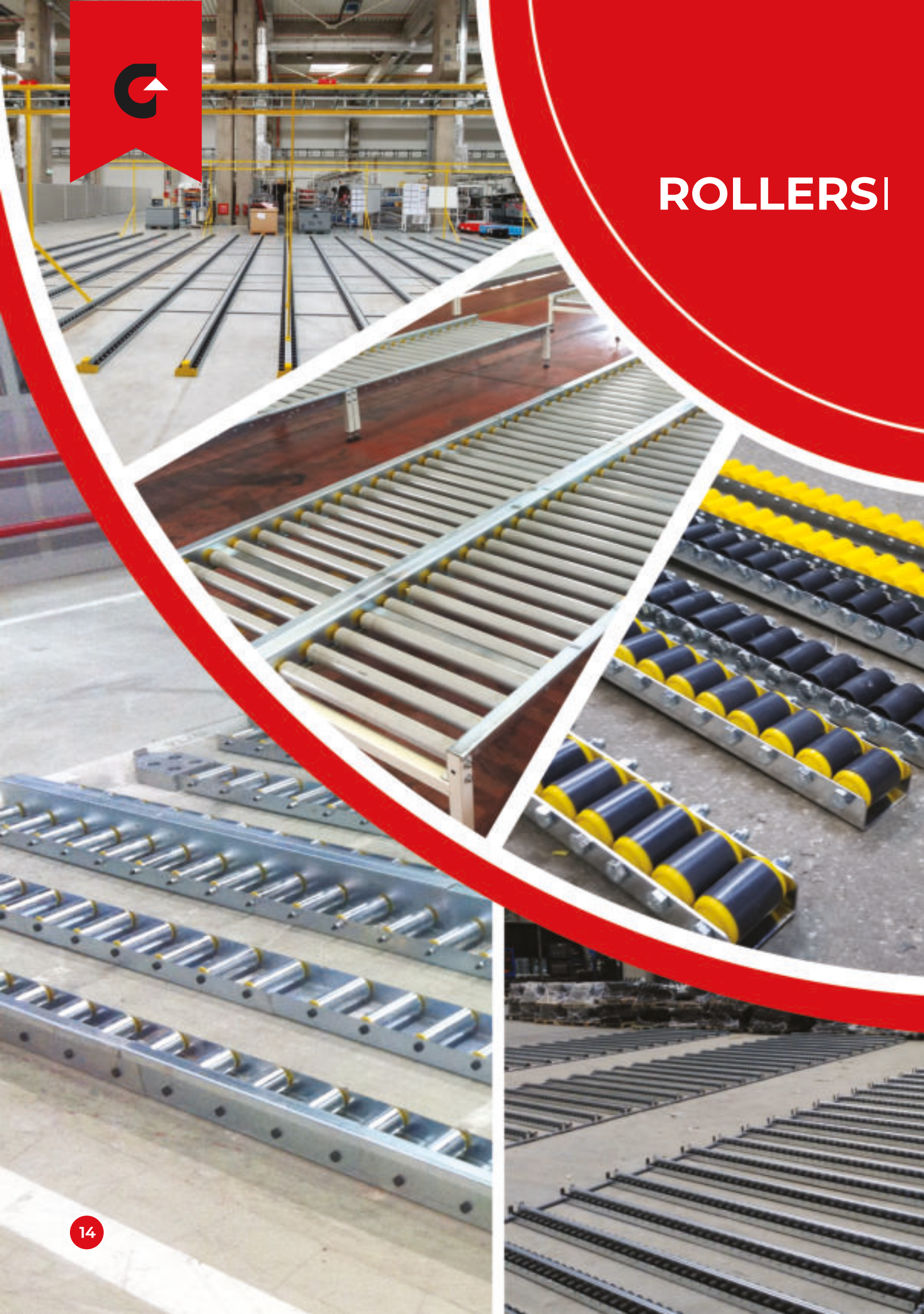


AL - L





ROLLERSI



ROLLERS

BTR 03 Aluminum Body



BTR 03F Aluminum Body



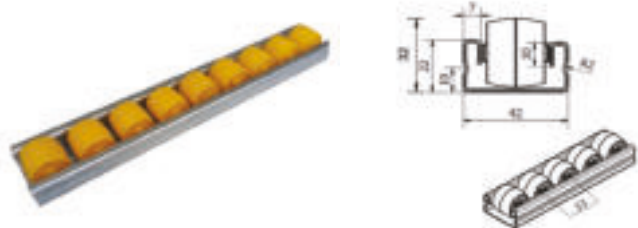
BTR 04 Galvanized Steel Body



BTR 04F Galvanized Steel Body



BTR 05B Galvanized Steel Body



BTR 05D Galvanized Steel Body



BTR 05DP Galvanized Body



BTR 06 Powder Coated Steel Body

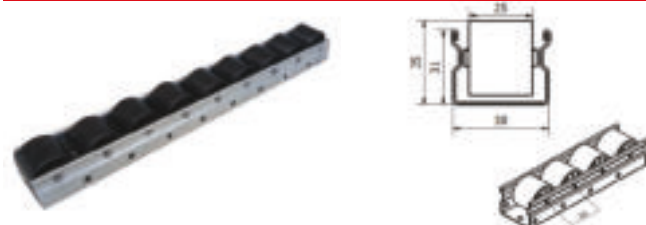


“Polyurethane Roller”

BTR 06F Powder Coated Steel Body



BTR 07 Galvanized Body

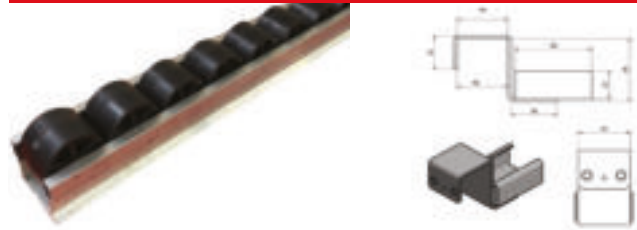




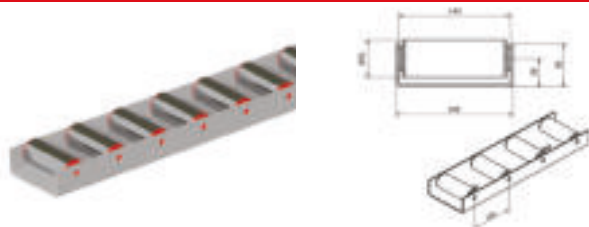
BTR 08 Aluminum Body



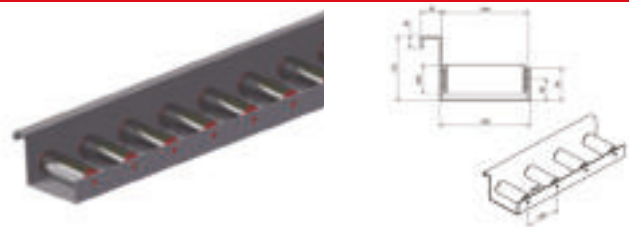
BTR 09 Aluminum Body (Spline Roller)



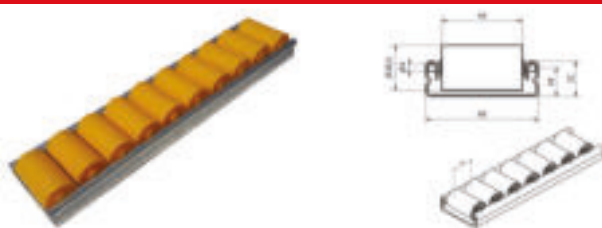
BTR 10 Galvanized Steel Body



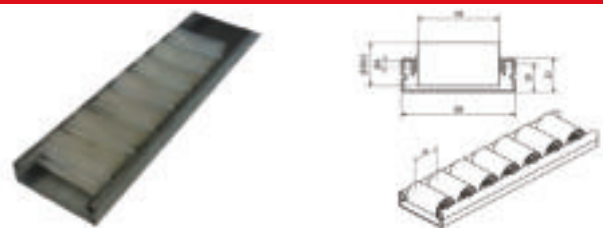
BTR 10F Galvanized Steel Body



BTR 11 Galvanized Body



BTR 11P Galvanized Steel Body



BTR 11W Galvanized Steel Body



"Polyurethane Roller"



Every roller type has ESD option

CAPACITY

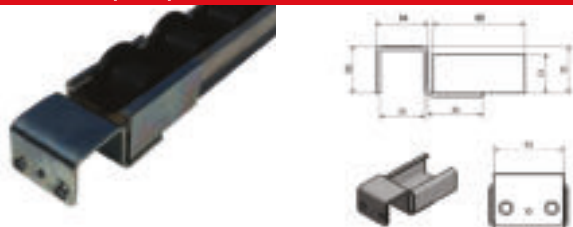
These loads are applied according to the load distributed on the two rollers.

| Code A (mt) | BTR 03 | BTR 03F | BTR 04 | BTR 04F | BTR 05F | BTR 05B | BTR 06 | BTR 06F | BTR 09 | BTR 010 | BTR 11 |
|----------------|--------|---------|--------|---------|---------|---------|--------|---------|--------|---------|--------|
| 1 | 20 kg | 20 kg | 50 kg | 50 kg | 20 kg | 20 kg | 50 kg | 50 kg | 25 kg | 1000 kg | 40 kg |
| 1,5 | 15 kg | 15 kg | 35 kg | 35 kg | 15 kg | 15 kg | 35 kg | 35 kg | 20 kg | 750 kg | 30 kg |
| 2 | 10 kg | 10 kg | 25 kg | 25 kg | 10 kg | 10 kg | 25 kg | 25 kg | 15 kg | 500 kg | 20 kg |



METAL AND PLASTIC ACCESSORIES

BTRT 01 (Ø28) / Suitable for BTR 03-07-08-09



BTRT 01Y (Ø28) / Suitable for BTR 03-07-08-09



BTRT 02 (Ø28) / Suitable for BTR 03-07-08-09



BTRT 03 (Ø28) / Suitable for BTR 03-07-08-09



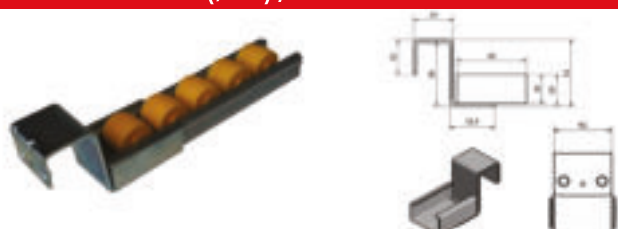
BTRT 04 (Ø28) / Suitable for BTR 03-07-08-09



BTRT 05 (Ø28) / Suitable for BTR-05



BTRT 05Y (Ø28) / Suitable for BTR 05



BTRT 06 (Ø28) / Suitable for BTR-05



BTRT 07 (Ø28) / Suitable for BTR-05



BTRT 08 (Ø28) / Suitable for BTR-05



METAL AND PLASTIC ACCESSORIES

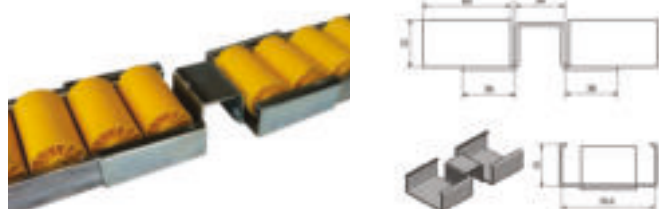
BTRT 20 (Ø28) / Suitable for BTR-11



BTRT 21 (Ø28) / Suitable for BTR-11



BTRT 23 (Ø28) / Suitable for BTR-11



BTRT 0545 (45'lik Sigma) / Suitable for BTR-05



BTRT 0545Y (45'lik Sigma) / Suitable for BTR-05



BTRT 1145 (45'lik Sigma) / Suitable for BTR-11



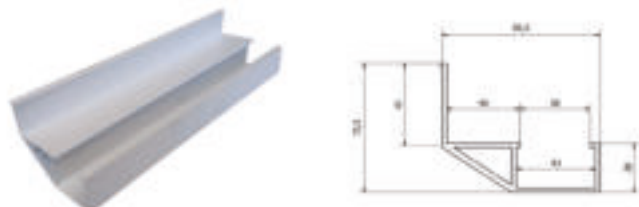
SPR 01 / Seperator



SPR 02 / Seperator



SPR03 - SPR04 Suitable for BTR 05-08



SP 04 (Ø28) Separator Holder





METAL AND PLASTIC ACCESSORIES

T 01 - Ø28 / Plastic Under Cover



T 04 - T 02 Ø28 / Plastic Cover



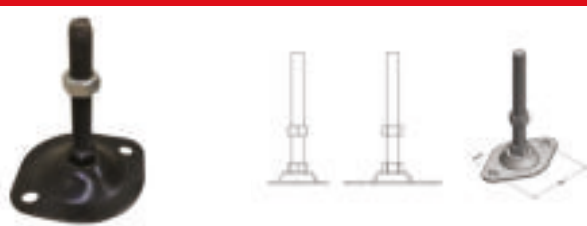
T 05 - T 03 Ø28 Plastic Inside Cover



AY 01 - Leveling Foot



AY 02 - Leveling Foot



KLPY 25 Ø25 - KLP 28 Ø28 / Clip



KLP 25 Ø25 - KLPY 28 Ø28 Klips



C07 - Ø28 Connection Clip



MKLP 01 - Ø28 Metal Clip



MKLP 01 - Ø28 Metal Clip



METAL AND PLASTIC ACCESSORIES

PA 01 - Ø28 Plastic Separator



RE 01 - RE 02 Ø28 / Ø25 Tag Holder for Pie



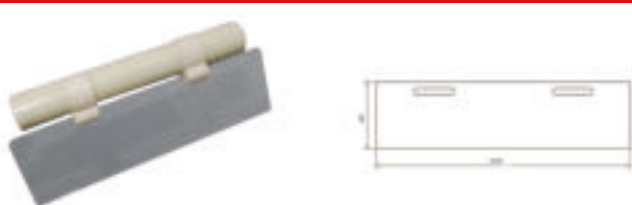
YE 01 - Plastic Tag Holder



REK 01 - REK 02 Ø28 / Ø25 Tag Holder for Pie



SE 01 - Ø28 / Ø25 Tag Holder for Pipe



SEK 01 - Ø28 / Ø25 / Tag Holder for Pipe



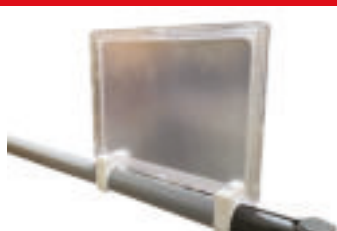
REYA4 - A4 Label



Triangle Type Label Holder For A4 And A5 Papers



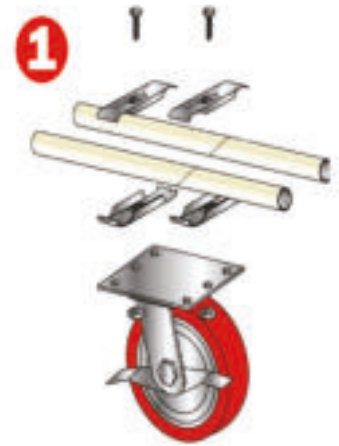
REYA5 - A5 Label




CASTERS

G 3302 PUB

G 3307 PUB

G 3302 PUB F18

G 3602 PUR

G 3602 PUR

G 3602 PUR F18

G 3605 DOR

G 3607 DOR

G 3602 DOR F18

G 3305 SLP F18

G 3305 SLP F18

G 2825 PUB F18

| Seri | mm | KG | mm |
|------|--------------------------|--------------------------|--------------------------|
| PUB | 80 100 125 150 | 125 150 170 300 | 107 130 156 182 |
| PUR | 100 125 150 200 | 200 250 350 500 | 140 166 189 239 |
| DOR | 100 125 150 200 | 200 250 350 500 | 140 166 189 239 |
| SLP | 80 100 125 140 | 50 70 100 115 | 106 125 155 176 |
| MTNB | 80 100 125 | 90 100 110 | 110 132 159 |

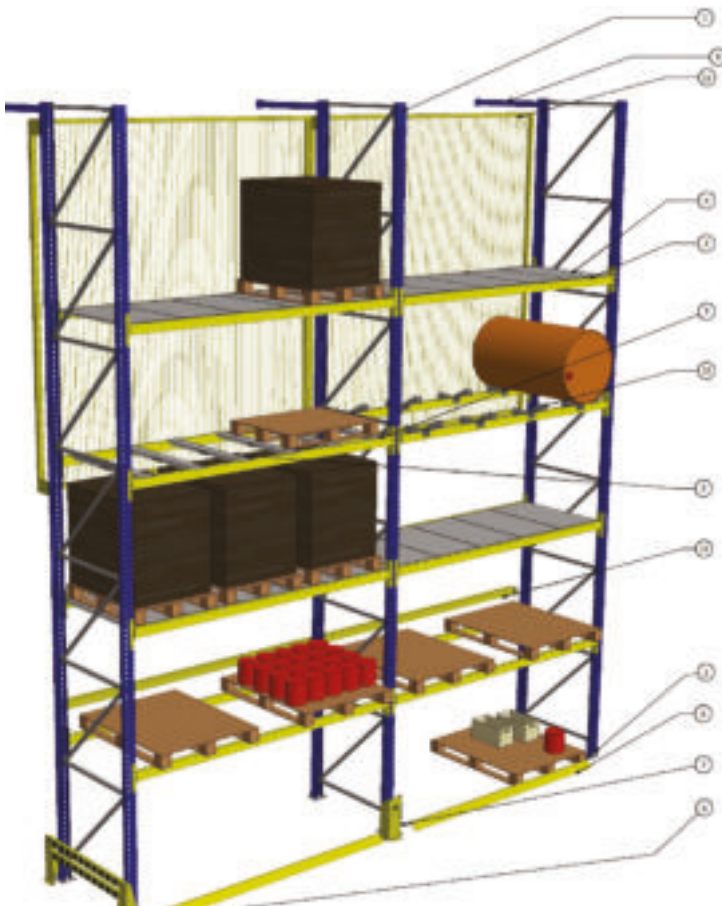


HEAVY DUTY



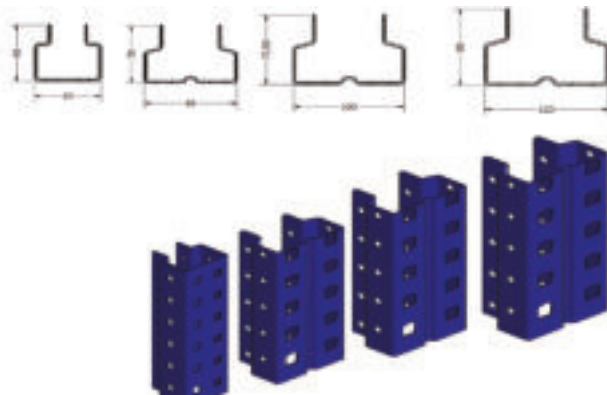


STATIC RACKS



| COMPONENTS | | |
|------------|---|---------------------------------|
| NO | | PRODUCT |
| 1 | > | Metal Frame |
| 2 | > | Metal Frame Pad |
| 3 | > | Beam |
| 4 | > | Galvanized Steel Plate |
| 5 | > | Under Pallet H Security Profile |
| 6 | > | Protective Barrier |
| 7 | > | Metal Frame Protector |
| 8 | > | Forklift Stopper |
| 9 | > | Corridor Connection Profile |
| 10 | > | Barrel Carrier |
| 11 | > | Wire Safety Cage |
| 12 | > | Safety Stop Beam |

1- METAL FRAME



4- GALVANIZED SHEET PLATE



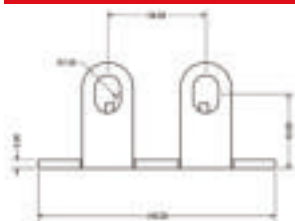
Metal plates which could be positioned over the beams.

5- UNDER PALLET H SECURITY PROFILE

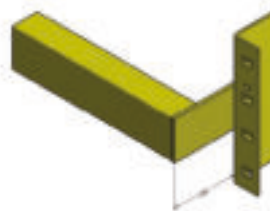


Be placed on the traverses and provides safety connection for pallets. For each pallet, 2 piece is required.

2- METAL FRAME PAD

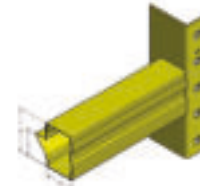
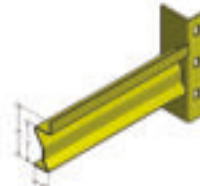
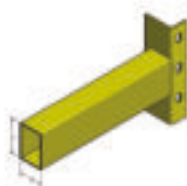
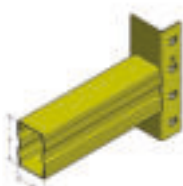
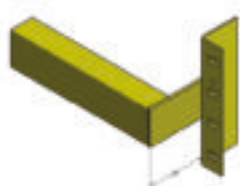


12- SAFETY STOP BEAM



Safety stop traverses uphold the pallets which work as a warning system.

3- BEAMS



“This table is an example table, capacity varies according to sheet metal thickness.”

| Traverse Section BXA | L:1000 | L:1200 | L:1500 | L:2000 | L:2500 | L:2700 | L:3000 | L:3300 |
|-------------------------|----------|----------|---------|---------|---------|---------|---------|---------|
| Kutu 40x80 | 3000 KG | 2500 KG | 2000 KG | 1500 KG | 1200 KG | 1065 KG | 860 KG | 710 KG |
| Kutu 40x100 | 4230 KG | 3530 KG | 2820 KG | 2120 KG | 1695 KG | 1570 KG | 1415 KG | 1255 KG |
| Kutu 40x120 | 5650 KG | 4710 KG | 3770 KG | 2825 KG | 2260 KG | 2095 KG | 1885 KG | 1715 KG |
| Kutu 50x100 | 4900 KG | 4070 KG | 3260 KG | 2445 KG | 1655 KG | 1810 KG | 1630 KG | 1450 KG |
| Kutu 60x120 | 7220 KG | 6020 KG | 4815 KG | 3610 KG | 2890 KG | 2675 KG | 2405 KG | 2190 KG |
| NPI 80 | 5300 KG | 4420 KG | 3535 KG | 2650 KG | 2120 KG | 1880 KG | 1525 KG | 1260 KG |
| NPI 100 | 9325 KG | 7720 KG | 6215 KG | 4665 KG | 3730 KG | 3455 KG | 3110 KG | 2765 KG |
| NPI 120 | 14900 KG | 12420 KG | 9940 KG | 7455 KG | 5965 KG | 5520 KG | 4970 KG | 4515 KG |
| CC 50X80 | 3200 KG | 2700 KG | 2200 KG | 1700 KG | 1400 KG | 1265 KG | 1060 KG | 910 KG |
| CC 50X120 | 7370 KG | 6220 KG | 5015 KG | 3810 KG | 3090 KG | 2878 KG | 2605 KG | 2390 KG |

6-7 PROTECTIVE BARRIERS

Protective barriers protect the racks from the ground level impacts.



AYK 01



AYK 02



AYK 01 - Plastic



STATIC RACKS

8- FORKLIFT STOPPER



It determines the maximum approach distance of loading forklifts to the shelves.

9- CORRIDOR CONNECTION PROFILE



Increases the strength of the racks and provides connection for the intercorridors.

10- BARREL CARRIER

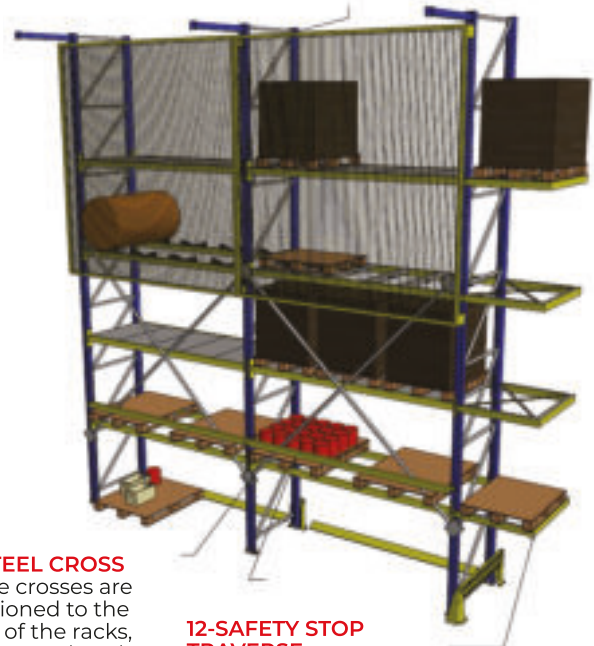


Fastens the rollers and provides the best support by positioning horizontally on the barrel carrier traverses.



11-WIRE SAFETY CAGE

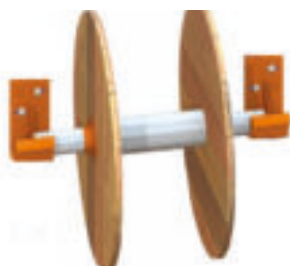
Wire safety cages prevent your products to fall into place



BOBIN CARRIER



Due to the metal shaft, you could store your cylindrical products.



13-STEEL CROSS

These crosses are positioned to the back of the racks, piece together the foots and act as a supporter.

12- SAFETY STOP TRAVERSE

This traverses blocks the pallets or products on the rack to touch the backward.

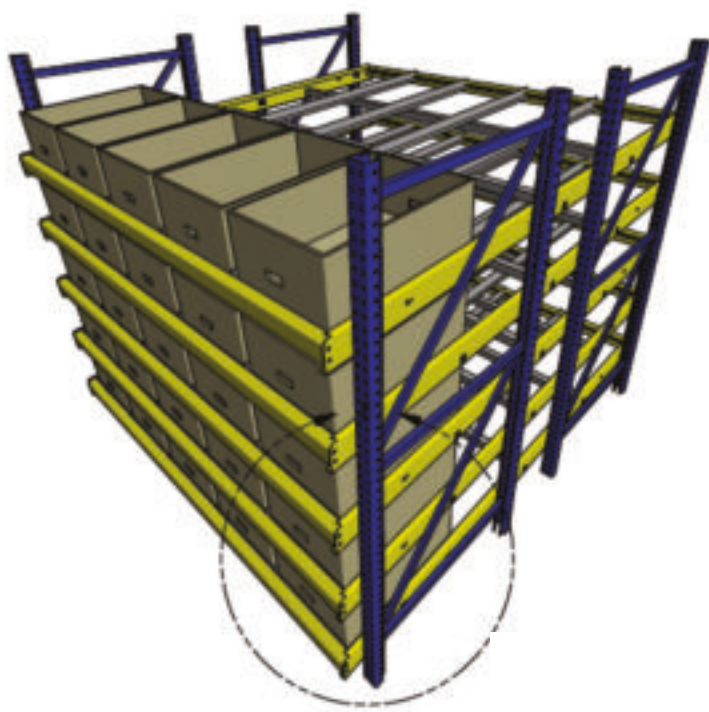
14-PALLET HOLDING STATION

This stations are used to hold the pallets temporarily at the sides of the racks.

Pallet Holding Station

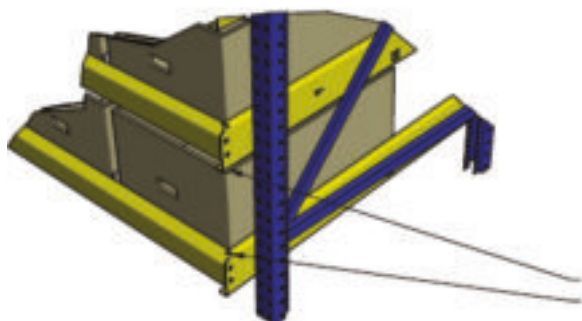
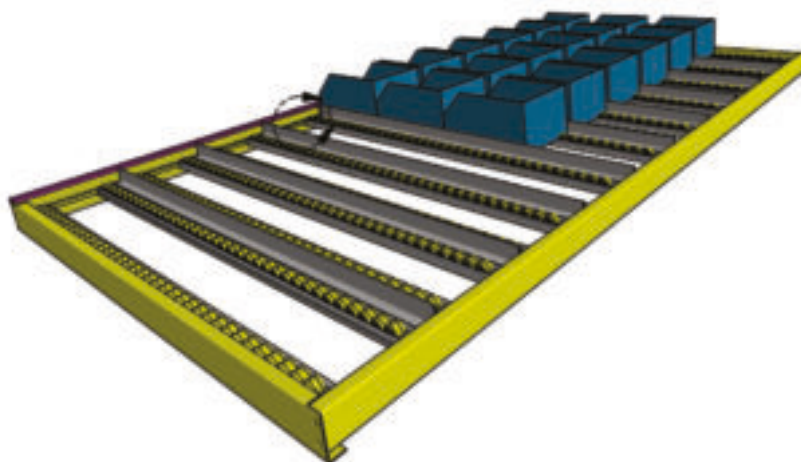
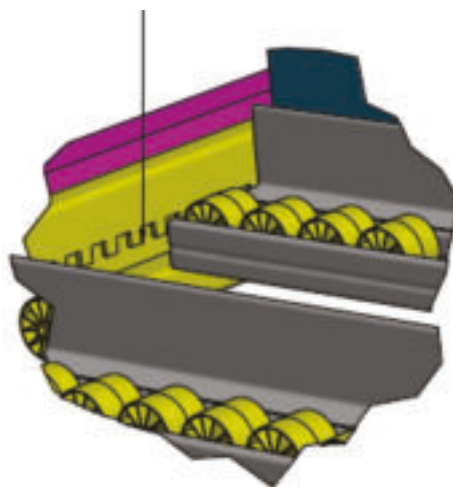


FIFO APPLICATIONS



DYNAMIC FRAME

Due to the adjustable beams, you could scale your rack partition classify by variable boxes.



Whenever you wish, you could lift up or lift down the rack space for your variable boxes.



**HEAVY
DUTY**

DYNAMIC RACKS FOR PALLETS

FIFO APPLICATIONS

First In, First Out

◀◀◀ Sliding racks systems for palletized products. ▶▶▶

Outbound

Inbound

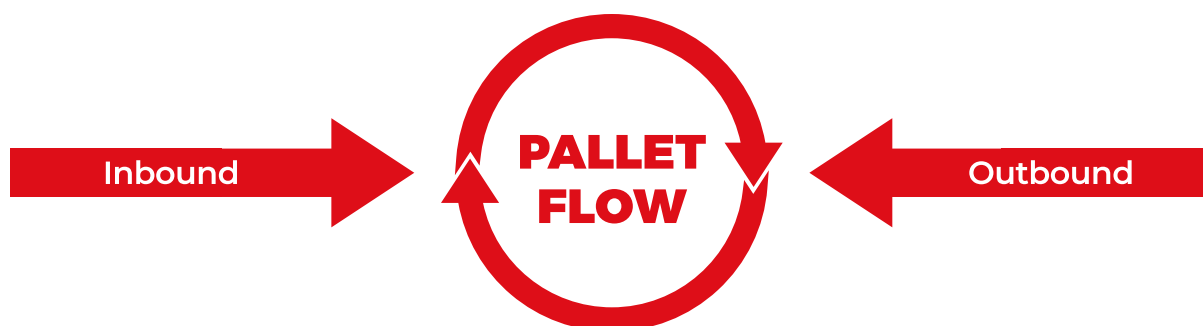


◀◀◀ **PALLET FLOW** ▶▶▶

LIFO APPLICATIONS

Last In, First Out

««« Sliding racks systems for palletized products. »»»

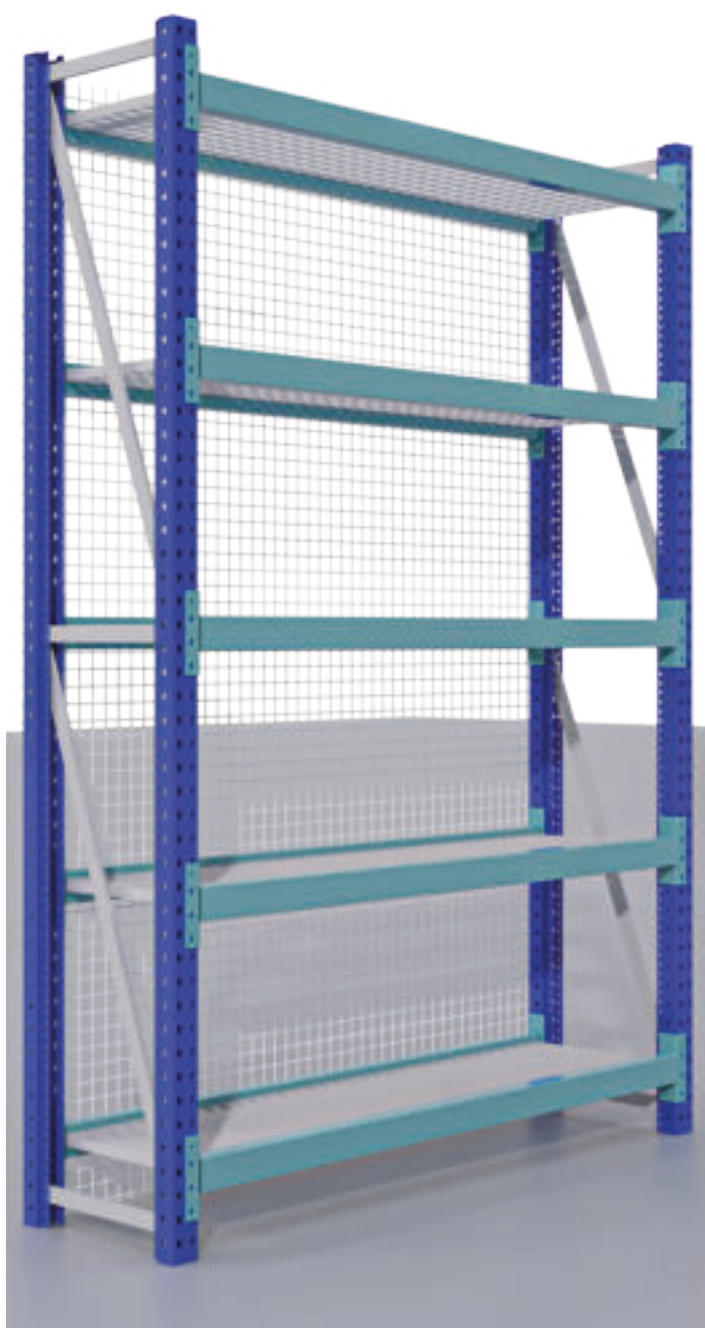




**HEAVY
DUTY**

VARIOUS STATIC RACKS

MINI SHELF APPLICATIONS





CONVEYORS





ROLLER HEADS

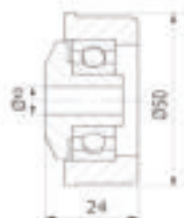
PRB 32 - Ø32x1,8mm



PRB 50 - Ø50x2,4mm



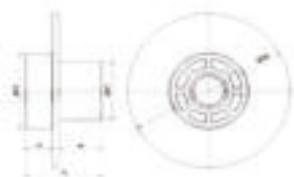
PRB 50 - Ø50x1,5mm



PRB 60 - Ø60x2mm



PRB 76 - 60



PRB 89



ZYC 01



ZYC 02 / Max: 1000kg



Brake roller suitable for Ø89x3 mm pipe.

ZYF 01



ZYF 02



ZPRW 50



ZPR 50



Ø32



Ø51



Ø60



Ø76



Ø89



It can be produced from PVC, stainless, zinc, aluminum materials in desired lengths.

CONVEYOR TYPES

G-ROLL ROLLER CONVEYOR: GKR



Roller conveyors can be used primarily to transfer materials or parts on production and assembly lines, as well as to increase load accumulation, stock keeping and packaging efficiency.

These conveyors can be straight or curved depending on the application and available floor space. In both cases, power is not required; If it is mounted flat, it is easier to transfer the product manually thanks to the rollers that minimize friction. If the conveyor is inclined, gravity is used to move the product.

Roller conveyors can be used in many production, warehouse and distribution lines with their high load capacity and wide variety of applications.

G-ROLL ROLLER CONVEYOR: GKR



Belt conveyors are one of the most used conveyor types thanks to their wide range of uses. Belt types also vary according to the type of product to be transported. Examples of band types; PVC, rubber, silicone, teflon etc can be used. If desired, features such as speed adjustment etc. can be added.

G-ROLL CHAIN CONVEYOR: GKZ



It is generally used for stacked heavy loads and for transporting packaged products. It is preferred in transfer conveyors and lift conveyors.

It is a heavy load conveyor that does not require maintenance for many years. It takes an active role in dirty, oily and corrosive environments.

Different types of chains can be used according to the characteristics of the product to be transported and the area to be used, and it is suitable for carrying all kinds of flat-bottomed products.

Chassis material and chassis types according to the characteristics of the product to be transported and the area to be used; It can be produced as Flat and Slopped (max 5% depends on the weight).



CONVEYOR TYPES

G-ROLL FLEXIBLE CONVEYOR: GKF



These special conveyors are conveyors that allow flexible unloading of boxed products with a scissor-like opening and closing system made with plastic or steel pipes. Thanks to its flexible, extensible structures, it extends and shortens to your existing space.

MAT CONVEYORS

Mat Conveyor - Single

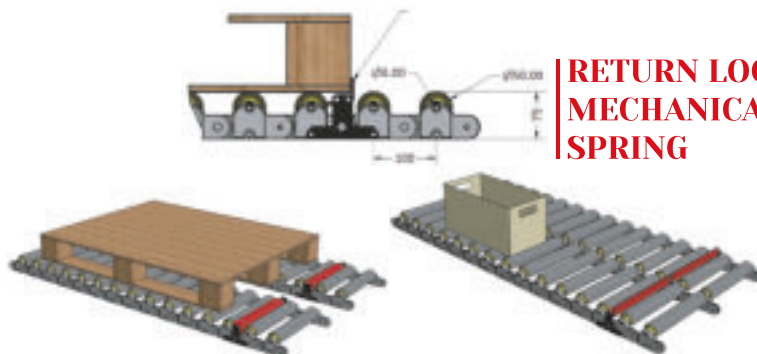
Mat Conveyor - Double

| Code | Load (kg/m) | Width iç/dış | Height (mm) | Step (mm) | Weight (kg/mm) |
|--------|-------------|--------------|-------------|-----------|----------------|
| HK 011 | 50 | 455-497 | 75 | 100 | 5.4 |

| Code | Load (kg/m) | Width iç/dış | Height (mm) | Step (mm) | Weight (kg/mm) |
|--------|-------------|--------------|-------------|-----------|----------------|
| HK 011 | 50 | 455-497 | 75 | 100 | 5.4 |



By adding the wicker links end to end, you can install them in the stock area in the desired quantity, and you can remove them whenever you want with its practical use.



**RETURN LOCK WITH
MECHANICAL
SPRING**



TUGGER TRAINS





APPLICATION FOR TRANSPORTATION VEHICLES

TYPE: GC



- Steel Construction
 - Mechanical
 - Trace Tracking
- Can be Loaded with Pallet Truck
- Can be Produced in Desired Sizes
- Single Sided Loading Available

TYPE: GB



- Steel Construction
 - Hydraulic
 - Trace Tracking
- Can not be Loaded with Pallet Truck
- Can be Produced in Desired Sizes
- Double Sided Loading Available



APPLICATION FOR TRANSPORTATION VEHICLES

TYPE: GE



- Steel Construction
 - Hydraulic
 - Trace Tracking
- Can not be Loaded with Pallet Truck
- Can be Produced in Desired Sizes
 - Single Sided Loading Available



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