Catalogue

VULKOPRIN
QUALITY IN MOTION

covestro VULKOLLAN®
THE ULTIMATE ELASTOMER

Manufacturer of wheels and technical moulded parts in Vulkollan® polyurethane

Vulkoprin is designing and producing a full range of high-quality VULKOLLAN® polyurethane, being able to withstand extreme loads and temperatures, high speeds, wear and deformation.

For almost any application Vulkoprin can design, produce and test a customized solution, both in small and large volumes.

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VULKOPRIN
QUALITY IN MOTION

High-quality materials

Vulkoprin has developed a full range of top quality polyurethanes.

Vulkollan® has distinguished itself in recent decades as the “benchmark” material for heavy-duty wheels. To date, no other type of polyurethane succeeds in giving the same excellent mix of properties over a very wide temperature range.

With the **Printhane™** polyurethanes, Vulkoprin has succeeded in accentuating certain properties for specific applications, such as Printhane™ -X that was developed specifically for fast roller coasters, or Printhane™ GRIP to give more grip in drive applications.

Printhopan® is a high-quality thermoplastic polyurethane for guide rollers and a low-noise alternative to hard polyamide.

Printhane® vulkoprin elastomer

Printhane™ is the generic name of the polyurethane elastomers developed by Vulkoprin for specific applications.

With the **Printhane™** polyurethanes, Vulkoprin has succeeded in accentuating certain properties for specific applications, such as Printhane™ -X that was developed specifically for fast roller coasters, or Printhane™ GRIP to give more grip in drive applications.

covestro VULKOLLAN® THE ULTIMATE ELASTOMER

Vulkollan® is the benchmark polyurethane elastomer in the market, combining excellent mechanical properties for highest dynamical load bearing capacity and abrasion resistance. No other type of polyurethane offers an optimal mix of properties over a wide temperature range.

Printhane® vulkoprin elastomer

Printhane™ is the generic name of the polyurethane elastomers developed by Vulkoprin for specific applications. With the Printhane™ polyurethanes, Vulkoprin has succeeded in accentuating certain properties for specific applications, such as Printhane™ -X that was developed specifically for fast roller coasters, or Printhane™ GRIP to give more grip in drive applications.

Printhane C™ vulkoprin elastomer

Printhane-C™ is conductive Vulkollan® and meets the standards EN12527 through EN12533. It finds application in environments with a higher risk of explosion, fire or electrostatic discharge (ESD).

Printhane B™ vulkoprin elastomer

Printhane-B™ is a polyurethane developed primarily for technical applications or in wheel applications that require more grip.

Printhopan®

Printhopan® is a thermoplastic polyurethane. The elasticity of the **Printhopan®** TPU ensures that the guiding roller is silent, very durable and resistant to oil and grease.

easyroll

Easyroll™ is a super elastic rubber in 65 Shore A.

Printhane X™ vulkoprin elastomer

Printhane-X™ has been developed specially for applications with high speeds, which means it is well suited for all amusementpark- & roller coaster applications.

Printhane R™ vulkoprin elastomer

Printhane-R™ is a rigid polyurethane for use in applications that require thick-walled plastic parts that shows a high impact-resistance and elasticity and who are non-deforming.

State-of-the-art production site

The fully integrated, **state-of-the-art production facility** allows for the production of both individual items and large volumes.

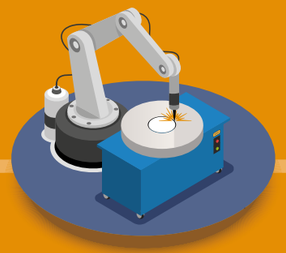
Precision machines and **powerful automation** ensure smooth and timely production. The polyurethane (PU) division can boast **one of the most modern manufacturing facilities in the sector.**

Vulkoprin also has **several casting lines** at its disposal, so that dimensions and formulations can be tailored to the customer's requirements.

A **fully automated polymerisation process** ensures PU of the highest quality.

1. FABRICATION AND MACHINING

COMPUTER CONTROLLED MACHINING OF CAST IRON, STEEL AND ALUMINIUM



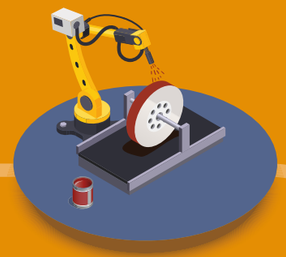
ROBOT WELDING OF THE WHEEL HUB

COMPUTER CONTROLLED MACHINING OF THE WHEEL HUB

2. SURFACE PREPARATION

ROBOTISED DEGREASING OF THE WHEEL HUB

ROBOTISED GRIT-BLASTING OF THE WHEEL HUB

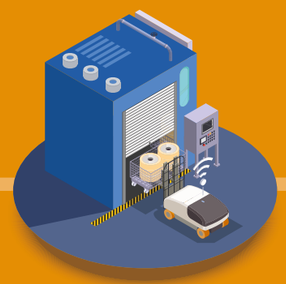


ROBOTISED APPLICATION OF ADHESIVE PRIMER ON THE WHEEL HUB

3. CASTING DEPARTMENT

MACHINE-CASTING OF POLYURETHANE

DEMOULDING OF THE WHEEL



AUTOMATED PROCESS WITH CONTROLLED TEMPERATURE AND HUMIDITY

5. FINISHING AND ASSEMBLY

COMPUTER CONTROLLED MACHINING OF THE WHEEL

ROBOTISED PAINTING OF THE WHEEL

ASSEMBLY OF BEARINGS, CLAMPING ELEMENT OR CASTOR

6. LOGISTICS

PACKAGING AND STORAGE

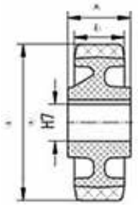
TRANSPORT AND DELIVERY

Drive wheel

Drive wheels transfer **the power of the engine to the floor**, setting the vehicle in motion.

Drive wheel
L serie

Load capacity till 1.200kg
Tread width 30<>50mm



Vulkollan® Polyurethan Serie L: VKLH (H7 Bohrung) - VKLS (H7 Bohrung mit Paßfedernut nach DIN 6885 JS9) mit Laufbelag aus Vulkollan® Polyurethan. Radkörper in Grauguß. Tragfähigkeit von 175 Kg bis 1.200 Kg. Radbreite 30<>50mm.

Vulkollan® polyurethane serie L: VKLH (H7 bore) - VKLS (H7 bore with keyway in acc. with DIN 6885 JS9) with tyre made of Vulkollan® polyurethane. Cast iron center. Load capacity from 175kg till 1.200kg. Tread width 30<>50 mm.

VK LH 065 030 015	VK LS 065 030 015	65	30	15	41	28	GG	175
VK LH 080 030 015	VK LS 080 030 015	80	30	15	41	38	GG	225
VK LH 100 035 015	VK LS 100 035 015	100	35	15	44	54	GG	300
VK LH 100 035 020	VK LS 100 035 020	100	35	20	44	54	GG	300
VK LH 100 035 025	VK LS 100 035 025	100	35	25	44	54	GG	300
VK LH 125 035 020	VK LS 125 035 020	125	35	20	44	43	GG	375
VK LH 125 035 025	VK LS 125 035 025	125	35	25	44	43	GG	375
VK LH 140 050 020	VK LS 140 050 020	140	50	20	50	63	GG	600
VK LH 140 050 025	VK LS 140 050 025	140	50	25	50	63	GG	600
VK LH 140 050 030	VK LS 140 050 030	140	50	30	50	63	GG	600
VK LH 140 050 035	VK LS 140 050 035	140	50	35	50	63	GG	600
VK LH 140 050 040	VK LS 140 050 040	140	50	40	50	63	GG	600
VK LH 150 035 020	VK LS 150 035 020	150	35	20	44	43	GG	450
VK LH 150 035 025	VK LS 150 035 025	150	35	25	44	43	GG	450
VK LH 160 050 020	VK LS 160 050 020	160	50	20	50	70	GG	700
VK LH 160 050 025	VK LS 160 050 025	160	50	25	50	70	GG	700
VK LH 160 050 030	VK LS 160 050 030	160	50	30	50	70	GG	700
VK LH 160 050 035	VK LS 160 050 035	160	50	35	50	70	GG	700
VK LH 160 050 040	VK LS 160 050 040	160	50	40	50	70	GG	700
VK LH 180 050 020	VK LS 180 050 020	180	50	20	50	63	GG	750
VK LH 180 050 025	VK LS 180 050 025	180	50	25	50	63	GG	750
VK LH 180 050 030	VK LS 180 050 030	180	50	30	50	63	GG	750
VK LH 180 050 035	VK LS 180 050 035	180	50	35	50	63	GG	750
VK LH 180 050 040	VK LS 180 050 040	180	50	40	50	63	GG	750
VK LH 200 050 025	VK LS 200 050 025	200	50	25	50	55	GG	900
VK LH 200 050 030	VK LS 200 050 030	200	50	30	50	55	GG	900
VK LH 200 050 035	VK LS 200 050 035	200	50	35	50	55	GG	900
VK LH 200 050 040	VK LS 200 050 040	200	50	40	50	70	GG	900
VK LH 230 050 025	VK LS 230 050 025	230	50	25	50	70	GG	950
VK LH 230 050 030	VK LS 230 050 030	230	50	30	50	70	GG	950
VK LH 230 050 035	VK LS 230 050 035	230	50	35	50	70	GG	950
VK LH 230 050 040	VK LS 230 050 040	230	50	40	50	70	GG	950
VK LH 230 050 045	VK LS 230 050 045	230	50	45	50	70	GG	950
VK LH 250 050 025	VK LS 250 050 025	250	50	25	50	70	GG	1050
VK LH 250 050 030	VK LS 250 050 030	250	50	30	50	70	GG	1050
VK LH 250 050 035	VK LS 250 050 035	250	50	35	50	70	GG	1050
VK LH 250 050 040	VK LS 250 050 040	250	50	40	50	70	GG	1050
VK LH 250 050 045	VK LS 250 050 045	250	50	45	50	70	GG	1050
VK LH 280 050 030	VK LS 280 050 030	280	50	30	50	70	GG	1150
VK LH 280 050 035	VK LS 280 050 035	280	50	35	50	70	GG	1150
VK LH 280 050 040	VK LS 280 050 040	280	50	40	50	70	GG	1150
VK LH 280 050 045	VK LS 280 050 045	280	50	45	50	70	GG	1150
VK LH 300 050 030	VK LS 300 050 030	300	50	30	50	90	GG	1200
VK LH 300 050 035	VK LS 300 050 035	300	50	35	50	90	GG	1200
VK LH 300 050 040	VK LS 300 050 040	300	50	40	50	90	GG	1200
VK LH 300 050 045	VK LS 300 050 045	300	50	45	50	90	GG	1200
VK LH 300 050 050	VK LS 300 050 050	300	50	50	50	90	GG	1200
VK LH 300 050 055	VK LS 300 050 055	300	50	55	50	90	GG	1200
VK LH 300 050 060	VK LS 300 050 060	300	50	60	50	90	GG	1200

Drive wheel
J serie

Load capacity till 1.200kg
Tread width 40<>50mm

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Vulkollan® Polyurethan Serie J: VKJH (H7 Bohrung) - VKJS (H7 Bohrung mit Paßfedernut nach DIN 6885 JS9) mit Laufbelag aus Vulkollan® Polyurethan. Radkörper in Grauguß. Tragfähigkeit von 350 Kg bis 1.200 Kg. Radbreite 40<>50mm.

Vulkollan® polyurethane serie J: VKJH (H7 bore) - VKJS (H7 bore with keyway acc. with DIN 6885 JS9) with tyre made of Vulkollan® polyurethane. Cast iron center. Load capacity from 350kg till 1.200kg. Tread width 40<>50 mm.

VK JH 100 040 015	VK JS 100 040 015	100	40	15	45	55	GG	350
VK JH 100 040 020	VK JS 100 040 020	100	40	20	45	55	GG	350
VK JH 100 040 025	VK JS 100 040 025	100	40	25	45	55	GG	350
VK JH 100 040 030	VK JS 100 040 030	100	40	30	45	55	GG	350
VK JH 100 040 035	VK JS 100 040 035	100	40	35	45	55	GG	350
VK JH 125 040 020	VK JS 125 040 020	125	40	20	60	55	GG	450
VK JH 125 040 025	VK JS 125 040 025	125	40	25	60	55	GG	450
VK JH 125 040 030	VK JS 125 040 030	125	40	30	60	55	GG	450
VK JH 125 040 035	VK JS 125 040 035	125	40	35	60	55	GG	450
VK JH 150 040 020	VK JS 150 040 020	150	40	20	60	63	GG	500
VK JH 150 040 025	VK JS 150 040 025	150	40	25	60	63	GG	500
VK JH 150 040 030	VK JS 150 040 030	150	40	30	60	63	GG	500
VK JH 150 040 035	VK JS 150 040 035	150	40	35	60	63	GG	500
VK JH 150 040 040	VK JS 150 040 040	150	40	40	60	63	GG	500
VK JH 160 050 020	VK JS 160 050 020	160	50	20	60	70	GG	700
VK JH 160 050 025	VK JS 160 050 025	160	50	25	60	70	GG	700
VK JH 160 050 030	VK JS 160 050 030	160	50	30	60	70	GG	700
VK JH 160 050 035	VK JS 160 050 035	160	50	35	60	70	GG	700
VK JH 160 050 040	VK JS 160 050 040	160	50	40	60	70	GG	700
VK JH 200 050 025	VK JS 200 050 025	200	50	25	60	55	GG	900
VK JH 200 050 030	VK JS 200 050 030	200	50	30	60	55	GG	900
VK JH 200 050 035	VK JS 200 050 035	200	50	35	60	55	GG	900
VK JH 200 050 040	VK JS 200 050 040	200	50	40	60	90	GG	900
VK JH 250 050 025	VK JS 250 050 025	250	50	25	60	70	GG	1050
VK JH 250 050 030	VK JS 250 050 030	250	50	30	60	70	GG	1050
VK JH 250 050 035	VK JS 250 050 035	250	50	35	60	70	GG	1050
VK JH 250 050 040	VK JS 250 050 040	250	50	40	60	70	GG	1050
VK JH 300 050 030	VK JS 300 050 030	300	50	30	60	90	GG	1200
VK JH 300 050 035	VK JS 300 050 035	300	50	35	60	90	GG	1200
VK JH 300 050 040	VK JS 300 050 040	300	50	40	60	90	GG	1200
VK JH 300 050 045	VK JS 300 050 045	300	50	45	60	90	GG	1200
VK JH 300 050 050	VK JS 300 050 050	300	50	50	60	90	GG	1200
VK JH 300 050 055	VK JS 300 050 055	300	50	55	60	90	GG	1200
VK JH 300 050 060	VK JS 300 050 060	300	50	60	60	90	GG	1200

Drive wheel
B serie

Load capacity till 1.800kg
Tread width 40<>80mm

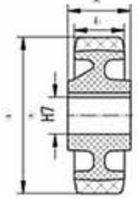
Vulkollan® Polyurethan Serie B: VKBH (H7 Bohrung) - VKBS (H7 Bohrung mit Paßfedernut nach DIN 6885 JS9) mit Laufbelag aus Vulkollan® Polyurethan. Radkörper in Grauguß. Tragfähigkeit von 450 Kg bis 1.800 Kg. Radbreite 40<>80mm.

Vulkollan® polyurethane serie B: VKBH (H7 bore) - VKBS (H7 bore with keyway in acc. with DIN 6885 JS9) with tyre made of Vulkollan® polyurethane. Cast iron center. Load capacity from 450kg till 1.800kg. Tread width 40<>80 mm.

VK BH 100 050 020	VK BS 100 050 020	100	50	20	50	76	GG	450
VK BH 100 050 025	VK BS 100 050 025	100	50	25	50	76	GG	450
VK BH 100 050 030	VK BS 100 050 030	100	50	30	50	76	GG	450
VK BH 100 050 035	VK BS 100 050 035	100	50	35	50	76	GG	450
VK BH 125 040 020	VK BS 125 040 020	125	40	20	45	57	GG	450
VK BH 125 040 025	VK BS 125 040 025	125	40	25	45	57	GG	450
VK BH 125 040 030	VK BS 125 040 030	125	40	30	45	57	GG	450
VK BH 125 040 035	VK BS 125 040 035	125	40	35	45	57	GG	450
VK BH 125 050 020	VK BS 125 050 020	125	50	20	50	57	GG	550
VK BH 125 050 025	VK BS 125 050 025	125	50	25	50	57	GG	550
VK BH 125 050 030	VK BS 125 050 030	125	50	30	50	57	GG	550
VK BH 125 050 035	VK BS 125 050 035	125	50	35	50	57	GG	550
VK BH 150 050 025	VK BS 150 050 025	150	50	25	50	70	GG	700
VK BH 150 050 030	VK BS 150 050 030	150	50	30	50	70	GG	700
VK BH 150 050 035	VK BS 150 050 035	150	50	35	50	70	GG	700
VK BH 150 050 040	VK BS 150 050 040	150	50	40	50	70	GG	700
VK BH 150 050 045	VK BS 150 050 045	150	50	45	50	70	GG	700
VK BH 200 050 025	VK BS 200 050 025	200	50	25	60	78	GG	1000
VK BH 200 050 030	VK BS 200 050 030	200	50	30	60	78	GG	1000
VK BH 200 050 035	VK BS 200 050 035	200	50	35	60	78	GG	1000
VK BH 200 050 040	VK BS 200 050 040	200	50	40	60	78	GG	1000
VK BH 200 050 045	VK BS 200 050 045	200	50	45	60	78	GG	1000
VK BH 200 050 050	VK BS 200 050 050	200	50	50	60	78	GG	1000
VK BH 200 080 030	VK BS 200 080 030	200	80	30	80	78	GG	1400
VK BH 200 080 035	VK BS 200 080 035	200	80	35	80	78	GG	1400
VK BH 200 080 040	VK BS 200 080 040	200	80	40	80	78	GG	1400
VK BH 200 080 045	VK BS 200 080 045	200	80	45	80	78	GG	1400
VK BH 200 080 050	VK BS 200 080 050	200	80	50	80	78	GG	1400
VK BH 250 050 030	VK BS 250 050 030	250	50	30	60	83	GG	1100
VK BH 250 050 035	VK BS 250 050 035	250	50	35	60	83	GG	1100
VK BH 250 050 040	VK BS 250 050 040	250	50	40	60	83	GG	1100
VK BH 250 050 045	VK BS 250 050 045	250	50	45	60	83	GG	1100
VK BH 250 050 050	VK BS 250 050 050	250	50	50	60	83	GG	1100
VK BH 250 080 030	VK BS 250 080 030	250	80	30	80	91	GG	1800
VK BH 250 080 035	VK BS 250 080 035	250	80	35	80	91	GG	1800
VK BH 250 080 040	VK BS 250 080 040	250	80	40	80	91	GG	1800
VK BH 250 080 045	VK BS 250 080 045	250	80	45	80	91	GG	1800
VK BH 250 080 050	VK BS 250 080 050	250	80	50	80	91	GG	1800
VK BH 250 080 055	VK BS 250 080 055	250	80	55	80	91	GG	1800
VK BH 250 080 060	VK BS 250 080 060	250	80	60	80	91	GG	1800

Drive wheel
M serie

Load capacity till 1.900kg
Tread width 65mm



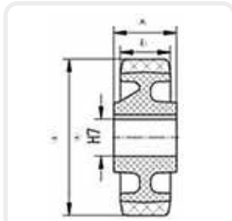
Vulkollan® Polyurethan Serie M: VKMH (H7 Bohrung) - VKMS (H7 Bohrung mit Paßfedernut nach DIN 6885 JS9) mit Laufbelag aus Vulkollan® Polyurethan. Radkörper in Grauguß. Tragfähigkeit von 575 Kg bis 3.000 Kg. Radbreite 65mm.

Vulkollan® polyurethane serie M: VKMH (H7 bore) - VKMS (H7 bore with keyway in acc. with DIN 6885 JS9) with tyre made of Vulkollan® polyurethyane. Cast iron center. Load capacity from 575kg till 1.900kg. Tread width 65 mm.

VK MH 100 065 025	VK MS 100 065 025	100	65	25	65	76	GG	575
VK MH 100 065 030	VK MS 100 065 030	100	65	30	65	76	GG	575
VK MH 100 065 035	VK MS 100 065 035	100	65	35	65	76	GG	575
VK MH 100 065 040	VK MS 100 065 040	100	65	40	65	76	GG	575
VK MH 125 065 025	VK MS 125 065 025	125	65	25	65	85	GG	675
VK MH 125 065 030	VK MS 125 065 030	125	65	30	65	85	GG	675
VK MH 125 065 035	VK MS 125 065 035	125	65	35	65	85	GG	675
VK MH 125 065 040	VK MS 125 065 040	125	65	40	65	85	GG	675
VK MH 125 065 045	VK MS 125 065 045	125	65	45	65	85	GG	675
VK MH 150 065 025	VK MS 150 065 025	150	65	25	65	66	GG	800
VK MH 150 065 030	VK MS 150 065 030	150	65	30	65	66	GG	800
VK MH 150 065 035	VK MS 150 065 035	150	65	35	65	66	GG	800
VK MH 150 065 040	VK MS 150 065 040	150	65	40	65	66	GG	800
VK MH 150 065 045	VK MS 150 065 045	150	65	45	65	66	GG	800
VK MH 180 065 030	VK MS 180 065 030	180	65	30	65	70	GG	900
VK MH 180 065 035	VK MS 180 065 035	180	65	35	65	70	GG	900
VK MH 180 065 040	VK MS 180 065 040	180	65	40	65	70	GG	900
VK MH 180 065 045	VK MS 180 065 045	180	65	45	65	70	GG	900
VK MH 200 065 025	VK MS 200 065 025	200	65	25	65	80	GG	1100
VK MH 200 065 030	VK MS 200 065 030	200	65	30	65	80	GG	1100
VK MH 200 065 035	VK MS 200 065 035	200	65	35	65	80	GG	1100
VK MH 200 065 040	VK MS 200 065 040	200	65	40	65	80	GG	1100
VK MH 200 065 045	VK MS 200 065 045	200	65	45	65	80	GG	1100
VK MH 200 065 050	VK MS 200 065 050	200	65	50	65	80	GG	1100
VK MH 250 065 030	VK MS 250 065 030	250	65	30	65	80	GG	1350
VK MH 250 065 035	VK MS 250 065 035	250	65	35	65	80	GG	1350
VK MH 250 065 040	VK MS 250 065 040	250	65	40	65	80	GG	1350
VK MH 250 065 045	VK MS 250 065 045	250	65	45	65	80	GG	1350
VK MH 250 065 050	VK MS 250 065 050	250	65	50	65	80	GG	1350
VK MH 300 065 030	VK MS 300 065 030	300	65	30	65	90	GG	1550
VK MH 300 065 035	VK MS 300 065 035	300	65	35	65	90	GG	1550
VK MH 300 065 040	VK MS 300 065 040	300	65	40	65	90	GG	1550
VK MH 300 065 045	VK MS 300 065 045	300	65	45	65	90	GG	1550
VK MH 300 065 050	VK MS 300 065 050	300	65	50	65	90	GG	1550
VK MH 300 065 055	VK MS 300 065 055	300	65	55	65	90	GG	1550
VK MH 300 065 060	VK MS 300 065 060	300	65	60	65	90	GG	1550
VK MH 360 065 040	VK MS 360 065 040	360	65	40	65	90	GG	1850
VK MH 360 065 045	VK MS 360 065 045	360	65	45	65	90	GG	1850
VK MH 360 065 050	VK MS 360 065 050	360	65	50	65	90	GG	1850
VK MH 360 065 055	VK MS 360 065 055	360	65	55	65	90	GG	1850
VK MH 360 065 060	VK MS 360 065 060	360	65	60	65	90	GG	1850
VK MH 400 065 040	VK MS 400 065 040	400	65	40	65	90	GG	1900
VK MH 400 065 045	VK MS 400 065 045	400	65	45	65	90	GG	1900
VK MH 400 065 050	VK MS 400 065 050	400	65	50	65	90	GG	1900
VK MH 400 065 055	VK MS 400 065 055	400	65	55	65	90	GG	1900
VK MH 400 065 060	VK MS 400 065 060	400	65	60	65	90	GG	1900

Drive wheel
H serie

Load capacity till 3.000kg
Tread width 80mm



covestro VULKOLLAN®
THE ULTIMATE ELASTOMER

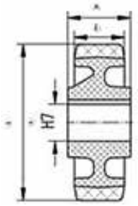
Vulkollan® Polyurethan Serie H: VKHH (H7 Bohrung) - VKHS (H7 Bohrung mit Paßfedernut nach DIN 6885 JS9) mit Laufbelag aus Vulkollan® Polyurethan. Radkörper in Grauguß. Tragfähigkeit von 1.000 Kg bis 3.000 Kg. Radbreite 80mm.

Vulkollan® polyurethane serie H: VKHH (H7 bore) - VKHS (H7 bore with keyway in acc. with DIN 6885 JS9) with tyre made of Vulkollan® polyurethane. Cast iron center. Load capacity from 1.000kg till 3.000kg. Tread width 80 mm.

VK HH 150 080 025	VK HS 150 080 025	150	80	25	80	100	GG	1000
VK HH 150 080 030	VK HS 150 080 030	150	80	30	80	100	GG	1000
VK HH 150 080 035	VK HS 150 080 035	150	80	35	80	100	GG	1000
VK HH 150 080 040	VK HS 150 080 040	150	80	40	80	100	GG	1000
VK HH 150 080 045	VK HS 150 080 045	150	80	45	80	100	GG	1000
VK HH 150 080 050	VK HS 150 080 050	150	80	50	80	100	GG	1000
VK HH 160 080 030	VK HS 160 080 030	160	80	30	80	100	GG	1050
VK HH 160 080 035	VK HS 160 080 035	160	80	35	80	100	GG	1050
VK HH 160 080 040	VK HS 160 080 040	160	80	40	80	100	GG	1050
VK HH 160 080 045	VK HS 160 080 045	160	80	45	80	100	GG	1050
VK HH 160 080 050	VK HS 160 080 050	160	80	50	80	100	GG	1050
VK HH 200 080 030	VK HS 200 080 030	200	80	30	80	85	GG	1300
VK HH 200 080 035	VK HS 200 080 035	200	80	35	80	85	GG	1300
VK HH 200 080 040	VK HS 200 080 040	200	80	40	80	85	GG	1300
VK HH 200 080 045	VK HS 200 080 045	200	80	45	80	85	GG	1300
VK HH 200 080 050	VK HS 200 080 050	200	80	50	80	85	GG	1300
VK HH 250 080 030	VK HS 250 080 030	250	80	30	80	85	GG	1650
VK HH 250 080 035	VK HS 250 080 035	250	80	35	80	85	GG	1650
VK HH 250 080 040	VK HS 250 080 040	250	80	40	80	85	GG	1650
VK HH 250 080 045	VK HS 250 080 045	250	80	45	80	85	GG	1650
VK HH 250 080 050	VK HS 250 080 050	250	80	50	80	85	GG	1650
VK HH 250 080 055	VK HS 250 080 055	250	80	55	80	85	GG	1650
VK HH 250 080 060	VK HS 250 080 060	250	80	60	80	85	GG	1650
VK HH 300 080 040	VK HS 300 080 040	300	80	40	80	96	GG	1900
VK HH 300 080 045	VK HS 300 080 045	300	80	45	80	96	GG	1900
VK HH 300 080 050	VK HS 300 080 050	300	80	50	80	96	GG	1900
VK HH 300 080 055	VK HS 300 080 055	300	80	55	80	96	GG	1900
VK HH 300 080 060	VK HS 300 080 060	300	80	60	80	96	GG	1900
VK HH 350 080 040	VK HS 350 080 040	350	80	40	80	110	GG	2100
VK HH 350 080 045	VK HS 350 080 045	350	80	45	80	110	GG	2100
VK HH 350 080 050	VK HS 350 080 050	350	80	50	80	110	GG	2100
VK HH 350 080 055	VK HS 350 080 055	350	80	55	80	110	GG	2100
VK HH 350 080 060	VK HS 350 080 060	350	80	60	80	110	GG	2100
VK HH 350 080 065	VK HS 350 080 065	350	80	65	80	110	GG	2100
VK HH 350 080 070	VK HS 350 080 070	350	80	70	80	110	GG	2100
VK HH 400 080 040	VK HS 400 080 040	400	80	40	80	105	GG	2500
VK HH 400 080 045	VK HS 400 080 045	400	80	45	80	105	GG	2500
VK HH 400 080 050	VK HS 400 080 050	400	80	50	80	105	GG	2500
VK HH 400 080 055	VK HS 400 080 055	400	80	55	80	105	GG	2500
VK HH 400 080 060	VK HS 400 080 060	400	80	60	80	105	GG	2500
VK HH 400 080 065	VK HS 400 080 065	400	80	65	80	105	GG	2500
VK HH 400 080 070	VK HS 400 080 070	400	80	70	80	105	GG	2500
VK HH 450 080 050	VK HS 450 080 050	450	80	50	80	140	GG	2700
VK HH 450 080 055	VK HS 450 080 055	450	80	55	80	140	GG	2700
VK HH 450 080 060	VK HS 450 080 060	450	80	60	80	140	GG	2700
VK HH 450 080 065	VK HS 450 080 065	450	80	65	80	140	GG	2700
VK HH 450 080 070	VK HS 450 080 070	450	80	70	80	140	GG	2700
VK HH 450 080 075	VK HS 450 080 075	450	80	75	80	140	GG	2700
VK HH 450 080 080	VK HS 450 080 080	450	80	80	80	140	GG	2700
VK HH 500 080 060	VK HS 500 080 060	500	80	60	80	150	GG	3000
VK HH 500 080 065	VK HS 500 080 065	500	80	65	80	150	GG	3000
VK HH 500 080 070	VK HS 500 080 070	500	80	70	80	150	GG	3000
VK HH 500 080 075	VK HS 500 080 075	500	80	75	80	150	GG	3000
VK HH 500 080 080	VK HS 500 080 080	500	80	80	80	150	GG	3000
VK HH 500 080 085	VK HS 500 080 085	500	80	85	80	150	GG	3000
VK HH 500 080 090	VK HS 500 080 090	500	80	90	80	150	GG	3000
VK HH 500 080 095	VK HS 500 080 095	500	80	95	80	150	GG	3000
VK HH 500 080 100	VK HS 500 080 100	500	80	100	80	150	GG	3000

Drive wheel
X serie

Load capacity till 9.200kg
Tread width 100<>200mm



Vulkollan® Polyurethan Serie X: VKXH (H7 Bohrung) - VKXS (H7 Bohrung mit Paßfedernut nach DIN 6885 JS9) mit Laufbelag aus Vulkollan® Polyurethan. Radkörper in Stahl Schweiß Konstruktion. Tragfähigkeit von 2.700 Kg bis 9.200 Kg. Radbreite 100<>200 mm.

Vulkollan® polyurethane serie X: VKXH (H7 bore) - VKXS (H7 bore with keyway in acc. with DIN 6885 JS9) with tyre made of Vulkollan® polyurethane. Steel welded center. Load capacity from 2.700kg till 9.200kg. Tread width 100<>200 mm.

VK XH 250 130 040	VK XS 250 130 040	250	130	40	130	60	SG	2700
VK XH 250 130 045	VK XS 250 130 045	250	130	45	130	70	SG	2700
VK XH 250 130 050	VK XS 250 130 050	250	130	50	130	76	SG	2700
VK XH 250 130 055	VK XS 250 130 055	250	130	55	130	82	SG	2700
VK XH 250 130 060	VK XS 250 130 060	250	130	60	130	88	SG	2700
VK XH 300 100 040	VK XS 300 100 040	300	100	40	100	102	GG	2400
VK XH 300 100 045	VK XS 300 100 045	300	100	45	100	102	GG	2400
VK XH 300 100 050	VK XS 300 100 050	300	100	50	100	102	GG	2400
VK XH 300 100 055	VK XS 300 100 055	300	100	55	100	102	GG	2400
VK XH 300 100 060	VK XS 300 100 060	300	100	60	100	102	GG	2400
VK XH 300 135 040	VK XS 300 135 040	300	135	40	135	60	SG	3250
VK XH 300 135 045	VK XS 300 135 045	300	135	45	135	70	SG	3250
VK XH 300 135 050	VK XS 300 135 050	300	135	50	135	76	SG	3250
VK XH 300 135 055	VK XS 300 135 055	300	135	55	135	82	SG	3250
VK XH 300 135 060	VK XS 300 135 060	300	135	60	135	88	SG	3250
VK XH 330 100 040	VK XS 330 100 040	330	100	40	100	110	GG	2650
VK XH 330 100 045	VK XS 330 100 045	330	100	45	100	110	GG	2650
VK XH 330 100 050	VK XS 330 100 050	330	100	50	100	110	GG	2650
VK XH 330 100 055	VK XS 330 100 055	330	100	55	100	110	GG	2650
VK XH 330 100 060	VK XS 330 100 060	330	100	60	100	110	GG	2650
VK XH 350 100 040	VK XS 350 100 040	350	100	40	100	110	GG	2600
VK XH 350 100 045	VK XS 350 100 045	350	100	45	100	110	GG	2600
VK XH 350 100 050	VK XS 350 100 050	350	100	50	100	110	GG	2600
VK XH 350 100 055	VK XS 350 100 055	350	100	55	100	110	GG	2600
VK XH 350 100 060	VK XS 350 100 060	350	100	60	100	110	GG	2600

VK XH 400 100 050	VK XS 400 100 050	400	100	50	100	120	GG	3050
VK XH 400 100 055	VK XS 400 100 055	400	100	55	100	120	GG	3050
VK XH 400 100 060	VK XS 400 100 060	400	100	60	100	120	GG	3050
VK XH 400 100 065	VK XS 400 100 065	400	100	65	100	120	GG	3050
VK XH 400 100 070	VK XS 400 100 070	400	100	70	100	120	GG	3050
VK XH 400 100 075	VK XS 400 100 075	400	100	75	100	120	GG	3050
VK XH 400 100 080	VK XS 400 100 080	400	100	80	100	120	GG	3050
VK XH 400 125 050	VK XS 400 125 050	400	125	50	125	115	GG	3850
VK XH 400 125 055	VK XS 400 125 055	400	125	55	125	115	GG	3850
VK XH 400 125 060	VK XS 400 125 060	400	125	60	125	115	GG	3850
VK XH 400 125 065	VK XS 400 125 065	400	125	65	125	115	GG	3850
VK XH 400 125 070	VK XS 400 125 070	400	125	70	125	115	GG	3850
VK XH 400 125 075	VK XS 400 125 075	400	125	75	125	115	GG	3850
VK XH 400 125 080	VK XS 400 125 080	400	125	80	125	150	GG	3850
VK XH 400 150 050	VK XS 400 150 050	400	150	50	150	76	SG	4600
VK XH 400 150 060	VK XS 400 150 060	400	150	60	150	88	SG	4600
VK XH 400 150 070	VK XS 400 150 070	400	150	70	150	101	SG	4600
VK XH 425 150 060	VK XS 425 150 060	425	150	60	150	88	SG	4900
VK XH 425 150 070	VK XS 425 150 070	425	150	70	150	101	SG	4900
VK XH 425 150 080	VK XS 425 150 080	425	150	80	150	114	SG	4900
VK XH 425 150 090	VK XS 425 150 090	425	150	90	150	121	SG	4900
VK XH 450 100 060	VK XS 450 100 060	450	100	60	100	88	SG	3500
VK XH 450 100 070	VK XS 450 100 070	450	100	70	100	101	SG	3500
VK XH 450 100 080	VK XS 450 100 080	450	100	80	100	114	SG	3500
VK XH 450 100 090	VK XS 450 100 090	450	100	90	100	121	SG	3500
VK XH 450 125 060	VK XS 450 125 060	450	125	60	125	88	SG	4300
VK XH 450 125 070	VK XS 450 125 070	450	125	70	125	101	SG	4300
VK XH 450 125 080	VK XS 450 125 080	450	125	80	125	114	SG	4300
VK XH 450 125 090	VK XS 450 125 090	450	125	90	125	121	SG	4300
VK XH 500 100 070	VK XS 500 100 070	500	100	70	100	101	SG	3850
VK XH 500 100 080	VK XS 500 100 080	500	100	80	100	114	SG	3850
VK XH 500 100 090	VK XS 500 100 090	500	100	90	100	121	SG	3850
VK XH 500 100 100	VK XS 500 100 100	500	100	100	100	139	SG	3850
VK XH 500 125 070	VK XS 500 125 070	500	125	70	125	101	SG	4800
VK XH 500 125 080	VK XS 500 125 080	500	125	80	125	114	SG	4800
VK XH 500 125 090	VK XS 500 125 090	500	125	90	125	121	SG	4800
VK XH 500 125 100	VK XS 500 125 100	500	125	100	125	139	SG	4800
VK XH 500 150 070	VK XS 500 150 070	500	150	70	150	101	SG	5750
VK XH 500 150 080	VK XS 500 150 080	500	150	80	150	114	SG	5750
VK XH 500 150 090	VK XS 500 150 090	500	150	90	150	121	SG	5750
VK XH 500 150 100	VK XS 500 150 100	500	150	100	150	139	SG	5750
VK XH 500 230 070	VK XS 500 230 070	500	230	70	230	101	SG	8850
VK XH 500 230 080	VK XS 500 230 080	500	230	80	230	114	SG	8850
VK XH 500 230 090	VK XS 500 230 090	500	230	90	230	121	SG	8850
VK XH 500 230 100	VK XS 500 230 100	500	230	100	230	139	SG	8850
VK XH 530 150 070	VK XS 530 150 070	530	150	70	150	101	SG	5700
VK XH 530 150 080	VK XS 530 150 080	530	150	80	150	114	SG	5700
VK XH 530 150 090	VK XS 530 150 090	530	150	90	150	121	SG	5700
VK XH 530 150 100	VK XS 530 150 100	530	150	100	150	139	SG	5700

							GG/SG	
VK XH 600 150 070	VK XS 600 150 070	600	150	70	150	101	SG	6900
VK XH 600 150 080	VK XS 600 150 080	600	150	80	150	114	SG	6900
VK XH 600 150 090	VK XS 600 150 090	600	150	90	150	121	SG	6900
VK XH 600 150 100	VK XS 600 150 100	600	150	100	150	139	SG	6900
VK XH 600 175 080	VK XS 600 175 080	600	175	80	175	114	SG	8050
VK XH 600 175 090	VK XS 600 175 090	600	175	90	175	121	SG	8050
VK XH 600 175 100	VK XS 600 175 100	600	175	100	175	139	SG	8050
VK XH 600 175 110	VK XS 600 175 110	600	175	110	175	146	SG	8050
VK XH 600 200 080	VK XS 600 200 080	600	200	80	200	114	SG	9200
VK XH 600 200 090	VK XS 600 200 090	600	200	90	200	121	SG	9200
VK XH 600 200 100	VK XS 600 200 100	600	200	100	200	139	SG	9200
VK XH 600 200 110	VK XS 600 200 110	600	200	110	200	146	SG	9200

Keyway dimensions

Diameter H7-bore		**Keyway** width x height **DIN 6885 JS9**
from	to	
13	17	5 x 2,3
18	22	6 x 2,8
23	30	8 x 3,3
31	38	10 x 3,3
39	44	12 x 3,3
45	50	14 x 3,8
51	58	16 x 4,3
59	65	18 x 4,4
66	75	20 x 4,9
76	85	22 x 5,4
86	95	25 x 5,4
96	110	28 x 6,4
111	130	32 x 7,4

Guiding rollers

A guide wheel or roller ensures that an object follows the trajectory. **The guide roller rolls into a profile or on a rail that determines the trajectory.** When guiding, the forces on the wheel are usually limited. Impact load or taking turns give extra load on the wheel.

Technical wheels

Guiding rollers
PRINTHOPAN WU DP

Führungsrolle mit Lauffläche in PRINTHOPAN™ gespritztem Polyurethan 59° Shore D: Farbe hellbraun, sehr abriebfest, hohe Tragfähigkeit - mit Präzisionskugellager
('Z': ZZ oder 'S': 2RS).

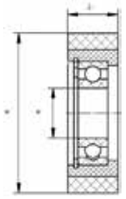
Guiding roller with tread in PRINTHOPAN™ injected polyurethane 59° Shore D: colour light brown, highly wear-resistant, high load capacity - on precision ball bearing
('Z': ZZ or 'S': 2RS).

WU DP 018 006 004 Z	18	6	4	684 ZZ	10
WU DP 018 006 004 S	18	6	4	684 2RS	10
WU DP 022 010 005 Z	22	10	5	625 ZZ	20
WU DP 022 010 005 S	22	10	5	625 2RS	20
WU DP 025 010 006 Z	25	10	6	626 ZZ	20
WU DP 025 010 006 S	25	10	6	626 2RS	20
WU DP 026 012 006 Z	26	12	6	626 ZZ	25
WU DP 026 012 006 S	26	12	6	626 2RS	25
WU DP 027 011 006 Z	27	12	6	626 ZZ	25
WU DP 027 011 006 S	27	12	6	626 2RS	25
WU DP 030 011 008 Z	30	11	8	608 ZZ	30
WU DP 030 011 008 S	30	11	8	608 2RS	30
WU DP 030 011 009 Z	30	11	9	609 ZZ	25
WU DP 030 011 009 S	30	11	9	609 2RS	25
WU DP 032 016 008 Z	32	16	8	608 ZZ	45
WU DP 032 016 008 S	32	16	8	608 2RS	45
WU DP 035 009 006 Z	35	9	6	626 ZZ	40
WU DP 035 009 006 S	35	9	6	626 2RS	40
WU DP 035 011 008 Z	35	11	8	608 ZZ	40
WU DP 035 011 008 S	35	11	8	608 2RS	40
WU DP 035 015 010 Z	35	15	10	6000 ZZ	60
WU DP 035 015 010 S	35	15	10	6000 2RS	60
WU DP 038 011 008 Z	38	11	8	608 ZZ	45
WU DP 038 011 008 S	38	11	8	608 2RS	45
WU DP 040 012 010 Z	40	12	10	6000 ZZ	50
WU DP 040 012 010 S	40	12	10	6000 2RS	50
WU DP 040 014 010 Z	40	14	10	6200 ZZ	70
WU DP 040 014 010 S	40	14	10	6200 2RS	70
WU DP 040 014 012 Z	40	14	12	6001 ZZ	70
WU DP 040 014 012 S	40	14	12	6001 2RS	70
WU DP 040 020 010 Z	40	20	10	6200 ZZ	90
WU DP 040 020 010 S	40	20	10	6200 2RS	90
WU DP 040 025 010 Z	40	25	10	2x 6000 ZZ	110
WU DP 040 025 010 S	40	25	10	2x 6000 2RS	110
WU DP 042 014 015 Z	42	14	15	6002 ZZ	80
WU DP 042 014 015 S	42	14	15	6002 2RS	80
WU DP 044 012 012 Z	44	12	12	6001 ZZ	70
WU DP 044 012 012 S	44	12	12	6001 2RS	70
WU DP 044 016 012 Z	44	16	12	6001 ZZ	80
WU DP 044 016 012 S	44	16	12	6001 2RS	80
WU DP 045 013 012 Z	45	13	12	6001 ZZ	80
WU DP 045 013 012 S	45	13	12	6001 2RS	80
WU DP 045 015 012 Z	45	15	12	6001 ZZ	80
WU DP 045 015 012 S	45	15	12	6001 2RS	80
WU DP 047 020 015 Z	47	20	15	6202 ZZ	95
WU DP 047 020 015 S	47	20	15	6202 2RS	95
WU DP 049 015 010 Z	49	15	10	6200 ZZ	80
WU DP 049 015 010 S	49	15	10	6200 2RS	80
WU DP 050 012 015 Z	50	12	15	6002 ZZ	70
WU DP 050 012 015 S	50	12	15	6002 2RS	70
WU DP 050 015 008 Z	50	15	8	608 ZZ	80
WU DP 050 015 008 S	50	15	8	608 2RS	80
WU DP 050 015 010 Z	50	15	10	6200 ZZ	100
WU DP 050 015 010 S	50	15	10	6200 2RS	100
WU DP 050 015 012 Z	50	15	12	6201 ZZ	100
WU DP 050 015 012 S	50	15	12	6201 2RS	100
WU DP 050 015 015 Z	50	15	15	6002 ZZ	100
WU DP 050 015 015 S	50	15	15	6002 2RS	100
WU DP 050 018 010 Z	50	18	10	6200 ZZ	100
WU DP 050 018 010 S	50	18	10	6200 2RS	100
WU DP 050 018 012 Z	50	18	12	6201 ZZ	100
WU DP 050 018 012 S	50	18	12	6201 2RS	100
WU DP 050 018 015 Z	50	18	15	6202 ZZ	110
WU DP 050 018 015 S	50	18	15	6202 2RS	110
WU DP 050 018 017 Z	50	18	17	6003 ZZ	110
WU DP 050 018 017 S	50	18	17	6003 2RS	110
WU DP 050 025 012 Z	50	25	12	6201 ZZ	125
WU DP 050 025 012 S	50	25	12	6201 2RS	125
WU DP 050 025 015 Z	50	25	15	6202 ZZ	115
WU DP 050 025 015 S	50	25	15	6202 2RS	115
WU DP 053 020 017 Z	53	20	17	6203 ZZ	75
WU DP 053 020 017 S	53	20	17	6203 2RS	75
WU DP 055 020 012 Z	55	20	12	6201 ZZ	115
WU DP 055 020 012 S	55	20	12	6201 2RS	115
WU DP 055 024 020 Z	55	24	20	6204 ZZ	80
WU DP 055 024 020 S	55	24	20	6204 2RS	80
WU DP 057 020 017 Z	57	20	17	6203 ZZ	135
WU DP 057 020 017 S	57	20	17	6203 2RS	135
WU DP 060 015 010 Z	60	15	10	6200 ZZ	110
WU DP 060 015 010 S	60	15	10	6200 2RS	110

WU DP 060 020 017 Z	60	20	17	6203 ZZ	150
WU DP 060 020 017 S	60	20	17	6203 2RS	150
WU DP 060 020 020 Z	60	20	20	6004 ZZ	150
WU DP 060 020 020 S	60	20	20	6004 2RS	150
WU DP 060 025 015 Z	60	25	15	6202 ZZ	150
WU DP 060 025 015 S	60	25	15	6202 2RS	150
WU DP 060 025 020 Z	60	25	20	6004 ZZ	150
WU DP 060 025 020 S	60	25	20	6004 2RS	150
WU DP 062 020 017 Z	62	20	17	6203 ZZ	160
WU DP 062 020 017 S	62	20	17	6203 2RS	160
WU DP 062 021 025 Z	62	21	25	6205 ZZ	180
WU DP 062 021 025 S	62	21	25	6205 2RS	180
WU DP 063 020 017 Z	63	20	17	6203 ZZ	160
WU DP 063 020 017 S	63	20	17	6203 2RS	160
WU DP 064 018 012 Z	64	18	12	6301 ZZ	150
WU DP 064 018 012 S	64	18	12	6301 2RS	150
WU DP 064 018 017 Z	64	18	17	6203 ZZ	150
WU DP 064 018 017 S	64	18	17	6203 2RS	150
WU DP 065 015 012 Z	65	15	12	6201 ZZ	130
WU DP 065 015 012 S	65	15	12	6201 2RS	130
WU DP 065 025 020 Z	65	25	20	6204 ZZ	150
WU DP 065 025 020 S	65	25	20	6204 2RS	150
WU DP 070 017 017 Z	70	17	17	6203 ZZ	100
WU DP 070 017 017 S	70	17	17	6203 2RS	100
WU DP 070 025 020 Z	70	25	20	6204 ZZ	200
WU DP 070 025 020 S	70	25	20	6204 2RS	200
WU DP 070 035 020 Z	70	35	20	6204 ZZ	220
WU DP 070 035 020 S	70	35	20	6204 2RS	220
WU DP 073 025 020 Z	73	25	20	6204 ZZ	210
WU DP 073 025 020 S	73	25	20	6204 2RS	210
WU DP 075 020 017 Z	75	20	17	6303 ZZ	160
WU DP 075 020 017 S	75	20	17	6303 2RS	160
WU DP 075 021 020 Z	75	21	20	6204 ZZ	160
WU DP 075 021 020 S	75	21	20	6204 2RS	160
WU DP 080 020 017 Z	80	20	17	6303 ZZ	175
WU DP 080 020 017 S	80	20	17	6303 2RS	175
WU DP 080 025 025 Z	80	25	25	6205 ZZ	215
WU DP 080 025 025 S	80	25	25	6205 2RS	215
WU DP 085 025 020 Z	85	25	20	6304 ZZ	175
WU DP 085 025 020 S	85	25	20	6304 2RS	175
WU DP 090 020 017 Z	90	20	17	6303 ZZ	195
WU DP 090 020 017 S	90	20	17	6303 2RS	195
WU DP 090 020 025 Z	90	20	25	6205 ZZ	190
WU DP 090 020 025 S	90	20	25	6205 2RS	190
WU DP 095 020 017 Z	95	20	17	6303 ZZ	170
WU DP 095 020 017 S	95	20	17	6303 2RS	170
WU DP 100 025 025 Z	100	25	25	6205 ZZ	260
WU DP 100 025 025 S	100	25	25	6205 2RS	260

Technical wheels

Guiding rollers VULKOLLAN VK RK



covestro VULKOLLAN® THE ULTIMATE ELASTOMER

Führungsrolle mit Stahlkörper und elastischem, fest aufge-gossenem Laufbelag in VULKOLLAN® 92° Shore A: Farbe hellbraun, sehr abriebfest, hohe Tragfähigkeit - mit ZZ Präzisionskugellager.

Guiding roller with steel centre and elastic, firmly bonded tyre in VULKOLLAN® 92° Shore A: colour light brown, highly wear-resistant, high load capacity - on ZZ precision ball bearing.

VK RK 028 014 006 Z	28	14	6	684 ZZ	25
VK RK 040 015 010 Z	40	15	10	6000 ZZ	60
VK RK 040 025 010 Z	40	25	10	6000 ZZ	60
VK RK 050 015 010 ZB	50	15	10	6200 ZZ	85
VK RK 050 015 012 Z	50	15	12	6001 ZZ	85
VK RK 050 018 017 ZA	50	18	17	6003 ZZ	95
VK RK 050 018 020 Z	50	18	20	61804 ZZ	95
VK RK 050 020 012 ZB	50	20	12	6201 ZZ	100
VK RK 060 018 017 ZA	60	18	17	6003 ZZ	110
VK RK 060 020 017 ZB	60	20	17	6203 ZZ	120
VK RK 060 020 020 ZA	60	20	20	6004 ZZ	120
VK RK 060 025 017 Z	60	25	17	6003 ZZ	125
VK RK 070 020 020 ZA	70	20	20	6004 ZZ	130
VK RK 070 025 017 ZC	70	25	17	6303 ZZ	150
VK RK 070 025 020 Z	70	25	20	6204 ZZ	150
VK RK 070 025 025 ZB	70	25	25	6205 ZZ	150
VK RK 080 020 017 Z	80	20	17	6303 ZZ	150
VK RK 080 020 020 Z	80	20	20	6304 ZZ	150
VK RK 080 020 025 ZB	80	20	25	6205 ZZ	150
VK RK 080 025 020 Z	80	25	20	6304 ZZ	170
VK RK 080 025 025 Z	80	25	25	6205 ZZ	170
VK RK 080 030 020 Z	80	30	20	6204 ZZ	180
VK RK 090 025 025 Z	90	25	25	6005 ZZ	190
VK RK 100 025 020 Z	100	25	20	6304 ZZ	210
VK RK 100 025 025 ZB	100	25	25	6205 ZZ	210
VK RK 100 030 020 ZC	100	30	20	6304 ZZ	220
VK RK 100 030 025 ZB	100	30	25	6205 ZZ	220
VK RK 120 025 025 Z	120	25	25	6205 ZZ	250
VK RK 125 025 025 Z	125	25	25	6205 ZZ	260

Load wheels

Load wheels carry the load of the device. These wheels are available separately or in casters (fixed/swivel/swivel+brake/ center bold fix/center bold brake). Vulkoprin offers load wheels for light, medium and heavy duty.

Load wheels
E serie

Load capacity till 1.200kg
Tread width 40<>50mm

Rad Grauguß-Radkörper mit elastischem, fest aufgegossenem Laufbelag in VULKOLLAN® 92° Shore A: Farbe hellbraun, sehr abriebfest, hohe Tragfähigkeit - mit Präzisionskugellagern.

Wheel cast iron centre with elastic, firmly bonded tyre in VULKOLLAN® 92° Shore A: colour light brown, extremely wear-resistant, high load capacity - on precision ball bearings.

								GG/SG	
VK EK 100 040 015	100	40	15	45	●●	45	49	GG	350
VK EK 125 040 015	125	40	15	45	●●	45	49	GG	450
VK EK 150 050 020	150	50	20	60	●●	60	68	GG	700
VK EK 150 050 025	150	50	25	60	●●	60	68	GG	700
VK EK 150 060 025	150	60	25	60	●●	60	83	GG	800
VK EK 150 060 030	150	60	30	60	●●	60	83	GG	800
VK EK 160 080 025	160	80	25	90	●●	90	82	GG	1.150
VK EK 160 080 030	160	80	30	90	●●	90	82	GG	1.150
VK EK 200 050 020	200	50	20	60	●●	60	71	GG	1.000
VK EK 200 050 025	200	50	25	60	●●	60	71	GG	1.000
VK EK 200 060 025	200	60	25	60	●●	60	83	GG	1.200
VK EK 200 060 030	200	60	30	60	●●	60	83	GG	1.200

Load wheels
L serie

Load capacity till 1.200kg
Tread width 30<>50mm

Rad Grauguß-Radkörper mit elastischem, fest aufgegossenem Laufbelag in VULKOLLAN® 92° Shore A: Farbe hellbraun, sehr abriebfest, hohe Tragfähigkeit - mit Präzisionskugellagern.

Wheel cast iron centre with elastic, firmly bonded tyre in VULKOLLAN® 92° Shore A: colour light brown, extremely wear-resistant, high load capacity - on precision ball bearings.

								GG/SG	
VK LK 050 020 006	50	20	6	23	●●	23	30	GG	90
VK LR 065 030 012	65	30	12	41	▤	41	50	GG	175
VK LK 080 030 012	80	30	12	41	●●	39	38	GG	225
VK LK 080 030 015	80	30	15	41	●●	37	38	GG	225
VK LK 100 035 012	100	35	12	44	●●	42	44	GG	300
VK LK 100 035 015	100	35	15	44	●●	40	44	GG	300
VK LK 125 035 012	125	35	12	44	●●	42	43	GG	375
VK LK 125 035 015	125	35	15	44	●●	40	43	GG	375
VK LK 140 050 020	140	50	20	50	●●	48	63	GG	600
VK LK 140 050 025	140	50	25	50	●●	48	63	GG	600
VK LK 150 035 012	150	35	12	44	●●	42	43	GG	450
VK LK 150 035 015	150	35	15	44	●●	40	43	GG	450
VK LK 160 050 020	160	50	20	50	●●	48	70	GG	700
VK LK 160 050 025	160	50	25	50	●●	48	70	GG	700
VK LK 180 050 020	180	50	20	50	●●	48	63	GG	750
VK LK 180 050 025	180	50	25	50	●●	48	63	GG	750
VK LK 200 050 020	200	50	20	50	●●	48	70	GG	900
VK LK 200 050 025	200	50	25	50	●●	48	70	GG	900
VK LK 200 050 030	200	50	30	50	●●	48	70	GG	900
VK LK 230 050 020	230	50	20	50	●●	48	70	GG	950
VK LK 230 050 025	230	50	25	50	●●	48	70	GG	950
VK LK 230 050 030	230	50	30	50	●●	48	70	GG	950
VK LK 250 050 020	250	50	20	50	●●	48	70	GG	1.050
VK LK 250 050 025	250	50	25	50	●●	48	70	GG	1.050
VK LK 250 050 030	250	50	30	50	●●	48	70	GG	1.050
VK LK 280 050 020	280	50	20	50	●●	48	70	GG	1.150
VK LK 280 050 025	280	50	25	50	●●	48	70	GG	1.150

								GG/SG	
VK LK 280 050 030	280	50	30	50	●●	48	70	GG	1.150
VK LK 300 050 025	300	50	25	50	●●	48	90	GG	1.200
VK LK 300 050 030	300	50	30	50	●●	48	90	GG	1.200
VK LK 300 050 035	300	50	35	50	●●	48	90	GG	1.200

Load wheels
B serie

Load capacity till 1.800kg
Tread width 40<>80mm

covestro VULKOLLAN®
THE ULTIMATE ELASTOMER

Rad Grauguß-Radkörper mit elastischem, fest aufgegossenem Laufbelag in VULKOLLAN® 92° Shore A: Farbe hellbraun, sehr abriebfest, hohe Tragfähigkeit - mit Präzisionskugellagern.

Wheel cast iron centre with elastic, firmly bonded tyre in VULKOLLAN® 92° Shore A: colour light brown, extremely wear-resistant, high load capacity - on precision ball bearings.

								GG/SG	
VK BK 100 050 020	100	50	20	50	●●	48	76	GG	450
VK BK 100 050 025	100	50	25	50	●●	48	76	GG	450
VK BK 125 040 015	125	40	15	45	●●	43	57	GG	450
VK BK 125 040 020	125	40	20	45	●●	43	57	GG	450
VK BK 125 040 025	125	40	25	45	●●	43	57	GG	450
VK BK 125 050 020	125	50	20	50	●●	48	57	GG	550
VK BK 125 050 025	125	50	25	50	●●	48	57	GG	550
VK BK 150 050 020	150	50	20	50	●●	48	67	GG	700
VK BK 150 050 025	150	50	25	50	●●	48	67	GG	700
VK BK 200 050 020	200	50	20	60	●●	58	78	GG	1.000
VK BK 200 050 025	200	50	25	60	●●	58	78	GG	1.000
VK BK 200 050 030	200	50	30	60	●●	58	78	GG	1.000
VK BK 200 080 025	200	80	25	80	●●	78	78	GG	1.400
VK BK 200 080 030	200	80	30	80	●●	78	78	GG	1.400
VK BK 200 080 035	200	80	35	80	●●	78	78	GG	1.400
VK BK 250 050 020	250	50	20	60	●●	58	83	GG	1.100
VK BK 250 050 025	250	50	25	60	●●	58	83	GG	1.100
VK BK 250 050 030	250	50	30	60	●●	58	83	GG	1.100
VK BK 250 080 030	250	80	30	80	●●	78	91	GG	1.800
VK BK 250 080 035	250	80	35	80	●●	78	91	GG	1.800
VK BK 250 080 040	250	80	40	80	●●	78	91	GG	1.800

Load wheels
M serie

Load capacity till 1.900kg
Tread width 65mm

Rad Grauguß-Radkörper mit elastischem, fest aufgegossenem Laufbelag in VULKOLLAN® 92° Shore A: Farbe hellbraun, sehr abriebfest, hohe Tragfähigkeit - mit Präzisionskugellagern.

Wheel cast iron centre with elastic, firmly bonded tyre in VULKOLLAN® 92° Shore A: colour light brown, extremely wear-resistant, high load capacity - on precision ball bearings.

VK MK 100 065 020	100	65	20	65	●●	63	76	GG	575
VK MK 100 065 025	100	65	25	65	●●	63	76	GG	575
VK MK 100 065 030	100	65	30	65	●●	63	76	GG	575
VK MK 125 065 020	125	65	20	65	●●	63	85	GG	675
VK MK 125 065 025	125	65	25	65	●●	63	85	GG	675
VK MK 125 065 030	125	65	30	65	●●	63	85	GG	675
VK MK 150 065 020	150	65	20	65	●●	63	66	GG	800
VK MK 150 065 025	150	65	25	65	●●	63	66	GG	800
VK MK 150 065 030	150	65	30	65	●●	63	66	GG	800
VK MK 180 065 025	180	65	25	65	●●	63	70	GG	900
VK MK 180 065 030	180	65	30	65	●●	63	70	GG	900
VK MK 200 065 025	200	65	25	65	●●	63	80	GG	1.100
VK MK 200 065 030	200	65	30	65	●●	63	80	GG	1.100
VK MK 200 065 035	200	65	35	65	●●	63	80	GG	1.100
VK MK 250 065 025	250	65	25	65	●●	63	80	GG	1.350
VK MK 250 065 030	250	65	30	65	●●	63	80	GG	1.350
VK MK 250 065 035	250	65	35	65	●●	63	80	GG	1.350
VK MK 300 065 030	300	65	30	65	●●	63	90	GG	1.550
VK MK 300 065 035	300	65	35	65	●●	63	90	GG	1.550
VK MK 360 065 030	360	65	30	65	●●	63	90	GG	1.850
VK MK 360 065 035	360	65	35	65	●●	63	90	GG	1.850
VK MK 400 065 030	400	65	30	65	●●	63	90	GG	1.900
VK MK 400 065 035	400	65	35	65	●●	63	90	GG	1.900

EXTRA HEAVY

Load wheels
H serie

Load capacity till 3.000kg
Tread width 80mm

Rad Grauguß-Radkörper mit elastischem, fest aufgegossenem Laufbelag in VULKOLLAN® 92° Shore A: Farbe hellbraun, sehr abriebfest, hohe Tragfähigkeit - mit Präzisionskugellagern.

Wheel cast iron centre with elastic, firmly bonded tyre in VULKOLLAN® 92° Shore A: colour light brown, extremely wear-resistant, high load capacity - on precision ball bearings.

VK HK 150 080 025	150	80	25	80	●●	78	95	GG	1.000
VK HK 150 080 030	150	80	30	80	●●	78	95	GG	1.000
VK HK 150 080 035	150	80	35	80	●●	78	95	GG	1.000
VK HK 160 080 025	160	80	25	80	●●	78	95	GG	1.050
VK HK 160 080 030	160	80	30	80	●●	78	95	GG	1.050
VK HK 160 080 035	160	80	35	80	●●	78	95	GG	1.050
VK HK 200 080 025	200	80	25	80	●●	78	85	GG	1.300
VK HK 200 080 030	200	80	30	80	●●	78	85	GG	1.300
VK HK 200 080 035	200	80	35	80	●●	78	85	GG	1.300
VK HK 250 080 025	250	80	25	80	●●	78	90	GG	1.650
VK HK 250 080 030	250	80	30	80	●●	78	90	GG	1.650
VK HK 250 080 035	250	80	35	80	●●	78	90	GG	1.650
VK HK 250 080 040	250	80	40	80	●●	78	90	GG	1.650
VK HK 300 080 030	300	80	30	80	●●	78	96	GG	1.900
VK HK 300 080 035	300	80	35	80	●●	78	96	GG	1.900
VK HK 300 080 040	300	80	40	80	●●	78	96	GG	1.900
VK HK 350 080 035	350	80	30	80	●●	78	110	GG	2.100
VK HK 350 080 040	350	80	40	80	●●	78	110	GG	2.100
VK HK 400 080 035	400	80	35	80	●●	78	105	GG	2.500
VK HK 400 080 040	400	80	40	80	●●	78	105	GG	2.500
VK HK 450 080 040	450	80	40	80	●●	78	140	GG	2.700
VK HK 450 080 050	450	80	50	80	●●	78	140	GG	2.700
VK HK 500 080 040	500	80	40	80	●●	78	150	GG	3.000
VK HK 500 080 050	500	80	50	80	●●	78	150	GG	3.000

EXTRA HEAVY

Load wheels
X serie

Tragfähigkeit bis 9.200kg
Radbreite 100<>200mm

covestro VULKOLLAN®
THE ULTIMATE ELASTOMER

Rad Körper in Grauguß oder Stahlschweißkonstruktion mit elastischem, fest aufgegossenem Laufbelag in VULKOLLAN® 92° Shore A: Farbe hellbraun, sehr abriebfest, hohe Tragfähigkeit - mit Präzisionskugellagern.

Wheel cast iron or steel welded centre with elastic, firmly bonded tyre in VULKOLLAN® 92° Shore A: colour light brown, extremely wear-resistant, high load capacity - on precision ball bearings.

								GG/SG	
VK XK 250 130 030	250	130	30	130	••	128	101	SG	2.700
VK XK 250 130 040	250	130	40	130	••	128	108	SG	2.700
VK XK 300 100 030	300	100	30	100	••	98	102	GG	2.400
VK XK 300 100 040	300	100	40	100	••	98	102	GG	2.400
VK XK 300 100 050	300	100	50	100	••	98	102	GG	2.400
VK XK 300 135 050	300	135	50	135	••	133	114	SG	3.250
VK XK 300 135 060	300	135	60	135	••	133	139	SG	3.250
VK XK 330 100 040	330	100	40	100	••	98	110	GG	2.650
VK XK 330 100 050	330	100	50	100	••	98	110	GG	2.650
VK XK 350 100 040	350	100	40	100	••	98	110	GG	2.600
VK XK 350 100 050	350	100	50	100	••	98	110	GG	2.600
VK XK 350 100 060	350	100	60	100	••	98	110	GG	2.600
VK XK 400 100 040	400	100	40	100	••	98	120	GG	3.050
VK XK 400 100 050	400	100	50	100	••	98	120	GG	3.050
VK XK 400 100 060	400	100	60	100	••	98	120	GG	3.050
VK XK 400 125 050	400	125	50	125	••	123	150	GG	3.850
VK XK 400 125 060	400	125	60	125	••	123	150	GG	3.850
VK XK 400 150 050	400	150	50	150	••	148	114	SG	4.600
VK XK 400 150 060	400	150	60	150	••	148	139	SG	4.600
VK XK 400 150 070	400	150	70	150	••	148	159	SG	4.600
VK XK 425 150 050	425	150	50	150	••	148	114	SG	4.900
VK XK 425 150 060	425	150	60	150	••	148	139	SG	4.900
VK XK 425 150 070	425	150	70	150	••	148	159	SG	4.900
VK XK 450 100 050	450	100	50	100	••	98	114	SG	3.500
VK XK 450 100 060	450	100	60	100	••	98	139	SG	3.500
VK XK 450 100 070	450	100	70	100	••	98	139	SG	3.500
VK XK 450 125 050	450	125	50	125	••	123	114	SG	4.300
VK XK 450 125 060	450	125	60	125	••	123	139	SG	4.300
VK XK 450 125 070	450	125	70	125	••	123	159	SG	4.300
VK XK 500 100 050	500	100	50	100	••	98	114	SG	3.850
VK XK 500 100 060	500	100	60	100	••	98	139	SG	3.850
VK XK 500 100 070	500	100	70	100	••	98	159	SG	3.850
VK XK 500 125 060	500	125	60	125	••	123	139	SG	4.800
VK XK 500 125 070	500	125	70	125	••	123	159	SG	4.800
VK XK 500 125 080	500	125	80	125	••	123	171	SG	4.800
VK XK 500 150 060	500	150	60	150	••	148	139	SG	5.750
VK XK 500 150 070	500	150	70	150	••	148	159	SG	5.750
VK XK 500 150 080	500	150	80	150	••	148	171	SG	5.750
VK XK 500 230 060	500	230	60	230	••	228	139	SG	8.850
VK XK 500 230 070	500	230	70	230	••	228	159	SG	8.850
VK XK 500 230 080	500	230	80	230	••	228	171	SG	8.850
VK XK 530 150 060	530	150	60	150	••	148	139	SG	5.700
VK XK 530 150 070	530	150	70	150	••	148	159	SG	5.700
VK XK 530 150 080	530	150	80	150	••	148	159	SG	5.700
VK XK 600 150 060	600	150	60	150	••	148	139	SG	6.900
VK XK 600 150 070	600	150	70	150	••	148	159	SG	6.900
VK XK 600 150 080	600	150	80	150	••	148	171	SG	6.900
VK XK 600 175 070	600	175	70	175	••	173	159	SG	8.050
VK XK 600 175 080	600	175	80	175	••	173	171	SG	8.050
VK XK 600 175 090	600	175	90	175	••	173	193	SG	8.050
VK XK 600 200 080	600	200	80	200	••	198	171	SG	9.200
VK XK 600 200 090	600	200	90	200	••	198	193	SG	9.200

VULKOPRIN QUALITY IN MOTION

Load wheels
A-800 serie

Load capacity till 800kg
Wheel diameter 125<>200mm

VULKOLLAN®
THE ULTIMATE ELASTOMER

Rad Grauguß-Radkörper mit elastischem, fest aufgegossenem Laufbelag in VULKOLLAN® 92° Shore A: Farbe hellbraun, sehr abriebfest, hohe Tragfähigkeit - mit Präzisionskugellagern. Montiert in einem stahlgepreßten Schwerlastgehäuse mit zweireihigem Kugelkranz: glanzverzinkt, abgedichtet, stoßfest - Typen: Lenk, Lenk+Feststeller, Bock.

Wheel cast iron centre with elastic, firmly bonded tyre in VULKOLLAN® 92° Shore A: colour light brown, extremely wear-resistant, high load capacity - on precision ball bearings. Mounted in a heavy duty pressed steel castor with double ball race: zinc-plated, sealed, shock resistant - types: swivel, swivel+brake, fixed.

VKBK125AKN	**VKBK125AKNR**	**VKBK125AVN**	125	40	135×110	105×80	12	45		167,5	450
VKBK150AKN	**VKBK150AKNR**	**VKBK150AVN**	150	50	135×110	105×80	12	50		190	700
VKBK200AKN	**VKBK200AKNR**	**VKBK200AVN**	200	50	135×110	105×80	12	57		252,5	800

EXTRA HEAVY

Load wheels
U-1900 serie

Load capacity till 1.900kg
Wheel diameter 100<>300mm

VULKOLLAN®
THE ULTIMATE ELASTOMER

Rad Grauguß-Radkörper mit elastischem, fest aufgegossenem Laufbelag in VULKOLLAN® 92° Shore A: Farbe hellbraun, sehr abriebfest, hohe Tragfähigkeit - mit Präzisionskugellagern. Montiert in einem stahlgeschweißten Schwerlastgehäuse mit zweireihigem Kugelkranz: Schwarz lackiert, abgedichtet, stoßfest - Typen: Lenk, Lenk+Feststeller, Bock.

Wheel cast iron centre with elastic, firmly bonded tyre in VULKOLLAN® 92° Shore A: colour light brown, extremely wear-resistant, high load capacity - on precision ball bearings.
Mounted in a heavy duty steel welded castor with double ball race: black lacquered, sealed, shock resistant - types: swivel, swivel+brake, fixed.

VKLK100UPN	**VKLK100UPNR**	**VKLK100UVN**	100	35	100×85	80×60	10	36		150	300
VKLK125UPN	**VKLK125UPNR**	**VKLK125UVN**	125	35	135×110	100×85	12	45		175	375
VKBK150UPN	**VKBK150UPNR**	**VKBK150UVN**	150	50	135×110	100×85	12	50		205	700
VKBK200UPN	**VKBK200UPNR**	**VKBK200UVN**	200	50	135×110	105×80	12	57		260	1000
VKBK250UPO	**VKBK250UPOR**	**VKBK250UVO**	250	80	175×140	140×105	14	80		305	1400
VKHK300UPS	**VKHK300UPSR**	**VKHK300UVS**	300	80	200×200	160×160	16	83		370	1900

EXTRA HEAVY

Load wheels
W-2000 serie

Load capacity till 2.000kg
Wheel diameter 150<>200mm

covestro VULKOLLAN®
THE ULTIMATE ELASTOMER

Rad Grauguß-Radkörper mit elastischem, fest aufgegossenem Laufbelag in VULKOLLAN® 92° Shore A: Farbe hellbraun, sehr abriebfest, hohe Tragfähigkeit - mit Präzisionskugellagern.
Montiert in einem doppeltem stahlgeschweißten Schwerlastgehäuse mit zweireihigem Kugelkranz: Schwarz lackiert, abgedichtet, stoßfest - Typen: Lenk, Lenk+Feststeller, Bock.

Wheel cast iron centre with elastic, firmly bonded tyre in VULKOLLAN® 92° Shore A: colour light brown, extremely wear-resistant, high load capacity - on precision ball bearings.
Mounted in a heavy duty steel welded twin castor with double ball race: black lacquered, sealed, shock resistant - types: swivel, swivel+brake, fixed.

VKBK150WPS	**VKBK150WPSM**	**VKBK150WVS**	150	40	170×170	130×130	12	60		210	1100
VKBK200WPS	**VKBK200WPSM**	**VKBK200WVS**	200	40	170×170	130×130	16	72		270	2000

Load wheels
WKGK serie

Load capacity till 300kg
Wheel diameter 100<>200mm

Rad Aluminium-Radkörper mit elastischem, fest aufgegossenem Laufbelag in Polyurethan 92° Shore A: Farbe orange, nicht kreidend, sehr abriebfest - mit Präzisionskugellagern.
Montiert in einem stahlgepreßten Gehäuse mit zweireihigem Kugelkranz: glanzverzinkt, abgedichtet, leicht schwenkbar - Typen: Lenk, Lenk+Feststeller, Bock.

Wheel aluminium centre with elastic vulcanised polyurethane tyre 92° Shore A : colour orange, non-marking, highly wearresistant - on precision ball bearings.
Mounted in a pressed steel castor with double ball race: zinc-plated, sealed, smoothly pivoting - types: swivel, swivel+brake, fixed.

WK GK 100 PMM	**WK GK 100 PMMS**	**WK GK 100 PVM**	100	30	100×85	80×60	8,5×12	37		128	120
WK GK 125 PMM	**WK GK 125 PMMS**	**WK GK 125 PVM**	125	30	100×85	80×60	8,5×12	42		155	170
WK GK 160 PKN	**WK GK 160 PKNS**	**WK GK 160 PVN**	160	50	140×110	105×80	11×16	55		194	300
WK GK 200 PKN	**WK GK 200 PKNS**	**WK GK 200 PVN**	200	50	140×110	105×80	11×16	55		235	300

Load wheels
WKGK serie

Load capacity till 300kg
Wheel diameter 100<>200mm

Rad Aluminium-Radkörper mit elastischem, fest aufgegossenem Laufbelag in Polyurethan 92° Shore A: Farbe orange, nicht kreidend, sehr abriebfest - mit Präzisionskugellagern.
Montiert in einem stahlgepreßten Gehäuse mit zweireihigem Kugelkranz: glanzverzinkt, abgedichtet, leicht schwenkbar - Typen: Lenk, Lenk+Feststeller.

Wheel aluminium centre with elastic vulcanised polyurethane tyre 92° Shore A: colour orange, non-marking, highly wearresistant - on precision ball bearings.
Mounted in a pressed steel castor with double ball race: zinc-plated, sealed, smoothly pivoting - types: swivel, swivel+brake, fixed.

WK GK 100 PMC	**WK GK 100 PMCS**	100	30	12	37		128	120
WK GK 125 PMC	**WK GK 125 PMCS**	125	40	12	42		155	170
WK GK 160 PKC	**WK GK 160 PKCS**	160	50	12	55		194	200
WK GK 200 PKC	**WK GK 200 PKCS**	200	50	12	55		235	300

Load wheels
Serie WKGK

Load capacity till 800kg
Wheel diameter 100<>200mm

Rad Aluminium-Radkörper mit elastischem, fest aufgegossenem Laufbelag in Polyurethan 92° Shore A: Farbe orange, nicht kreidend, sehr abriebfest - mit Präzisionskugellagern.
Montiert in einem stahlgepreßten Gehäuse mit zweireihigem Kugelkranz: glanzverzinkt, abgedichtet, leicht schwenkbar - Typen: Lenk, Lenk+Feststeller, Bock.

Wheel aluminium centre with elastic vulcanised polyurethane tyre 92° Shore A : colour orange, non-marking, highly wearresistant - on precision ball bearings.
Mounted in a pressed steel castor with double ball race: zinc-plated, sealed, smoothly pivoting - types: swivel, swivel+brake, fixed.

WK GK 100 YKN	**WK GK 100 YKNS**	**WK GK 100 YVN**	100	30	100×85	80×60	9×12	36		135	200
WK GK 125 YKN	**WK GK 125 YKNS**	**WK GK 125 YVN**	125	45	135×110	105×80	13×16	45		166	300
WK GK 160 YKN	**WK GK 160 YKNS**	**WK GK 160 YVN**	160	50	135×110	105×80	13×16	57		216	500
WK GK 200 YKN	**WK GK 200 YKNS**	**WK GK 200 YVN**	200	57	135×110	105×80	13×16	57		251	800

Load wheels
PLVG serie

Load capacity till 300kg
Wheel diameter 80<>200mm

Rad in hochwertigem Polyamid PA6: Farbe weiß, hohe Abriebfestigkeit, stoß- und schlagfest - mit Rollenlager.
Montiert in einem stahlgepreßten Gehäuse mit zweireihigem Kugelkranz: glanzverzinkt, abgedichtet, leicht schwenkbar -Typen: Lenk, Lenk+Feststeller, Bock.

Wheel in high quality polyamide PA6: colour white, high wear resistance, shock- and impact resistant - on roller bearing.
Mounted in a pressed steel castor with double ball race: zinc-plated, sealed, smoothly pivoting - types: swivel, swivel+brake, fixed.

PL VG 080 PMM	**PL VG 080 PMMS**	**PL VG 080 PVM**	80	30	100×85	80×60	8,5×12	37		108	120
PL VG 100 PMM	**PL VG 100 PMMS**	**PL VG 100 PVM**	100	30	100×85	80×60	8,5×12	37		128	120
PL VG 125 PMM	**PL VG 125 PMMS**	**PL VG 125 PVM**	125	40	100×85	80×60	8,5×12	45		155	170
PL VG 150 PKN	**PL VG 150 PKNS**	**PL VG 150 PVN**	150	50	140×110	105×80	11×16	55		181	200
PL VG 200 PKN	**PL VG 200 PKNS**	**PL VG 200 PVN**	200	50	140×110	105×80	11×16	55		235	300

Load wheels
PLVG serie

Load capacity till 300kg
Wheel diameter 80<>200mm

Rad in hochwertigem Polyamid PA6: Farbe weiß, hohe Abriebfestigkeit, stoß- und schlagfest - mit Rollenlager. Montiert in einem stahlgepreßten Gehäuse mit zweireihigem Kugelkranz: glanzverzinkt, abgedichtet, leicht schwenkbar - Typen: Lenk, Lenk+Feststeller.

Wheel in high quality polyamide PA6: colour white, high wear resistance, shock- and impact resistant - on roller bearing.
Mounted in a pressed steel castor with double ball race: zinc-plated, sealed, smoothly pivoting - types: swivel, swivel+brake.

PL VG 080 PMC	**PL VG 080 PMCS**	80	30	12	37		108	120
PL VG 100 PMC	**PL VG 100 PMCS**	100	30	12	37		128	120
PL VG 125 PMC	**PL VG 125 PMCS**	125	40	12	45		155	170
PL VG 150 PKC	**PL VG 150 PKCS**	150	50	12	55		181	200
PL VG 200 PKC	**PL VG 200 PKCS**	200	50	12	55		235	300

Load wheels
PLSK serie

Load capacity till 550kg
Wheel diameter 100<>200mm

Rad in hochwertigem Polyamid PA6 (extra solide Ausführung): Farbe weiß, hohe Abriebfestigkeit, stoß- und schlagfest - mit Präzisionskugellagern.
Montiert in einem stahlgepreßten Schwerlastgehäuse mit zweireihigem Kugelkranz: glanzverzinkt, abgedichtet, stoßfest - Typen: Lenk, Lenk+Feststeller, Bock.

Wheel in high quality polyamide PA6 (extra solid version): colour white, high wear resistance, shock- and impact resistant - on precision ball bearings.
Mounted in a heavy duty pressed steel castor with double ball race:zinc-plated, sealed, shock resistant - types: swivel, swivel+brake, fixed.

PL SK 100 UKN	**PL SK 100 UKNR**	**PL SK 100 UVN**	100	40	100×85	80×60	9×12	36		135	175
PL SK 125 UKN	**PL SK 125 UKNR**	**PL SK 125 UVN**	125	45	135×110	105×80	13×16	45		166	300
PL SK 150 UKN	**PL SK 150 UKNR**	**PL SK 150 UVN**	150	50	135×110	105×80	13×16	57		211	400
PL SK 200 UKN	**PL SK 200 UKNR**	**PL SK 200 UVN**	200	57	135×110	105×80	13×16	57		251	550

Load wheels
RGVR serie

Load capacity till 300kg
Wheel diameter 80<>200mm

Rad Polyamid-Radkörper mit aufvulkanisiertem Elastik-Vollgummireifen 65° Shore A: Farbe grau, nicht kreidend, leichtlaufend - mit Rollenlager.
Montiert in einem stahlgepreßten Gehäuse mit zweireihigem Kugelkranz: glanzverzinkt, abgedichtet, leicht schwenkbar - Typen: Lenk, Lenk+Feststeller, Bock.

Wheel polyamide centre with elastic vulcanised tyre in rubber 65° Shore A: colour grey, non-marking, smoothly rolling - on roller bearing.
Mounted in a pressed steel castor with double ball race: zinc-plated, sealed, smoothly pivoting - types: swivel, swivel+brake, fixed.

RG VR 080 FJM	**RG VR 080 FJMS**	**RG VR 080 FVM**	80	36	100×85	80×60	8,5×12	37		108	120
RG VR 100 FJM	**RG VR 100 FJMS**	**RG VR 100 FVM**	100	36	100×85	80×60	8,5×12	37		128	120
RG VR 125 FJM	**RG VR 125 FJMS**	**RG VR 125 FVM**	125	36	100×85	80×60	8,5×12	42		155	170
RG VR 160 PKN	**RG VR 160 PKNS**	**RG VR 160 PVN**	160	50	140×110	105×80	11×16	55		194	300
RG VR 200 PKN	**RG VR 200 PKNS**	**RG VR 200 PVN**	200	50	140×110	105×80	11×16	55		235	300

Load wheels
RGVR serie

Load capacity till 170 kg
Wheel diameter 80<>125 mm

Rad Polyamid-Radkörper mit aufvulkanisiertem Elastik-Vollgummireifen 65° Shore A: Farbe grau, nicht kreidend, leichtlaufend - mit Rollenlager.
Montiert in einem stahlgepreßten Gehäuse mit zweireihigem Kugelkranz: glanzverzinkt, abgedichtet, leicht schwenkbar - Typen: Lenk, Lenk+Feststeller.

Wheel polyamide centre with elastic vulcanised tyre in rubber 65° Shore A : colour grey, non-marking, smoothly rolling - on roller bearing.
Mounted in a pressed steel castor with double ball race: zinc-plated, sealed, smoothly pivoting - types: swivel, swivel+brake.

RG VR 080 FJC	**RG VR 080 FJCS**	80	36	12	37		108	120
RG VR 100 FJC	**RG VR 100 FJCS**	100	36	12	37		128	130
RG VR 125 FJC	**RG VR 125 FJCS**	125	36	12	42		155	170

Load wheels
RTFK serie

Load capacity till 105kg
Wheel diameter 75<>125mm

Rad Polypropylen-Felge mit thermoplastischem Vollgummireifen 90° Shore A: Farbe grau, nicht kreidend, sehr leichtlaufend - mit 2RS Präzisionskugellager.
Montiert in einem stahlgepreßten Gehäuse mit zweireihigem Kugelkranz: glanzverzinkt, abgedichtet, leicht schwenkbar - Typen: Lenk, Lenk+Feststeller, Bock.

Wheel polypropylene centre with thermoplastic rubber tyre 90° Shore A: colour grey, non-marking, smoothly rolling - on 2RS precision ball bearing.
Mounted in a pressed steel castor with double ball race: zincplated, sealed, smoothly pivoting - types: swivel, swivel+brake, fixed.

RT FK 080 PMMOS)	RT FK 080 PMMSS)	RT FK 080 PVMOS)	75	28	100×85	80×60	8,5×12	40		105	75
RT FK 100 PMMOS)	RT FK 100 PMMSS)	RT FK 100 PVMOS)	100	32	100×85	80×60	8,5×12	37		128	100
RT FK 125 PMMOS)	RT FK 125 PMMSS)	RT FK 125 PVMOS)	125	32	100×85	80×60	8,5×12	37		154	105

Load wheels
RTFK serie

Load capacity till 105kg
Wheel diameter 75<>125mm

Rad Polypropylen-Felge mit thermoplastischem Vollgummireifen 90° Shore A: Farbe grau, nicht kreidend, sehr leichtlaufend - mit 2RS Präzisionskugellager.
Montiert in einem stahlgepreßten Gehäuse mit zweireihigem Kugelkranz: glanzverzinkt, abgedichtet, leicht schwenkbar - Typen: Lenk, Lenk+Feststeller.

Wheel polypropylene centre with thermoplastic rubber tyre 90° Shore A: colour grey, non-marking, smoothly rolling - on 2RS precision ball bearing.
Mounted in a pressed steel castor with double ball race: zinc-plated, sealed, smoothly pivoting - types: swivel, swivel+brake.

RT FK 080 PMCOS)	RT FK 080 PMCSS)	75	28	12	40		105	75
RT FK 100 PMCOS)	RT FK 100 PMCSS)	100	32	12	37		128	100
RT FK 125 PMCOS)	RT FK 125 PMCSS)	125	32	12	37		154	105

Load wheels
ENGK serie

Load capacity till 400kg
Wheel diameter 125<>200mm

Rad Aluminium-Radkörper mit aufvulkanisiertem Elastik-Vollgummireifen 75° Shore A: Farbe schwarz, sehr abriebfest, leichtlaufend - mit Präzisionskugellagern.
Montiert in einem stahlgepreßten Schwerlastgehäuse mit zweireihigem Kugelkranz: glanzverzinkt, abgedichtet, stoßfest - Typen: Lenk, Lenk+Feststeller, Bock.

Wheel aluminium centre with elastic vulcanised rubber tyre 75° Shore A: colour black, highly wear-resistant, smoothly rolling - on precision ball bearings.
Mounted in a heavy duty pressed steel castor with double ball race: zinc-plated, sealed, shock resistant - types: swivel, swivel+brake, fixed.

EN GK 125 YKN	**EN GK 125 YKNS**	**EN GK 125 YVN**	125	40	135×110	105×80	13×16	45		166	200
EN GK 160 YKN	**EN GK 160 YKNS**	**EN GK 160 YVN**	160	50	135×110	105×80	13×16	57		216	300
EN GK 200 YKN	**EN GK 200 YKNS**	**EN GK 200 YVN**	200	50	135×110	105×80	13×16	57		251	400

STAINLESS

Load wheels
PLVG serie INOX

Load capacity till 150kg
Wheel diameter 80<>125mm

Wheel in high quality polyamide PA6: colour white, high wear resistance, shock- and impact resistant - on plain bearing.
Mounted in a pressed stainless steel castor with double ball race: corrosion resistant, sealed, smoothly pivoting - types: swivel, swivel+brake, fixed.

Rad in hochwertigem Polyamid PA6: Farbe weiß, hohe Abriebfestigkeit, stoß- und schlagfest - mit Gleitlager. Montiert in einem gepreßtem Edelstahlgehäuse mit zweireihigem Kugelkranz: korrosionsbeständig, abgedichtet, leicht schwenkbar - Typen: Lenk, Lenk+Feststeller, Bock.

PL VG 080 IMM	**PL VG 080 IMMS**	**PL VG 080 IVM**	80	30	100×85	80×60	8,5×12	37		107	120
PL VG 100 IMM	**PL VG 100 IMMS**	**PL VG 100 IVM**	100	30	100×85	80×60	8,5×12	37		128	150
PL VG 125 IMM	**PL VG 125 IMMS**	**PL VG 125 IVM**	125	40	100×85	80×60	8,5×12	45		155	150

STAINLESS

Load wheels
PLVG serie INOX

Load capacity till 150kg
Wheel diameter 80<>125mm

Rad in hochwertigem Polyamid PA6: Farbe weiß, hohe Abriebfestigkeit, stoß- und schlagfest - mit Gleitlager. Montiert in einem gepreßtem Edelstahlgehäuse mit zweireihigem Kugelkranz: korrosionsbeständig, abgedichtet, leicht schwenkbar - Typen: Lenk, Lenk+Feststeller.

Wheel in high quality polyamide PA6: colour white, high wear resistance, shock- and impact resistant - on plain bearing.
Mounted in a pressed stainless steel castor with double ball race: corrosion resistant, sealed, smoothly pivoting - types: swivel, swivel+brake.

PL VG 080 IMC	**PL VG 080 IMCS**	80	30	12	37		107	120
PL VG 100 IMC	**PL VG 100 IMCS**	100	30	12	37		128	150
PL VG 125 IMC	**PL VG 125 IMCS**	125	40	12	45		155	150

STAINLESS

Load wheels
RTFK serie INOX

Load capacity till 105kg
Wheel diameter 75<>125mm

Rad Polypropylen-Felge mit thermoplastischem Vollgummireifen 90° Shore A: Farbe grau, nicht kreidend, sehr leichtlaufend - mit 2RS Präzisionskugellager.
Montiert in einem gepreßtem Edelstahlgehäuse mit zweireihigem Kugelkranz: korrosionsbeständig, abgedichtet, leicht schwenkbar - Typen: Lenk, Lenk+Feststeller, Bock.

Wheel polypropylene centre with thermoplastic rubber tyre 90° Shore A: colour grey, non-marking, smoothly rolling - on 2RS precision ball bearing.
Mounted in a pressed stainless steel castor with double ball race: corrosion resistant, sealed, smoothly pivoting - types: swivel, swivel+brake, fixed.

RT FK 080 IMMOS)	RT FK 080 IMMSS)	RT FK 080 IVMOS)	75	28	100×85	80×60	8,5×12	40		105	75
RT FK 100 IMMOS)	RT FK 100 IMMSS)	RT FK 100 IVMOS)	100	32	100×85	80×60	8,5×12	37		128	100
RT FK 125 IMMOS)	RT FK 125 IMMSS)	RT FK 125 IVMOS)	125	32	100×85	80×60	8,5×12	37		154	105

STAINLESS

Load wheels
RTFK serie INOX

Load capacity till 105kg
Wheel diameter 75<>125mm

Rad Polypropylen-Felge mit thermoplastischem Vollgummireifen 90° Shore A: Farbe grau, nicht kreidend, sehr leichtlaufend - mit 2RS Präzisionskugellager.
Montiert in einem gepreßtem Edelstahlgehäuse mit zweireihigem Kugelkranz: korrosionsbeständig, abgedichtet, leicht schwenkbar - Typen: Lenk, Lenk+Feststeller.

Wheel polypropylene centre with thermoplastic rubber tyre 90° Shore A: colour grey, non-marking, smoothly rolling - on 2RS precision ball bearing.
Mounted in a pressed stainless steel castor with double ball race: corrosion resistant, sealed, smoothly pivoting - types: swivel, swivel+brake.

RT FK 080 IMCOS)	RT FK 080 IMCSS)	75	28	12	40		105	75
RT FK 100 IMCOS)	RT FK 100 IMCSS)	100	32	12	37		128	100
RT FK 125 IMCOS)	RT FK 125 IMCSS)	125	32	12	37		154	105

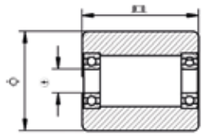
Rollers

Products made of
Vulkollan® polyurethane,
Printhane™ polyurethane,
Printalon® polyamide

Material handling

Vulkollan palletrollers

PALLETROLLERS WITH BEARINGS



VULKOLLAN® THE ULTIMATE ELASTOMER

Hubstaplerrolle mit Stahlkörper und elastischem, fest aufgegossenem Laufbelag in VULKOLLAN® 92° Shore A: Farbe hellbraun, sehr abriebfest, hohe Tragfähigkeit - mit ZZ Präzisionskugellagern.

Palletroller with steel centre and elastic, firmly bonded tyre in VULKOLLAN® 92° Shore A: colour light brown, extremely wear-resistant, high load capacity - on ZZ precision ball bearings.

				4	12	
50	**40**	15	38	180	150	**VK TK 050 040 015**
50	**50**	10	48	225	185	**VK TK 050 050 010**
50	**50**	15	48	225	185	**VK TK 050 050 015**
50	**50**	17	48	225	185	**VK TK 050 050 017**
50	**80**	10	78	360	295	**VK TK 050 080 010**
60	**50**	10	48	270	220	**VK TK 060 050 010**
60	**50**	15	48	270	220	**VK TK 060 050 015**
60	**50**	17	48	270	220	**VK TK 060 050 017**
60	**60**	20	58	325	265	**VK TK 060 060 020**
60	**70**	15	68	375	310	**VK TK 060 070 015**
65	**40**	20	38	230	190	**VK TK 065 040 020**
65	**45**	20	43	260	215	**VK TK 065 045 020**
65	**50**	17	48	290	235	**VK TK 065 050 017**
65	**100**	20	100	580	475	**VK TK 065 100 020**
70	**40**	17	38	250	205	**VK TK 070 040 017**
70	**56**	17	54	345	280	**VK TK 070 056 017**
70	**60**	15	58	365	300	**VK TK 070 060 015**
70	**60**	20	58	365	300	**VK TK 070 060 020**
70	**60**	25	58	365	300	**VK TK 070 060 025**
70	**70**	15	68	430	350	**VK TK 070 070 015**
70	**70**	17	68	425	345	**VK TK 070 070 017**
70	**70**	20	68	430	350	**VK TK 070 070 020**
70	**95**	20	93	580	475	**VK TK 070 095 020**
75	**40**	17	38	265	215	**VK TK 075 040 017**
75	**40**	20	38	265	215	**VK TK 075 040 020**
75	**40**	25	38	265	215	**VK TK 075 040 025**
75	**45**	20	43	295	245	**VK TK 075 045 020**
75	**45**	25	43	295	245	**VK TK 075 045 025**
75	**62**	17	60	400	330	**VK TK 075 062 017**
75	**62**	20	60	400	330	**VK TK 075 062 020**
75	**62**	25	60	400	330	**VK TK 075 062 025**

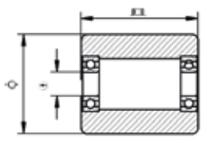
				4	12	
75	**75**	17	73	485	395	**VK TK 075 075 017**
75	**75**	20	73	485	395	**VK TK 075 075 020**
75	**80**	17	78	515	425	**VK TK 075 080 017**
75	**80**	20	78	515	425	**VK TK 075 080 020**
75	**90**	17	88	580	475	**VK TK 075 090 017**
75	**90**	20	88	580	475	**VK TK 075 090 020**
75	**95**	17	93	625	510	**VK TK 075 095 017**
75	**95**	20	93	615	505	**VK TK 075 095 020**
75	**95**	25	93	625	510	**VK TK 075 095 025**
75	**98**	20	96	645	530	**VK TK 075 098 020**
75	**100**	20	98	660	540	**VK TK 075 100 020**
76	**50**	25	48	330	270	**VK TK 076 050 025**
78	**78**	20	76	530	435	**VK TK 078 078 020**
80	**30**	12	28	210	175	**VK TK 080 030 012**
80	**30**	20	28	215	175	**VK TK 080 030 020**
80	**34**	12	32	240	195	**VK TK 080 034 012**
80	**40**	12	38	280	230	**VK TK 080 040 012**
80	**40**	15	38	275	225	**VK TK 080 040 015**
80	**40**	20	38	285	235	**VK TK 080 040 020**
80	**40**	25	38	285	235	**VK TK 080 040 025**
80	**54**	17	52	385	315	**VK TK 080 054 017**
80	**54**	20	52	385	315	**VK TK 080 054 020**
80	**54**	25	52	385	315	**VK TK 080 054 025**
80	**56**	20	54	400	325	**VK TK 080 056 020**
80	**60**	15	58	425	350	**VK TK 080 060 015**
80	**60**	17	58	425	350	**VK TK 080 060 017**
80	**60**	20	58	425	350	**VK TK 080 060 020**
80	**60**	25	58	425	350	**VK TK 080 060 025**
80	**62**	20	60	440	360	**VK TK 080 062 020**
80	**62**	25	60	440	360	**VK TK 080 062 025**
80	**65**	17	63	465	380	**VK TK 080 065 017**
80	**65**	20	63	465	380	**VK TK 080 065 020**
80	**65**	25	63	465	380	**VK TK 080 065 025**
80	**70**	17	68	500	410	**VK TK 080 070 017**
80	**70**	20	68	500	410	**VK TK 080 070 020**
80	**70**	25	68	500	410	**VK TK 080 070 025**
80	**71**	17	69	505	415	**VK TK 080 071 017**
80	**73**	20	71	520	425	**VK TK 080 073 020**
80	**73**	25	71	520	425	**VK TK 080 073 025**
80	**79**	20	77	560	460	**VK TK 080 079 020**
80	**79**	25	73	560	460	**VK TK 080 079 025**
80	**88**	20	86	625	515	**VK TK 080 088 020**
80	**90**	17	88	640	525	**VK TK 080 090 017**
80	**90**	20	88	640	525	**VK TK 080 090 020**
80	**95**	17	93	675	555	**VK TK 080 095 017**
80	**95**	20	93	675	555	**VK TK 080 095 020**
80	**95**	25	93	675	555	**VK TK 080 095 025**
82	**34**	12	32	245	200	**VK TK 082 034 012**
82	**34**	17	32	245	200	**VK TK 082 034 017**

				4	12	
82	**50**	20	48	365	295	**VK TK 082 050 020**
82	**50**	25	48	365	295	**VK TK 082 050 025**
82	**60**	20	58	435	355	**VK TK 082 060 020**
82	**60**	25	58	435	355	**VK TK 082 060 025**
82	**76**	20	74	550	450	**VK TK 082 076 020**
82	**101**	25	99	730	600	**VK TK 082 101 025**
82	**105**	25	103	760	625	**VK TK 082 105 025**
82	**127**	25	125	920	755	**VK TK 082 127 025**
83	**60**	25	58	440	360	**VK TK 083 060 025**
83	**70**	20	68	510	420	**VK TK 083 070 020**
83	**76**	30	74	555	455	**VK TK 083 076 030**
83	**79**	20	77	580	475	**VK TK 083 079 020**
83	**79**	25	77	580	475	**VK TK 083 079 025**
83	**87**	17	85	635	520	**VK TK 083 865 017**
83	**87**	20	85	635	520	**VK TK 083 865 020**
83	**87**	25	85	635	520	**VK TK 083 865 025**
83	**100**	17	98	730	600	**VK TK 083 100 017**
83	**100**	20	98	730	600	**VK TK 083 100 020**
83	**100**	25	98	730	600	**VK TK 083 100 025**
85	**40**	20	38	300	245	**VK TK 085 040 020**
85	**45**	17	43	335	275	**VK TK 085 045 017**
85	**45**	20	43	335	275	**VK TK 085 045 020**
85	**45**	25	43	335	275	**VK TK 085 045 025**
85	**50**	17	48	370	305	**VK TK 085 050 017**
85	**50**	20	48	370	305	**VK TK 085 050 020**
85	**50**	25	48	370	305	**VK TK 085 050 025**
85	**55**	17	53	410	335	**VK TK 085 055 017**
85	**55**	20	53	410	335	**VK TK 085 055 020**
85	**55**	25	53	410	335	**VK TK 085 055 025**
85	**60**	17	58	445	365	**VK TK 085 060 017**
85	**60**	20	58	445	365	**VK TK 085 060 020**
85	**60**	25	58	445	365	**VK TK 085 060 025**
85	**65**	17	63	485	395	**VK TK 085 065 017**
85	**65**	20	63	485	395	**VK TK 085 065 020**
85	**65**	25	63	485	395	**VK TK 085 065 025**
85	**70**	17	68	520	425	**VK TK 085 070 017**
85	**70**	20	68	520	425	**VK TK 085 070 020**
85	**70**	25	68	520	425	**VK TK 085 070 025**
85	**75**	17	73	560	460	**VK TK 085 075 017**
85	**75**	25	73	560	460	**VK TK 085 075 025**
85	**80**	17	78	595	490	**VK TK 085 080 017**
85	**80**	20	78	595	490	**VK TK 085 080 020**
85	**80**	25	78	595	490	**VK TK 085 080 025**
85	**85**	17	83	635	520	**VK TK 085 085 017**
85	**85**	20	83	635	520	**VK TK 085 085 020**
85	**85**	25	83	635	520	**VK TK 085 085 025**
85	**90**	17	88	670	550	**VK TK 085 090 017**
85	**90**	20	88	670	550	**VK TK 085 090 020**
85	**90**	25	88	670	550	**VK TK 085 090 025**

				4	12	
85	**95**	17	93	705	580	**VK TK 085 095 017**
85	**95**	20	93	705	580	**VK TK 085 095 020**
85	**95**	25	93	705	580	**VK TK 085 095 025**
85	**100**	17	98	745	610	**VK TK 085 100 017**
85	**100**	20	98	745	610	**VK TK 085 100 020**
85	**100**	25	98	745	610	**VK TK 085 100 025**
85	**105**	17	103	780	640	**VK TK 085 105 017**
85	**105**	20	103	780	640	**VK TK 085 105 020**
85	**105**	25	103	780	640	**VK TK 085 105 025**
85	**105**	30	103	780	640	**VK TK 085 105 030**
85	**110**	20	108	820	670	**VK TK 085 110 020**
85	**110**	25	108	820	670	**VK TK 085 110 025**
85	**110**	30	108	820	670	**VK TK 085 110 030**
85	**115**	20	113	855	700	**VK TK 085 115 020**
85	**115**	25	113	855	700	**VK TK 085 115 025**
85	**115**	30	113	875	715	**VK TK 085 115 030**
85	**118**	20	116	880	720	**VK TK 085 118 020**
85	**118**	25	116	880	720	**VK TK 085 118 025**
85	**138**	20	136	1.025	840	**VK TK 085 138 020**
85	**138**	25	136	1.025	840	**VK TK 085 138 025**

Material handling

Polyamide palletrollers
PALLETROLLERS WITH BEARINGS



Hubstaplerrolle in hochwertigem Polyamid PA6 (extra solide Ausführung): Farbe weiß, hohe Abriebfestigkeit, stoß- und schlagfest - mit Präzisionskugellagern.

Palletroller in high quality polyamide PA6 (extra solid version): colour white, high wear resistance, shock- and impact resistant: on precision ball bearings.

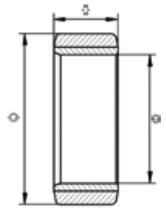
				4	
85	**65**	20	63	650	**PL TK 085 065 020**
85	**65**	25	63	650	**PL TK 085 065 025**
85	**70**	20	68	700	**PL TK 085 070 020**
85	**70**	25	68	700	**PL TK 085 070 025**
85	**75**	20	73	750	**PL TK 085 075 020**
85	**75**	25	73	750	**PL TK 085 075 025**
85	**80**	20	78	800	**PL TK 085 080 020**
85	**80**	25	78	800	**PL TK 085 080 025**
85	**85**	20	83	850	**PL TK 085 085 020**
85	**85**	25	83	850	**PL TK 085 085 025**
85	**90**	20	88	900	**PL TK 085 090 020**
85	**90**	25	88	900	**PL TK 085 090 025**
85	**95**	20	93	950	**PL TK 085 095 020**
85	**95**	25	93	950	**PL TK 085 095 025**
85	**100**	20	98	1.000	**PL TK 085 100 020 B**
85	**100**	25	98	1.000	**PL TK 085 100 025**
85	**110**	20	108	1.100	**PL TK 085 110 020**
85	**110**	25	108	1.100	**PL TK 085 110 025**

Cylindrical press-on tyres

Press-on tyre or bandages consist of a **custom - machined steel ring with elastic tread.** These press-on tyres are pressed onto a metal core with a heavy press fitting. Metric and imperial versions are available.

Material handling
Tyres

Vulkollan cylindrical press-on tyres



Zylindrische Stahlfelge nach ETRTO Toleranzen
Metrisch und Zoll
Laufbelag in VULKOLLAN® 92° Shore A (fest aufgegossen) Glatt (FL) oder mit Profil (GL)

Cylindrical steel rim in acc. with ETRTO tolerances
Metric and inch
Tyre in VULKOLLAN® 92° Shore A (firmly bonded) Flat (FL) or profiled (GL)

95	50	50,0			FL	400	325	**VK FL 095 050 050**
80	25	55,0			FL	180	150	**VK FL 080 025 055**
90	35	55,0			FL	275	225	**VK FL 090 035 055**
100	43	55,0			FL	375	300	**VK FL 100 043 055**
125	65	55,0			FL	625	525	**VK FL 125 065 055**
100	70	55,0			FL	600	500	**VK FL 100 070 055**
100	30	75,0			FL	275	225	**VK FL 100 030 075**
110	30	75,0			FL	300	250	**VK FL 110 030 075**
100	32	75,0			FL	300	250	**VK FL 100 032 075**
125	32	75,0			FL	325	275	**VK FL 125 032 075**
125	40	75,0			FL	425	350	**VK FL 125 040 075**
120	45	75,0			FL	450	375	**VK FL 120 045 075**
125	50	75,0			FL	525	425	**VK FL 125 050 075**
200	70	75,0			FL	900	750	**VK FL 200 070 075**
180	75	80,0			FL	950	775	**VK FL 180 075 080**
140	115	80,0			FL	1.300	1.050	**VK FL 140 115 080**
150	50	84,0			FL	600	500	**VK FL 150 050 084**
150	60	84,0			FL	725	600	**VK FL 150 060 084**
110	75	84,0			FL	750	625	**VK FL 110 075 084**
150	75	84,0			FL	900	750	**VK FL 150 075 084**
150	84	84,0			FL	1.000	825	**VK FL 150 084 084**
135	50	85,0			FL	575	475	**VK FL 135 050 085**
140	80	85,0			FL	925	750	**VK FL 140 080 085**
150	100	85,0			FL	1.200	1.000	**VK FL 150 100 085**
125	45	90,0			FL	500	400	**VK FL 125 045 090**
125	50	90,0			FL	550	450	**VK FL 125 050 090**
155	100	90,0			FL	1.250	1.050	**VK FL 155 100 090**
120	35	95,0			FL	375	300	**VK FL 120 035 095**
150	30	100,0			FL	375	300	**VK FL 150 030 100**
150	40	100,0			FL	500	400	**VK FL 150 040 100**
140	50	100,0			FL	600	500	**VK FL 140 050 100**
150	50	100,0			FL	625	525	**VK FL 150 050 100**
160	50	100,0			FL	650	525	**VK FL 160 050 100**
200	50	100,0			FL	700	575	**VK FL 200 050 100**
150	55	100,0			FL	700	575	**VK FL 150 055 100**
140	60	100,0			FL	725	600	**VK FL 140 060 100**
160	60	100,0			FL	775	625	**VK FL 160 060 100**
150	65	100,0			FL	825	675	**VK FL 150 065 100**
150	70	100,0			FL	875	725	**VK FL 150 070 100**
150	75	100,0			FL	950	775	**VK FL 150 075 100**
160	75	100,0			FL	975	800	**VK FL 160 075 100**
170	75	100,0			FL	1.000	825	**VK FL 170 075 100**
180	75	100,0			FL	1.000	800	**VK FL 180 075 100**
200	75	100,0			FL	1.050	850	**VK FL 200 075 100**
150	85	100,0			FL	1.050	850	**VK FL 150 085 100**
150	130	100,0			FL	1.650	1.350	**VK FL 150 130 100**
200	50	105,0			FL	725	600	**VK FL 200 050 105**
200	85	105,0			FL	1.200	1.000	**VK FL 200 085 105**
200	85	105,0			GL	1.200	1.000	**VK FP 200 085 105**
150	100	105,0			FL	1.300	1.050	**VK FL 150 100 105**
180	100	105,0			FL	1.400	1.150	**VK FL 180 100 105**
200	120	105,0			FL	1.750	1.450	**VK FL 200 120 105**
200	130	105,0			FL	1.850	1.500	**VK FL 200 130 105**
180	50	110,0			FL	700	575	**VK FL 180 050 110**
180	75	110,0			FL	1.050	850	**VK FL 180 075 110**
150	100	110,0			FL	1.300	1.050	**VK FL 150 100 110**
180	32	120,0			FL	475	400	**VK FL 180 032 120**
180	40	120,0			FL	575	475	**VK FL 180 040 120**
180	50	120,0			FL	725	600	**VK FL 180 050 120**
170	70	120,0			FL	1.000	800	**VK FL 170 070 120**
180	75	120,0			FL	1.100	900	**VK FL 180 075 120**
200	75	120,0			FL	1.150	950	**VK FL 200 075 120**
230	75	120,0			FL	1.200	1.000	**VK FL 230 075 120**
200	80	120,0			FL	1.200	1.000	**VK FL 200 080 120**
180	100	120,0			FL	1.450	1.200	**VK FL 180 100 120**
270	100	120,0			FL	1.600	1.300	**VK FL 270 100 120**
200	105	120,0			FL	1.600	1.300	**VK FL 200 105 120**
200	120	120,0			FL	1.800	1.500	**VK FL 200 120 120**
200	125	120,0			FL	1.900	1.550	**VK FL 200 125 120**
200	130	120,0			FL	2.000	1.650	**VK FL 200 130 120**
175	35	125,0			FL	525	425	**VK FL 175 035 125**
175	50	125,0			FL	725	600	**VK FL 175 050 125**
190	51	127,0	7 1/2 x 2	x 5	FL	775	625	**VK DL 190 051 1270**
190	85	127,0			FL	1.300	1.050	**VK FL 190 085 127**
230	89	127,0	9	x 3 1/2 x 5	FL	1.450	1.200	**VK DL 230 089 1270**
230	127	127,0	9	x 5 x 5	FL	2.050	1.700	**VK DL 230 127 1270**
267	178	127,0	10 1/2 x 7	x 5	FL	2.900	2.400	**VK DL 267 178 1270**
200	45	140,0			FL	725	600	**VK FL 200 045 140**
180	50	140,0			FL	775	625	**VK FL 180 050 140**
200	50	140,0			FL	825	675	**VK FL 200 050 140**

200	70	140,0				FL	1.150	950	VK FL 200 070 140
250	75	140,0				FL	1.300	1.050	VK FL 250 075 140
250	90	140,0				FL	1.550	1.250	VK FL 250 090 140
210	100	140,0				FL	1.650	1.350	VK FL 210 100 140
220	100	140,0				FL	1.650	1.350	VK FL 220 100 140
230	100	140,0				FL	1.700	1.400	VK FL 230 100 140
250	120	140,0				FL	2.050	1.700	VK FL 250 120 140
280	120	140,0				FL	2.050	1.700	VK FL 280 120 140
205	125	140,0				FL	2.050	1.700	VK FL 205 125 140
200	130	140,0				FL	2.100	1.700	VK FL 200 130 140
250	130	140,0				FL	2.200	1.800	VK FL 250 130 140
250	130	140,0				GL	2.200	1.800	VK FP 250 130 140
250	150	140,0				FL	2.600	2.100	VK FL 250 150 140
200	170	140,0				FL	2.800	2.300	VK FL 200 170 140
200	45	145,0				FL	750	625	VK FL 200 045 145
200	50	145,0				FL	825	675	VK FL 200 050 145
210	50	145,0				FL	850	700	VK FL 210 050 145
200	55	145,0				FL	900	750	VK FL 200 055 145
230	85	145,0				FL	1.450	1.200	VK FL 230 085 145
225	100	145,0				FL	1.700	1.400	VK FL 225 100 145
200	120	145,0				FL	2.000	1.650	VK FL 200 120 145
250	120	145,0				FL	2.100	1.700	VK FL 250 120 145
255	125	145,0				FL	2.150	1.750	VK FL 255 125 145
200	135	145,0				FL	2.250	1.850	VK FL 200 135 145
250	135	145,0				FL	2.350	1.950	VK FL 250 135 145
280	135	145,0				FL	2.350	1.950	VK FL 280 135 145
200	60	150,0				FL	1.000	800	VK FL 200 060 150
220	70	150,0				FL	1.200	1.000	VK FL 220 070 150
200	75	150,0				FL	1.250	1.050	VK FL 200 075 150
250	90	150,0				FL	1.600	1.300	VK FL 250 090 150
200	100	150,0				FL	1.700	1.400	VK FL 200 100 150
220	100	150,0				FL	1.750	1.450	VK FL 220 100 150
225	100	150,0				FL	1.750	1.450	VK FL 225 100 150
250	100	150,0				FL	1.750	1.450	VK FL 250 100 150
220	110	150,0				FL	1.900	1.550	VK FL 220 110 150
254	102	157,1	10	x 4	x 6 3/16	GL	1.850	1.500	VK DP 254 102 1571
254	127	157,1	10	x 5	x 6 3/16	FL	2.350	1.950	VK DL 254 127 1571
254	127	157,1	10	x 5	x 6 3/16	GL	2.350	1.950	VK DP 254 127 1571
254	76	158,7	10	x 3	x 6 1/4	FL	1.400	1.150	VK DL 254 076 1587
254	76	158,7	10	x 3	x 6 1/4	GL	1.400	1.150	VK DP 254 076 1587
254	102	158,7	10	x 4	x 6 1/4	FL	1.900	1.550	VK DL 254 102 1587
254	102	158,7	10	x 4	x 6 1/4	GL	1.900	1.550	VK DP 254 102 1587
254	127	158,7	10	x 5	x 6 1/4	FL	2.350	1.950	VK DL 254 127 1587
254	127	158,7	10	x 5	x 6 1/4	GL	2.350	1.950	VK DP 254 127 1587
254	152	158,7	10	x 6	x 6 1/4	FL	2.800	2.300	VK DL 254 152 1587
220	40	160,0				FL	725	600	VK FL 220 040 160
220	60	160,0				FL	1.100	900	VK FL 220 060 160
230	75	160,0				FL	1.350	1.100	VK FL 230 075 160
200	100	160,0				FL	1.750	1.450	VK FL 200 100 160

265	130	160,0				FL	2.400	1.950	VK FL 265 130 160
265	160	160,0				FL	3.000	2.500	VK FL 265 160 160
254	76	165,1	10	x 3	x 6 1/2	FL	1.450	1.200	VK DL 254 076 1651
254	76	165,1	10	x 3	x 6 1/2	GL	1.450	1.200	VK DP 254 076 1651
254	102	165,1	10	x 4	x 6 1/2	FL	1.950	1.600	VK DL 254 102 1651
254	102	165,1	10	x 4	x 6 1/2	GL	1.950	1.600	VK DP 254 102 1651
254	114	165,1	10	x 4 1/2	x 6 1/2	FL	2.150	1.750	VK DL 254 114 1651
267	114	165,1	10 1/2	x 4 1/2	x 6 1/2	FL	2.150	1.750	VK DL 267 114 1651
254	127	165,1	10	x 5	x 6 1/2	FL	2.400	1.950	VK DL 254 127 1651
254	127	165,1	10	x 5	x 6 1/2	GL	2.400	1.950	VK DP 254 127 1651
267	127	165,1	10 1/2	x 5	x 6 1/2	FL	2.400	1.950	VK DL 267 127 1651
295	135	165,1	11 5/8	x 5 5/16	x 6 1/2	FL	2.500	2.100	VK DL 295 135 1651
305	135	165,1	12	x 5 5/16	x 6 1/2	FL	2.500	2.100	VK DL 305 135 1651
267	152	165,1	10 1/2	x 6	x 6 1/2	FL	2.900	2.400	VK DL 267 152 1651
210	40	170,0				FL	750	625	VK FL 210 040 170
220	45	170,0				FL	850	700	VK FL 220 045 170
220	46	170,0				FL	850	700	VK FL 220 046 170
230	50	170,0				FL	950	775	VK FL 230 050 170
250	60	170,0				FL	1.150	950	VK FL 250 060 170
260	60	170,0				FL	1.150	950	VK FL 260 060 170
220	70	170,0				FL	1.300	1.050	VK FL 220 070 170
230	70	170,0				FL	1.350	1.100	VK FL 230 070 170
230	75	170,0				FL	1.400	1.150	VK FL 230 075 170
230	75	170,0				GL	1.400	1.150	VK FP 230 075 170
250	75	170,0				FL	1.450	1.200	VK FL 250 075 170
270	75	170,0				FL	1.450	1.200	VK FL 270 075 170
280	75	170,0				FL	1.450	1.200	VK FL 280 075 170
250	80	170,0				FL	1.550	1.250	VK FL 250 080 170
250	80	170,0				GL	1.550	1.250	VK FP 250 080 170
230	85	170,0				FL	1.600	1.300	VK FL 230 085 170
230	85	170,0				GL	1.600	1.300	VK FP 230 085 170
260	85	170,0				FL	1.650	1.350	VK FL 260 085 170
260	85	170,0				GL	1.650	1.350	VK FP 260 085 170
300	85	170,0				FL	1.650	1.350	VK FL 300 085 170
230	100	170,0				FL	1.900	1.550	VK FL 230 100 170
250	100	170,0				FL	1.900	1.550	VK FL 250 100 170
245	105	170,0				FL	2.000	1.650	VK FL 245 105 170
250	105	170,0				FL	2.000	1.650	VK FL 250 105 170
260	105	170,0				FL	2.000	1.650	VK FL 260 105 170
260	105	170,0				GL	2.000	1.650	VK FP 260 105 170
270	105	170,0				FL	2.050	1.700	VK FL 270 105 170
255	120	170,0				FL	2.300	1.900	VK FL 255 120 170
260	130	170,0				FL	2.500	2.100	VK FL 260 130 170
260	130	170,0				GL	2.500	2.100	VK FP 260 130 170
230	335	170,0				FL	6.300	5.200	VK FL 230 335 170
230	350	170,0				FL	6.600	5.400	VK FL 230 350 170
230	70	177,8	9	x 2 3/4	x 7	FL	1.350	1.100	VK DL 230 070 1778
230	85	177,8	9	x 3 1/8	x 7	FL	1.650	1.350	VK DL 230 085 1778
254	102	177,8	10	x 4	x 7	FL	2.000	1.650	VK DL 254 102 1778

254	114	177,8	10	x 4 1/2 x 7	FL	2.250	1.850	**VK DL 254 114 1778**
305	145	177,8	12	x 5 23/32 x 7	FL	2.900	2.400	**VK DL 305 145 1778**
250	80	180,0			FL	1.600	1.300	**VK FL 250 080 180**
250	90	180,0			FL	1.800	1.500	**VK FL 250 090 180**
230	110	180,0			FL	2.150	1.750	**VK FL 230 110 180**
254	114	180,0			FL	2.250	1.850	**VK FL 254 114 180**
267	114	180,0			FL	2.300	1.900	**VK FL 267 114 180**
267	135	180,0			FL	2.700	2.200	**VK FL 267 135 180**
280	145	180,0			FL	2.900	2.400	**VK FL 280 145 180**
315	145	180,0			FL	2.900	2.400	**VK FL 315 145 180**
250	60	185,0			FL	1.200	1.000	**VK FL 250 060 185**
235	75	185,0			FL	1.500	1.250	**VK FL 235 075 185**
235	85	185,0			FL	1.700	1.400	**VK FL 235 085 185**
250	105	185,0			FL	2.100	1.700	**VK FL 250 105 185**
290	105	185,0			FL	2.150	1.750	**VK FL 290 105 185**
290	105	185,0			GL	2.150	1.750	**VK FP 290 105 185**
254	100	187,5	10	x 4 x 7 3/8	FL	2.050	1.700	**VK DL 254 100 1875**
254	114	187,5	10	x 4 1/2 x 7 3/8	FL	2.350	1.950	**VK DL 254 114 1875**
250	32	190,0			FL	650	525	**VK FL 250 032 190**
250	50	190,0			FL	1.050	850	**VK FL 250 050 190**
250	60	190,0			FL	1.250	1.050	**VK FL 250 060 190**
280	60	190,0			FL	1.250	1.050	**VK FL 280 060 190**
250	70	190,0			FL	1.450	1.200	**VK FL 250 070 190**
250	80	190,0			FL	1.650	1.350	**VK FL 250 080 190**
250	85	190,0			FL	1.750	1.450	**VK FL 250 085 190**
254	100	190,0			FL	2.050	1.700	**VK FL 254 100 190**
250	105	190,0			FL	2.150	1.750	**VK FL 250 105 190**
250	110	190,0			FL	2.250	1.850	**VK FL 250 110 190**
250	120	190,0			FL	2.450	2.000	**VK FL 250 120 190**
254	120	190,0			FL	2.450	2.000	**VK FL 254 120 190**
260	120	190,0			FL	2.500	2.050	**VK FL 260 120 190**
250	80	192,0			FL	1.650	1.350	**VK FL 250 080 192**
330	145	193,4	13	x 5 23/32 x 7 5/8	FL	3.000	2.500	**VK DL 330 145 1934**
260	85	195,0			FL	1.800	1.500	**VK FL 260 085 195**
330	145	195,0			FL	3.000	2.500	**VK FL 330 145 195**
300	70	200,0			FL	1.500	1.250	**VK FL 300 070 200**
285	75	200,0			FL	1.600	1.300	**VK FL 285 075 200**
300	75	200,0			FL	1.600	1.300	**VK FL 300 075 200**
250	80	200,0			FL	1.700	1.400	**VK FL 250 080 200**
300	85	200,0			FL	1.800	1.500	**VK FL 300 085 200**
250	90	200,0			FL	1.900	1.550	**VK FL 250 090 200**
330	90	200,0			FL	1.900	1.550	**VK FL 330 090 200**
285	100	200,0			FL	2.150	1.750	**VK FL 285 100 200**
310	100	200,0			FL	2.150	1.750	**VK FL 310 100 200**
310	120	200,0			FL	2.600	2.100	**VK FL 310 120 200**
260	125	200,0			FL	2.700	2.200	**VK FL 260 125 200**
310	140	200,0			FL	3.000	2.500	**VK FL 310 140 200**
270	60	203,0			FL	1.300	1.050	**VK FL 270 060 203**
270	70	203,0			FL	1.500	1.250	**VK FL 270 070 203**

290	90	203,0			FL	1.950	1.600	**VK FL 290 090 203**
300	90	203,0			FL	1.950	1.600	**VK FL 300 090 203**
300	100	203,0			FL	2.150	1.750	**VK FL 300 100 203**
300	100	203,0			GL	2.150	1.750	**VK FP 300 100 203**
310	120	203,0			FL	2.600	2.100	**VK FL 310 120 203**
313	130	203,0			FL	2.800	2.300	**VK FL 313 130 203**
300	75	203,2	11 13/16 x 3	x 8	FL	1.650	1.350	**VK DL 300 075 2032**
254	76	203,2	10	x 3 x 8	FL	1.650	1.350	**VK DL 254 076 2032**
254	76	203,2	10	x 3 x 8	GL	1.650	1.350	**VK DP 254 076 2032**
267	89	203,2	10 1/2 x 3 1/2 x 8		FL	1.950	1.600	**VK DL 267 089 2032**
305	89	203,2	12	x 3 1/2 x 8	FL	1.950	1.600	**VK DL 305 089 2032**
330	89	203,2	13	x 3 1/2 x 8	FL	1.900	1.550	**VK DL 330 089 2032**
343	89	203,2	13 1/2 x 3 1/2 x 8		FL	1.900	1.550	**VK DL 343 089 2032**
254	102	203,2	10	x 4 x 8	FL	2.200	1.800	**VK DL 254 102 2032**
305	102	203,2	12	x 4 x 8	FL	2.200	1.800	**VK DL 305 102 2032**
305	114	203,2	12	x 4 1/2 x 8	FL	2.450	2.000	**VK DL 305 114 2032**
330	114	203,2	13	x 4 1/2 x 8	FL	2.450	2.000	**VK DL 330 114 2032**
343	114	203,2	13 1/2 x 4 1/2 x 8		FL	2.400	1.950	**VK DL 343 114 2032**
350	114	203,2	13 25/32 x 4 1/2 x 8		FL	2.400	1.950	**VK DL 350 114 2032**
355	114	203,2	14	x 4 1/2 x 8	FL	2.350	1.950	**VK DL 355 114 2032**
305	127	203,2	12	x 5 x 8	FL	2.800	2.300	**VK DL 305 127 2032**
317	127	203,2	12 1/2 x 5	x 8	FL	2.700	2.200	**VK DL 317 127 2032**
330	127	203,2	13	x 5 x 8	FL	2.700	2.200	**VK DL 330 127 2032**
350	127	203,2	13 25/32 x 5	x 8	FL	2.700	2.200	**VK DL 350 127 2032**
355	127	203,2	14	x 5 x 8	FL	2.600	2.100	**VK DL 355 127 2032**
267	140	203,2	10 1/2 x 5 1/2 x 8		FL	3.000	2.500	**VK DL 267 140 2032**
330	140	203,2	13	x 5 1/2 x 8	FL	3.000	2.500	**VK DL 330 140 2032**
343	140	203,2	13 1/2 x 5 1/2 x 8		FL	3.000	2.500	**VK DL 343 140 2032**
343	140	203,2	13 1/2 x 5 1/2 x 8		GL	3.000	2.500	**VK DL 343 140 2032**
305	152	203,2	12	x 6 x 8	FL	3.300	2.700	**VK DL 305 152 2032**
280	50	220,0			FL	1.150	950	**VK FL 280 050 220**
285	50	220,0			FL	1.150	950	**VK FL 285 050 220**
300	50	220,0			FL	1.150	950	**VK FL 300 050 220**
290	60	220,0			FL	1.400	1.150	**VK FL 290 060 220**
310	60	220,0			FL	1.400	1.150	**VK FL 310 060 220**
300	70	220,0			FL	1.600	1.300	**VK FL 300 070 220**
280	75	220,0			FL	1.750	1.450	**VK FL 280 075 220**
285	75	220,0			FL	1.750	1.450	**VK FL 285 075 220**
285	75	220,0			GL	1.750	1.450	**VK FP 285 075 220**
300	75	220,0			FL	1.750	1.450	**VK FL 300 075 220**
300	80	220,0			FL	1.850	1.500	**VK FL 300 080 220**
285	100	220,0			FL	2.300	1.900	**VK FL 285 100 220**
285	115	220,0			FL	2.700	2.200	**VK FL 285 115 220**
285	120	220,0			FL	2.800	2.300	**VK FL 285 120 220**
290	120	220,0			FL	2.800	2.300	**VK FL 290 120 220**
310	120	220,0			FL	2.800	2.300	**VK FL 310 120 220**
330	120	220,0			FL	2.700	2.200	**VK FL 330 120 220**
360	120	220,0			FL	2.700	2.200	**VK FL 360 120 220**
285	125	220,0			FL	2.900	2.400	**VK FL 285 125 220**

285	150	220,0		FL	3.500	2.900	**VK FL 285 150 220**
380	158	220,0		FL	3.400	2.800	**VK FL 380 158 220**
330	95	224,0		FL	2.200	1.800	**VK FL 330 095 224**
300	75	225,0		FL	1.750	1.450	**VK FL 300 075 225**
330	95	225,0		FL	2.200	1.800	**VK FL 330 095 225**
343	114	225,0		FL	2.600	2.100	**VK FL 343 114 225**
330	114	225,4	13 x 4 1/2 x 8 7/8	FL	2.600	2.100	**VK DL 330 114 2254**
343	114	225,4	13 1/2 x 4 1/2 x 8 7/8	FL	2.600	2.100	**VK DL 343 114 2254**
305	76	228,6	12 x 3 x 9	FL	1.800	1.500	**VK DL 305 076 2286**
285	100	228,6	11 7/32 x 3 15/16 x 9	FL	2.350	1.950	**VK DL 285 100 2286**
305	127	228,6	12 x 5 x 9	FL	3.000	2.500	**VK DL 305 127 2286**
305	140	228,6	12 x 5 1/2 x 9	FL	3.300	2.700	**VK DL 305 140 2286**
300	60	230,0		FL	1.450	1.200	**VK FL 300 060 230**
300	80	230,0		FL	1.900	1.550	**VK FL 300 080 230**
300	100	230,0		FL	2.400	1.950	**VK FL 300 100 230**
300	100	230,0		GL	2.400	1.950	**VK FP 300 100 230**
335	170	230,0		FL	4.000	3.300	**VK FL 335 170 230**
350	170	230,0		FL	3.900	3.200	**VK FL 350 170 230**
300	50	240,0		FL	1.250	1.050	**VK FL 300 050 240**
300	70	240,0		FL	1.750	1.450	**VK FL 300 070 240**
300	75	240,0		FL	1.850	1.500	**VK FL 300 075 240**
300	100	240,0		FL	2.450	2.000	**VK FL 300 100 240**
310	102	240,0		FL	2.500	2.100	**VK FL 310 102 240**
343	114	243,0		FL	2.800	2.300	**VK FL 343 114 243**
305	60	245,0		FL	1.500	1.250	**VK FL 305 060 245**
300	100	245,0		FL	2.500	2.100	**VK FL 300 100 245**
310	100	245,0		FL	2.500	2.100	**VK FL 310 100 245**
343	114	245,0		FL	2.800	2.300	**VK FL 343 114 245**
320	115	245,0		FL	2.900	2.400	**VK FL 320 115 245**
345	115	245,0		FL	2.800	2.300	**VK FL 345 115 245**
310	120	245,0		FL	3.000	2.500	**VK FL 310 120 245**
343	140	245,0		FL	3.500	2.900	**VK FL 343 140 245**
345	140	245,0		FL	3.500	2.900	**VK FL 345 140 245**
300	80	250,0		FL	2.050	1.700	**VK FL 300 080 250**
300	90	250,0		FL	2.300	1.900	**VK FL 300 090 250**
350	90	250,0		FL	2.250	1.850	**VK FL 350 090 250**
343	70	254,0	13 1/2 x 2 3/4 x 10	FL	1.800	1.500	**VK DL 343 070 2540**
305	76	254,0	12 x 3 x 10	FL	1.950	1.600	**VK DL 305 076 2540**
315	89	254,0	12 1/2 x 3 1/2 x 10	FL	2.300	1.900	**VK DL 315 089 2540**
330	89	254,0	13 x 3 1/2 x 10	FL	2.300	1.900	**VK DL 330 089 2540**
330	114	254,0	13 x 4 1/2 x 10	FL	2.900	2.400	**VK DL 330 114 2540**
343	114	254,0	13 1/2 x 4 1/2 x 10	FL	2.900	2.400	**VK DL 343 114 2540**
330	127	254,0	13 x 5 x 10	FL	3.300	2.700	**VK DL 330 127 2540**
380	152	254,0	15 x 6 x 10	FL	3.700	3.000	**VK DL 380 152 2540**
394	152	254,0	15 1/2 x 6 x 10	FL	3.700	3.000	**VK DL 394 152 2540**
406	152	254,0	16 x 6 x 10	FL	3.600	3.000	**VK DL 406 152 2540**
300	50	260,0		FL	1.300	1.050	**VK FL 300 050 260**
310	80	260,0		FL	2.100	1.700	**VK FL 310 080 260**
335	130	260,0		FL	3.400	2.800	**VK FL 335 130 260**

330	65	266,7	13 x 2 9/16 x 10 1/2	FL	1.750	1.450	**VK DL 330 065 2667**
406	127	266,7	16 x 5 x 10 1/2	FL	3.200	2.600	**VK DL 406 127 2667**
406	127	266,7	16 x 5 x 10 1/2	GL	3.200	2.600	**VK DP 406 127 2667**
330	152	266,7	13 x 6 x 10 1/2	FL	4.100	3.400	**VK DL 330 152 2667**
406	152	266,7	16 x 6 x 10 1/2	FL	3.800	3.100	**VK DL 406 152 2667**
406	178	266,7	16 x 7 x 10 1/2	FL	4.500	3.700	**VK DL 406 178 2667**
360	60	270,0		FL	1.600	1.300	**VK FL 360 060 270**
360	75	270,0		FL	2.000	1.650	**VK FL 360 075 270**
360	85	270,0		FL	2.250	1.850	**VK FL 360 085 270**
330	90	270,0		FL	2.450	2.000	**VK FL 330 090 270**
350	90	270,0		FL	2.400	1.950	**VK FL 350 090 270**
350	100	270,0		FL	2.700	2.200	**VK FL 350 100 270**
360	100	270,0		FL	2.700	2.200	**VK FL 360 100 270**
350	110	270,0		FL	3.000	2.500	**VK FL 350 110 270**
360	112	270,0		FL	3.000	2.500	**VK FL 360 112 270**
360	120	270,0		FL	3.200	2.600	**VK FL 360 120 270**
350	130	270,0		FL	3.500	2.900	**VK FL 350 130 270**
350	140	270,0		FL	3.800	3.100	**VK FL 350 140 270**
360	140	270,0		FL	3.700	3.000	**VK FL 360 140 270**
350	150	270,0		FL	4.000	3.300	**VK FL 350 150 270**
330	200	270,0		FL	5.400	4.400	**VK FL 330 200 270**
350	100	279,4	13 25/32 x 3 15/16 x 11	FL	2.800	2.300	**VK DL 350 100 2794**
350	76	280,0		FL	2.100	1.700	**VK FL 350 076 280**
350	90	280,0		FL	2.500	2.100	**VK FL 350 090 280**
350	100	280,0		FL	2.800	2.300	**VK FL 350 100 280**
400	100	280,0		FL	2.700	2.200	**VK FL 400 100 280**
350	120	280,0		FL	3.300	2.700	**VK FL 350 120 280**
350	127	282,0		FL	3.600	3.000	**VK FL 350 127 282**
380	127	282,0		FL	3.500	2.900	**VK FL 380 127 282**
405	130	285,0		FL	3.500	2.900	**VK FL 405 130 285**
400	140	285,0		FL	3.800	3.100	**VK FL 400 140 285**
350	150	285,0		FL	4.200	3.400	**VK FL 350 150 285**
355	76	285,7	14 x 3 x 11 1/4	FL	2.150	1.750	**VK DL 355 076 2857**
380	76	285,7	15 x 3 x 11 1/4	FL	2.100	1.700	**VK DL 380 076 2857**
380	108	285,7	15 x 4 1/4 x 11 1/4	FL	3.000	2.500	**VK DL 380 108 2857**
380	127	285,7	15 x 5 x 11 1/4	FL	3.500	2.900	**VK DL 380 127 2857**
381	127	285,7	15 x 5 x 11 1/4	FL	3.500	2.900	**VK DL 381 127 2857**
412	127	285,7	16 1/4 x 5 x 11 1/4	FL	3.400	2.800	**VK DL 412 127 2857**
412	127	285,7	16 1/4 x 5 x 11 1/4	GL	3.400	2.800	**VK DP 412 127 2857**
419	127	285,7	16 1/2 x 5 x 11 1/4	FL	3.400	2.800	**VK DL 419 127 2857**
406	140	285,7	16 x 5 1/2 x 11 1/4	FL	3.800	3.100	**VK DL 406 140 2857**
360	152	285,7	14 5/32 x 6 x 11 1/4	FL	4.300	3.500	**VK DL 360 152 2857**
380	152	285,7	15 x 6 x 11 1/4	FL	4.200	3.400	**VK DL 380 152 2857**
412	152	285,7	16 1/4 x 6 x 11 1/4	FL	4.100	3.400	**VK DL 412 152 2857**
412	152	285,7	16 1/4 x 6 x 11 1/4	GL	4.100	3.400	**VK DP 412 152 2857**
360	178	285,7	14 5/32 x 8 x 11 1/4	FL	5.000	4.100	**VK DL 360 178 2857**
380	178	285,7	15 x 7 x 11 1/4	FL	4.900	4.000	**VK DL 380 178 2857**
412	178	285,7	16 1/4 x 7 x 11 1/4	FL	4.800	3.900	**VK DL 412 178 2857**
355	203	285,7	14 x 8 x 11 1/4	FL	5.700	4.700	**VK DL 355 203 2857**

380	203	285,7	15	x 8	x 11 1/4	FL	5.600	4.600	**VK DL 380 203 2857**
400	125	290,0				FL	3.400	2.800	**VK FL 400 125 290**
400	130	290,0				FL	3.600	3.000	**VK FL 400 130 290**
405	145	290,0				FL	4.000	3.300	**VK FL 405 145 290**
450	120	300,0				FL	3.200	2.600	**VK FL 450 120 300**
460	135	300,0				FL	3.500	2.900	**VK FL 460 135 300**
400	60	305,0				FL	1.800	1.500	**VK FL 400 060 305**
400	65	305,0				FL	1.950	1.600	**VK FL 400 065 305**
405	65	305,0				FL	1.900	1.550	**VK FL 405 065 305**
400	75	305,0				FL	2.200	1.800	**VK FL 400 075 305**
415	75	305,0				FL	2.200	1.800	**VK FL 415 075 305**
445	75	305,0				FL	2.100	1.700	**VK FL 445 075 305**
415	90	305,0				FL	2.600	2.100	**VK FL 415 090 305**
400	100	305,0				FL	3.000	2.500	**VK FL 400 100 305**
415	100	305,0				FL	2.900	2.400	**VK FL 415 100 305**
400	130	305,0				FL	3.900	3.200	**VK FL 400 130 305**
400	130	305,0				GL	3.900	3.200	**VK FP 400 130 305**
405	130	305,0				FL	3.800	3.100	**VK FL 405 130 305**
425	150	305,0				FL	4.300	3.500	**VK FL 425 150 305**
406	178	305,0	16	x 7	x 12	FL	5.200	4.300	**VK DL 406 178 3050**
406	178	305,0	16	x 7	x 12	GL	5.200	4.300	**VK DP 406 178 3050**
405	180	305,0				FL	5.300	4.300	**VK FL 405 180 305**
406	64	308,0	16	x 2 1/2	x 12 1/8	FL	1.900	1.550	**VK DL 406 064 3080**
406	76	308,0	16	x 3	x 12 1/8	FL	2.250	1.850	**VK DL 406 076 3080**
406	89	308,0	16	x 3 1/2	x 12 1/8	FL	2.600	2.100	**VK DL 406 089 3080**
406	102	308,0	16	x 4	x 12 1/8	FL	3.000	2.500	**VK DL 406 102 3080**
430	102	308,0	17	x 4	x 12 1/8	FL	2.900	2.400	**VK DL 430 102 3080**
430	114	308,0	17	x 4 1/2	x 12 1/8	FL	3.300	2.700	**VK DL 430 114 3080**
406	127	308,0	16	x 5	x 12 1/8	FL	3.800	3.100	**VK DL 406 127 3080**
430	127	308,0	17	x 5	x 12 1/8	FL	3.700	3.000	**VK DL 430 127 3080**
457	127	308,0	18	x 5	x 12 1/8	FL	3.500	2.900	**VK DL 457 127 3080**
457	127	308,0	18	x 5	x 12 1/8	GL	3.500	2.900	**VK DP 457 127 3080**
380	152	308,0	15	x 6	x 12 1/8	FL	4.600	3.800	**VK DL 380 152 3080**
430	152	308,0	17	x 6	x 12 1/8	FL	4.400	3.600	**VK DL 430 152 3080**
457	152	308,0	18	x 6	x 12 1/8	FL	4.200	3.400	**VK DL 457 152 3080**
457	152	308,0	18	x 6	x 12 1/8	GL	4.200	3.400	**VK DP 457 152 3080**
457	170	308,0	18	x 6 11/16	x 12 1/8	FL	4.700	3.900	**VK DL 457 170 3080**
457	178	308,0	18	x 7	x 12 1/8	FL	4.900	4.000	**VK DL 457 178 3080**
457	178	308,0	18	x 7	x 12 1/8	GL	4.900	4.000	**VK DP 457 178 3080**
457	203	308,0	18	x 8	x 12 1/8	FL	5.600	4.600	**VK DL 457 203 3080**
457	203	308,0	18	x 8	x 12 1/8	GL	5.600	4.600	**VK DP 457 203 3080**
457	229	308,0	18	x 9	x 12 1/8	FL	6.300	5.200	**VK DL 457 229 3080**
457	229	308,0	18	x 9	x 12 1/8	GL	6.300	5.200	**VK DP 457 229 3080**
400	160	320,0				FL	5.000	4.100	**VK FL 400 160 320**
405	175	320,0				FL	5.400	4.400	**VK FL 405 175 320**
400	200	320,0				FL	6.300	5.200	**VK FL 400 200 320**
400	75	325,0				FL	2.400	1.950	**VK FL 400 075 325**
400	100	325,0				FL	3.200	2.600	**VK FL 400 100 325**
450	75	370,0				FL	2.600	2.100	**VK FL 450 075 370**

450	80	370,0				FL	2.800	2.300	**VK FL 450 080 370**
500	85	370,0				FL	2.800	2.300	**VK FL 500 085 370**
500	100	370,0				FL	3.300	2.700	**VK FL 500 100 370**
520	100	370,0				FL	3.100	2.500	**VK FL 520 100 370**
450	120	370,0				FL	4.200	3.400	**VK FL 450 120 370**
500	120	370,0				FL	3.900	3.200	**VK FL 500 120 370**
520	120	370,0				FL	3.800	3.100	**VK FL 520 120 370**
525	120	370,0				FL	3.700	3.000	**VK FL 525 120 370**
520	130	370,0				FL	4.100	3.400	**VK FL 520 130 370**
500	140	370,0				FL	4.600	3.800	**VK FL 500 140 370**
450	150	370,0				FL	5.300	4.300	**VK FL 450 150 370**
533	152	381,0	21	x 6	x 15	FL	4.800	3.900	**VK DL 533 152 3810**
445	178	381,0	17 1/2	x 7	x 15	FL	6.500	5.300	**VK DL 445 178 3810**
457	178	381,0	18	x 7	x 15	FL	6.400	5.200	**VK DL 457 178 3810**
533	203	381,0	21	x 8	x 15	FL	6.500	5.300	**VK DL 533 203 3810**
560	203	381,0	22	x 8	x 15	GL	6.100	5.000	**VK DP 560 203 3810**
533	229	381,0	21	x 9	x 15	FL	7.300	6.000	**VK DL 533 229 3810**
515	127	406,4	20 1/4	x 5	x 16	FL	4.600	3.800	**VK DL 515 127 4064**
508	152	406,4	20	x 6	x 16	FL	5.600	4.600	**VK DL 508 152 4064**
508	152	406,4	20	x 6	x 16	GL	5.600	4.600	**VK DP 508 152 4064**
560	152	406,4	22	x 6	x 16	FL	5.100	4.200	**VK DL 560 152 4064**
610	152	406,4	24	x 6	x 16	FL	4.500	3.700	**VK DL 610 152 4064**
508	178	406,4	20	x 7	x 16	FL	6.500	5.300	**VK DL 508 178 4064**
560	178	406,4	22	x 7	x 16	FL	5.900	4.800	**VK DL 560 178 4064**
560	190	406,4	22	x 7 1/2	x 16	FL	6.300	5.200	**VK DL 560 190 4064**
560	203	406,4	22	x 8	x 16	FL	6.700	5.500	**VK DL 560 203 4064**
508	229	406,4	20	x 9	x 16	FL	8.400	6.900	**VK DL 508 229 4064**
560	229	406,4	22	x 9	x 16	FL	7.600	6.200	**VK DL 560 229 4064**
533	254	406,4	21	x 10	x 16	FL	8.900	7.300	**VK DL 533 254 4064**
560	254	406,4	22	x 10	x 16	FL	8.400	6.900	**VK DL 560 254 4064**
500	100	410,0				FL	3.800	3.100	**VK FL 500 100 410**
560	100	410,0				FL	3.400	2.800	**VK FL 560 100 410**
610	100	410,0				FL	3.000	2.500	**VK FL 610 100 410**
550	120	410,0				FL	4.100	3.400	**VK FL 550 120 410**
530	130	410,0				FL	4.700	3.900	**VK FL 530 130 410**
500	150	410,0				FL	5.700	4.700	**VK FL 500 150 410**
610	150	410,0				FL	4.500	3.700	**VK FL 610 150 410**
500	160	410,0				FL	6.000	4.900	**VK FL 500 160 410**
550	160	410,0				FL	5.500	4.500	**VK FL 550 160 410**
610	200	410,0				FL	6.000	4.900	**VK FL 610 200 410**
510	225	410,0				FL	8.400	6.900	**VK FL 510 225 410**
510	250	410,0				FL	9.300	7.600	**VK FL 510 250 410**
500	150	425,0				FL	6.000	4.900	**VK FL 500 150 425**
560	102	450,8	22	x 4	x 17 3/4	FL	4.000	3.300	**VK DL 560 102 4508**
560	152	450,8	22	x 6	x 17 3/4	FL	6.000	4.900	**VK DL 560 152 4508**
508	178	450,8	20	x 7	x 17 3/4	FL	7.600	6.200	**VK DL 508 178 4508**
560	229	450,8	22	x 9	x 17 3/4	FL	9.000	7.400	**VK DL 560 229 4508**
560	254	450,8	22	x 10	x 17 3/4	FL	10.000	8.200	**VK DL 560 254 4508**
620	250	480,0				FL	9.700	8.000	**VK FL 620 250 480**

600	200	490,0				FL	8.400	6.900	VK FL 600 200 490
600	125	500,0				FL	5.500	4.500	VK FL 600 125 500
600	140	500,0				FL	6.100	5.000	VK FL 600 140 500
645	250	500,0				FL	9.900	8.100	VK FL 645 250 500
711	203	558,8	28	x 8	x 22	FL	8.600	7.100	VK DL 711 203 5588
711	254	558,8	28	x 10	x 22	FL	10.800	8.900	VK DL 711 254 5588
711	305	558,8	28	x 12	x 22	FL	12.900	10.600	VK DL 711 305 5588
711	356	558,8	28	x 14	x 22	FL	15.100	12.400	VK DL 711 356 5588
711	406	558,8	28	x 16	x 22	FL	17.200	14.100	VK DL 711 406 5588
737	203	584,2	29	x 8	x 23	FL	8.900	7.300	VK DL 737 203 5842
800	200	716,0				FL	12.300	10.100	VK FL 800 200 716
800	250	716,0				FL	15.400	12.600	VK FL 800 250 716
914	203	762,0	36	x 8	x 30	FL	11.100	9.100	VK DL 914 203 7620
914	254	762,0	36	x 10	x 30	FL	13.900	11.400	VK DL 914 254 7620
914	305	762,0	36	x 12	x 30	FL	16.700	13.700	VK DL 914 305 7620
914	356	762,0	36	x 14	x 30	FL	19.400	15.900	VK DL 914 356 7620
914	406	762,0	36	x 16	x 30	FL	22.200	18.200	VK DL 914 406 7620
920	150	770,0				FL	8.300	6.800	VK FL 920 150 770
960	150	770,0				FL	7.300	6.000	VK FL 960 150 770

Glass transport rollers

A glass transport roller is used to move glass **horizontally or vertically.**

RBGL - RBGR
Ball castor in rubber

Load bearing capacity 12-20kg

WKGL - WKGR
Ball castor in TPU

Load bearing capacity 12-20kg

RBIL - RBIR
Ball castor in rubber

Load bearing capacity 12-20kg

WKIL
Ball castor in TPU

Load bearing capacity 12-20kg

RHGL
Heat resistant ball castor in TPU

Load bearing capacity 12-20kg

VKPG - TVKHB
Glass transport roll in Vulkollan with Printhalon (PA6) core

TRHZZA
Glass transport roll in NBR

Customised solutions

For almost any application, Vulkoprin can design, produce and test a solution, both in small and large volumes.

Grip application - cleaning machines

Cable guidance

Cable guidance

Cable guidance

Gear wheel agricultural industry

Grip application drum use

Gear wheel - agricultural industry

Grooved wheel - sliding gates

Drive application drum use

Grip application drum use

Stacker cranes

Wheel + heavy duty castor - docking stations - aeronautical industry

Special drive wheel aeronautical industry

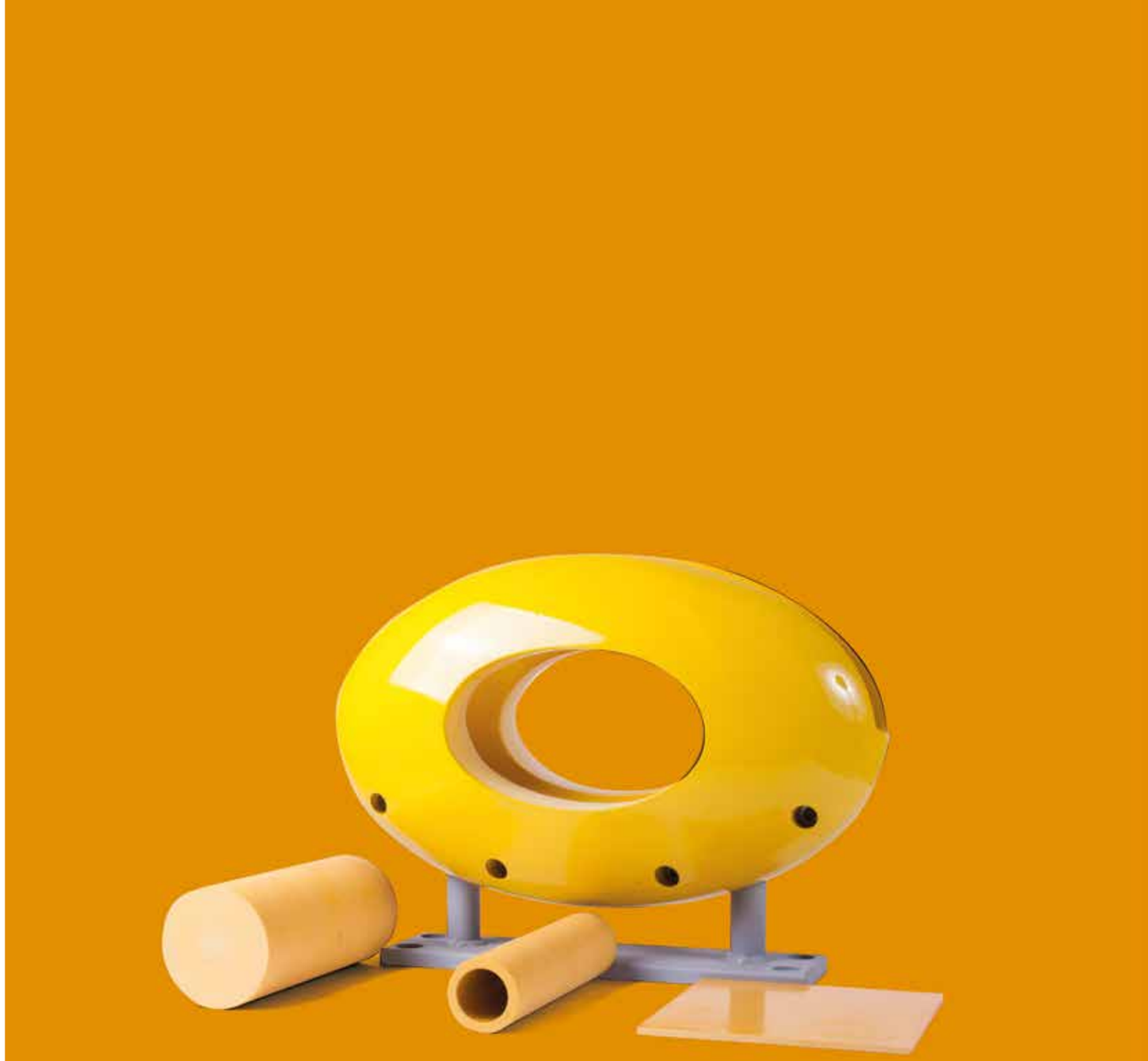
Forklift truck - AGV

Wheel + heavy duty castor - heavy transport

Wheel + heavy duty castor - aeronautical industryt

Compact heavy duty castor - AGV

Technical moulded parts



High-quality polyurethanes are also used for **moldings with high wear resistance** and semi-finished products such as round, square, rectangular and tubular bars, ready to be sawn, drilled, turned or milled.

Elastic couplings in Vulkollan® or Printhane-B™

Semi finished products in Vulkollan® or Printhane-B™

Bumpers, positioning pieces in Vulkollan® or Printhane-B™

Scrapers, protective parts, mixing parts, wear plates, separators in Vulkollan® or Printhane-B™

Rings, cutting plates, coating of cilinders in Vulkollan® or Printhane-B™

Casted pieces in Printhane-R™

Rolls, sealing balls, rings in Vulkollan® or Printhane-B™

Customized technical parts

Refurbishment

Stay operational with less budget! Vulkoprin designs and manufactures a full range of polyurethanes with applications for the Material Handling, Machinery and Theme park industry. However, Vulkoprin also offers a service where the wheel or technical part is refurbished according to a certified process.

Wheel definitions & the correct wheel choice

Wheel definitions (see 2D wheel definitions)

Wheel diameter
Outer diameter of the wheel.
Wheel width
Width of the wheel, measured on the rim*.
Hub diameter
Outer diameter of the hub**.
Hub width
Length of the hub**. The length can be larger, smaller, equal or asymmetrical to the wheel width.
Bearing seat
Space in which the bearing** is mounted.
→Bore diameter
Diameter of the bore through the hub or inner diameter of the bearing. Determines which axle or bearing fits in the bore of the wheel.
→Bearing seat dimensions
Depth of the bearing seat.
→Fixing lenght
Width of the bearing assembly, including bearing and flange joints.
Bore hole diameter
Dimensions in which the axle fits (in the bore of the wheel or in a bearing**)
Flange width
Length between the hub** and the rim*.
Wheel centre
Part of the wheel, consisting of hub**, flange*** and rim*. The coating is applied to this.
Load capacity
Maximum load that can be carried by the wheel.

Wheel

A wheel is made of a tread/tyre, rim and hub. A wheel can be mounted in a housing. Depending on the type of housing, the result is a swivel or fixed wheel.

- The castors can swivel 360° around a vertical axis.
- The fixed wheels, on the other hand, are fixed and ensure good directional stability.

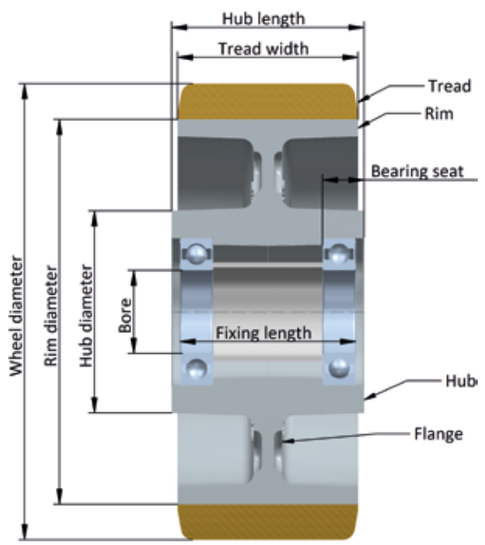
In most cases, 2 castors and 2 fixed castors are fitted.

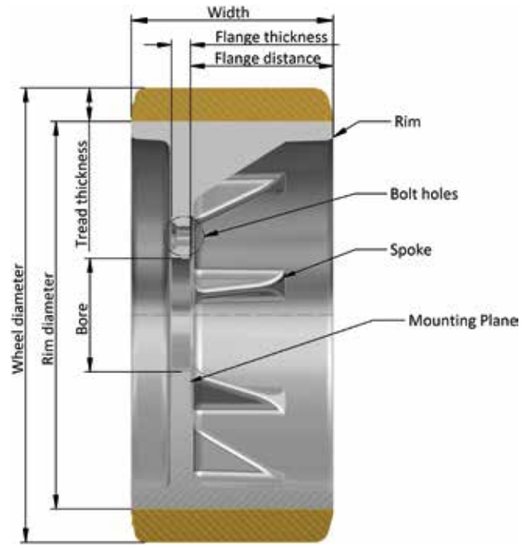
A. Tread/Tyre
The outer part of the wheel that is in contact with the ground or roadway.

- Solid rubber rolls smoothly and silently. However, stiffness and load capacity are limited.
- Polyamide is shock and impact resistant, chemically resistant and wear-resistant. On the other hand, this is a non-elastic material.
- Polyurethane is extremely wear-resistant, sound-absorbing and has excellent rolling properties.

B. *Rim
A rim is the outer edge of a wheel on which the upholstery lies.

C. **Hub
A hub is the central part of the wheel, for the attachment of a (drive) axle. A hub consists of a drilled workpiece in which, depending on the application, the hub is connected to the corresponding shaft via a bearing, a keyway, a clamping bushing or a fixed connection.





1. Bearing
(see wheel definitions in the picture) A bearing is a machine part that allows the movement of the wheel around its axle and reduces friction between the moving parts.

Plain bearing
Simple, largely maintenance-free bearing. Shock and impact resistant. Suitable for use in humid environments. For devices with low speed (max. 4 km/h) and for short distances. There is a sliding friction in the bearing.

Ball bearing
Sturdy, wear-resistant, largely maintenance-free bearings. Low bearing friction. Shock and impact resistant. Permanent lubrication. The most commonly used bearings for low speed devices (max. 4 km/h). Rolls smoother compared to plain bearings. Due to the roll contact, a ball bearing has a smoother ride.

Precision ball bearing
For speeds up to 20 km/h and heavier loads. Low rolling resistance when used.

2. Keyway
(see wheel definitions in the picture)
A keyway is a machined groove along the length of the bore, which transfers the engine power to the wheel. No axial securing on the shaft!

3. Clamping bushing
(See wheel definitions in the picture)
A clamping bushing is a machine part that transfers the engine power to the wheel without the use of a press. By means of a conical bushing, the shaft and the bore are clamped together so that force can be transferred. Easy to assemble and disassemble. Also provides axial locking on the shaft.

D. ***Flange
The flange connects the hub and the rim. This is a disc where bolt holes may or may not have been fitted. The flange can be weighted with reinforcement ribs for better stability and strength. Steel welded wheels can be fitted with 2 flanges for more strength and weight reduction.
A flange wheel is a wheel with a flange where attachment to a hub is possible.

The choice of wheel and castor primarily depends on:

1. The loadbearing capacity required
What does a wheel/castor has to carry?

- The load of a castor can be calculated using the following rule of thumb: load = (inherent weight + max. load)/3.
- It is divided by 3 because on uneven flooring, even an item of equipment with 4 castors will only have 3 castors in contact with the floor, and these 3 then carry the full weight.
- This is a very general way to determine the loadbearing capacity. Ask your supplier for a detailed calculation.

The load capacities specified in our product range for wheels and castors apply for speeds of up to 4 km/h and an ambient temperature of 10°C to 60°C.

2. The floor conditions
Is the floor rough or smooth? Is the floor covered in tiles, concrete, or is it heavy-duty industrial flooring? In general, on smooth industry floors, you can use harder wheels (thin tread) while, on rough industry floors, soft wheels (thick tread) are better performing. Choose non-marking castors if you wish to avoid leaving rubber tread marks. If there are ground sills, extra loadbearing capacity must be factored in. Choose wheels with plain bearings and a stainless steel housing in food production areas or on wet surfaces.

3. The frequency of use
Is the equipment moved only on occasion, or all the time?

4. Environmental factors (temperature, including temperature fluctuations, chemicals, moisture and hygiene requirements)
Every site of use involves specific requirements. Moisture, cold, heat, temperature fluctuations, electrical conductivity and chemicals all affect the durability, rolling properties or the smoothness of motion.

5. Comfort
You can also choose the required level of comfort and smoothness. The material of the wheels determines the rolling properties and ride comfort.

6. Specific dimensions
Specific dimensions such as wheel diameter, overall height and hub length, or plate sizes and assembly hole spacing for castors.

7. Quality of the used materials
VULKOLLAN® is one of the most powerful elastomers in the market. The excellent mechanical properties ensure a wheel with maximum dynamic load capacity and a long service life, even in difficult and demanding conditions.
PRINTHANE™ is the generic name for all Vulkoprin PU-elastomers developed specifically for extreme fields of application.

Contact us or download documents

Manufacturer of wheels and technical moulded parts. Vulkoprin nv is designing and producing a full range of polyurethanes to be able to withstand extreme loads and temperatures, high speeds, wear and deformation.

- Family owned company, located in Tielt (Belgium)
- More than 60 years of experience
- In-house design, engineering & production
- In-house test track
- Vulkollan® licenced
- Global customer base in material handling-, machinery- and theme park industry

VULKOPRIN QUALITY IN MOTION | covestro VULKOLLAN® THE ULTIMATE ELASTOMER | Printhane® vulkoprin elastomer | easyroll

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