

Räder & Rollen  
**Räder Wendt**  
Wheels & Castors

Transportroller - Dollies - Sonderrollen - Special castors



Office and Store  
 Tornesch (near Hamburg)



Vertrieb und Auslieferungslager  
 Tornesch (bei Hamburg)

Production line



Stanz.- und Tiefziehwerk

Plastic processing  
 production



Kunststoff-Spritzerei

## Willkommen bei Räder Wendt

Welcome to Räder Wendt

### Vorteile, die sich rechnen:

Your advantages:

- Qualität
- Service
- Innovation
- über 10.000 Variationen
- kurze Lieferzeiten
- Sonderanfertigungen
- niedrige Preise
- ..und über 40 Jahre Erfahrung

- quality
- service
- innovation
- more than 10.000 variations
- short delivery times
- special designs
- low prices
- ..and more than 40 years of experience

How to find us: leave the A23 and follow  
 the Ahrenloher Str., Großer Moorweg,  
 Lindenweg, ● Kleiner Moorweg 8



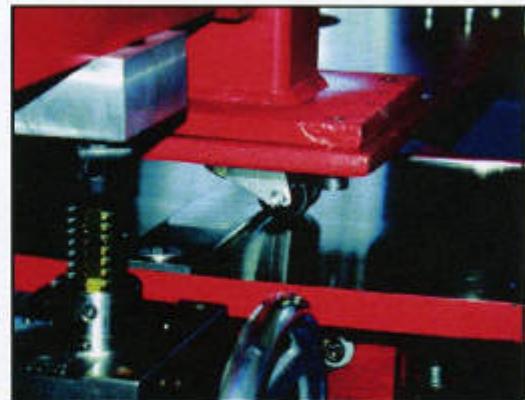
Anfahrt: von der A23 über die Ahrenloher  
 Str., Großer Moorweg, Lindenweg,  
 ● Kleiner Moorweg 8

83. Hamburg Trade Fair  
 INTERNORGA



Ausstellung auf der 83. Internationalen  
 Fachmesse INTERNORGA Hamburg

Testing center



Prüfstand gemäß Europa-Norm

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Räder und Rollen mit Gummi und thermoplastischem Laufbelag / Wheels and castors with rubber and thermoplastic tire

Elastikräder, Bandagen und Rollen

Elastic wheels, bandages and castors

Polyurethanräder und Rollen

Polyurethane wheels and castors

, Bandagen und Rollen

wheels, bandages and castors

Hubwagenrollen

Lift truck wheels

Kunststoffräder und Rollen

Plastic wheels and castors

Seilrollen / pulleys

Spurkranzräder / Flange wheels

Kunststoffrollen / Plastic castors

Hitzebeständige Räder und Rollen

Heat resistant wheels and castors

Guss- / Stahlräder und Rollen

Cast iron- steel wheels and castors

Edelstahlräder und Rollen

Stainless steel wheels and castors

Antistatische / elektr. leitfähige Rollen

Antistatic / electrical conductive castors

Apparateräder und -rollen

Apparatus wheels and castors

Skaterräder und -rollen

Skater wheels and castors

Einkaufswagenräder und -rollen

Trolley wheels and castors

Möbel-, Abweis- und Kastenbockrollen

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## Allgemeine Erläuterungen

### Bestimmungsfaktoren für die Wahl von Rädern und Rollen

#### 1. Bereifung

Der Bereifung kommt bei der Wahl des richtigen Rades bzw. der Rolle eine entscheidende Bedeutung zu, denn von ihr hängen die Tragfähigkeit und der Rollwiderstand ab. Aus diesem Grund sind die Räder und Rollen in diesem Katalog nach der Bereifung als Hauptkriterium für die Auswahl gegliedert. Nebenstehende Übersicht weist die wesentlichen Merkmale der verschiedenen Bereifungen aus. Entsprechend zugeordnet sind jeweils Raddurchmesser und Tragfähigkeit.

#### 2. Betriebsverhältnisse

##### a) Beschaffenheit der Fahrwege

Die Beschaffenheit der Fahrwege bestimmt die Reifenqualität und den Raddurchmesser. Es ist zweckmäßig, z.B. bei unebenen Böden einen elastischen Reifen mit großem Durchmesser zu wählen.

##### b) Umweltbedingungen

Das Material von Rad und Rolle wird von den Umwelteinflüssen bestimmt. Sofern in der nebenstehenden Tabelle nichts über Beständigkeit gegen Temperaturen, Chemikalien etc. ausgesagt ist, sollte im Werk genaue Auskunft eingeholt werden.

#### 3. Tragfähigkeit

Bei der Bestimmung der Tragfähigkeit für das auszuwählende Laufzeug empfehlen wir nach folgender Formel zu verfahren:

Gesamtgewicht des Gerätes (= Eigengewicht + Zuladung) dividiert durch 3, denn häufig stehen bei unebenen Böden nur drei von vier Rädern auf. Zudem können durch Überfahren von Hindernissen kurzzeitig Überlastungen auftreten.

Die im Katalog angegebenen Tragfähigkeiten für Räder und Rollen sind gültig für Fahrgeschwindigkeiten bis zu 4 km/h auf ebenen, glatten Böden bei einer Umgebungstemperatur von 10° C bis -30° C.

#### 4. Einsatzart und Dauer

Die Einsatzart und -dauer von Rad und Rolle bestimmt die Wahl des Lagers. Bei **Radlagern** sind zu unterscheiden:



##### Gleitlager

Einfache weitgehend wartungsfreie und stoßunempfindliche Lagerung. Bei Rädern aus Polyamid oder Guss finden keine zusätzlichen Lagerbuchsen Verwendung, da diese Werkstoffe gute Gleiteigenschaften besitzen.



##### Rollenlager

Robuste, widerstandsfähige, weitgehend wartungsfreie Lagerung. Das meist verwendete Lager für Geräte mit geringer Geschwindigkeit. Besitzt einen geringen Rollwiderstand.



##### Rillenkugellager

Leichter Lauf auch bei größeren Belastungen und Geschwindigkeiten, für ununterbrochenen Einsatz. Rillenkugellager finden hauptsächlich in technisch anspruchsvollen Geräterollen Anwendung.



##### Kegelrollenlager

Einsatz in Schwerlasträdern für hohe Belastungen und Geschwindigkeiten. Kegelrollenlager eignen sich besonders zur Aufnahme kombinierter (radialer und axialer) Belastungen. Die Lagerung des Lenkgehäuses ist konstruktiv nach den Belastungen und Anforderungen der Lenkrollen ausgerichtet.

#### 5. Anfahr- und Rollwiderstand

Der Anfahr- und Rollwiderstand wird bestimmt durch die Kraft, ein Fahrzeug fortzubewegen. Diese Widerstände sind abhängig vom Reifenmaterial, dem Raddurchmesser, der Fahrwegbeschaffenheit, dem Lagerelement und der Belastung.

Je größer der Raddurchmesser, um so geringer der Rollwiderstand.

Räder mit Polyamid- und Polyurethan-Laufflächen erzielen auf ebenen Böden den geringsten Anfahrt- und Rollwiderstand.

#### 6. Technischer Hinweis

Im Katalog angegebene Tragfähigkeiten für Räder und Rollen sind Werte bei statischer Last (Standbelastung), bei dynamischer Last (Fahrtbelastung) müssen je nach Bodenbeschaffenheit bis zu 35% abgezogen werden.

Technische Änderungen, die dem Fortschritt dienen, behalten wir uns vor.

## General Explanations

### Determination for the choice of wheels and castors

#### 1. Tyre

In the choice of the right wheel or castor the tyre is of decisive importance, because the loading capacity and the rolling resistance depends on it. Therefore the wheels and castors in this catalogue are subdivided according to the tyre as main criterium for the choice. The adjoining overview shows the essential characteristics of the different tyres. Allocated accordingly are the wheel diameter and the loading capacity.

#### 2. Operating conditions

##### a) Quality of the roads

The quality of the roads decides the quality of the tyre and the wheel diameter. For bumpy grounds it is for example suitable to choose an elastic tyre with large diameter.

##### b) Environmental conditions

The material of wheel and castor is decided by the environmental influences. If in the adjoining overview nothing is indicated about the resistance of temperatures, chemical substances etc., exact informations should be sought from the factory.

#### 3. Loading capacity

For the determination of the loading capacity for the product we recommend the following formula: Total weight of the appliance (= net weight + loading) : 3, because in case of bumpy grounds very often only three of four wheels are standing on. Furthermore when passing barriers overloadings can happen for a short time. According to DIN 8455 (ISO-Norm) the mentioned loading capacities are valid at a speed of 4 km/h on flat roads and at an area temperature of -10° C until +30° C.

#### 4. Place and duration of use

The place and the duration of use decides the choice of the bearing for wheel and castor.



##### Plain bearing

Simple and mostly maintenance-free and anti-shock bearings. At wheels out of Polyamide or cast no additional bearing bushings are used, because this material has good sliding characteristics.



##### Roller bearing

Robust, resistant, mostly maintenance-free bearing. The most used bearing for appliances with low speed. Has a small rolling resistance.



##### Groove ball bearing

Light run also at higher loadings and speeds for continuous use. Groove ball bearings are mainly employed in technical ambitious appliance castors.



##### Cone ball bearing

Use in heavy load wheels for high loadings and speeds. Cone ball bearings are especially qualified for the taking-up of combined (radial and axial) loadings.

The bearing of the swivel housings is constructive aligned to loadings and requirements of the swivel castors.

#### 5. Driving- and rolling resistance

The driving- and rolling resistance is decided by the power, moving a car. These resistances depend on the material of the tyre, the wheel diameter, the quality of the car, the bearing element and the loading.

The larger the wheel diameter, the smaller the roller resistance.

Wheels with Polyamide- and Polyurethane treads obtain the smallest roller-resistance on flat grounds..

#### 6. Technical remarks

In the catalogue indicated loading capacities for wheels and castors are values at statistic load (standing load), in case of dynamic load (running load) 35 % - depending on the condition of ground - must be deducted.

**Piktogramme**  
 Pictographs

 Rad ø  
 Wheel ø

 Radbreite  
 Wheel width

 Bauhöhe  
 Overall height

 Plattengröße  
 Plate size

 Lochabstand  
 hole spacing

 Weich  
 Soft

 Gleitlager  
 Plain bearing

 Schwerlast  
 Heavy duty castors

 Loch ø  
 Hole ø

 Tragkraft in Kg  
 Load capacity Kg

 Bohrungs ø  
 Bearing bore ø

 Nabenlänge  
 Hub length

 Ausladung Lenk.  
 Offset

 Super Elastik weich  
 Super elastic soft

 Rollenlager  
 Roller bearing

 Spurfrei  
 trace-free  
 ( floor protective)

 ø Rückenlochbohrung  
 Bolt hole ø

 antistatisch / elektr. leitfähig  
 Antistatic / electrical conductive

 rostfreie Ausführung  
 Stainless steel

 Hitzebeständig  
 Heat resistant

 Elastik weich  
 Elastic soft

 verstärkt  
 extra-strong

 Kugellager  
 Ball bearing

|   |  |
|---|--|
| Befestigungen für<br>Rückenlochbohrung<br>fixing for single bolt hole |  |
|---|--|



| Rundrohrmaß<br>round tube | Code           | Vierkantrohr<br>square tube | Code           |
|---------------------------|----------------|-----------------------------|----------------|
| 18-20mm                   | W/Bef.4/R18-20 | 18-20mm                     | W/Bef.4/V18-20 |
| 21-23mm                   | W/Bef.4/R21-23 | 21-23mm                     | W/Bef.4/V21-23 |
| 24-27mm                   | W/Bef.4/R24-27 | 24-27mm                     | W/Bef.4/V24-27 |
| 28-31mm                   | W/Bef.4/R28-31 | 28-31mm                     | W/Bef.4/V28-31 |
|                           |                | 36-38mm                     | W/Bef.4/V36-28 |

| Zapfenmaß<br>steel pin size | Code          | Zapfenmaß<br>steel pin size | Code          |
|-----------------------------|---------------|-----------------------------|---------------|
| 17mm                        | W/Bef./AZ/R17 | 24mm                        | W/Bef./AZ/R24 |
| 18mm                        | W/Bef./AZ/R18 | 25mm                        | W/Bef./AZ/R25 |
| 19mm                        | W/Bef./AZ/R19 | 26mm                        | W/Bef./AZ/R26 |
| 20mm                        | W/Bef./AZ/R20 | 27mm                        | W/Bef./AZ/R27 |
| 21mm                        | W/Bef./AZ/R21 | 28mm                        | W/Bef./AZ/R28 |
| 22mm                        | W/Bef./AZ/R22 | 29mm                        | W/Bef./AZ/R29 |
| 23mm                        | W/Bef./AZ/R23 |                             |               |

Reduzierhülse / Bolt hole bushing      W/RH/12/10      ø 12 &gt;&gt; ø 10mm

## Beständigkeit / Resistant

CO = Konzentration % / Concentration %  
RU = Gummi / Rubber  
PU = Polyurethan / Polyurethane  
PA = Polyamid / Polyamide  
PP = Polypropylen / Polypropylene

= keine Information / No Information  
- = nicht beständig / Not Resistant  
+ = bedingt beständig / conditionally resistant  
++ = beständig / Resistant

|                          | CO | RU | PA | PU | PP |                            | CO | RU | PA | PU | PP |                           | CO | RU | PA | PU | PP |
|--------------------------|----|----|----|----|----|----------------------------|----|----|----|----|----|---------------------------|----|----|----|----|----|
| Acetaldehyde             | +  | +  | -  | -  | +  | Dimethylaniline            |    |    | -  |    |    | Oleic acid                | -  | ++ | ++ |    |    |
| Acetic acid              | -  | ++ | -  |    |    | Dimethylether              | +  | ++ | ++ | ++ |    | Oxalic acid solution      | 10 | +  | +  | ++ |    |
| Acetic acid glacial      | +  | -  |    |    |    | Dimethylformamide          | +  | ++ | ++ | ++ |    | Ozone                     | -  | +  | ++ |    |    |
| Acetone                  | ++ | ++ | -  | -  | +  | Diphenyl 80°C              | +  | ++ | -  | ++ |    | Palmitic acid             | -  | ++ | -  |    |    |
| Acetylene                | ++ | ++ | ++ |    |    | Essential citrus oils      | 10 | ++ | ++ |    |    | Paraffin                  | -  | ++ | ++ |    |    |
| Acrylic acid > 30°C      | -  | -  |    |    |    | Essential pine oils        |    |    |    | ++ |    | Petroleum                 | -  | ++ | ++ | -  |    |
| Alcylobenzoles           | ++ |    |    |    |    | Ethanolamine               |    |    |    | -  |    | Phenylbenzol              | -  |    | -  |    |    |
| Aliphatic amin           | ++ |    |    |    |    | Ether                      |    |    |    | ++ |    | Phenylether               | -  |    | ++ |    |    |
| Alkaline solutions, 80°C | ++ | ++ |    |    |    | Ethyl acetate              | +  | ++ | -  |    |    | Phosphoric acid solution  | 10 | -  | -  | ++ |    |
| Aluminium acetate        | ++ |    |    |    |    | Ethyl alcohol              | ++ | -  | ++ |    |    | Potassium chloride        | 10 | -  | ++ | ++ |    |
| Ammonium bicarbonate     | ++ |    |    |    |    | Ethylene                   |    |    |    | ++ |    | Potassium cyanide         |    |    | +  |    |    |
| Ammonium carbonate       | ++ | -  |    |    |    | Fatty acids                |    |    |    | ++ |    | Potassium hydroxide       | ++ | ++ | -  |    |    |
| Ammonium hydroxide       |    | -  |    |    |    | Fluoride                   |    |    |    | -  |    | Potassium salts           |    |    | +  |    |    |
| Ammonium hydrate         | ++ | ++ | -  |    |    | Formaldehyde               | 30 | ++ | ++ | +  | ++ | Potassium sulphate        | ++ | ++ |    |    |    |
| Ammonium nitrate         | +  | ++ | ++ |    |    | Formic acid                | 10 | +  | -  | -  |    | Propane                   | -  | ++ | ++ |    |    |
| Ammonium salt rhodamines | ++ |    |    |    |    | Furfuraldehyde             |    |    |    | ++ |    | Propyl alcohol            |    |    | +  |    |    |
| Ammonium salts           | ++ |    |    | ++ |    | Gasoline, petroleum ether  | -  | ++ | ++ |    |    | Pure formaldehyde         | ++ | ++ | +  |    |    |
| Ammonium sulphate        | +  | ++ | ++ |    |    | Glucose                    |    | ++ | ++ |    |    | Road salt solution        |    |    | ++ |    |    |
| Amyl acetate             | ++ | ++ | -  | ++ |    | Glue                       |    |    |    | ++ |    | Silver nitrate            | -  |    | ++ |    |    |
| Amyl alcohol             | ++ | ++ | +  | ++ |    | Glycerine                  |    | ++ | ++ | ++ |    | Sodium carbonate solution | 10 |    | ++ |    |    |
| Aniline                  | -  | ++ | -  | ++ |    | Glycol                     |    | ++ | +  | +  | ++ | Sodium chloride solution  | 10 | -  | -  | ++ |    |
| Anthroquinone, 85°C      | ++ |    |    |    |    | Hexane                     |    | ++ | ++ |    |    | Sodium cyanide solution   | 10 |    | ++ |    |    |
| Attlic alcohol           | ++ | +  | -  |    |    | Hydraulic liquids          |    | ++ | -  |    |    | Sodium hydroxide          | 50 | ++ | +  | -  |    |
| Barium salts             | ++ | +  | ++ | ++ |    | Hydrochloric acid solution | 30 | +  | -  | -  |    | Sodium hydroxide solution |    |    | -  |    |    |
| Beer                     | ++ | ++ | ++ |    |    | Iron chloride acid         | 10 | +  | -  | +  |    | Sodium nitrate solution   | 10 | ++ | ++ | ++ |    |
| Bitumen                  | -  | ++ | ++ |    |    | Iron sulphate              |    |    |    | ++ |    | Sodium phosphate solution | 10 | -  | ++ | ++ |    |
| Borax                    | ++ |    |    |    |    | Isopropylchloride          |    |    |    |    |    | Sodium silicate solution  | 10 | ++ | ++ |    |    |
| Boric acid solution      | 10 | ++ | +  | ++ |    | Isopropylether             |    | ++ |    | ++ |    | Sodium sulphate solution  | 10 | ++ | ++ | ++ |    |
| Bromine                  | -  | -  | -  |    |    | Lead acetate solution      | 10 | +  | ++ | ++ |    | Sodium sulphide solution  | 10 | -  | ++ | +  |    |
| Butane                   | -  | ++ | ++ |    |    | Lead nitrate               |    | ++ |    | ++ |    | Sodium trisulphite        | 10 | ++ | ++ | +  |    |
| Carbon dioxide           |    | ++ |    |    |    | Lemon essence              |    |    |    | ++ |    | Stearic acid              | -  | ++ | -  |    |    |
| Carbon monoxide          | ++ | -  |    |    |    | Magnesium salts solution   | 10 | ++ | ++ | ++ |    | Sulphuric acid            | -  | -  | -  |    |    |
| Carbon tetrachloride     | -  | ++ | -  |    |    | Malic acid                 |    |    |    | ++ |    | Tannic acid               | 10 | ++ |    |    |    |
| Casein                   |    | ++ |    |    |    | Manganese salts            | 10 | +  |    |    |    | Tartaric acid solution    | 10 | ++ | ++ |    |    |
| Castor oil               |    |    | ++ |    |    | Mercury                    |    | ++ | ++ | ++ |    | Tincture of Iodine        | ++ | -  | -  |    |    |
| China ink                | ++ | ++ | ++ |    |    | Mercury bichloride         |    | -  | ++ |    |    | Toluene                   | -  | ++ | -  |    |    |
| Chlorine solution        | -  | -  | -  | -  |    | Methyl alcohol             |    | +  | +  | ++ |    | Trichloroethylene         | -  | -  | -  |    |    |
| Chromic acid solution    | 10 | -  | +  | -  |    | Methylene chloride         |    | -  | -  | -  |    | Turpentine oil            | -  | ++ | -  |    |    |
| Clophene                 | -  | ++ | -  |    |    | Methylethylketone          |    | ++ | -  | ++ |    | Uranium fluoride          | -  | -  | -  |    |    |
| Cobalt salts solution    | 20 | -  |    |    |    | Methylpyrrolidone          |    |    |    |    |    | Uric acid solution        | 10 | ++ | ++ |    |    |
| Coconut oil              | -  | ++ | ++ |    |    | Milk                       |    | ++ | ++ | ++ |    | Urine                     | ++ | ++ |    |    |    |
| Cold water               | ++ | ++ | ++ |    |    | Mineral oils               |    | -  | ++ | ++ |    | Vaseline                  | -  | +  | ++ |    |    |
| Combust gas              |    | -  |    |    |    | Mixed acids                |    | -  | -  | -  |    | Vegetable oils            | -  | ++ | ++ |    |    |
| Copper chloride          | ++ |    | ++ |    |    | Mixtures of amino acids    |    |    |    | ++ |    | Vinyl chloride, 80°C      | -  | ++ | -  |    |    |
| Copper salts solution    | 10 | -  | ++ |    |    | Monobromobenzol            |    |    |    |    |    | Waste water               |    | ++ | +  |    |    |
| Copper sulphate          | +  | +  | ++ | ++ |    | Mortar, cement, lime       |    | ++ | ++ |    |    | Water (seawater)          | ++ | ++ | +  |    |    |
| Cottonseed oil           |    |    | ++ |    |    | Mustard                    |    |    |    | ++ |    | Water up to 80°C          | +  | ++ | -  |    |    |
| Creosol                  | -  | ++ | +  |    |    | Naphthalene                |    | -  | ++ | -  | ++ | Wax, 80°C                 |    |    | ++ |    |    |
| Cyclohexanol             | +  | ++ | +  |    |    | Nickel chloride solution   | 10 | ++ | +  | ++ |    | Xylene                    | -  | ++ | -  |    |    |
| Decalcifier solution     | 10 | -  | ++ | -  |    | Nickel salts solution      | 10 | +  | ++ |    |    | Zinc chloride solution    | 10 | ++ | +  | ++ |    |
| Dichlorobenzene          | -  | ++ | -  |    |    | Nickel sulphate solution   | 10 | -  | +  | ++ |    | Zinc salt rhodamines      | 30 | -  |    |    |    |
| Dichloroethylene         | -  | -  | -  |    |    | Nitromuriatic acid         |    | -  | -  | -  |    |                           |    |    |    |    |    |
| Diethylenic glycol       | ++ | ++ | ++ |    |    | Noble gas                  |    |    |    | ++ |    |                           |    |    |    |    |    |



### Varianten / Zubehör Versions / accessory

#### wahlweise / optional:

Rahmenfarbe: blau, rot oder grau  
Frame color: blue, red or grey

### Transportroller

**Rahmen:** aus robustem ABS Kunststoff mit Innenmaß 600x400mm (passend für Euro-Stapelbehälter).

#### Vorteile:

hohe Tragkraft  
gut zu reinigen  
extrem günstig  
sehr langlebig  
lebensmittelecht

DEKRA geprüft

### Dollies

**Frame:** robust ABS material (inside 600x400mm).

#### advantages:

high load capacity  
easy to clean  
extreme low priced  
long-lived  
is particularly suitable for the food industry  
tested by DEKRA



Artikel-Nr.: WTR/G/W6377/3/100

Ausführung: grauer ABS Kunststoffrahmen mit 4 Stück Vollkunststoffrädern aus Polyamid 6, thermoplastische Gummiräder ø100mm (mit mittig eingesetztem Kugellager), Kunststoff-Fadenschutz, Tragkraft 250Kg

Code-no.: WTR/G/W6377/3/100

Version: grey abs plastic frame with 4 pcs. polyamide castors and thermoplastic rubber wheels ø 100mm (ball bearing with central injected precision ball bearing), plastic threadguard, load capacity 250Kg



elastisch  
soft

Artikel-Nr.: WTR/G/W9460/1/100/S82

Ausführung: grauer ABS Kunststoffrahmen mit 4 Stück Edelstahl-Lenkrollen, elastische Polyurethanräder ø100mm (82° Shore A), Gleitlager, Tragkraft 250Kg

Code-no.: WTR/G/W9460/1/100/S82

Version: grey abs plastic frame with 4 pcs. stainless steel housing castors, elastic polyurethane wheels ø 100mm (82° shore A), plain bearing, load capacity 250Kg.



Artikel-Nr.: WTR/G/W6460/1/100/SP

Ausführung: grauer ABS Kunststoffrahmen mit 4 Stück Edelstahl-Lenkrollen, thermoplastische Gummiräder ø100mm, Gleitlager, Tragkraft bis 375Kg

Code-no.: WTR/G/W6460/1/100/SP

Version: grey abs plastic frame with 4 pcs. stainless steel housing castors, thermoplastic wheels ø 100mm, plain bearing, load capacity up to 375Kg.



# bis 375 Kg up to 375 Kg



**Passend für Euro-Stapelbehälter in verschiedenen Höhen.**  
 For EU-Cases in different highs.



**Artikel-Nr.: WTR/R/W641/1/100/SP**

Ausführung: **roter** ABS Kunststoffrahmen mit 4 Stück Stahlblechlenkrollen, verzinkt; thermoplastische Gummiräder ø100mm, Gleitlager, Tragkraft bis 375Kg.

**Code-no.: WTR/R/W641/1/100/SP**

Version: **red** abs plastic frame with 4 pcs. steel housing castors, glossy zinc, thermoplastic rubber wheels ø 100mm, plain bearing, load capacity up to 375Kg.



**Artikel-Nr.: WTR/B/W041/1/100**

Ausführung: **blauer** ABS Kunststoffrahmen mit 4 Stück Stahlblechlenkrollen, verzinkt, Kunststoffräder ø100mm, Gleitlager, Tragkraft 250Kg.

**Code-no.: WTR/B/W041/1/100**

Version: **blue** abs plastic frame with 4 pos. steel housing castors, glossy zinc, plastic wheels ø 100mm, plain bearing, load capacity 250Kg.



**Artikel-Nr.: WTR/R/W941/1/100/S92**

Ausführung: **roter** ABS Kunststoffrahmen mit 4 Stück Stahlblechlenkrollen, verzinkt; Polyurethanräder ø100mm (92° Shore A), Gleitlager, Tragkraft 250Kg.

**Code-no.: WTR/R/W941/1/100/S92**

Version: **red** abs plastic frame with 4 pcs. steel housing castors, glossy zinc, polyurethane wheels ø 100mm (92° shore A), plain bearing, load capacity 250Kg.



**Artikel-Nr.: WTR/B/W941/1/100/S82**

Ausführung: **blauer** ABS Kunststoffrahmen mit 4 Stück Stahlblechlenkrollen, verzinkt, elastische Polyurethanräder ø100mm (92° Shore A), Gleitlager, Tragkraft 250Kg.

**Code-no.: WTR/B/W941/1/100/S82**

Version: **blue** abs plastic frame with 4 pos. steel housing castors, glossy zinc, elastic polyurethane wheels ø 100mm (92°shore A), plain bearing, load capacity 250Kg.



**Artikel-Nr.: WTR/R/W9460/1/100/S92**

Ausführung: **roter** ABS Kunststoffrahmen mit 4 Stück Edelstahl-Lenkrollen, elastische Polyurethanräder ø100mm (92° Shore A), Gleitlager, Tragkraft 250Kg.

**Code-no.: WTR/R/W9460/1/100/S92**

Version: **red** abs plastic frame with 4 pcs. stainless steel housing castors, elastic polyurethane wheels ø 100mm (92°shore A), plain bearing, load capacity 250Kg.

**Artikel-Nr.: WTR/B/W0460/1/100**

Ausführung: **blauer** ABS Kunststoffrahmen mit 4 Stück Edelstahl-Lenkrollen, Kunststoffräder ø100mm, Gleitlager, Tragkraft 250Kg.

**Code-no.: WTR/B/W0460/1/100**

Version: **blue** abs plastic frame with 4 pos. stainless steel housing castors, plastic wheels ø 100mm, plain bearing, load capacity 250Kg.



| Räder<br>Wheels |     |    |    |    |     |  |
|-----------------|-----|----|----|----|-----|--|
| Code:           | mm  | mm | mm | mm | Kg  |  |
| W7/1/80         | 80  | 30 | 12 | 40 | 50  |  |
| W7/2/80         | 80  | 30 | 12 | 40 | 50  |  |
| W7/1/100        | 100 | 30 | 12 | 40 | 70  |  |
| W7/2/100        | 100 | 30 | 12 | 40 | 70  |  |
| W7/1/125        | 125 | 37 | 15 | 50 | 100 |  |
| W7/1/125/1      | 125 | 37 | 15 | 44 | 100 |  |
| W7/2/125        | 125 | 37 | 15 | 50 | 100 |  |
| W7/2/125/1      | 125 | 37 | 12 | 44 | 100 |  |
| W7/1/140        | 140 | 37 | 15 | 50 | 125 |  |
| W7/1/140/1      | 140 | 37 | 15 | 44 | 125 |  |
| W7/2/140        | 140 | 37 | 15 | 50 | 125 |  |
| W7/3/140        | 140 | 37 | 15 | 58 | 125 |  |
| W7/1/150        | 150 | 40 | 15 | 48 | 130 |  |
| W7/1/150/1      | 150 | 40 | 20 | 45 | 130 |  |
| W7/2/150        | 150 | 40 | 20 | 58 | 130 |  |
| W7/3/150        | 150 | 40 | 15 | 58 | 130 |  |
| W7/1/160        | 160 | 40 | 20 | 45 | 135 |  |
| W7/1/160/1      | 160 | 40 | 15 | 48 | 135 |  |
| W7/1/160/2      | 160 | 40 | 20 | 58 | 135 |  |
| W7/2/160        | 160 | 40 | 20 | 58 | 135 |  |
| W7/2/160/1      | 160 | 40 | 15 | 48 | 135 |  |
| W7/3/160        | 160 | 40 | 15 | 58 | 135 |  |
| W7/1/180        | 180 | 50 | 20 | 58 | 170 |  |
| W7/2/180        | 180 | 50 | 20 | 60 | 170 |  |
| W7/3/180        | 180 | 50 | 15 | 58 | 170 |  |
| W7/1/200        | 200 | 50 | 20 | 58 | 205 |  |
| W7/1/200/1      | 200 | 50 | 25 | 60 | 205 |  |
| W7/2/200        | 200 | 50 | 20 | 60 | 205 |  |
| W7/2/200/1      | 200 | 50 | 25 | 60 | 205 |  |
| W7/3/200        | 200 | 50 | 20 | 58 | 205 |  |
| W7/3/200/1      | 200 | 50 | 25 | 58 | 205 |  |
| W7/3/200/2      | 200 | 50 | 15 | 58 | 205 |  |
| W7/1/225        | 225 | 50 | 20 | 58 | 250 |  |
| W7/1/225/1      | 225 | 50 | 25 | 60 | 250 |  |
| W7/2/225        | 225 | 50 | 20 | 60 | 250 |  |
| W7/2/225/1      | 225 | 50 | 25 | 60 | 250 |  |
| W7/3/225        | 225 | 50 | 20 | 58 | 250 |  |
| W7/3/225/1      | 225 | 50 | 25 | 58 | 250 |  |
| W7/1/250        | 250 | 60 | 25 | 75 | 295 |  |
| W7/1/250/1      | 250 | 60 | 20 | 75 | 295 |  |
| W7/1/250/2      | 250 | 60 | 25 | 60 | 280 |  |
| W7/2/250        | 250 | 60 | 25 | 75 | 295 |  |
| W7/2/250/1      | 250 | 60 | 20 | 75 | 295 |  |
| W7/2/250/3      | 250 | 60 | 20 | 60 | 280 |  |
| W7/3/250        | 250 | 60 | 25 | 64 | 295 |  |
| W7/3/250/1      | 250 | 60 | 20 | 64 | 295 |  |
| W7/1/280        | 280 | 60 | 25 | 75 | 295 |  |
| W7/1/280/1      | 280 | 60 | 20 | 75 | 295 |  |
| W7/2/280        | 280 | 60 | 25 | 75 | 295 |  |
| W7/2/280/1      | 280 | 60 | 20 | 75 | 295 |  |
| W7/3/280        | 280 | 60 | 25 | 64 | 295 |  |
| W7/3/280/1      | 280 | 60 | 20 | 64 | 295 |  |
| W7/2/400        | 400 | 90 | 25 | 75 | 350 |  |

## Gummi-Räder

**Rad:** Radkörper aus stoß und schlagfestem Kunststoff. Ausgerüstet mit Gummibereifung. Reifenfarbe: schwarz.

## Rubber wheels

**Wheel:** Wheel centre out of plastic, equipped with black rubber tyre.



leichte Räder / Light wheels

| Räder<br>Wheels |     |    |    |    |     |  |  |
|-----------------|-----|----|----|----|-----|--|--|
| Code:           | mm  | mm | mm | mm | Kg  |  |  |
| W7/1/80/LA      | 80  | 26 | 8  | 35 | 30  |  |  |
| W7/1/100/LA     | 100 | 30 | 10 | 35 | 35  |  |  |
| W7/1/125/LA     | 125 | 35 | 15 | 44 | 50  |  |  |
| W7/1/150/LA     | 150 | 40 | 15 | 44 | 80  |  |  |
| W7/1/175/LA     | 175 | 45 | 20 | 58 | 100 |  |  |
| W7/1/200/LA     | 200 | 50 | 20 | 58 | 120 |  |  |
| W7/1/250/LA     | 250 | 60 | 20 | 74 | 150 |  |  |
| W7/1/250/LA/1   | 250 | 50 | 25 | 58 | 120 |  |  |
| W7/1/300/LA     | 300 | 60 | 25 | 74 | 150 |  |  |



leichte Räder / Light wheels  
Nabe versetzt / Hub offset  
Nabenkappe / Hub cap

| Räder<br>Wheels |     |    |    |    |     |    |  |
|-----------------|-----|----|----|----|-----|----|--|
| Code:           | mm  | mm | mm | mm | Kg  | mm |  |
| W7/1/200/LAC    | 200 | 50 | 20 | 44 | 100 | 14 |  |
| W7/1/250/LAC    | 250 | 70 | 20 | 58 | 120 | 17 |  |
| W7/1/250/LAC/1  | 250 | 70 | 25 | 58 | 120 | 17 |  |
| W7/1/300/LAC    | 300 | 70 | 25 | 58 | 140 | 17 |  |



NEU

Nabe versetzt / Hub offset  
Radkappe / Hub cap

| Räder<br>Wheels       |     |    |    |    |     |    |  |
|-----------------------|-----|----|----|----|-----|----|--|
| Code:                 | mm  | mm | mm | mm | Kg  | mm |  |
| W7/1/250/25/S/BO      | 250 | 60 | 25 | 59 | 295 | 15 |  |
| W7/1/250/25/S/BO      | 250 | 60 | 25 | 59 | 295 | 15 |  |
| W7/1/250/25/GB/BO     | 250 | 60 | 25 | 59 | 295 | 15 |  |
| W7/1/250/25/S/BO/300  | 250 | 60 | 25 | 59 | 295 | 15 |  |
| W7/1/300/25/S/BO/300  | 300 | 60 | 25 | 56 | 250 | 13 |  |
| W7/1/300/25/GB/BO/300 | 300 | 60 | 25 | 56 | 250 | 13 |  |

Andere Farben lieferbar:

B = blaue Radkappe - R = rote Radkappe

S = schwarze Radkappe - GB = gelbe Radkappe

Other colours on request:

R = red hub cap - B = blue hub cap

S = black hub cap - GB = yellow hub cap

## Gummi-Räder

**Rad:** Radkörper aus stoß und schlagfestem Kunststoff. Ausgerüstet mit Gummibereifung.

## Rubber wheels

**Wheel:** Wheel centre out of plastic, equipped with rubber tyre.



Räder / Wheels  
grauer Reifen / Grey tyre

| Räder<br>Wheels | Code: | mm  | mm | mm | mm | Kg  |        |
|-----------------|-------|-----|----|----|----|-----|--------|
| W7/1/80/G       |       | 80  | 30 | 12 | 40 | 50  | ■■■    |
| W7/2/80/G       |       | 80  | 30 | 12 | 40 | 50  | ■■■    |
| W7/1/100/G      |       | 100 | 30 | 12 | 40 | 70  | ■■■    |
| W7/2/100/G      |       | 100 | 30 | 12 | 40 | 70  | ■■■    |
| W7/1/125/G      |       | 125 | 37 | 15 | 50 | 100 | ■■■    |
| W7/1/125/1/G    |       | 125 | 37 | 15 | 44 | 100 | ■■■    |
| W7/2/125/G      |       | 125 | 37 | 15 | 50 | 100 | ■■■    |
| W7/2/125/1      |       | 125 | 37 | 15 | 44 | 100 | ■■■    |
| W7/1/140/G      |       | 140 | 37 | 15 | 50 | 125 | ■■■    |
| W7/2/140/G      |       | 140 | 37 | 15 | 50 | 125 | ■■■    |
| W7/3/140/G      |       | 140 | 37 | 15 | 58 | 125 | ■■■    |
| W7/1/150/G      |       | 150 | 40 | 15 | 48 | 130 | ■■■    |
| W7/2/150/G      |       | 150 | 40 | 20 | 58 | 130 | ■■■    |
| W7/3/150/G      |       | 150 | 40 | 15 | 58 | 130 | ■■■    |
| W7/1/160/G      |       | 160 | 40 | 20 | 58 | 135 | ■■■    |
| W7/1/160/1/G    |       | 160 | 40 | 15 | 48 | 135 | ■■■    |
| W7/1/160/G      |       | 160 | 40 | 20 | 58 | 135 | ■■■    |
| W7/2/160/G      |       | 160 | 40 | 20 | 58 | 135 | ■■■    |
| W7/2/160/1/G    |       | 160 | 40 | 15 | 48 | 135 | ■■■    |
| W7/3/160/G      |       | 160 | 40 | 15 | 58 | 135 | ■■■    |
| W7/1/180/G      |       | 180 | 50 | 20 | 58 | 170 | ■■■■■  |
| W7/2/180/G      |       | 180 | 50 | 20 | 60 | 170 | ■■■■■  |
| W7/3/180/G      |       | 180 | 50 | 15 | 58 | 170 | ■■■■■  |
| W7/1/200/G      |       | 200 | 50 | 20 | 58 | 205 | ■■■■■  |
| W7/1/200/1/G    |       | 200 | 50 | 25 | 60 | 205 | ■■■■■  |
| W7/2/200/G      |       | 200 | 50 | 20 | 60 | 205 | ■■■■■  |
| W7/2/200/1/G    |       | 200 | 50 | 25 | 60 | 205 | ■■■■■  |
| W7/3/200/G      |       | 200 | 50 | 20 | 58 | 205 | ■■■■■  |
| W7/3/200/1/G    |       | 200 | 50 | 25 | 58 | 205 | ■■■■■  |
| W7/3/200/2/G    |       | 200 | 50 | 15 | 58 | 205 | ■■■■■  |
| W7/1/250/G      |       | 250 | 60 | 25 | 75 | 295 | ■■■■■■ |
| W7/1/250/1/G    |       | 250 | 60 | 20 | 75 | 295 | ■■■■■■ |
| W7/1/250/2/G    |       | 250 | 60 | 25 | 60 | 280 | ■■■■■■ |
| W7/2/250/G      |       | 250 | 60 | 25 | 75 | 295 | ■■■■■■ |
| W7/2/250/1/G    |       | 250 | 60 | 20 | 75 | 295 | ■■■■■■ |
| W7/2/250/3/G    |       | 250 | 60 | 20 | 60 | 280 | ■■■■■■ |
| W7/3/250/G      |       | 250 | 60 | 25 | 64 | 295 | ■■■■■■ |
| W7/3/250/1/G    |       | 250 | 60 | 20 | 64 | 295 | ■■■■■■ |



Räder / Wheels  
grauer thermoplast Reifen / Grey thermoplastic rubber

| Räder<br>Wheels | Code: | mm  | mm | mm | mm | Kg  |       |
|-----------------|-------|-----|----|----|----|-----|-------|
| W9/1/80/SP      |       | 80  | 34 | 12 | 40 | 120 | ■■■■■ |
| W9/2/80/SP      |       | 80  | 34 | 12 | 40 | 120 | ■■■■■ |
| W9/3/80/SP      |       | 80  | 34 | 12 | 40 | 120 | ■■■■■ |
| W9/1/100/SP     |       | 100 | 34 | 12 | 40 | 150 | ■■■■■ |
| W9/2/100/SP     |       | 100 | 34 | 12 | 40 | 150 | ■■■■■ |
| W9/3/100/SP     |       | 100 | 34 | 12 | 40 | 150 | ■■■■■ |
| W9/1/125/SP     |       | 125 | 40 | 15 | 50 | 200 | ■■■■■ |
| W9/2/125/SP     |       | 125 | 40 | 15 | 50 | 200 | ■■■■■ |
| W9/3/125/SP     |       | 125 | 40 | 15 | 50 | 200 | ■■■■■ |
| W9/1/150/SP     |       | 150 | 35 | 15 | 44 | 140 | ■■■■■ |
| W9/2/150/SP     |       | 150 | 35 | 15 | 44 | 140 | ■■■■■ |
| W9/1/160/SP     |       | 160 | 45 | 20 | 60 | 260 | ■■■■■ |
| W9/2/160/SP     |       | 160 | 45 | 20 | 60 | 260 | ■■■■■ |
| W9/3/160/SP     |       | 160 | 45 | 20 | 60 | 260 | ■■■■■ |
| W9/1/175/SP     |       | 175 | 45 | 20 | 58 | 175 | ■■■■■ |
| W9/2/175/SP     |       | 175 | 45 | 20 | 58 | 175 | ■■■■■ |
| W9/1/200/SP     |       | 200 | 50 | 20 | 60 | 350 | ■■■■■ |
| W9/2/200/SP     |       | 200 | 50 | 20 | 60 | 350 | ■■■■■ |
| W9/3/200/SP     |       | 200 | 50 | 20 | 60 | 350 | ■■■■■ |
| W9/1/250/SP     |       | 250 | 60 | 25 | 75 | 450 | ■■■■■ |
| W9/2/250/SP     |       | 250 | 60 | 25 | 75 | 450 | ■■■■■ |
| W9/3/250/SP     |       | 250 | 60 | 25 | 75 | 450 | ■■■■■ |



| Räder<br>Wheels | Code: | mm  | mm | mm | mm | Kg  |       |
|-----------------|-------|-----|----|----|----|-----|-------|
| W7/1/200/N      |       | 200 | 50 | 20 | -  | 205 | ■■■■■ |
| W7/1/200/N/G    |       | 200 | 50 | 20 | -  | 205 | ■■■■■ |

Nasenräder für Müllbehälter 80, 100, 120 & 240 L

G = graue Lauffläche

Wheels for garbage containers 80, 100, 120 & 240 L

G = grey tyre



| Lenkrolle<br>Swivel castors<br>Code: | Lenkrolle Stop<br>Swivel castors lock<br>Code: | Bockrolle<br>Fixed castors<br>Code: |     |    |     |    |         |        |    |     |    |   |
|--------------------------------------|--|-------------------------------------|-----|----|-----|----|---------|--------|----|-----|----|---|
|                                      |  |                                     | mm  | mm | mm  | mm | mm      | mm     | mm | mm  | Kg | H |
| W741/1/80                            | W741/F/1/80                                    | W739/1/80                           | 80  | 30 | 105 | 36 | 105x80  | 80x60  | 9  | 50  |    |   |
| W741/2/80                            | W741/F/2/80                                    | W739/2/80                           | 80  | 30 | 105 | 36 | 105x80  | 80x60  | 9  | 50  |    |   |
| W741/1/100                           | W741/F/1/100                                   | W739/1/100                          | 100 | 30 | 128 | 36 | 105x80  | 80x60  | 9  | 70  |    |   |
| W741/2/100                           | W741/F/2/100                                   | W739/2/100                          | 100 | 30 | 128 | 36 | 105x80  | 80x60  | 9  | 70  |    |   |
| W741/1/125                           | W741/F/1/125                                   | W739/1/125                          | 125 | 37 | 155 | 36 | 105x80  | 80x60  | 9  | 100 |    |   |
| W741/2/125                           | W741/F/2/125                                   | W739/2/125                          | 125 | 37 | 155 | 36 | 105x80  | 80x60  | 9  | 100 |    |   |
| W741/1/140                           | W741/F/1/140                                   | W739/1/140                          | 140 | 37 | 173 | 40 | 100x80  | 80x60  | 9  | 110 |    |   |
| W741/2/140                           | W741/F/2/140                                   | W739/2/140                          | 140 | 37 | 173 | 40 | 100x80  | 80x60  | 9  | 110 |    |   |
| W741/1/150                           | W741/F/1/150                                   | W739/1/150                          | 150 | 37 | 178 | 40 | 100x80  | 80x60  | 9  | 120 |    |   |
| W741/2/150                           | W741/F/2/150                                   | W739/2/150                          | 150 | 37 | 178 | 40 | 100x80  | 80x60  | 9  | 120 |    |   |
| W741/1/160                           | W741/F/1/160                                   | W739/1/160                          | 160 | 40 | 195 | 52 | 135x110 | 105x80 | 11 | 135 |    |   |
| W741/2/160                           | W741/F/2/160                                   | W739/2/160                          | 160 | 40 | 195 | 52 | 135x110 | 105x80 | 11 | 135 |    |   |
| W741/1/180                           | W741/F/1/180                                   | W739/1/180                          | 180 | 50 | 218 | 48 | 138x109 | 105x80 | 11 | 170 |    |   |
| W741/2/180                           | W741/F/2/180                                   | W739/2/180                          | 180 | 50 | 218 | 48 | 138x109 | 105x80 | 11 | 170 |    |   |
| W741/1/200                           | W741/F/1/200                                   | W739/1/200                          | 200 | 50 | 235 | 54 | 135x110 | 105x80 | 11 | 205 |    |   |
| W741/2/200                           | W741/F/2/200                                   | W739/2/200                          | 200 | 50 | 235 | 54 | 135x110 | 105x80 | 11 | 205 |    |   |
| W741/1/250                           | W741/F/1/250                                   | W739/1/250                          | 250 | 60 | 290 | 66 | 135x110 | 105x80 | 11 | 295 |    |   |
| W741/2/250                           | W741/F/2/250                                   | W739/2/250                          | 250 | 60 | 290 | 66 | 135x110 | 105x80 | 11 | 295 |    |   |

schwarze Bereifung / Black rubber tire



Rostfreie Ausführungen Seite 61 - 70 / Stainless steel castors page 61 - 70

| Lenkrolle<br>Swivel castors<br>Code: | Lenkrolle Stop<br>Swivel castors lock<br>Code: | Bockrolle<br>Fixed castors<br>Code: |     |    |     |    |         |        |    |     |    |   |
|--------------------------------------|--|-------------------------------------|-----|----|-----|----|---------|--------|----|-----|----|---|
|                                      |  |                                     | mm  | mm | mm  | mm | mm      | mm     | mm | mm  | Kg | H |
| W741/1/80/G                          | W741/F/1/80/G                                  | W739/1/80/G                         | 80  | 30 | 105 | 36 | 105x80  | 80x60  | 9  | 50  |    |   |
| W741/2/80/G                          | W741/F/2/80/G                                  | W739/2/80/G                         | 80  | 30 | 105 | 36 | 105x80  | 80x60  | 9  | 50  |    |   |
| W741/1/100/G                         | W741/F/1/100/G                                 | W739/1/100/G                        | 100 | 30 | 128 | 36 | 105x80  | 80x60  | 9  | 70  |    |   |
| W741/2/100/G                         | W741/F/2/100/G                                 | W739/2/100/G                        | 100 | 30 | 128 | 36 | 105x80  | 80x60  | 9  | 70  |    |   |
| W741/1/125/G                         | W741/F/1/125/G                                 | W739/1/125/G                        | 125 | 37 | 155 | 36 | 105x80  | 80x60  | 9  | 100 |    |   |
| W741/2/125/G                         | W741/F/2/125/G                                 | W739/2/125/G                        | 125 | 37 | 155 | 36 | 105x80  | 80x60  | 9  | 100 |    |   |
| W741/1/140/G                         | W741/F/1/140/G                                 | W739/1/140/G                        | 140 | 37 | 173 | 40 | 100x80  | 80x60  | 9  | 110 |    |   |
| W741/2/140/G                         | W741/F/2/140/G                                 | W739/2/140/G                        | 140 | 37 | 173 | 40 | 100x80  | 80x60  | 9  | 110 |    |   |
| W741/1/150/G                         | W741/F/1/150/G                                 | W739/1/150/G                        | 150 | 37 | 178 | 40 | 100x80  | 80x60  | 9  | 120 |    |   |
| W741/2/150/G                         | W741/F/2/150/G                                 | W739/2/150/G                        | 150 | 37 | 178 | 40 | 100x80  | 80x60  | 9  | 120 |    |   |
| W741/1/160/G                         | W741/F/1/160/G                                 | W739/1/160/G                        | 160 | 40 | 195 | 52 | 135x110 | 105x80 | 11 | 135 |    |   |
| W741/2/160/G                         | W741/F/2/160/G                                 | W739/2/160/G                        | 160 | 40 | 195 | 52 | 135x110 | 105x80 | 11 | 135 |    |   |
| W741/1/180/G                         | W741/F/1/180/G                                 | W739/1/180/G                        | 180 | 50 | 218 | 48 | 138x109 | 105x80 | 11 | 170 |    |   |
| W741/2/180/G                         | W741/F/2/180/G                                 | W739/2/180/G                        | 180 | 50 | 218 | 48 | 138x109 | 105x80 | 11 | 170 |    |   |
| W741/1/200/G                         | W741/F/1/200/G                                 | W739/1/200/G                        | 200 | 50 | 235 | 54 | 135x110 | 105x80 | 11 | 205 |    |   |
| W741/2/200/G                         | W741/F/2/200/G                                 | W739/2/200/G                        | 200 | 50 | 235 | 54 | 135x110 | 105x80 | 11 | 205 |    |   |
| W741/1/250/G                         | W741/F/1/250/G                                 | W739/1/250/G                        | 250 | 60 | 290 | 66 | 135x110 | 105x80 | 11 | 295 |    |   |
| W741/2/250/G                         | W741/F/2/250/G                                 | W739/2/250/G                        | 250 | 60 | 290 | 66 | 135x110 | 105x80 | 11 | 295 |    |   |

graue Bereifung / Grey rubber tire

**Gummirollen**

Rad: Radkörper aus stoß- und schlagfestem Kunststoff. Ausgerüstet mit Gummibereifung.

Gehäuse: Stahlblech, verzinkt mit doppelter Kugellagerung im Gabelkopf, Radachse verschraubt. Feststeller mit Doppelstop.

**Rubber castors**

Wheel: Wheel centre out of plastic, equipped with rubber tyre.

Housing: Sheet steel housing, glossy zinc-plated, with twin ball bearing in the fork head. Wheel axle screwed. Lock with double stop.

## Gummirollen

**Rad:** Radkörper aus stoß- und schlagfestem Kunststoff. Ausgerüstet mit Gummibereifung.  
**Gehäuse:** Stahlblech, verzinkt mit doppelter Kugellagerung im Gabelkopf, Radachse verschraubt. Feststeller mit Doppelstop.

## Rubber castors

**Wheel:** Wheel centre out of plastic, equipped with rubber tyre.  
**Housing:** Sheet steel housing, glossy zinc-plated, with twin ball bearing in the fork head. Wheel axle screwed. Lock with double stop.


**Varianten / Zubehör**  
 Versions / accessory


| Lenkrolle<br>Swivel castors<br>Code: | Lenkrolle Stop<br>Swivel castors lock<br>Code: | Bockrolle<br>Fixed castors<br>Code: | Ø mm | Kg |  |
|--------------------------------------|--|-------------------------------------|------|------|------|------|------|------|----|--|
| W741/1/80/1                          | W741/F/1/80/1                                  | -                                   | 80   | 30   | 108  | 32   | 12   | 50   |    |  |
| W741/2/80/1                          | W741/F/2/80/1                                  | -                                   | 80   | 30   | 108  | 32   | 12   | 50   |    |  |
| W741/1/100/1                         | W741/F/1/100/1                                 | -                                   | 100  | 30   | 128  | 36   | 12   | 70   |    |  |
| W741/2/100/1                         | W741/F/2/100/1                                 | -                                   | 100  | 30   | 128  | 36   | 12   | 70   |    |  |
| W741/1/125/1                         | W741/F/1/125/1                                 | -                                   | 125  | 37   | 155  | 32   | 12   | 100  |    |  |
| W741/2/125/1                         | W741/F/2/125/1                                 | -                                   | 125  | 37   | 155  | 32   | 12   | 100  |    |  |
| W741/1/140/1                         | W741/F/1/140/1                                 | -                                   | 140  | 37   | 170  | 40   | 12   | 110  |    |  |
| W741/2/140/1                         | W741/F/2/140/1                                 | -                                   | 140  | 37   | 170  | 40   | 12   | 110  |    |  |
| W741/1/150/1                         | W741/F/1/150/1                                 | -                                   | 150  | 37   | 175  | 40   | 12   | 120  |    |  |
| W741/2/150/1                         | W741/F/2/150/1                                 | -                                   | 150  | 37   | 175  | 40   | 12   | 120  |    |  |
| W741/1/160/1                         | W741/F/1/160/1                                 | -                                   | 160  | 40   | 197  | 52   | 12   | 135  |    |  |
| W741/2/160/1                         | W741/F/2/160/1                                 | -                                   | 160  | 40   | 197  | 52   | 12   | 135  |    |  |
| W741/1/180/1                         | W741/F/1/180/1                                 | -                                   | 180  | 50   | 218  | 50   | 12   | 170  |    |  |
| W741/2/180/1                         | W741/F/2/180/1                                 | -                                   | 180  | 50   | 218  | 50   | 12   | 170  |    |  |
| W741/1/200/1                         | W741/F/1/200/1                                 | -                                   | 200  | 50   | 240  | 49   | 12   | 205  |    |  |
| W741/2/200/1                         | W741/F/2/200/1                                 | -                                   | 200  | 50   | 240  | 49   | 12   | 205  |    |  |

schwarze Bereifung / Black rubber tire



Rostfreie Ausführungen Seite 61 - 70 / Stainless steel castors page 61 - 70

| Lenkrolle<br>Swivel castors<br>Code: | Lenkrolle Stop<br>Swivel castors lock<br>Code: | Bockrolle<br>Fixed castors<br>Code: | Ø mm | Kg |  |
|--------------------------------------|--|-------------------------------------|------|------|------|------|------|------|----|--|
| W741/1/80/1/G                        | W741/F/1/80/1/G                                | -                                   | 80   | 30   | 108  | 32   | 12   | 50   |    |  |
| W741/2/80/1/G                        | W741/F/2/80/1/G                                | -                                   | 80   | 30   | 108  | 32   | 12   | 50   |    |  |
| W741/1/100/1/G                       | W741/F/1/100/1/G                               | -                                   | 100  | 30   | 128  | 36   | 12   | 70   |    |  |
| W741/2/100/1/G                       | W741/F/2/100/1/G                               | -                                   | 100  | 30   | 128  | 36   | 12   | 70   |    |  |
| W741/1/125/1/G                       | W741/F/1/125/1/G                               | -                                   | 125  | 37   | 155  | 32   | 12   | 100  |    |  |
| W741/2/125/1/G                       | W741/F/2/125/1/G                               | -                                   | 125  | 37   | 155  | 32   | 12   | 100  |    |  |
| W741/1/140/1/G                       | W741/F/1/140/1/G                               | -                                   | 140  | 37   | 170  | 40   | 12   | 110  |    |  |
| W741/2/140/1/G                       | W741/F/2/140/1/G                               | -                                   | 140  | 37   | 170  | 40   | 12   | 110  |    |  |
| W741/1/150/1/G                       | W741/F/1/150/1/G                               | -                                   | 150  | 37   | 175  | 40   | 12   | 120  |    |  |
| W741/2/150/1/G                       | W741/F/2/150/1/G                               | -                                   | 150  | 37   | 175  | 40   | 12   | 120  |    |  |
| W741/1/160/1/G                       | W741/F/1/160/1/G                               | -                                   | 160  | 40   | 197  | 52   | 12   | 135  |    |  |
| W741/2/160/1/G                       | W741/F/2/160/1/G                               | -                                   | 160  | 40   | 197  | 52   | 12   | 135  |    |  |
| W741/1/180/1/G                       | W741/F/1/180/1/G                               | -                                   | 180  | 50   | 218  | 50   | 12   | 170  |    |  |
| W741/2/180/1/G                       | W741/F/2/180/1/G                               | -                                   | 180  | 50   | 218  | 50   | 12   | 170  |    |  |
| W741/1/200/1/G                       | W741/F/1/200/1/G                               | -                                   | 200  | 50   | 240  | 49   | 12   | 205  |    |  |
| W741/2/200/1/G                       | W741/F/2/200/1/G                               | -                                   | 200  | 50   | 240  | 49   | 12   | 205  |    |  |

graue Bereifung / Grey rubber tire



### TPR-Rollen

**Rad:** Radkörper aus stoß- und schlagfestem Kunststoff. Ausgerüstet mit TPR Bereifung.  
**Gehäuse:** Stahlblech, verzinkt mit doppelter Kugellagerung im Gabelkopf, Radachse verschraubt. Feststeller mit Doppelstop.

### TPR castors

**Wheel:** Wheel centre out of plastic, equipped with TPR tire.  
**Housing:** Sheet steel housing, glossy zinc-plated, with twin ball bearing in the fork head. Wheel axle screwed. Lock with double stop.

| Lenkrolle<br>Swivel castors<br>Code: | Lenkrolle Stop<br>Swivel castors lock<br>Code: | Bockrolle<br>Fixed castors<br>Code: |  | mm  | mm | mm  | mm | mm      | mm     | mm | Kg  |  |
|--------------------------------------|--|-------------------------------------|--|-----|----|-----|----|---------|--------|----|-----|--|
| W941/1/80/SP                         | W941/F/1/80/SP                                 | W939/1/80/SP                        |  | 80  | 34 | 105 | 36 | 105x80  | 80x60  | 9  | 120 |  |
| W941/2/80/SP                         | W941/F/2/80/SP                                 | W939/2/80/SP                        |  | 80  | 34 | 105 | 36 | 105x80  | 80x60  | 9  | 120 |  |
| W941/3/80/SP                         | W941/F/3/80/SP                                 | W939/3/80/SP                        |  | 80  | 34 | 105 | 36 | 105x80  | 80x60  | 9  | 120 |  |
| W941/1/100/SP                        | W941/F/1/100/SP                                | W939/1/100/SP                       |  | 100 | 34 | 128 | 36 | 105x80  | 80x60  | 9  | 150 |  |
| W941/2/100/SP                        | W941/F/2/100/SP                                | W939/2/100/SP                       |  | 100 | 34 | 128 | 36 | 105x80  | 80x60  | 9  | 150 |  |
| W941/3/100/SP                        | W941/F/3/100/SP                                | W939/3/100/SP                       |  | 100 | 34 | 128 | 36 | 105x80  | 80x60  | 9  | 150 |  |
| W941/1/125/SP                        | W941/F/1/125/SP                                | W939/1/125/SP                       |  | 125 | 40 | 155 | 36 | 105x80  | 80x60  | 9  | 160 |  |
| W941/2/125/SP                        | W941/F/2/125/SP                                | W939/2/125/SP                       |  | 125 | 40 | 155 | 36 | 105x80  | 80x60  | 9  | 160 |  |
| W941/3/125/SP                        | W941/F/3/125/SP                                | W939/3/125/SP                       |  | 125 | 40 | 155 | 36 | 105x80  | 80x60  | 9  | 160 |  |
| W941/1/160/SP                        | W941/F/1/160/SP                                | W939/1/160/SP                       |  | 160 | 45 | 195 | 52 | 135x110 | 105x80 | 11 | 230 |  |
| W941/2/160/SP                        | W941/F/2/160/SP                                | W939/2/160/SP                       |  | 160 | 45 | 195 | 52 | 135x110 | 105x80 | 11 | 230 |  |
| W941/3/160/SP                        | W941/F/3/160/SP                                | W939/3/160/SP                       |  | 160 | 45 | 195 | 52 | 135x110 | 105x80 | 11 | 230 |  |
| W941/1/200/SP                        | W941/F/1/200/SP                                | W939/1/200/SP                       |  | 200 | 50 | 235 | 54 | 135x110 | 105x80 | 11 | 300 |  |
| W941/2/200/SP                        | W941/F/2/200/SP                                | W939/2/200/SP                       |  | 200 | 50 | 235 | 54 | 135x110 | 105x80 | 11 | 300 |  |
| W941/3/200/SP                        | W941/F/3/200/SP                                | W939/3/200/SP                       |  | 200 | 50 | 235 | 54 | 135x110 | 105x80 | 11 | 300 |  |
| W941/1/250/SP                        | W941/F/1/250/SP                                | W939/1/250/SP                       |  | 250 | 60 | 290 | 66 | 135x110 | 105x80 | 11 | 400 |  |
| W941/2/250/SP                        | W941/F/2/250/SP                                | W939/2/250/SP                       |  | 250 | 60 | 290 | 66 | 135x110 | 105x80 | 11 | 400 |  |
| W941/3/250/SP                        | W941/F/3/250/SP                                | W939/3/250/SP                       |  | 250 | 60 | 290 | 66 | 135x110 | 105x80 | 11 | 400 |  |

graue Bereifung / grey TPR tire



### Varianten / Zubehör

Versions / accessory



| Lenkrolle<br>Swivel castors<br>Code: | Lenkrolle Stop<br>Swivel castors lock<br>Code: | Bockrolle<br>Fixed castors<br>Code: |  | mm  | mm | mm  | mm | mm | mm  | Kg |  |
|--------------------------------------|--|-------------------------------------|--|-----|----|-----|----|----|-----|----|--|
| W941/1/80/1/SP                       | W941/F/1/80/1/SP                               | -                                   |  | 80  | 34 | 108 | 32 | 12 | 110 |    |  |
| W941/2/80/1/SP                       | W941/F/2/80/1/SP                               | -                                   |  | 80  | 34 | 108 | 32 | 12 | 110 |    |  |
| W941/3/80/1/SP                       | W941/F/3/80/1/SP                               | -                                   |  | 80  | 34 | 108 | 32 | 12 | 110 |    |  |
| W941/1/100/1/SP                      | W941/F/1/100/1/SP                              | -                                   |  | 100 | 34 | 128 | 32 | 12 | 120 |    |  |
| W941/2/100/1/SP                      | W941/F/2/100/1/SP                              | -                                   |  | 100 | 34 | 128 | 32 | 12 | 120 |    |  |
| W941/3/100/1/SP                      | W941/F/3/100/1/SP                              | -                                   |  | 100 | 34 | 128 | 32 | 12 | 120 |    |  |
| W941/1/125/1/SP                      | W941/F/1/125/1/SP                              | -                                   |  | 125 | 40 | 155 | 32 | 12 | 150 |    |  |
| W941/2/125/1/SP                      | W941/F/2/125/1/SP                              | -                                   |  | 125 | 40 | 155 | 32 | 12 | 150 |    |  |
| W941/3/125/1/SP                      | W941/F/3/125/1/SP                              | -                                   |  | 125 | 40 | 155 | 32 | 12 | 150 |    |  |
| W941/1/160/1/SP                      | W941/F/1/160/1/SP                              | -                                   |  | 160 | 45 | 197 | 52 | 12 | 200 |    |  |
| W941/2/160/1/SP                      | W941/F/2/160/1/SP                              | -                                   |  | 160 | 45 | 197 | 52 | 12 | 200 |    |  |
| W941/3/160/1/SP                      | W941/F/3/160/1/SP                              | -                                   |  | 160 | 45 | 197 | 52 | 12 | 200 |    |  |
| W941/1/200/1/SP                      | W941/F/1/200/1/SP                              | -                                   |  | 200 | 50 | 240 | 49 | 12 | 300 |    |  |
| W941/2/200/1/SP                      | W941/F/2/200/1/SP                              | -                                   |  | 200 | 50 | 240 | 49 | 12 | 300 |    |  |
| W941/3/200/1/SP                      | W941/F/3/200/1/SP                              | -                                   |  | 200 | 50 | 240 | 49 | 12 | 300 |    |  |

graue Bereifung / grey TPR tire

## Schwerlast TPR - Rollen

**Rad:** Radkörper aus stoß- und schlagfestem Kunststoff. Ausgerüstet mit TPR Bereifung.  
**Gehäuse:** Stahlblech, verzinkt mit doppelter Kugellagerung im Gabelkopf, Radachse verschraubt. Feststeller mit Doppelstop.

## Heavy duty TPR - castors

**Wheel:** centre out of plastic, equipped with TPR tyre. **Housing:** Sheet steel housing, glossy zinc-plated, with twin ball bearing in the fork head. Wheel axle screwed. Double stop.



| Lenkrolle<br>Swivel castors<br>Code: | Lenkrolle Stop<br>Swivel castors lock<br>Code: | Bockrolle<br>Fixed castors<br>Code: | mm  | mm | mm  | mm | mm      | mm      | mm | mm  | Kg |  |
|--------------------------------------|--|-------------------------------------|-----|----|-----|----|---------|---------|----|-----|----|--|
| W941/1/80/SP/MP4                     | W941/F/1/80/SP/MP4                             | W939/1/80/SP/MP4                    | 80  | 34 | 108 | 47 | 100x84  | 80x60   | 9  | 120 |    |  |
| W941/2/80/SP/MP4                     | W941/F/2/80/SP/MP4                             | W939/2/80/SP/MP4                    | 80  | 34 | 108 | 47 | 100x84  | 80x60   | 9  | 120 |    |  |
| W941/3/80/SP/MP4                     | W941/F/3/80/SP/MP4                             | W939/3/80/SP/MP4                    | 80  | 34 | 108 | 47 | 100x84  | 80x60   | 9  | 120 |    |  |
| W941/1/100/SP/MP4                    | W941/F/1/100/SP/MP4                            | W939/1/100/SP/MP4                   | 100 | 34 | 128 | 47 | 100x84  | 80x60   | 9  | 150 |    |  |
| W941/2/100/SP/MP4                    | W941/F/2/100/SP/MP4                            | W939/2/100/SP/MP4                   | 100 | 34 | 128 | 47 | 100x84  | 80x60   | 9  | 150 |    |  |
| W941/3/100/SP/MP4                    | W941/F/3/100/SP/MP4                            | W939/3/100/SP/MP4                   | 100 | 34 | 128 | 47 | 100x84  | 80x60   | 9  | 150 |    |  |
| W941/1/125/SP/MP5                    | W941/F/1/125/SP/MP5                            | W939/1/125/SP/MP5                   | 125 | 40 | 155 | 51 | 100x84  | 80x60   | 9  | 200 |    |  |
| W941/2/125/SP/MP5                    | W941/F/2/125/SP/MP5                            | W939/2/125/SP/MP5                   | 125 | 40 | 155 | 51 | 100x84  | 80x60   | 9  | 200 |    |  |
| W941/3/125/SP/MP5                    | W941/F/3/125/SP/MP5                            | W939/3/125/SP/MP5                   | 125 | 40 | 155 | 51 | 100x84  | 80x60   | 9  | 200 |    |  |
| W941/1/160/SP/P6                     | W941/F/1/160/SP/P6                             | W939/1/160/SP/P6                    | 160 | 45 | 200 | 60 | 132x110 | 105x80  | 12 | 260 |    |  |
| W941/2/160/SP/P6                     | W941/F/2/160/SP/P6                             | W939/2/160/SP/P6                    | 160 | 45 | 200 | 60 | 132x110 | 105x80  | 12 | 260 |    |  |
| W941/3/160/SP/P6                     | W941/F/3/160/SP/P6                             | W939/3/160/SP/P6                    | 160 | 45 | 200 | 60 | 132x110 | 105x80  | 12 | 260 |    |  |
| W941/1/200/SP/P6                     | W941/F/1/200/SP/P6                             | W939/1/200/SP/P6                    | 200 | 50 | 243 | 59 | 132x110 | 105x80  | 12 | 350 |    |  |
| W941/2/200/SP/P6                     | W941/F/2/200/SP/P6                             | W939/2/200/SP/P6                    | 200 | 50 | 243 | 59 | 132x110 | 105x80  | 12 | 350 |    |  |
| W941/3/200/SP/P6                     | W941/F/3/200/SP/P6                             | W939/3/200/SP/P6                    | 200 | 50 | 243 | 59 | 132x110 | 105x80  | 12 | 350 |    |  |
| W941/1/250/SP/P6                     | W941/F/1/250/SP/P6/V                           | W939/1/250/SP/P6                    | 250 | 60 | 307 | 64 | 200x160 | 160x120 | 15 | 450 |    |  |
| W941/2/250/SP/P6                     | W941/F/2/250/SP/P6/V                           | W939/2/250/SP/P6                    | 250 | 60 | 307 | 64 | 200x160 | 160x120 | 15 | 450 |    |  |
| W941/3/250/SP/P6                     | W941/F/3/250/SP/P6/V                           | W939/3/250/SP/P6                    | 250 | 60 | 307 | 64 | 200x160 | 160x120 | 15 | 450 |    |  |

graue Bereifung / grey TPR tire

V= Feststeller im Vorlauf / V= Front lock





| Räder<br>Wheels |     |    |    |    |     |  |
|-----------------|-----|----|----|----|-----|--|
| Code:           | mm  | mm | mm | mm | Kg  |  |
| W8/1/80         | 80  | 30 | 15 | 39 | 50  |  |
| W8/2/80         | 80  | 30 | 12 | 40 | 50  |  |
| W8/3/80         | 80  | 30 | 8  | 38 | 50  |  |
| W8/1/100        | 100 | 30 | 15 | 39 | 70  |  |
| W8/2/100        | 100 | 30 | 12 | 40 | 70  |  |
| W8/3/100        | 100 | 30 | 8  | 37 | 70  |  |
| W8/1/125        | 125 | 37 | 15 | 49 | 100 |  |
| W8/2/125        | 125 | 37 | 15 | 50 | 100 |  |
| W8/2/125/44     | 125 | 37 | 15 | 44 | 100 |  |
| W8/3/125        | 125 | 37 | 10 | 48 | 100 |  |
| W8/1/140        | 140 | 37 | 20 | 49 | 125 |  |
| W8/2/140        | 140 | 37 | 20 | 49 | 125 |  |
| W8/3/140        | 140 | 37 | 12 | 49 | 125 |  |
| W8/1/150        | 150 | 37 | 20 | 49 | 130 |  |
| W8/2/150        | 150 | 37 | 20 | 49 | 130 |  |
| W8/3/150        | 150 | 37 | 12 | 49 | 130 |  |
| W8/1/160        | 160 | 40 | 20 | 58 | 135 |  |
| W8/2/160        | 160 | 40 | 20 | 60 | 135 |  |
| W8/3/160        | 160 | 40 | 12 | 54 | 135 |  |
| W8/1/180        | 180 | 50 | 20 | 58 | 170 |  |
| W8/2/180        | 180 | 50 | 20 | 60 | 170 |  |
| W8/3/180        | 180 | 50 | 20 | 54 | 170 |  |
| W8/1/200        | 200 | 50 | 25 | 58 | 205 |  |
| W8/2/200        | 200 | 50 | 20 | 60 | 205 |  |
| W8/2/200/25     | 200 | 50 | 25 | 60 | 205 |  |
| W8/3/200        | 200 | 50 | 20 | 54 | 205 |  |
| W8/3/210        | 210 | 80 | 25 | 57 | 300 |  |
| W8/1/225        | 225 | 50 | 25 | 58 | 250 |  |
| W8/2/225        | 225 | 50 | 20 | 58 | 250 |  |
| W8/2/225/25     | 225 | 50 | 25 | 60 | 250 |  |
| W8/3/225        | 225 | 50 | 20 | 54 | 250 |  |
| W8/1/250        | 250 | 60 | 25 | 75 | 295 |  |
| W8/2/250        | 250 | 60 | 25 | 75 | 295 |  |
| W8/3/250        | 250 | 60 | 25 | 79 | 295 |  |
| W8/1/280        | 280 | 60 | 25 | 75 | 385 |  |
| W8/2/280        | 280 | 60 | 25 | 75 | 385 |  |
| W8/3/280        | 280 | 60 | 25 | 79 | 385 |  |
| W8/1/300        | 300 | 55 | 20 | 70 | 200 |  |
| W8/1/350        | 350 | 70 | 35 | 80 | 200 |  |
| W8/1/385        | 385 | 80 | 35 | 80 | 300 |  |
| W8/2/400        | 400 | 75 | 25 | 75 | 475 |  |

schwarze Bereifung / Black rubber tire

**Gummi-Räder**

**Rad:** Radkörper aus Stahlblech, glanzverzinkt. Ausgerüstet mit Gummibereifung.

**Rubber wheels**

**Wheel:** Wheel centre out of steel, glossy zinc-plated. With rubber tyre.



| Räder<br>Wheels |     |    |    |    |     |  |
|-----------------|-----|----|----|----|-----|--|
| Code:           | mm  | mm | mm | mm | Kg  |  |
| W8/1/80/G       | 80  | 30 | 15 | 39 | 50  |  |
| W8/2/80/G       | 80  | 30 | 12 | 40 | 50  |  |
| W8/3/80/G       | 80  | 30 | 8  | 38 | 50  |  |
| W8/1/100/G      | 100 | 30 | 15 | 39 | 70  |  |
| W8/2/100/G      | 100 | 30 | 12 | 40 | 70  |  |
| W8/3/100/G      | 100 | 30 | 8  | 37 | 70  |  |
| W8/1/125/G      | 125 | 37 | 15 | 49 | 100 |  |
| W8/2/125/G      | 125 | 37 | 15 | 50 | 100 |  |
| W8/2/125/44/G   | 125 | 37 | 15 | 44 | 100 |  |
| W8/3/125/G      | 125 | 37 | 10 | 48 | 100 |  |
| W8/1/140/G      | 140 | 37 | 20 | 49 | 125 |  |
| W8/2/140/G      | 140 | 37 | 20 | 49 | 125 |  |
| W8/3/140/G      | 140 | 37 | 12 | 49 | 125 |  |
| W8/1/150/G      | 150 | 37 | 20 | 49 | 130 |  |
| W8/2/150/G      | 150 | 37 | 20 | 49 | 130 |  |
| W8/3/150/G      | 150 | 37 | 12 | 49 | 130 |  |
| W8/1/160/G      | 160 | 40 | 20 | 58 | 135 |  |
| W8/2/160/G      | 160 | 40 | 20 | 60 | 135 |  |
| W8/3/160/G      | 160 | 40 | 12 | 54 | 135 |  |
| W8/1/180/G      | 180 | 50 | 20 | 58 | 170 |  |
| W8/2/180/G      | 180 | 50 | 20 | 60 | 170 |  |
| W8/3/180/G      | 180 | 50 | 20 | 54 | 170 |  |
| W8/1/200/G      | 200 | 50 | 25 | 58 | 205 |  |
| W8/2/200/G      | 200 | 50 | 20 | 60 | 205 |  |
| W8/2/200/25/G   | 200 | 50 | 25 | 60 | 205 |  |
| W8/3/200/G      | 200 | 50 | 20 | 54 | 205 |  |
| W8/3/210/G      | 210 | 80 | 25 | 57 | 300 |  |
| W8/1/225/G      | 225 | 50 | 25 | 58 | 250 |  |
| W8/2/225/G      | 225 | 50 | 20 | 58 | 250 |  |
| W8/2/225/25/G   | 225 | 50 | 25 | 60 | 250 |  |
| W8/3/225/G      | 225 | 50 | 20 | 54 | 250 |  |
| W8/1/250/G      | 250 | 60 | 25 | 75 | 295 |  |
| W8/2/250/G      | 250 | 60 | 25 | 75 | 295 |  |
| W8/3/250/G      | 250 | 60 | 25 | 79 | 295 |  |
| W8/1/280/G      | 280 | 60 | 25 | 75 | 385 |  |
| W8/2/280/G      | 280 | 60 | 25 | 75 | 385 |  |
| W8/3/280/G      | 280 | 60 | 25 | 79 | 385 |  |
| W8/1/300/G      | 300 | 55 | 20 | 70 | 200 |  |
| W8/1/350/G      | 350 | 70 | 35 | 80 | 200 |  |
| W8/1/385/G      | 385 | 80 | 35 | 80 | 300 |  |
| W8/2/400/G      | 400 | 75 | 25 | 75 | 475 |  |

graue Bereifung / Grey rubber tire

## Gummirollen

**Rad:** Radkörper aus Stahlblech, glanzverzinkt, rollengelagert. Ausgerüstet mit Gummibereifung.  
**Gehäuse:** Stahlblech, verzinkt mit doppelter Kugellagerung im Gabelkopf, Radachse verschraubt. Feststeller mit Doppelstop.

## Rubber castors

**Wheel:** Wheel centre out of steel, equipped with rubber tyre.  
**Housing:** Sheet steel housing, glossy zinc-plated, with twin ball bearing in the fork head. Wheel axle screwed. Lock with double stop.

Varianten / Zubehör  
Versions / accessory



| Lenkrolle<br>Swivel castors<br>Code: | Lenkrolle Stop<br>Swivel castors lock<br>Code: | Bockrolle<br>Fixed castors<br>Code: | Ø mm | Ø mm | mm  | mm | mm      | mm      | mm | mm  | Kg | H |
|--------------------------------------|--|-------------------------------------|------|------|-----|----|---------|---------|----|-----|----|---|
| W841/2/80                            | W841/F/2/80                                    | W839/2/80                           | 80   | 30   | 105 | 36 | 105x80  | 80x60   | 9  | 50  |    |   |
| W841/2/100                           | W841/F/2/100                                   | W839/2/100                          | 100  | 30   | 128 | 36 | 105x80  | 80x60   | 9  | 70  |    |   |
| W841/2/125                           | W841/F/2/125                                   | W839/2/125                          | 125  | 37   | 155 | 36 | 105x80  | 80x60   | 9  | 100 |    |   |
| W841/2/140                           | W841/F/2/140                                   | W839/2/140                          | 140  | 37   | 173 | 46 | 115x85  | 80x60   | 9  | 120 |    |   |
| W841/2/150                           | W841/F/2/150                                   | W839/2/150                          | 150  | 37   | 179 | 46 | 115x85  | 80x60   | 9  | 130 |    |   |
| W841/2/160                           | W841/F/2/160                                   | W839/2/160                          | 160  | 40   | 195 | 52 | 135x110 | 105x80  | 11 | 135 |    |   |
| W841/2/180                           | W841/F/2/180                                   | W839/2/180                          | 180  | 50   | 218 | 52 | 138x109 | 105x80  | 11 | 170 |    |   |
| W841/2/200                           | W841/F/2/200                                   | W839/2/200                          | 200  | 50   | 235 | 54 | 135x110 | 105x80  | 11 | 205 |    |   |
| W841/2/225                           | W841/F/2/225                                   | W839/2/225                          | 225  | 55   | 250 | 53 | 140x110 | 105x80  | 11 | 250 |    |   |
| W841/2/250/L                         | W841/F/2/250/L                                 | W839/2/250/L                        | 250  | 60   | 290 | 66 | 135x110 | 105x80  | 11 | 275 |    |   |
| W841/2/250                           | W841/F/2/250                                   | W839/2/250                          | 250  | 60   | 290 | 70 | 200x160 | 160x120 | 14 | 295 |    |   |
| W841/2/280                           | W841/F/2/280                                   | W839/2/280                          | 280  | 70   | 320 | 72 | 200x160 | 160x120 | 14 | 385 |    |   |

schwarze Bereifung / black rubber tire



| Lenkrolle<br>Swivel castors<br>Code: | Lenkrolle Stop<br>Swivel castors lock<br>Code: | Bockrolle<br>Fixed castors<br>Code: | Ø mm | Ø mm | mm  | mm | mm      | mm      | mm | mm  | Kg | H |
|--------------------------------------|--|-------------------------------------|------|------|-----|----|---------|---------|----|-----|----|---|
| W841/2/80/G                          | W841/F/2/80/G                                  | W839/2/80/G                         | 80   | 30   | 105 | 36 | 105x80  | 80x60   | 9  | 50  |    |   |
| W841/2/100/G                         | W841/F/2/100/G                                 | W839/2/100/G                        | 100  | 30   | 128 | 36 | 105x80  | 80x60   | 9  | 70  |    |   |
| W841/2/125/G                         | W841/F/2/125/G                                 | W839/2/125/G                        | 125  | 37   | 155 | 36 | 105x80  | 80x60   | 9  | 100 |    |   |
| W841/2/140/G                         | W841/F/2/140/G                                 | W839/2/140/G                        | 140  | 37   | 173 | 46 | 115x85  | 80x60   | 9  | 120 |    |   |
| W841/2/150/G                         | W841/F/2/150/G                                 | W839/2/150/G                        | 150  | 37   | 179 | 46 | 115x85  | 80x60   | 9  | 130 |    |   |
| W841/2/160/G                         | W841/F/2/160/G                                 | W839/2/160/G                        | 160  | 40   | 195 | 52 | 135x110 | 105x80  | 11 | 135 |    |   |
| W841/2/180/G                         | W841/F/2/180/G                                 | W839/2/180/G                        | 180  | 50   | 218 | 52 | 138x109 | 105x80  | 11 | 170 |    |   |
| W841/2/200/G                         | W841/F/2/200/G                                 | W839/2/200/G                        | 200  | 50   | 235 | 54 | 135x110 | 105x80  | 11 | 205 |    |   |
| W841/2/225/G                         | W841/F/2/225/G                                 | W839/2/225/G                        | 225  | 55   | 250 | 53 | 140x110 | 105x80  | 11 | 250 |    |   |
| W841/2/250/G/L                       | W841/F/2/250/G/L                               | W839/2/250/G/L                      | 250  | 60   | 290 | 66 | 135x110 | 105x80  | 11 | 275 |    |   |
| W841/2/250/G                         | W841/F/2/250/G                                 | W839/2/250/G                        | 250  | 60   | 290 | 70 | 200x160 | 160x120 | 14 | 295 |    |   |
| W841/2/280/G                         | W841/F/2/280/G                                 | W839/2/280/G                        | 280  | 70   | 320 | 72 | 200x160 | 160x120 | 14 | 385 |    |   |

graue Bereifung / Grey rubber tire


**Varianten / Zubehör**  
 Versions / accessory


| Lenkrolle<br>Swivel castors<br>Code: | Lenkrolle Stop<br>Swivel castors lock<br>Code: | Bockrolle<br>Fixed castors<br>Code: | mm  | mm | mm  | mm | mm | mm  | Kg | H |
|--------------------------------------|--|-------------------------------------|-----|----|-----|----|----|-----|----|---|
| W841/1/80/1                          | W841/F/1/80/1                                  | -                                   | 80  | 30 | 108 | 32 | 12 | 50  |    |   |
| W841/2/80/1                          | W841/F/2/80/1                                  | -                                   | 80  | 30 | 108 | 32 | 12 | 50  |    |   |
| W841/1/100/1                         | W841/F/1/100/1                                 | -                                   | 100 | 30 | 128 | 36 | 12 | 70  |    |   |
| W841/2/100/1                         | W841/F/2/100/1                                 | -                                   | 100 | 30 | 128 | 36 | 12 | 70  |    |   |
| W841/1/125/1                         | W841/F/1/125/1                                 | -                                   | 125 | 37 | 155 | 32 | 12 | 100 |    |   |
| W841/2/125/1                         | W841/F/2/125/1                                 | -                                   | 125 | 37 | 155 | 32 | 12 | 100 |    |   |
| W841/1/140/1                         | W841/F/1/140/1                                 | -                                   | 140 | 37 | 170 | 40 | 12 | 110 |    |   |
| W841/2/140/1                         | W841/F/2/140/1                                 | -                                   | 140 | 37 | 170 | 40 | 12 | 110 |    |   |
| W841/1/150/1                         | W841/F/1/150/1                                 | -                                   | 150 | 37 | 175 | 40 | 12 | 120 |    |   |
| W841/2/150/1                         | W841/F/2/150/1                                 | -                                   | 150 | 37 | 175 | 40 | 12 | 120 |    |   |
| W841/1/160/1                         | W841/F/1/160/1                                 | -                                   | 160 | 40 | 197 | 52 | 12 | 135 |    |   |
| W841/2/160/1                         | W841/F/2/160/1                                 | -                                   | 160 | 40 | 197 | 52 | 12 | 135 |    |   |
| W841/1/180/1                         | W841/F/1/180/1                                 | -                                   | 180 | 50 | 218 | 50 | 12 | 170 |    |   |
| W841/2/180/1                         | W841/F/2/180/1                                 | -                                   | 180 | 50 | 218 | 50 | 12 | 170 |    |   |
| W841/1/200/1                         | W841/F/1/200/1                                 | -                                   | 200 | 50 | 240 | 49 | 12 | 205 |    |   |
| W841/2/200/1                         | W841/F/2/200/1                                 | -                                   | 200 | 50 | 240 | 49 | 12 | 205 |    |   |

schwarze Bereifung / Black rubber tire



| Lenkrolle<br>Swivel castors<br>Code: | Lenkrolle Stop<br>Swivel castors lock<br>Code: | Bockrolle<br>Fixed castors<br>Code: | mm  | mm | mm  | mm | mm | mm  | Kg | H |
|--------------------------------------|--|-------------------------------------|-----|----|-----|----|----|-----|----|---|
| W841/1/80/1/G                        | W841/F/1/80/1/G                                | -                                   | 80  | 30 | 108 | 32 | 12 | 50  |    |   |
| W841/2/80/1/G                        | W841/F/2/80/1/G                                | -                                   | 80  | 30 | 108 | 32 | 12 | 50  |    |   |
| W841/1/100/1/G                       | W841/F/1/100/1/G                               | -                                   | 100 | 30 | 128 | 36 | 12 | 70  |    |   |
| W841/2/100/1/G                       | W841/F/2/100/1/G                               | -                                   | 100 | 30 | 128 | 36 | 12 | 70  |    |   |
| W841/1/125/1/G                       | W841/F/1/125/1/G                               | -                                   | 125 | 37 | 155 | 32 | 12 | 100 |    |   |
| W841/2/125/1/G                       | W841/F/2/125/1/G                               | -                                   | 125 | 37 | 155 | 32 | 12 | 100 |    |   |
| W841/1/140/1/G                       | W841/F/1/140/1/G                               | -                                   | 140 | 37 | 170 | 40 | 12 | 110 |    |   |
| W841/2/140/1/G                       | W841/F/2/140/1/G                               | -                                   | 140 | 37 | 170 | 40 | 12 | 110 |    |   |
| W841/1/150/1/G                       | W841/F/1/150/1/G                               | -                                   | 150 | 37 | 175 | 40 | 12 | 120 |    |   |
| W841/2/150/1/G                       | W841/F/2/150/1/G                               | -                                   | 150 | 37 | 175 | 40 | 12 | 120 |    |   |
| W841/1/160/1/G                       | W841/F/1/160/1/G                               | -                                   | 160 | 40 | 197 | 52 | 12 | 135 |    |   |
| W841/2/160/1/G                       | W841/F/2/160/1/G                               | -                                   | 160 | 40 | 197 | 52 | 12 | 135 |    |   |
| W841/1/180/1/G                       | W841/F/1/180/1/G                               | -                                   | 180 | 50 | 218 | 50 | 12 | 170 |    |   |
| W841/2/180/1/G                       | W841/F/2/180/1/G                               | -                                   | 180 | 50 | 218 | 50 | 12 | 170 |    |   |
| W841/1/200/1/G                       | W841/F/1/200/1/G                               | -                                   | 200 | 50 | 240 | 49 | 12 | 205 |    |   |
| W841/2/200/1/G                       | W841/F/2/200/1/G                               | -                                   | 200 | 50 | 240 | 49 | 12 | 205 |    |   |

graue Bereifung / Grey rubber tire

**Gummirollen**

**Rad:** Radkörper aus Stahlblech, glanzverzinkt, rollengelagert. Ausgerüstet mit Gummibereifung.  
**Gehäuse:** Stahlblech, verzinkt mit doppelter Kugellagerung im Gabelkopf, Radachse verschraubt. Feststeller mit Doppelstop.

**Rubber castors**

**Wheel:** Wheel centre out of steel, equipped with rubber tyre.  
**Housing:** Sheet steel housing, glossy zinc-plated, with twin ball bearing in the fork head. Wheel axle screwed. Lock with double stop.

## Elastik-Räder

**Rad:** Radkörper aus stoß- und schlagfestem Kunststoff. Ausgerüstet mit Elastikbereifung.

## Elastic wheels

**Wheel:** Wheel centre out of plastic, equipped with elastic rubber tyre.



| Räder<br>Wheels | Code: | mm  | mm | mm | mm | Kg  | H     |
|-----------------|-------|-----|----|----|----|-----|-------|
| W14/2/80        |       | 80  | 30 | 12 | 40 | 100 | ■■■■■ |
| W14/2/100       |       | 100 | 30 | 12 | 40 | 150 | ■■■■■ |
| W14/2/100/1     |       | 100 | 38 | 15 | 45 | 200 | ■■■■■ |
| W14/3/100       |       | 100 | 30 | 12 | 40 | 150 | ■■■■■ |
| W14/3/100/1     |       | 100 | 38 | 15 | 48 | 200 | ■■■■■ |
| W14/2/125       |       | 125 | 35 | 15 | 48 | 200 | ■■■■■ |
| W14/3/125       |       | 125 | 40 | 15 | 48 | 200 | ■■■■■ |
| W14/2/150       |       | 150 | 50 | 20 | 58 | 300 | ■■■■■ |
| W14/3/150       |       | 150 | 50 | 20 | 58 | 300 | ■■■■■ |
| W14/2/160       |       | 160 | 42 | 20 | 60 | 300 | ■■■■■ |
| W14/2/160       |       | 160 | 50 | 20 | 58 | 300 | ■■■■■ |
| W14/3/160       |       | 160 | 50 | 20 | 58 | 300 | ■■■■■ |
| W14/2/200       |       | 200 | 50 | 20 | 58 | 400 | ■■■■■ |
| W14/3/200       |       | 200 | 50 | 20 | 58 | 400 | ■■■■■ |
| W14/2/250       |       | 250 | 50 | 25 | 60 | 450 | ■■■■■ |
| W14/3/250       |       | 250 | 50 | 25 | 60 | 450 | ■■■■■ |

blaue Bereifung / blue elastic-rubber tire  
Härte ca. 65° Shore A / Hardness abt. 65° Shore A



| Räder<br>Wheels | Code: | mm  | mm | mm | mm | Kg  | H     |
|-----------------|-------|-----|----|----|----|-----|-------|
| W14/2/80/GR     |       | 80  | 30 | 12 | 40 | 100 | ■■■■■ |
| W14/2/100/GR    |       | 100 | 30 | 12 | 40 | 150 | ■■■■■ |
| W14/2/125/GR    |       | 125 | 35 | 15 | 48 | 200 | ■■■■■ |
| W14/2/160/GR    |       | 160 | 42 | 20 | 58 | 300 | ■■■■■ |
| W14/2/200/GR    |       | 200 | 50 | 20 | 58 | 400 | ■■■■■ |

grüne Bereifung / green elastic-rubber tire  
Härte ca. 65° Shore A / Hardness abt. 65° Shore A



| Räder<br>Wheels | Code: | mm  | mm | mm | mm | Kg  | H     |
|-----------------|-------|-----|----|----|----|-----|-------|
| W14/2/80/S      |       | 80  | 30 | 12 | 40 | 100 | ■■■■■ |
| W14/2/100/S     |       | 100 | 30 | 12 | 40 | 150 | ■■■■■ |
| W14/2/125/S     |       | 125 | 35 | 15 | 48 | 200 | ■■■■■ |
| W14/2/160/S     |       | 160 | 42 | 20 | 58 | 300 | ■■■■■ |
| W14/2/200/S     |       | 200 | 50 | 20 | 58 | 400 | ■■■■■ |

schwarze Bereifung / black elastic-rubber tire  
Härte ca. 65° Shore A / Hardness abt. 65° Shore A



| Räder<br>Wheels | Code: | mm  | mm | mm | mm | Kg  | H     |
|-----------------|-------|-----|----|----|----|-----|-------|
| W14/2/80/G      |       | 80  | 30 | 12 | 40 | 100 | ■■■■■ |
| W14/2/100/G     |       | 100 | 30 | 12 | 40 | 150 | ■■■■■ |
| W14/2/125/G     |       | 125 | 40 | 15 | 48 | 200 | ■■■■■ |
| W14/2/160/G     |       | 160 | 50 | 20 | 58 | 300 | ■■■■■ |
| W14/2/200/G     |       | 200 | 50 | 20 | 58 | 400 | ■■■■■ |

graue Bereifung / Grey elastic-rubber tire  
Härte ca. 65° Shore A / Hardness abt. 65° Shore A





## Elastikrollen

**Rad:** Radkörper aus stoß- und schlagfestem Kunststoff. Ausgerüstet mit Elastikkereifung.  
**Gehäuse:** Stahlblech, verzinkt mit doppelter Kugellagerung im Gabelkopf, Radachse verschraubt. Feststeller mit Doppelstop.

## Elastic castors

**Wheel:** Wheel centre out of plastic, equipped with elastic rubber tyre.  
**Housing:** Sheet steel housing, glossy zinc-plated, with twin ball bearing in the fork head. Wheel axle screwed. Lock with double stop.

| Lenkrolle<br>Swivel castors<br>Code: | Lenkrolle Stop<br>Swivel castors lock<br>Code: | Bockrolle<br>Fixed castors<br>Code: |     |    |       |    |         |        |      |     |  |  |
|--------------------------------------|--|-------------------------------------|-----|----|-------|----|---------|--------|------|-----|--|--|
| W1441/2/80                           | W1441/F/2/80                                   | W1439/2/80                          | 80  | 30 | 105   | 36 | 105x80  | 80x60  | 9    | 100 |  |  |
| W1441/2/100                          | W1441/F/2/100                                  | W1439/2/100                         | 100 | 30 | 128   | 36 | 105x80  | 80x60  | 9    | 150 |  |  |
| W1441/2/100/P4*                      | W1441/F/2/100/P4*                              | W1439/2/100/P4*                     | 100 | 30 | 128   | 47 | 100x84  | 80x60  | 9    | 150 |  |  |
| W1441/2/125                          | W1441/F/2/125                                  | W1439/2/125                         | 125 | 35 | 155   | 36 | 105x80  | 80x60  | 9    | 200 |  |  |
| W1441/2/125/P4*                      | W1441/F/2/125/P4*                              | W1439/2/125/P4*                     | 125 | 35 | 155,5 | 51 | 100x84  | 80x60  | 9    | 200 |  |  |
| W1441/2/125/S                        | W1441/F/2/125/S                                | W1439/2/125/S                       | 125 | 35 | 155   | 40 | 135x110 | 105x80 | 10,5 | 200 |  |  |
| W1441/2/160                          | W1441/F/2/160                                  | W1439/2/160                         | 160 | 42 | 195   | 52 | 135x110 | 105x80 | 11   | 300 |  |  |
| W1441/2/200                          | W1441/F/2/200                                  | W1439/2/200                         | 200 | 50 | 235   | 54 | 135x110 | 105x80 | 11   | 350 |  |  |
| W1441/2/250                          | W1441/F/2/250                                  | W1439/2/250                         | 250 | 50 | 290   | 66 | 135x110 | 105x80 | 11   | 450 |  |  |

\* verstärkte Ausführung / strengthened version

Plattenstärke 4mm / Plate thickness 4mm

Gabelstärke 3mm / housing thickness 3mm

blaue Bereifung / blue elastic-rubber tire

Härte ca. 65° Shore A / Hardness abt. 65° Shore A



| Lenkrolle<br>Swivel castors<br>Code: | Lenkrolle Stop<br>Swivel castors lock<br>Code: | Bockrolle<br>Fixed castors<br>Code: |     |    |     |    |    |     |  |  |  |  |
|--------------------------------------|--|-------------------------------------|-----|----|-----|----|----|-----|--|--|--|--|
| W1441/2/80/1                         | W1441/F/2/80/1                                 | -                                   | 80  | 30 | 108 | 32 | 12 | 100 |  |  |  |  |
| W1441/2/100/1                        | W1441/F/2/100/1                                | -                                   | 100 | 30 | 128 | 36 | 12 | 110 |  |  |  |  |
| W1441/2/125/1                        | W1441/F/2/125/1                                | -                                   | 125 | 35 | 155 | 32 | 12 | 180 |  |  |  |  |
| W1441/2/160/1                        | W1441/F/2/160/1                                | -                                   | 160 | 42 | 197 | 52 | 12 | 250 |  |  |  |  |
| W1441/2/200/1                        | W1441/F/2/200/1                                | -                                   | 200 | 50 | 240 | 49 | 12 | 300 |  |  |  |  |

blaue Bereifung / blue elastic-rubber tire

Härte ca. 65° Shore A / Hardness abt. 65° Shore A



Varianten / Zubehör  
Versions / accessory



Rostfreie Ausführungen Seite 61- 70 / Stainless steel castors page 61 - 70

## Elastikrollen

**Rad:** Radkörper aus stoß- und schlagfestem Kunststoff. Ausgerüstet mit Elastikbereifung.  
**Gehäuse:** Stahlblech, verzinkt mit doppelter Kugellagerung im Gabelkopf, Radachse verschraubt. Feststeller mit Doppelstop.

## Elastic castors

**Wheel:** Wheel centre out of plastic, equipped with elastic rubber tyre.  
**Housing:** Sheet steel housing, glossy zinc-plated, with twin ball bearing in the fork head. Wheel axle screwed. Lock with double stop.



| Lenkrolle<br>Swivel castors<br>Code: | Lenkrolle Stop<br>Swivel castors lock<br>Code: | Bockrolle<br>Fixed castors<br>Code: |     |    |     |    |         |        |    |     |  |  |
|--------------------------------------|--|-------------------------------------|-----|----|-----|----|---------|--------|----|-----|--|--|
| W1441/2/80/S                         | W1441/F/2/80/S                                 | W1439/2/80/S                        | 80  | 30 | 105 | 36 | 105x80  | 80x60  | 9  | 100 |  |  |
| W1441/2/100/S                        | W1441/F/2/100/S                                | W1439/2/100/S                       | 100 | 30 | 128 | 36 | 105x80  | 80x60  | 9  | 150 |  |  |
| W1441/2/125/S                        | W1441/F/2/125/S                                | W1439/2/125/S                       | 125 | 35 | 155 | 36 | 105x80  | 80x60  | 9  | 200 |  |  |
| W1441/2/160/S                        | W1441/F/2/160/S                                | W1439/2/160/S                       | 160 | 42 | 195 | 52 | 135x110 | 105x80 | 11 | 300 |  |  |
| W1441/2/200/S                        | W1441/F/2/200/S                                | W1439/2/200/S                       | 200 | 50 | 235 | 54 | 135x110 | 105x80 | 11 | 350 |  |  |

schwarze Bereifung / black elastic-rubber tire  
Härte ca. 65° Shore A / Hardness abl. 65° Shore A



| Lenkrolle<br>Swivel castors<br>Code: | Lenkrolle Stop<br>Swivel castors lock<br>Code: | Bockrolle<br>Fixed castors<br>Code: |     |    |     |    |    |     |  |  |  |  |
|--------------------------------------|--|-------------------------------------|-----|----|-----|----|----|-----|--|--|--|--|
| W1441/2/80/1/S                       | W1441/F/2/80/1/S                               | -                                   | 80  | 30 | 108 | 32 | 12 | 100 |  |  |  |  |
| W1441/2/100/1/S                      | W1441/F/2/100/1/S                              | -                                   | 100 | 30 | 128 | 36 | 12 | 110 |  |  |  |  |
| W1441/2/125/1/S                      | W1441/F/2/125/1/S                              | -                                   | 125 | 35 | 155 | 32 | 12 | 180 |  |  |  |  |
| W1441/2/160/1/S                      | W1441/F/2/160/1/S                              | -                                   | 160 | 42 | 197 | 52 | 12 | 250 |  |  |  |  |
| W1441/2/200/1/S                      | W1441/F/2/200/1/S                              | -                                   | 200 | 50 | 240 | 49 | 12 | 300 |  |  |  |  |

schwarze Bereifung / black elastic-rubber tire  
Härte ca. 65° Shore A / Hardness abl. 65° Shore A



## Varianten / Zubehör Versions / accessory



Rostfreie Ausführungen Seite 61 - 70 / Stainless steel castors page 61 - 70



schwarze Bereifung / black elastic-rubber tire  
Härte ca. 65° Shore A / Hardness abt. 65° Shore A

| Räder<br>Wheels<br>Code: | mm  | mm | mm | mm | Kg  | H |
|--------------------------|-----|----|----|----|-----|---|
| W13/3/80                 | 80  | 35 | 12 | 40 | 120 | H |
| W13/3/100                | 100 | 40 | 12 | 40 | 180 | H |
| W13/3/125                | 125 | 40 | 20 | 50 | 200 | H |
| W13/3/125/1              | 125 | 35 | 12 | 41 | 200 | H |
| W13/3/160                | 160 | 50 | 20 | 58 | 300 | H |
| W13/3/180                | 180 | 50 | 20 | 60 | 350 | H |
| W13/3/200                | 200 | 50 | 20 | 60 | 400 | H |
| W13/3/200/1              | 200 | 50 | 25 | 60 | 400 | H |
| W13/3/250                | 250 | 50 | 25 | 60 | 500 | H |

## Elastikrollen

**Rad:** Radkörper aus Aluminium mit Elastikbelag.  
**Gehäuse:** Stahlblech, verzinkt mit doppelter Kugellagerung im Gabelkopf, Radachse verschraubt. Feststeller mit Doppelstop.

## Elastic castors

**Wheel:** Wheel centre out of aluminium, equipped with elastic rubber tyre.  
**Housing:** Sheet steel housing, glossy zinc-plated, with twin ball bearing in the fork head. Wheel axle screwed. Lock with double stop.



| Lenkrolle<br>Swivel castors<br>Code: | Lenkrolle Stop<br>Swivel castors lock<br>Code: | Bockrolle<br>Fixed castors<br>Code: | mm  | mm | mm  | mm | mm      | mm     | mm | Kg  | H |
|--------------------------------------|--|-------------------------------------|-----|----|-----|----|---------|--------|----|-----|---|
| W1341/3/80                           | W1341/F/2/80                                   | W1339/2/80                          | 80  | 35 | 105 | 36 | 105x80  | 80x60  | 9  | 120 | H |
| W1341/3/100                          | W1341/F/3/100                                  | W1339/3/100                         | 100 | 40 | 128 | 45 | 135x110 | 105x80 | 11 | 180 | H |
| W1341/3/125                          | W1341/F/3/125                                  | W1339/3/125                         | 125 | 40 | 155 | 52 | 135x110 | 105x80 | 11 | 200 | H |
| W1341/3/160                          | W1341/F/3/160                                  | W1339/3/160                         | 160 | 50 | 195 | 52 | 135x110 | 105x80 | 11 | 300 | H |
| W1341/3/180                          | W1341/F/3/180                                  | W1339/3/180                         | 180 | 50 | 218 | 52 | 138x109 | 105x80 | 11 | 350 | H |
| W1341/3/200                          | W1341/F/3/200                                  | W1339/3/200                         | 200 | 50 | 235 | 54 | 135x110 | 105x80 | 11 | 350 | H |
| W1341/3/250                          | W1341/F/3/250                                  | W1339/3/250                         | 250 | 50 | 290 | 66 | 135x110 | 105x80 | 11 | 400 | H |



Varianten / Zubehör  
Versions / accessory



| Lenkrolle<br>Swivel castors<br>Code: | Lenkrolle Stop<br>Swivel castors lock<br>Code: | Bockrolle<br>Fixed castors<br>Code: | mm  | mm | mm  | mm | mm | mm  | Kg | H |
|--------------------------------------|--|-------------------------------------|-----|----|-----|----|----|-----|----|---|
| W1341/3/80/1                         | W1341/F/3/80/1                                 | -                                   | 80  | 35 | 108 | 32 | 12 | 100 |    | H |
| W1341/3/100/1                        | W1341/F/3/100/1                                | -                                   | 100 | 40 | 128 | 36 | 12 | 110 |    | H |
| W1341/3/125/1                        | W1341/F/3/125/1                                | -                                   | 125 | 40 | 155 | 32 | 12 | 180 |    | H |
| W1341/3/160/1                        | W1341/F/3/160/1                                | -                                   | 160 | 50 | 197 | 52 | 12 | 250 |    | H |
| W1341/3/200/1                        | W1341/F/3/200/1                                | -                                   | 200 | 50 | 240 | 49 | 12 | 300 |    | H |

## Schwerlast- Elastikrollen

**Rad:** Radkörper aus Aluminium mit Elastikbelag.  
**Gehäuse:** Stahlblech, verzinkt mit doppelter Kugellagerung im Gabelkopf, Radachse verschraubt. Feststeller mit Doppelstop.

## Heavy duty elastic castors

**Wheel:** Wheel centre out of aluminium, equipped with elastic rubber tyre.  
**Housing:** Sheet steel housing, glossy zinc-plated, with twin ball bearing in the fork head. Lock with double stop.



schwarze Bereifung / black elastic-rubber tire  
Härte ca. 65° Shore A / Hardness abt. 65° Shore A

| Lenkrolle<br>Swivel castors | Lenkrolle Stop<br>Swivel castors lock | Bockrolle<br>Fixed castors |     |    |     |    |         |         |    |     | Kg |
|-----------------------------|---------------------------------------|----------------------------|-----|----|-----|----|---------|---------|----|-----|----|
| W1341/3/80/MP4              | W1341/F/2/80/MP4                      | W1339/2/80/MP4             | 80  | 35 | 108 | 47 | 100x84  | 80x60   | 9  | 120 |    |
| W1341/3/100/MP4             | W1341/F/3/100/MP4                     | W1339/3/100/MP4            | 100 | 40 | 128 | 47 | 100x84  | 80x60   | 9  | 180 |    |
| W1341/3/125/MP5             | W1341/F/3/125/MP5                     | W1339/3/125/MP5            | 125 | 40 | 155 | 51 | 100x84  | 80x60   | 9  | 200 |    |
| W1341/3/160/P6              | W1341/F/3/160/P6                      | W1339/3/160/P6             | 160 | 50 | 200 | 60 | 132x110 | 105x80  | 12 | 300 |    |
| W1341/3/180/P6              | W1341/F/3/180/P6                      | W1339/3/180/P6             | 180 | 50 | 232 | 59 | 132x110 | 105x80  | 12 | 350 |    |
| W1341/3/200/P6              | W1341/F/3/200/P6                      | W1339/3/200/P6             | 200 | 50 | 243 | 59 | 132x110 | 105x80  | 12 | 400 |    |
| W1341/3/250/P6              | W1341/F/3/250/P6/V                    | W1339/3/250/P6             | 250 | 50 | 309 | 64 | 200x160 | 160x120 | 15 | 500 |    |

V= Feststeller im Vorlauf / V= Front lock



schwarze Bereifung / black elastic-rubber tire  
Härte ca. 65° Shore A / Hardness abt. 65° Shore A

| Lenkrolle<br>Swivel castors | Lenkrolle Stop<br>Swivel castors lock | Bockrolle<br>Fixed castors |     |    |     |    |         |        |      |     | Kg |
|-----------------------------|---------------------------------------|----------------------------|-----|----|-----|----|---------|--------|------|-----|----|
| W1341/3/100/LM              | W1341/F/3/100/LM                      | W1339/3/100/LM             | 100 | 40 | 135 | 36 | 100x80  | 80x60  | 8,5  | 180 |    |
| W1341/3/125/LM              | W1341/F/3/125/LM                      | W1339/3/125/LM             | 125 | 40 | 170 | 45 | 135x110 | 105x80 | 12,5 | 200 |    |
| W1341/3/160/LM              | W1341/F/3/160/LM                      | W1339/3/160/LM             | 160 | 50 | 205 | 45 | 135x110 | 105x80 | 12,5 | 300 |    |
| W1341/3/180/LM              | W1341/F/3/180/LM                      | W1339/3/180/LM             | 180 | 50 | 225 | 57 | 135x110 | 105x80 | 12,5 | 350 |    |
| W1341/3/200/LM              | W1341/F/3/200/LM                      | W1339/3/200/LM             | 200 | 50 | 245 | 57 | 135x110 | 105x80 | 12,5 | 400 |    |
| W1341/3/250/LM              | W1341/F/3/250/LM                      | W1339/3/250/LM             | 250 | 60 | 300 | 60 | 135x110 | 105x80 | 12,5 | 500 |    |

gehärtete Lagerschalen / hardened bearing seat

Varianten / Zubehör  
Version / accessory



Bockrollen haben keine Ausladung / Fixed castors without offset



schwarze Bereifung / black elastic-rubber tire  
Härte ca. 70° Shore A / Hardness abt. 70° Shore A

Gleitlagerbohrung mit Nut / Plain bore with slot

| Räder<br>Wheels |     |     |    |     | Kg   | Nut   |  |
|-----------------|-----|-----|----|-----|------|-------|--|
| W15/1/125/N     | 125 | 30  | 15 | 36  | 250  | 5x2   |  |
| W15/1/150/N     | 150 | 35  | 15 | 47  | 300  | 5x2   |  |
| W15/1/150/40/N  | 150 | 40  | 15 | 47  | 350  | 5x2   |  |
| W15/1/150/60/N  | 150 | 60  | 25 | 70  | 500  | 8x3   |  |
| W15/1/200/N     | 200 | 40  | 20 | 47  | 500  | 6x2,5 |  |
| W15/1/200/60/N  | 200 | 60  | 25 | 70  | 600  | 8x3   |  |
| W15/1/250/N     | 250 | 50  | 20 | 52  | 650  | 6x2,5 |  |
| W15/1/250/80/N  | 250 | 80  | 30 | 80  | 750  | 8x3   |  |
| W15/1/300/N     | 300 | 50  | 25 | 60  | 700  | 8x3   |  |
| W15/1/300/60/N  | 300 | 60  | 25 | 60  | 750  | 8x3   |  |
| W15/1/300/80/N  | 300 | 80  | 30 | 80  | 800  | 8x3   |  |
| W15/1/350/N     | 350 | 70  | 25 | 70  | 800  | 8x3   |  |
| W15/1/350/100/N | 350 | 100 | 30 | 100 | 1100 | 8x3   |  |
| W15/1/400/N     | 400 | 100 | 30 | 100 | 1300 | 8x3   |  |
| W15/1/450/N     | 450 | 100 | 30 | 100 | 1400 | 8x3   |  |

schwarze Bereifung / black elastic-rubber tire  
Härte ca. 70° Shore A / Hardness abt. 70° Shore A  
Gleitlagerbohrung / Plain bore

| Räder<br>Wheels |     |     |    |     | Kg   |  |
|-----------------|-----|-----|----|-----|------|--|
| W15/1/125       | 125 | 30  | 15 | 36  | 250  |  |
| W15/1/150       | 150 | 35  | 15 | 47  | 300  |  |
| W15/1/150/40    | 150 | 40  | 15 | 47  | 350  |  |
| W15/1/150/60    | 150 | 60  | 25 | 70  | 500  |  |
| W15/1/200       | 200 | 40  | 20 | 47  | 500  |  |
| W15/1/200/60    | 200 | 60  | 25 | 70  | 600  |  |
| W15/1/250       | 250 | 50  | 20 | 52  | 650  |  |
| W15/1/250/80    | 250 | 80  | 30 | 80  | 750  |  |
| W15/1/300       | 300 | 50  | 25 | 60  | 700  |  |
| W15/1/300/60    | 300 | 60  | 25 | 60  | 750  |  |
| W15/1/300/80    | 300 | 80  | 30 | 80  | 800  |  |
| W15/1/350       | 350 | 70  | 25 | 70  | 800  |  |
| W15/1/350/100   | 350 | 100 | 30 | 100 | 1100 |  |
| W15/1/400       | 400 | 100 | 30 | 100 | 1300 |  |
| W15/1/450       | 450 | 100 | 30 | 100 | 1400 |  |

schwarze Bereifung / black elastic-rubber tire  
Härte ca. 70° Shore A / Hardness abt. 70° Shore A  
Kugellagerung / ball bearing

## Elastikräder

Rad: Radkörper aus Guss mit Elastikbelag.

## Elastic wheels

Wheel: Wheel centre out of raw grey casting with elastic rubber tyre.



Flanschräder mit Elastikbereifung von ø 230mm bis ø 760mm. Wir bitten um Ihre Anfrage!  
Flange wheel with elastic tire ø 230 to ø 760mm available on request

| Räder<br>Wheels |     |     |    |     |      |
|-----------------|-----|-----|----|-----|------|
| W15/3/125       | 125 | 40  | 15 | 47  | 300  |
| W15/3/150       | 150 | 50  | 20 | 60  | 400  |
| W15/3/150/60    | 150 | 60  | 25 | 70  | 500  |
| W15/3/160       | 160 | 60  | 25 | 70  | 550  |
| W15/3/200       | 200 | 50  | 25 | 60  | 550  |
| W15/3/200/60    | 200 | 60  | 25 | 70  | 600  |
| W15/3/250       | 250 | 50  | 25 | 60  | 650  |
| W15/3/250/60    | 250 | 60  | 25 | 65  | 700  |
| W15/3/250/80    | 250 | 80  | 30 | 80  | 750  |
| W15/3/300       | 300 | 60  | 25 | 60  | 750  |
| W15/3/300/60    | 300 | 60  | 25 | 60  | 750  |
| W15/3/300/80    | 300 | 80  | 30 | 80  | 800  |
| W15/3/350       | 350 | 70  | 25 | 70  | 800  |
| W15/3/350/100   | 350 | 100 | 30 | 100 | 1100 |
| W15/3/400       | 400 | 100 | 30 | 100 | 1350 |
| W15/3/450       | 450 | 100 | 30 | 100 | 1500 |

| Räder<br>Wheels |     |     |    |     |      |
|-----------------|-----|-----|----|-----|------|
| W15/3/125       | 125 | 40  | 15 | 47  | 300  |
| W15/3/150       | 150 | 50  | 20 | 60  | 400  |
| W15/3/150/60    | 150 | 60  | 25 | 70  | 500  |
| W15/3/160       | 160 | 60  | 25 | 70  | 550  |
| W15/3/200       | 200 | 50  | 25 | 60  | 550  |
| W15/3/200/60    | 200 | 60  | 25 | 70  | 600  |
| W15/3/250       | 250 | 50  | 25 | 60  | 650  |
| W15/3/250/60    | 250 | 60  | 25 | 65  | 700  |
| W15/3/250/80    | 250 | 80  | 30 | 80  | 750  |
| W15/3/250/100   | 250 | 100 | 30 | 100 | 800  |
| W15/3/300       | 300 | 60  | 25 | 65  | 750  |
| W15/3/300/80    | 300 | 80  | 30 | 80  | 800  |
| W15/3/300/100   | 300 | 100 | 30 | 100 | 1000 |
| W15/3/350       | 350 | 70  | 30 | 70  | 800  |
| W15/3/350/80    | 350 | 80  | 30 | 80  | 900  |
| W15/3/350/100   | 350 | 100 | 40 | 100 | 1100 |
| W15/3/400       | 400 | 100 | 40 | 100 | 1350 |
| W15/3/450       | 450 | 100 | 40 | 100 | 1500 |

## Schwerlast- Elastikräder

Rad: Radkörper aus gepressten Stahlfelgen, geschweißt mit Elastikbelag.

## Heavy duty elastic wheels

Wheel: Wheel centre out of coating and welded pressed steel flanges with elastic rubber tyre.

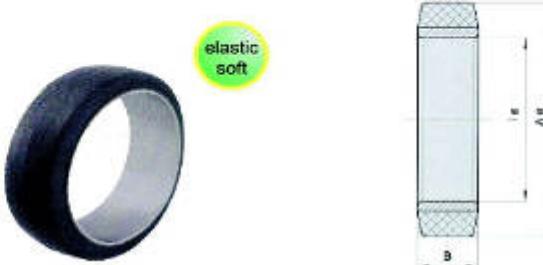


Kugellagerung / ball bearing

elastic  
soft

| Räder<br>Wheels | Code: | mm  | mm  | mm | mm  | Kg   |           |
|-----------------|-------|-----|-----|----|-----|------|-----------|
| W17/3/200       |       | 200 | 100 | 25 | 100 | 500  | H H H H H |
| W17/3/250       |       | 250 | 70  | 30 | 70  | 600  | H H H H H |
| W17/3/250/1     |       | 250 | 80  | 30 | 80  | 700  | H H H H H |
| W17/3/250/2     |       | 250 | 100 | 35 | 100 | 900  | H H H H H |
| W17/3/250/3     |       | 250 | 120 | 35 | 120 | 1000 | H H H H H |
| W17/3/250/4     |       | 250 | 150 | 35 | 150 | 1200 | H H H H H |
| W17/3/300       |       | 300 | 75  | 25 | 75  | 700  | H H H H H |
| W17/3/300/1     |       | 300 | 75  | 30 | 85  | 750  | H H H H H |
| W17/3/300/2     |       | 300 | 80  | 25 | 80  | 800  | H H H H H |
| W17/3/300/3     |       | 300 | 100 | 25 | 100 | 1200 | H H H H H |
| W17/3/300/4     |       | 300 | 120 | 30 | 120 | 1400 | H H H H H |
| W17/3/300/5     |       | 300 | 150 | 35 | 150 | 1700 | H H H H H |
| W17/3/300/6     |       | 300 | 200 | 40 | 200 | 2000 | H H H H H |
| W17/3/300/7     |       | 300 | 220 | 40 | 220 | 2500 | H H H H H |
| W17/3/350       |       | 350 | 100 | 45 | 89  | 800  | H H H H H |
| W17/3/350/1     |       | 350 | 100 | 45 | 100 | 800  | H H H H H |
| W17/3/350/2     |       | 350 | 110 | 45 | 89  | 900  | H H H H H |
| W17/3/350/3     |       | 350 | 110 | 45 | 110 | 900  | H H H H H |
| W17/3/400       |       | 400 | 80  | 30 | 80  | 700  | H H H H H |
| W17/3/400/1     |       | 400 | 100 | 30 | 80  | 1000 | H H H H H |
| W17/3/400/2     |       | 400 | 115 | 40 | 85  | 1300 | H H H H H |
| W17/3/400/3     |       | 400 | 115 | 40 | 115 | 1500 | H H H H H |
| W17/3/400/4     |       | 400 | 120 | 40 | 100 | 1400 | H H H H H |
| W17/3/400/5     |       | 400 | 150 | 60 | 120 | 2000 | H H H H H |
| W17/3/400/6     |       | 400 | 200 | 60 | 170 | 3000 | H H H H H |
| W17/3/400/7     |       | 400 | 250 | 60 | 220 | 4000 | H H H H H |
| W17/3/400/8     |       | 400 | 300 | 60 | 270 | 5000 | H H H H H |
| W17/3/500       |       | 500 | 70  | 60 | 70  | 900  | H H H H H |
| W17/3/500/1     |       | 500 | 100 | 60 | 80  | 1500 | H H H H H |
| W17/3/500/2     |       | 500 | 150 | 60 | 100 | 2500 | H H H H H |
| W17/3/500/3     |       | 500 | 200 | 60 | 150 | 2000 | H H H H H |
| W17/3/500/4     |       | 500 | 230 | 60 | 180 | 5000 | H H H H H |
| W17/3/500/5     |       | 500 | 250 | 60 | 200 | 5700 | H H H H H |
| W17/3/500/6     |       | 500 | 300 | 65 | 250 | 6500 | H H H H H |
| W17/3/650       |       | 650 | 250 | 65 | 250 | 6000 | H H H H H |
| W17/3/650/1     |       | 650 | 300 | 75 | 300 | 7000 | H H H H H |
| W17/3/700       |       | 700 | 400 | 75 | 400 | 8000 | H H H H H |

schwarze Bereifung / Black rubber tire  
ohne Profil / tire without profile



### Elastic-Bandagen

### Elastic-Wheels

| Code:           | A-<br>mm | B-D-<br>mm | I-<br>mm | Kg   |
|-----------------|----------|------------|----------|------|
| W20/160/50/100  | 160      | 50         | 100      | 250  |
| W20/180/50/120  | 180      | 50         | 120      | 325  |
| W20/200/75/100  | 200      | 75         | 100      | 500  |
| W20/200/85/105  | 200      | 85         | 105      | 550  |
| W20/200/50/140  | 200      | 50         | 140      | 335  |
| W20/230/50/170  | 230      | 50         | 170      | 370  |
| W20/230/75/170  | 230      | 75         | 170      | 625  |
| W20/230/85/170  | 230      | 85         | 170      | 700  |
| W20/250/75/140  | 250      | 75         | 140      | 625  |
| W20/250/80/170  | 250      | 80         | 170      | 675  |
| W20/250/90/170  | 250      | 90         | 170      | 760  |
| W20/250/105/170 | 250      | 105        | 170      | 845  |
| W20/250/60/190  | 250      | 60         | 190      | 495  |
| W20/250/130/140 | 250      | 130        | 140      | 975  |
| W20/254/102/165 | 254      | 102        | 165      | 500  |
| W20/254/127/165 | 254      | 127        | 165      | 650  |
| W20/267/127/165 | 267      | 127        | 165      | 700  |
| W20/270/105/170 | 270      | 105        | 170      | 900  |
| W20/280/60/190  | 280      | 60         | 190      | 540  |
| W20/280/50/220  | 280      | 50         | 220      | 430  |
| W20/285/100/203 | 285      | 100        | 203      | 960  |
| W20/300/75/220  | 300      | 75         | 220      | 750  |
| W20/300/75/240  | 300      | 75         | 240      | 700  |
| W20/300/100/203 | 300      | 100        | 203      | 975  |
| W20/310/120/220 | 310      | 120        | 220      | 1050 |
| W20/313/130/203 | 313      | 130        | 203      | 1150 |
| W20/330/89/203  | 330      | 89         | 203      | 700  |
| W20/330/114/203 | 330      | 114        | 203      | 1000 |
| W20/343/140/203 | 343      | 140        | 203      | 1450 |
| W20/360/60/270  | 360      | 60         | 270      | 655  |
| W20/405/65/305  | 405      | 65         | 305      | 900  |
| W20/405/130/305 | 405      | 130        | 305      | 1500 |
| W20/405/260/305 | 405      | 260        | 305      | 2730 |
| W20/406/127/267 | 406      | 127        | 267      | 1240 |
| W20/406/152/267 | 406      | 152        | 267      | 1570 |
| W20/415/90/305  | 415      | 90         | 305      | 1150 |
| W20/415/100/305 | 415      | 100        | 305      | 1250 |
| W20/425/150/305 | 425      | 150        | 305      | 1800 |
| W20/450/300/305 | 450      | 300        | 305      | 3600 |
| W20/500/65/410  | 500      | 65         | 410      | 1100 |
| W20/500/150/370 | 500      | 150        | 370      | 2010 |
| W20/520/120/370 | 520      | 120        | 370      | 1775 |
| W20/550/150/370 | 550      | 150        | 370      | 2250 |
| W20/550/160/410 | 550      | 160        | 410      | 2250 |
| W20/645/200/480 | 645      | 200        | 480      | 3100 |
| W20/645/250/410 | 645      | 250        | 410      | 3750 |
| W20/645/300/410 | 645      | 300        | 410      | 4700 |

Führungsrollen, PU Bereifung, Härte 95° Shore A  
Guide roller, PU tire, hardness 95° Shore A

| Räder<br>Wheels |     |    |    | Kugel-<br>lager |     |  |
|-----------------|-----|----|----|-----------------|-----|--|
| Code:           | mm  | mm | mm |                 | Kg  |  |
| W10/3/25        | 25  | 10 | 6  | 626             | 20  |  |
| W10/3/35        | 35  | 9  | 6  | 626             | 40  |  |
| W10/3/35/1      | 35  | 15 | 10 | 6000            | 60  |  |
| W10/3/50        | 50  | 18 | 10 | 6200            | 100 |  |
| W10/3/50/1      | 50  | 18 | 12 | 6201            | 100 |  |
| W10/3/60        | 60  | 20 | 20 | 6004            | 150 |  |
| W10/3/75        | 75  | 21 | 20 | 6204            | 160 |  |
| W10/3/100       | 100 | 25 | 25 | 6205            | 260 |  |

Andere Ausführungen auf Anfrage / Other versions on request

Doppel-Lenkrolle  
Double-Swivel castors  
Code:

|              |                |    |    |     |    |       |       |     |     |
|--------------|----------------|----|----|-----|----|-------|-------|-----|-----|
| W1060/3/35/3 | W1060/F/3/35/3 | 35 | 15 | 54  | 35 | 60x60 | 46x46 | 6,2 | 80  |
| W1060/3/50/3 | W1060/F/3/50/3 | 50 | 12 | 72  | 30 | 60x60 | bis   | 6,2 | 80  |
| W1060/3/75/3 | W1060/F/3/75/3 | 75 | 21 | 101 | 33 | 60x60 | 38x38 | 6,2 | 100 |

PU Bereifung, Härte ca. 95 Shore A°  
PU tire, hardness abt. 95 Shore A°

|              | mm | mm | mm  | mm | mm    | mm    | mm  | Kg  |  |
|--------------|----|----|-----|----|-------|-------|-----|-----|--|
| W1060/3/35/3 | 35 | 15 | 54  | 35 | 60x60 | 46x46 | 6,2 | 80  |  |
| W1060/3/50/3 | 50 | 12 | 72  | 30 | 60x60 | bis   | 6,2 | 80  |  |
| W1060/3/75/3 | 75 | 21 | 101 | 33 | 60x60 | 38x38 | 6,2 | 100 |  |

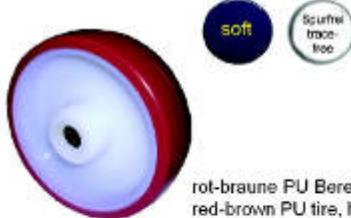
Varianten / Zubehör  
Versions / accessoryRückenlochbefestigung 50 und 75mm auf Anfrage  
Bolt hole versions 50 and 75mm on requestPolyurethan-  
Doppel-RollenRad: Polyurethanbereifung auf  
Kugellagerung.Gehäuse: Stahlblech, verzinkt  
mit doppelter Kugellagerung  
im Gabelkopf, Radachse  
verschraubt. Feststeller mit  
Radstop.Polyurethane  
double-castorsWheel: Ball bearing  
with Polyurethan tyre.Housing: Sheet steel  
housing, glossy zinc-  
plated, with twin ball  
bearing in the fork head.  
Lock with wheel stop.

## Polyurethan-Räder

mit Polyamidradkörper  
 Rad: gemäß Tabelle

## Polyurethane wheels

Wheel centre out of plastic  
 Wheel: according table



rot-braune PU Bereifung, Härte 92-95° Shore A  
 red-brown PU tire, hardness 92-95° Shore A

| Räder<br>Wheels |     |    |    |    |     |   |
|-----------------|-----|----|----|----|-----|---|
| Code:           | mm  | mm | mm | mm | Kg  | H |
| W9/2/80/S92     | 80  | 30 | 12 | 40 | 100 |   |
| W9/2/100/S92    | 100 | 30 | 12 | 40 | 150 |   |
| W9/2/125/S92    | 125 | 35 | 15 | 44 | 200 |   |
| W9/2/150/S92    | 150 | 40 | 15 | 44 | 280 |   |
| W9/2/160/S92    | 160 | 40 | 20 | 58 | 480 |   |
| W9/2/175/S92    | 175 | 45 | 20 | 58 | 320 |   |
| W9/2/200/S92    | 200 | 50 | 20 | 58 | 450 |   |
| W9/2/250/S92    | 250 | 60 | 25 | 75 | 800 |   |



blaue PU Bereifung, Härte 82° Shore A  
 blue PU tire, hardness 82° Shore A

| Räder<br>Wheels |     |    |    |    |     |   |
|-----------------|-----|----|----|----|-----|---|
| Code:           | mm  | mm | mm | mm | Kg  | H |
| W9/2/80/S82     | 80  | 28 | 12 | 40 | 70  |   |
| W9/2/100/S82    | 100 | 30 | 12 | 40 | 110 |   |
| W9/2/125/S82    | 125 | 32 | 15 | 44 | 150 |   |
| W9/2/150/S82    | 150 | 35 | 15 | 44 | 200 |   |
| W9/2/160/S82    | 160 | 38 | 20 | 58 | 250 |   |
| W9/2/200/S82    | 200 | 45 | 20 | 58 | 300 |   |

### Varianten / Zubehör Versions / accessory

Gleitlager oder Kugellager  
 Plain- or ball bearing



Schwerlasträder  
 Heavy duty wheels  
 blaue PU Bereifung  
 blue PU tire  
 Ausführung S 80 = Härte ca. 80° Shore A  
 Ausführung S 95 = Härte ca. 95° Shore A  
 Version S 80 = hardness abt. 80° Shore A  
 Version S 95 = hardness abt. 95° Shore A

| Räder<br>Wheels |     |    |    |    |     |   |  |
|-----------------|-----|----|----|----|-----|---|--|
| Code:           | mm  | mm | mm | mm | Kg  | H |  |
| W9/1/80/S80     | 80  | 34 | 12 | 40 | 130 |   |  |
| W9/3/80/S80     | 80  | 34 | 12 | 40 | 130 |   |  |
| W9/1/80/S95     | 80  | 34 | 12 | 40 | 150 |   |  |
| W9/3/80/S95     | 80  | 34 | 12 | 40 | 150 |   |  |
| W9/1/100/S80    | 100 | 34 | 12 | 40 | 180 |   |  |
| W9/3/100/S80    | 100 | 34 | 12 | 40 | 180 |   |  |
| W9/1/100/S95    | 100 | 34 | 12 | 40 | 200 |   |  |
| W9/3/100/S95    | 100 | 34 | 12 | 40 | 200 |   |  |
| W9/1/125/S80    | 125 | 40 | 15 | 50 | 200 |   |  |
| W9/3/125/S80    | 125 | 40 | 15 | 50 | 200 |   |  |
| W9/1/125/S95    | 125 | 40 | 15 | 50 | 250 |   |  |
| W9/3/125/S95    | 125 | 40 | 15 | 50 | 250 |   |  |
| W9/1/160/S80    | 160 | 45 | 20 | 60 | 300 |   |  |
| W9/3/160/S80    | 160 | 45 | 20 | 60 | 300 |   |  |
| W9/1/150/S95    | 150 | 45 | 20 | 60 | 380 |   |  |
| W9/3/150/S95    | 150 | 45 | 20 | 60 | 380 |   |  |
| W9/1/200/S80    | 200 | 50 | 20 | 60 | 450 |   |  |
| W9/3/200/S80    | 200 | 50 | 20 | 60 | 450 |   |  |
| W9/1/200/S95    | 200 | 50 | 20 | 60 | 500 |   |  |
| W9/3/200/S95    | 200 | 50 | 20 | 60 | 500 |   |  |
| W9/1/250/S80    | 250 | 60 | 25 | 75 | 500 |   |  |
| W9/3/250/S80    | 250 | 60 | 25 | 75 | 500 |   |  |
| W9/1/250/S95    | 250 | 60 | 25 | 75 | 700 |   |  |
| W9/3/250/S95    | 250 | 60 | 25 | 75 | 700 |   |  |



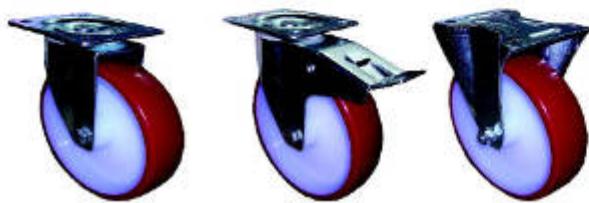
Super-Schwerlasträder  
 Heavy duty wheels  
 braune PU Bereifung  
 brown PU tire  
 Ausführung S 97 = Härte ca. 97° Shore A  
 Version S 97 = hardness abt. 97° Shore A

| Räder<br>Wheels |     |    |    |    |      |   |  |
|-----------------|-----|----|----|----|------|---|--|
| Code:           | mm  | mm | mm | mm | Kg   | H |  |
| W9/3/100/S97    | 100 | 40 | 15 | 40 | 350  |   |  |
| W9/3/125/S97    | 125 | 45 | 20 | 49 | 400  |   |  |
| W9/3/150/S97    | 150 | 50 | 20 | 55 | 600  |   |  |
| W9/3/160/S97    | 160 | 50 | 20 | 55 | 700  |   |  |
| W9/3/200/S97    | 200 | 57 | 25 | 60 | 1100 |   |  |

### Varianten / Zubehör

### Versions / accessory

Gleitlager oder Kugellager  
 Plain- or ball bearing



| Lenkrolle<br>Swivel castors<br>Code: | Lenkrolle Stop<br>Swivel castors lock<br>Code: | Bockrolle<br>Fixed castors<br>Code: |     |    |     |    |         |        |    |     |    |   |
|--------------------------------------|--|-------------------------------------|-----|----|-----|----|---------|--------|----|-----|----|---|
|                                      |  |                                     | mm  | mm | mm  | mm | mm      | mm     | mm | mm  | Kg | H |
| W941/2/80/S92                        | W941/F/2/80/S92                                | W939/2/80/S92                       | 80  | 30 | 105 | 36 | 105x80  | 80x60  | 9  | 100 |    |   |
| W941/2/100/S92                       | W941/F/2/125/S92                               | W939/2/100/S92                      | 100 | 30 | 128 | 36 | 105x80  | 80x60  | 9  | 150 |    |   |
| W941/2/125/S92                       | W941/F/2/125/S92                               | W939/2/125/S92                      | 125 | 35 | 155 | 36 | 105x80  | 80x60  | 9  | 200 |    |   |
| W941/2/150/S92                       | W941/F/2/150/S92                               | W939/2/150/S92                      | 150 | 40 | 190 | 52 | 135x110 | 105x80 | 11 | 280 |    |   |
| W941/2/160/S92                       | W941/F/2/160/S92                               | W939/2/160/S92                      | 160 | 40 | 195 | 52 | 135x110 | 105x80 | 11 | 280 |    |   |
| W941/2/175/S92                       | W941/F/2/175/S92                               | W939/2/175/S92                      | 175 | 45 | 215 | 52 | 138x109 | 105x80 | 11 | 320 |    |   |
| W941/2/200/S92                       | W941/F/2/200/S92                               | W939/2/200/S92                      | 200 | 50 | 235 | 54 | 135x110 | 105x80 | 11 | 350 |    |   |
| W941/2/250/S92                       | W941/F/2/250/S92                               | W939/2/250/S92                      | 250 | 60 | 290 | 66 | 135x110 | 105x80 | 11 | 400 |    |   |

rot-braune PU Bereifung, Härte 92-95° Shore A  
red-brown tire, hardness 92-95° Shore A



| Lenkrolle<br>Swivel castors<br>Code: | Lenkrolle Stop<br>Swivel castors lock<br>Code: | Bockrolle<br>Fixed castors<br>Code: |     |    |     |    |    |     |    |    |    |   |
|--------------------------------------|--|-------------------------------------|-----|----|-----|----|----|-----|----|----|----|---|
|                                      |  |                                     | mm  | mm | mm  | mm | mm | mm  | mm | mm | Kg | H |
| W941/2/80/1/S92                      | W941/F/2/80/1/S92                              | -                                   | 80  | 30 | 108 | 32 | 12 | 100 |    |    |    |   |
| W941/2/100/1/S92                     | W941/F/2/100/1/S92                             | -                                   | 100 | 30 | 128 | 32 | 12 | 120 |    |    |    |   |
| W941/2/125/1/S92                     | W941/F/2/125/1/S92                             | -                                   | 125 | 35 | 155 | 32 | 12 | 150 |    |    |    |   |
| W941/2/150/1/S92                     | W941/F/2/150/1/S92                             | -                                   | 150 | 40 | 192 | 52 | 12 | 200 |    |    |    |   |
| W941/2/160/1/S92                     | W941/F/2/160/1/S92                             | -                                   | 160 | 40 | 197 | 52 | 12 | 200 |    |    |    |   |
| W941/2/200/1/S92                     | W941/F/2/200/1/S92                             | -                                   | 200 | 50 | 240 | 49 | 12 | 300 |    |    |    |   |

rot-braune PU Bereifung, Härte 92-95° Shore A  
red-brown tire, hardness 92-95° Shore A



## Varianten / Zubehör Versions / accessory



## Polyurethan-Rollen

**Rad:** Radkörper aus Kunststoff. Ausgerüstet mit Polyurethanbereifung.  
**Gehäuse:** Stahlblech, verzinkt mit doppelter Kugellagerung im Gabelkopf, Radachse verschraubt. Feststeller mit Doppelstop.

## Polyurethane castors

**Wheel:** Wheel centre out of plastic, equipped with Polyurethan tyre.  
**Housing:** Sheet steel housing, glossy zinc-plated, with twin ball bearing in the fork head. Lock with double stop.

## Weiche Polyurethan-Rollen

**Rad:** Radkörper aus Kunststoff. Ausgerüstet mit Polyurethanbereifung.  
**Gehäuse:** Stahlblech, verzinkt mit doppelter Kugellagerung im Gabelkopf, Feststeller mit Doppelstop.

## Soft-Polyurethane castors

**Wheel:** Wheel centre out of plastic, equipped with Polyurethan tyre.  
**Housing:** Sheet steel housing, glossy zinc-plated, with twin ball bearing in the fork head. Lock with double stop.



| Lenkrolle<br>Swivel castors<br>Code: | Lenkrolle Stop<br>Swivel castors lock<br>Code: | Bockrolle<br>Fixed castors<br>Code: | mm  | mm | mm  | mm | mm      | mm     | mm | Kg  |  |
|--------------------------------------|--|-------------------------------------|-----|----|-----|----|---------|--------|----|-----|--|
| W941/2/80/S82                        | W941/F/2/80/S82                                | W939/2/80/S82                       | 80  | 28 | 105 | 36 | 105x80  | 80x60  | 9  | 70  |  |
| W941/2/100/S82                       | W941/F/2/100/S82                               | W939/2/100/S82                      | 100 | 30 | 128 | 36 | 105x80  | 80x60  | 9  | 110 |  |
| W941/2/125/S82                       | W941/F/2/125/S82                               | W939/2/125/S82                      | 125 | 32 | 155 | 36 | 105x80  | 80x60  | 9  | 150 |  |
| W941/2/150/S82                       | W941/F/2/150/S82                               | W939/2/150/S82                      | 150 | 35 | 190 | 52 | 135x110 | 105x80 | 11 | 200 |  |
| W941/2/160/S82                       | W941/F/2/160/S82                               | W939/2/160/S82                      | 160 | 38 | 195 | 52 | 135x110 | 105x80 | 11 | 250 |  |
| W941/2/200/S82                       | W941/F/2/200/S82                               | W939/2/200/S82                      | 200 | 45 | 235 | 54 | 135x110 | 105x80 | 11 | 300 |  |

blaue PU Bereifung, Härte 82° Shore A  
blue tire, hardness 82° Shore A



| Lenkrolle<br>Swivel castors<br>Code: | Lenkrolle Stop<br>Swivel castors lock<br>Code: | Bockrolle<br>Fixed castors<br>Code: | mm  | mm | mm  | mm | mm | mm  | Kg |  |
|--------------------------------------|--|-------------------------------------|-----|----|-----|----|----|-----|----|--|
| W941/2/80/1/S82                      | W941/F/2/80/1/S82                              | -                                   | 80  | 28 | 108 | 32 | 12 | 70  |    |  |
| W941/2/100/1/S82                     | W941/F/2/100/1/S82                             | -                                   | 100 | 30 | 128 | 32 | 12 | 110 |    |  |
| W941/2/125/1/S82                     | W941/F/2/125/1/S82                             | -                                   | 125 | 32 | 155 | 32 | 12 | 150 |    |  |
| W941/2/150/1/S82                     | W941/F/2/150/1/S82                             | -                                   | 150 | 35 | 192 | 52 | 12 | 200 |    |  |
| W941/2/160/1/S82                     | W941/F/2/160/1/S82                             | -                                   | 160 | 38 | 197 | 52 | 12 | 250 |    |  |
| W941/2/200/1/S82                     | W941/F/2/200/1/S82                             | -                                   | 200 | 45 | 240 | 49 | 12 | 300 |    |  |

blaue PU Bereifung, Härte 82° Shore A  
blue tire, hardness 82° Shore A



## Varianten / Zubehör Versions / accessory





## Schwerlast-Polyurethan-Rollen

**Rad:** Radkörper aus Kunststoff mit Polyurethanbelag. **Gehäuse:** Stahlblech, verzinkt mit doppelter Kugellagerung im Gabelkopf, Radachse verschraubt. Feststeller mit Doppelstop.

## Heavy duty Polyurethane castors

**Wheel:** Wheel centre out of plastic, equipped with pu tyre. **Housing:** Sheet steel housing, with twin ball bearing in the fork head. Lock with double stop.

| Lenkrolle<br>Swivel castors<br>Code: | Lenkrolle Stop<br>Swivel castors lock<br>Code: | Bockrolle<br>Fixed castors<br>Code: | mm  | mm | mm  | mm | mm      | mm      | mm   | Kg  |
|--------------------------------------|--|-------------------------------------|-----|----|-----|----|---------|---------|------|-----|
| W941/1/80/S80/MP4                    | W941/F1/80/S80/MP4                             | W939/1/80/S80/MP4                   | 80  | 34 | 108 | 47 | 100x84  | 80x60   | 9    | 130 |
| W941/3/80/S80/MP4                    | W941/F3/80/S80/MP4                             | W939/3/80/S80/MP4                   | 80  | 34 | 108 | 47 | 100x84  | 80x60   | 9    | 130 |
| W941/1/100/S80/MP4                   | W941/F1/100/S80/MP4                            | W939/1/100/S80/MP4                  | 100 | 34 | 128 | 47 | 100x84  | 80x60   | 9    | 180 |
| W941/3/100/S80/MP4                   | W941/F3/100/S80/MP4                            | W939/3/100/S80/MP4                  | 100 | 34 | 128 | 47 | 100x84  | 80x60   | 9    | 180 |
| W941/1/125/S80/MP5                   | W941/F1/125/S80/MP5                            | W939/1/125/S80/MP5                  | 125 | 40 | 155 | 51 | 100x84  | 80x60   | 9    | 200 |
| W941/3/125/S80/MP5                   | W941/F3/125/S80/MP5                            | W939/3/125/S80/MP5                  | 125 | 40 | 155 | 51 | 100x84  | 80x60   | 9    | 200 |
| W941/1/125/S80/S                     | W941/F1/125/S80/S                              | W939/1/125/S80/S                    | 125 | 40 | 155 | 40 | 135x110 | 105x80  | 10,5 | 200 |
| W941/3/125/S80/S                     | W941/F3/125/S80/S                              | W939/3/125/S80/S                    | 125 | 40 | 155 | 40 | 135x110 | 105x80  | 10,5 | 200 |
| W941/1/160/S80/P6                    | W941/F1/160/S80/P6                             | W939/1/160/S80/P6                   | 160 | 45 | 200 | 60 | 132x110 | 105x80  | 12   | 300 |
| W941/3/160/S80/P6                    | W941/F3/160/S80/P6                             | W939/3/160/S80/P6                   | 160 | 45 | 200 | 60 | 132x110 | 105x80  | 12   | 300 |
| W941/1/200/S80/P6                    | W941/F1/200/S80/P6                             | W939/1/200/S80/P6                   | 200 | 50 | 243 | 59 | 132x110 | 105x80  | 12   | 450 |
| W941/3/200/S80/P6                    | W941/F3/200/S80/P6                             | W939/3/200/S80/P6                   | 200 | 50 | 243 | 59 | 132x110 | 105x80  | 12   | 450 |
| W941/1/250/S80/P6                    | W941/F1/250/S80/P6/V                           | W939/1/250/S80/P6                   | 250 | 60 | 309 | 64 | 200x160 | 160x120 | 15   | 500 |
| W941/3/250/S80/P6                    | W941/F3/250/S80/P6/V                           | W939/3/250/S80/P6                   | 250 | 60 | 309 | 64 | 200x160 | 160x120 | 15   | 500 |

PU Bereifung / PU tire

V= Feststeller im Vorlauf / V= Front lock

Ausführung S80 = Harte ca. 80 Shore A° / Version S80 = hardness abt. 80 Shore A°



| Lenkrolle<br>Swivel castors<br>Code: | Lenkrolle Stop<br>Swivel castors lock<br>Code: | Bockrolle<br>Fixed castors<br>Code: | mm  | mm | mm  | mm | mm      | mm      | mm   | Kg   |
|--------------------------------------|--|-------------------------------------|-----|----|-----|----|---------|---------|------|------|
| W941/1/80/S95/P4                     | W941/F1/80/S95/P4                              | W939/1/80/S95/P4                    | 80  | 34 | 108 | 47 | 100x84  | 80x60   | 9    | 150  |
| W941/3/80/S95/P4                     | W941/F3/80/S95/P4                              | W939/3/80/S95/P4                    | 80  | 34 | 108 | 47 | 100x84  | 80x60   | 9    | 150  |
| W941/1/100/S95/P4                    | W941/F1/100/S95/P4                             | W939/1/100/S95/P4                   | 100 | 34 | 128 | 47 | 100x84  | 80x60   | 9    | 200  |
| W941/3/100/S95/P4                    | W941/F3/100/S95/P4                             | W939/3/100/S95/P4                   | 100 | 34 | 128 | 47 | 100x84  | 80x60   | 9    | 200  |
| W941/3/100/S97/P4*                   | W941/F3/100/S97/P4*                            | W939/3/100/S97/P4*                  | 100 | 40 | 128 | 47 | 100x84  | 80x60   | 9    | 300  |
| W941/3/100/S97/2*                    | W941/F3/100/S97/2*                             | W939/3/100/S97/2*                   | 100 | 40 | 125 | 48 | 135x110 | 105x80  | 10,5 | 300  |
| W941/1/125/S95/P5                    | W941/F1/125/S95/P5                             | W939/1/125/S95/P5                   | 125 | 40 | 161 | 51 | 100x84  | 80x60   | 9    | 250  |
| W941/3/125/S95/P5                    | W941/F3/125/S95/P5                             | W939/3/125/S95/P5                   | 125 | 40 | 161 | 51 | 100x84  | 80x60   | 9    | 250  |
| W941/3/125/S97/P5*                   | W941/F3/125/S97/P5*                            | W939/3/125/S97/P5*                  | 125 | 45 | 161 | 51 | 100x84  | 80x60   | 9    | 400  |
| W941/1/125/S95/S                     | W941/F1/125/S95/S                              | W939/1/125/S95/S                    | 125 | 40 | 155 | 40 | 135x110 | 105x80  | 10,5 | 250  |
| W941/3/125/S95/S                     | W941/F3/125/S95/S                              | W939/3/125/S95/S                    | 125 | 40 | 155 | 40 | 135x110 | 105x80  | 10,5 | 250  |
| W941/1/150/S95/P6                    | W941/F1/150/S95/P6                             | W939/1/150/S95/P6                   | 150 | 45 | 195 | 60 | 132x110 | 105x80  | 12   | 380  |
| W941/3/150/S95/P6                    | W941/F3/150/S95/P6                             | W939/3/150/S95/P6                   | 150 | 45 | 195 | 60 | 132x110 | 105x80  | 12   | 380  |
| W941/3/150/S97/P6*                   | W941/F3/150/S97/P6*                            | W939/3/150/S97/P6*                  | 150 | 50 | 195 | 60 | 132x110 | 105x80  | 12   | 600  |
| W941/1/200/S95/P6                    | W941/F1/200/S95/P6                             | W939/1/200/S95/P6                   | 200 | 50 | 243 | 59 | 132x110 | 105x80  | 12   | 500  |
| W941/3/200/S95/P6                    | W941/F3/200/S95/P6                             | W939/3/200/S95/P6                   | 200 | 50 | 243 | 59 | 132x110 | 105x80  | 12   | 500  |
| W941/3/200/S97/LM                    | W941/F3/200/S97/LM                             | W939/3/200/S97/LM*                  | 200 | 57 | 245 | 57 | 135x110 | 105x80  | 13   | 1000 |
| W941/1/250/S95/P6                    | W941/F1/250/S95/P6/V                           | W939/1/250/S95/P6                   | 250 | 60 | 309 | 64 | 200x160 | 160x120 | 15   | 700  |
| W941/3/250/S95/P6                    | W941/F3/250/S95/P6/V                           | W939/3/250/S95/P6                   | 250 | 60 | 309 | 64 | 200x160 | 160x120 | 15   | 700  |

PU Bereifung / PU tire

V= Feststeller im Vorlauf / V= Front lock

Ausführung S95 = Härte ca. 95° Shore A / Version S95 = hardness abt. 95° Shore A

Ausführung S97\* = Härte ca. 97° Shore A / Version S97 = hardness abt. 97° Shore A



## Schwerlast-Polyurethan-Räder

**Rad:** Radkörper aus Aluminium oder Guss mit Polyurethanbelag.

## Heavy duty Polyurethane wheels

**Wheel:** Wheel centre out of aluminium or grey special casting, equipped with polyurethane tyre.



| Räder<br>Wheels       | Code: | mm  | mm  | mm | mm  | Kg   |   |
|-----------------------|-------|-----|-----|----|-----|------|---|
| <b>W12/3/80</b>       |       | 80  | 36  | 15 | 36  | 250  | H |
| <b>W12/3/80/1</b>     |       | 80  | 20  | 12 | 20  | 150  | H |
| <b>W12/3/100</b>      |       | 100 | 30  | 15 | 30  | 250  | H |
| <b>W12/3/100/1</b>    |       | 100 | 40  | 20 | 40  | 300  | H |
| <b>W12/3/100/2</b>    |       | 100 | 50  | 20 | 60  | 400  | H |
| <b>W12/3/125</b>      |       | 125 | 40  | 20 | 40  | 400  | H |
| <b>W12/3/125/1</b>    |       | 125 | 50  | 20 | 60  | 500  | H |
| <b>W12/3/125/2/RO</b> |       | 125 | 60  | 20 | 60  | 700  | H |
| <b>W12/3/150</b>      |       | 150 | 40  | 20 | 40  | 500  | H |
| <b>W12/3/150/1</b>    |       | 150 | 50  | 25 | 50  | 800  | H |
| <b>W12/3/150/2/RO</b> |       | 150 | 60  | 25 | 65  | 930  | H |
| <b>W12/3/160/RO</b>   |       | 160 | 40  | 20 | 58  | 700  | H |
| <b>W12/3/160/1/RO</b> |       | 160 | 50  | 20 | 60  | 800  | H |
| <b>W12/3/175</b>      |       | 175 | 40  | 20 | 40  | 650  | H |
| <b>W12/3/175/1/RO</b> |       | 175 | 40  | 20 | 52  | 720  | H |
| <b>W12/3/175/2/RO</b> |       | 175 | 60  | 20 | 60  | 850  | H |
| <b>W12/3/180/RO</b>   |       | 180 | 50  | 25 | 60  | 900  | H |
| <b>W12/3/200</b>      |       | 200 | 50  | 25 | 60  | 1100 | H |
| <b>W12/3/200/1/RO</b> |       | 200 | 60  | 25 | 65  | 1200 | H |
| <b>W12/3/200/2/RO</b> |       | 200 | 80  | 30 | 80  | 1500 | H |
| <b>W12/3/200/3/RO</b> |       | 200 | 100 | 30 | 100 | 1950 | H |
| <b>W12/3/225/RO</b>   |       | 225 | 50  | 25 | 50  | 1000 | H |
| <b>W12/3/250</b>      |       | 250 | 60  | 25 | 60  | 1400 | H |
| <b>W12/3/250/1</b>    |       | 250 | 80  | 30 | 80  | 1800 | H |
| <b>W12/3/250/2/RO</b> |       | 250 | 100 | 35 | 100 | 2200 | H |
| <b>W12/3/300</b>      |       | 300 | 70  | 30 | 70  | 2200 | H |
| <b>W12/3/300/1/RO</b> |       | 300 | 100 | 40 | 100 | 3000 | H |
| <b>W12/3/300/2/RO</b> |       | 300 | 80  | 30 | 80  | 2200 | H |
| <b>W12/3/350/RO</b>   |       | 350 | 100 | 50 | 100 | 3500 | H |
| <b>W12/3/400</b>      |       | 400 | 100 | 40 | 100 | 4000 | H |
| <b>W12/3/400/1</b>    |       | 400 | 125 | 40 | 125 | 4600 | H |
| <b>W12/3/500</b>      |       | 500 | 100 | 50 | 100 | 4500 | H |

Gussfelge / special casting rim

PU Bereifung Härte ca. 95° Shore A  
PU tire hardness abt. 95° Shore A

soft

Spurfrei  
trace-free



| Räder<br>Wheels  | Code: | mm  | mm | mm | mm | Kg   |   |
|------------------|-------|-----|----|----|----|------|---|
| <b>W11/3/80</b>  |       | 80  | 30 | 12 | 40 | 180  | H |
| <b>W11/3/100</b> |       | 100 | 40 | 12 | 40 | 280  | H |
| <b>W11/3/125</b> |       | 125 | 40 | 20 | 50 | 350  | H |
| <b>W11/3/160</b> |       | 160 | 50 | 20 | 60 | 500  | H |
| <b>W11/3/175</b> |       | 175 | 50 | 20 | 60 | 600  | H |
| <b>W11/3/180</b> |       | 180 | 50 | 20 | 60 | 700  | H |
| <b>W11/3/200</b> |       | 200 | 50 | 25 | 60 | 800  | H |
| <b>W11/3/250</b> |       | 250 | 60 | 30 | 60 | 1000 | H |

Aluminiumfelge / aluminium rim  
PU Bereifung Härte ca. 95° Shore A  
PU tire hardness abt. 95° Shore A

soft

Spurfrei  
trace-free



| Räder<br>Wheels          | Code: | mm  | mm | mm | mm | Kg   |   |
|--------------------------|-------|-----|----|----|----|------|---|
| <b>W123/100/VR/S80</b>   |       | 100 | 40 | 20 | 50 | 300  | H |
| <b>W123/125/VR/S80</b>   |       | 125 | 50 | 20 | 60 | 400  | H |
| <b>W123/150/VR/S80</b>   |       | 150 | 50 | 20 | 60 | 500  | H |
| <b>W123/200/VR/S80</b>   |       | 200 | 50 | 25 | 60 | 650  | H |
| <b>W123/250/VR/S80</b>   |       | 250 | 50 | 30 | 60 | 800  | H |
| <b>W123/250/VR/1/S80</b> |       | 250 | 80 | 30 | 85 | 950  | H |
| <b>W123/300/VR/S80</b>   |       | 300 | 75 | 30 | 75 | 1250 | H |

Gussfelge / special casting rim  
PU Bereifung Härte ca. 80° Shore A  
PU tire hardness abt. 80° Shore A

elastic  
soft

Spurfrei  
trace-free



| Räder<br>Wheels |     |    |    |    |      |  |
|-----------------|-----|----|----|----|------|--|
| Code:           | mm  | mm | mm | mm | Kg   |  |
| W12/3/80/WR     | 80  | 36 | 15 | 36 | 250  |  |
| W12/3/100/WR    | 100 | 40 | 20 | 50 | 350  |  |
| W12/3/100/VR1   | 100 | 50 | 20 | 60 | 450  |  |
| W12/3/125/VR    | 125 | 40 | 15 | 47 | 350  |  |
| W12/3/125/VR1   | 125 | 50 | 20 | 60 | 550  |  |
| W12/3/150/WR    | 150 | 50 | 20 | 60 | 700  |  |
| W12/3/200/WR    | 200 | 50 | 25 | 60 | 1000 |  |
| W12/3/250/WR    | 250 | 50 | 25 | 60 | 1200 |  |
| W12/3/250/VR1   | 250 | 80 | 35 | 80 | 2000 |  |
| W12/3/300/WR    | 300 | 80 | 35 | 80 | 2100 |  |

Gussfelge / special casting rim

PU Bereifung Härte ca. 95° Shore A  
PU tire hardness abt. 95° Shore A



Gleitlagerbohrung mit Nut /  
Plain bore with slot

| Räder<br>Wheels  |     |     |    |     |      |  |
|------------------|-----|-----|----|-----|------|--|
| Code:            | mm  | mm  | mm | mm  | Kg   |  |
| W12/1/100/N/RO   | 100 | 30  | 15 | 36  | 250  |  |
| W12/1/125/N/RO   | 125 | 35  | 15 | 47  | 330  |  |
| W12/1/150/N/RO   | 150 | 40  | 15 | 47  | 500  |  |
| W12/1/160/N/RO   | 160 | 40  | 20 | 58  | 750  |  |
| W12/1/175/N/RO   | 175 | 40  | 20 | 52  | 700  |  |
| W12/1/200/N/RO   | 200 | 50  | 20 | 52  | 1000 |  |
| W12/1/250/N/RO   | 250 | 50  | 25 | 65  | 1200 |  |
| W12/1/250/N/RO/1 | 250 | 60  | 25 | 65  | 1400 |  |
| W12/1/300/N/RO   | 300 | 70  | 25 | 70  | 2100 |  |
| W12/1/300/N/RO/1 | 300 | 100 | 30 | 100 | 3000 |  |
| W12/1/350/N/RO   | 350 | 100 | 30 | 100 | 3500 |  |
| W12/1/400/N/RO   | 400 | 100 | 30 | 100 | 3800 |  |

Gussfelge / special casting rim

Härte ca. 95° Shore A / Hardness abt. 95° Shore A



## Schwerlast- Polyurethan und Vulkollanräder

Rad: Radkörper aus  
Guss oder Aluminium mit  
Polyurethanbelag.

## Heavy duty Polyurethane and vulkollan wheels

Wheel: Wheel centre  
out of grey special  
casting or out of  
aluminium with  
polyurethane tyre.



| Räder<br>Wheels |     |     |    |     |      |  |
|-----------------|-----|-----|----|-----|------|--|
| Code:           | mm  | mm  | mm | mm  | Kg   |  |
| W12/1/100/RO    | 100 | 30  | 15 | 36  | 250  |  |
| W12/1/125/RO    | 125 | 35  | 15 | 47  | 330  |  |
| W12/1/150/RO    | 150 | 40  | 15 | 47  | 500  |  |
| W12/1/160/RO    | 160 | 40  | 20 | 58  | 750  |  |
| W12/1/175/RO    | 175 | 40  | 20 | 52  | 700  |  |
| W12/1/200/RO    | 200 | 50  | 20 | 52  | 1000 |  |
| W12/1/250/RO    | 250 | 50  | 25 | 65  | 1200 |  |
| W12/1/250/RO    | 250 | 60  | 25 | 65  | 1400 |  |
| W12/1/300/RO    | 300 | 70  | 25 | 70  | 2100 |  |
| W12/1/300/RO    | 300 | 100 | 30 | 100 | 3000 |  |
| W12/1/350/RO    | 350 | 100 | 30 | 100 | 3500 |  |
| W12/1/400/RO    | 400 | 100 | 30 | 100 | 3800 |  |

Gussfelge / special casting rim  
Härte ca. 95° Shore A / Hardness abt. 95° Shore A  
Gleitlagerbohrung / Plain bore



Polyurethan & Vulkollan Spurkranzräder auf Anfrage  
Polyurethane & vulkollan flange wheels on request

# räder

**Rad:** Radkörper aus Aluminium-Vollradkörper mit (Desmodur 15) in 92° Shore A Härte, Kugellagerung.

FL = flach  
BA = ballig

## wheels

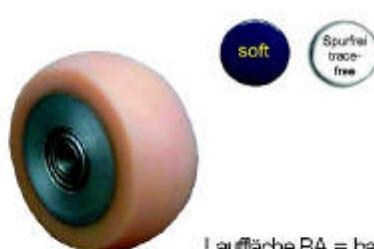
**Wheel:** Wheel centre out of aluminium-full-core, equipped with tyre (Desmodur 15), hardness 92° Shore A, ball bearing.

FL = flat tread  
BA = round tread



Lauffläche FL = flach / FL = flat tread

| Räder<br>Wheels<br>Code: | mm  | mm | mm | mm | Kg  | H |
|--------------------------|-----|----|----|----|-----|---|
| W69/3/50/1/FL            | 50  | 40 | 10 | 40 | 100 | H |
| W69/3/65/FL              | 65  | 30 | 12 | 30 | 150 | H |
| W69/3/80/1/FL            | 80  | 30 | 12 | 30 | 200 | H |
| W69/3/80/2/FL            | 80  | 40 | 12 | 40 | 250 | H |
| W69/3/100/12/FL          | 100 | 40 | 12 | 40 | 350 | H |
| W69/3/125/1/20/FL        | 125 | 45 | 20 | 45 | 450 | H |
| W69/3/150/20/FL          | 150 | 50 | 20 | 50 | 600 | H |
| W69/3/175/20/FL          | 175 | 50 | 20 | 50 | 650 | H |
| W69/3/180/20/FL          | 180 | 50 | 20 | 50 | 700 | H |
| W69/3/200/20/FL          | 200 | 50 | 20 | 50 | 800 | H |



Lauffläche BA = ballig / BA = round tread

| Räder<br>Wheels<br>Code: | mm  | mm | mm | mm | Kg  | H |
|--------------------------|-----|----|----|----|-----|---|
| W69/3/65/BA              | 65  | 30 | 12 | 30 | 150 | H |
| W69/3/80/1/BA            | 80  | 30 | 12 | 30 | 200 | H |
| W69/3/80/2/BA            | 80  | 40 | 12 | 40 | 250 | H |
| W69/3/90/12/BA           | 90  | 40 | 12 | 40 | 350 | H |
| W69/3/100/12/BA          | 100 | 40 | 12 | 40 | 350 | H |
| W69/3/125/1/20/BA        | 125 | 45 | 20 | 45 | 450 | H |
| W69/3/150/20/BA          | 150 | 50 | 20 | 50 | 600 | H |
| W69/3/175/20/BA          | 175 | 50 | 20 | 50 | 650 | H |
| W69/3/180/20/BA          | 180 | 50 | 20 | 50 | 700 | H |
| W69/3/200/20/BA          | 200 | 50 | 20 | 50 | 800 | H |

## Schwerlast-Polyurethanrollen

Rad: ø 100mm

## Heavy duty polyurethane castors

Wheel: ø 100mm



Lenkrolle

Swivel castors

Code:

W6941/3/100/PU/BA/L

Lenkrolle Stop

Swivel castors lock

Code:

W6941/F3/100/PU/L

Bockrolle

Fixed castors

Code:

W6939/3/100/PU/BA/L

Lenkrolle Richtungsfeststeller

Swivel castors with directional lock

Code:

W6941/R3/100/PU/BA/L



mm

mm

mm

mm

mm

mm

mm

mm

100

40

125

48

135x110

105x80

10,5

280

Härte ca. 95 Shore A° / hardness abt. 95 Shore A°



Weitere Hamburger Theaterrollen Ausführungen auf Seite 37  
Hamburger theatre castors other versions go to page 37



## Schwerlast-Polyurethan-Rollen

**Rad:** Radkörper aus Aluminium oder Guss mit Polyurethanbelag. **Gehäuse:** Stahlblech, verzinkt mit doppelter Kugellagerung im Gabelkopf, Radachse verschraubt. Feststeller mit Doppelstop.

## Heavy duty Polyurethane castors

**Wheel:** Wheel centre out of aluminium or grey special casting, polyurethane tyre. **Housing:** Sheet steel housing, with twin ball bearing in the fork head. Lock with double stop.

| Lenkrolle<br>Swivel castors<br>Code: | Lenkrolle Stop<br>Swivel castors lock<br>Code: | Bockrolle<br>Fixed castors<br>Code: | Ø mm | mm | mm    | mm | mm      | mm      | mm   | Kg   |   |
|--------------------------------------|--|-------------------------------------|------|----|-------|----|---------|---------|------|------|---|
| W1241/3/80/MP4                       | W1241/F/3/80/MP4                               | W1239/3/80/MP4                      | 80   | 36 | 108   | 47 | 100x84  | 80x60   | 9    | 250  | H |
| W1241/3/100/MP4                      | W1241/F/3/100/MP4                              | W1239/3/100/MP4                     | 100  | 30 | 128   | 47 | 100x84  | 80x60   | 9    | 250  | H |
| W1241/3/125/P5                       | W1241/F/3/125/P5                               | W1239/3/125/P5                      | 125  | 40 | 161   | 51 | 100x84  | 80x60   | 9    | 400  | H |
| W1241/3/150/P5                       | W1241/F/3/150/P5                               | W1239/3/150/P5                      | 150  | 40 | 188   | 45 | 132x110 | 105x80  | 11,5 | 400  | H |
| W1241/3/150/P6                       | W1241/F/3/150/P6                               | W1239/3/150/P6                      | 150  | 50 | 195   | 60 | 132x110 | 105x80  | 12   | 700  | H |
| W1241/3/175/P6                       | W1241/F/3/175/P6                               | W1239/3/175/P6                      | 175  | 40 | 230,5 | 59 | 132x110 | 105x80  | 12   | 650  | H |
| W1241/3/175/LM                       | W1241/F/3/175/LM                               | W1239/3/175/LM                      | 175  | 40 | 225   | 57 | 135x110 | 105x80  | 13   | 650  | H |
| W1241/3/200/P6                       | W1241/F/3/200/P6                               | W1239/3/200/P6                      | 200  | 50 | 243   | 59 | 132x110 | 105x80  | 12   | 700  | H |
| W1241/3/200/LM                       | W1241/F/3/200/LM                               | W1239/3/200/LM                      | 200  | 50 | 245   | 57 | 135x110 | 105x80  | 13   | 1000 | H |
| W1241/3/250/P6                       | W1241/F/3/250/P6/V                             | W1239/3/250/P6                      | 250  | 60 | 309   | 64 | 200x160 | 160x120 | 15   | 1400 | H |

PU Bereifung & Gussfelge / PU tire & wheel center out of grey special casting

V= Feststeller im Vorlauf / V= Front lock

Härte ca. 95 Shore A° / hardness abt. 95 Shore A°



| Lenkrolle<br>Swivel castors<br>Code: | Lenkrolle Stop<br>Swivel castors lock<br>Code: | Bockrolle<br>Fixed castors<br>Code: | Ø mm | mm | mm    | mm | mm      | mm      | mm   | Kg   |   |
|--------------------------------------|--|-------------------------------------|------|----|-------|----|---------|---------|------|------|---|
| W1141/3/80/MP4                       | W1141/F/3/80/MP4                               | W1139/3/80/MP4                      | 80   | 30 | 108   | 47 | 100x84  | 80x60   | 9    | 180  | H |
| W1141/3/100/MP4                      | W1141/F/3/100/MP4                              | W1139/3/100/MP4                     | 100  | 30 | 128   | 47 | 100x84  | 80x60   | 9    | 280  | H |
| W1141/3/125/P5                       | W1141/F/3/125/P5                               | W1139/3/125/P5                      | 125  | 30 | 161   | 51 | 100x84  | 80x60   | 9    | 350  | H |
| W1141/3/150/P5                       | W1141/F/3/150/P5                               | W1139/3/150/P5                      | 150  | 40 | 188   | 45 | 132x110 | 105x80  | 11,5 | 400  | H |
| W1141/3/160/P6                       | W1141/F/3/160/P6                               | W1139/3/160/P6                      | 160  | 50 | 200   | 60 | 132x110 | 105x80  | 12   | 500  | H |
| W1141/3/175/P6                       | W1141/F/3/175/P6                               | W1139/3/175/P6                      | 175  | 50 | 230,5 | 59 | 132x110 | 105x80  | 12   | 600  | H |
| W1141/3/175/LM                       | W1141/F/3/175/LM                               | W1139/3/175/LM                      | 175  | 50 | 225   | 57 | 135x110 | 105x80  | 13   | 600  | H |
| W1141/3/200/P6                       | W1141/F/3/200/P6                               | W1139/3/200/P6                      | 200  | 50 | 243   | 59 | 132x110 | 105x80  | 12   | 700  | H |
| W1141/3/200/LM                       | W1141/F/3/200/LM                               | W11439/3/200/LM                     | 200  | 50 | 245   | 57 | 135x110 | 105x80  | 13   | 800  | H |
| W1141/3/250/P6/RO                    | W1141/F/3/250/P6/V/RO                          | W1139/3/250/P6/RO                   | 250  | 60 | 309   | 64 | 200x160 | 160x120 | 15   | 1000 | H |

PU Bereifung & Aluminiumfelge / PU tire & aluminium wheel centre

V= Feststeller im Vorlauf / V= Front lock

Härte ca. 95 Shore A° / hardness abt. 95 Shore A°



## Schwerlast-Polyurethan-Rollen

**Rad:** Radkörper aus Guss mit Polyurethanbelag, kugelgelagert. **Gehäuse:** Stahlschweißkonstruktion, verzinkt, Kugellagerung im Gabelkopf.

## Heavy duty Polyurethane castors

**Wheel:** Wheel centre out of grey special casting, polyurethane tyre. **Housing:** steel-welded construction, with ball bearing in the fork head.



Version / accessory: **diretional lock**  
Varianten / Zubehör: **Richtungsfeststeller**



| Lenkrolle<br>Swivel castors<br>Code: | Lenkrolle Stop<br>Swivel castors lock<br>Code: | Bockrolle<br>Fixed castors<br>Code: | Ø mm | mm | mm  | mm | mm      | mm      | mm | mm   | Kg |
|--------------------------------------|--|-------------------------------------|------|----|-----|----|---------|---------|----|------|----|
| W1230/3/80                           | W1230/F/3/80                                   | W1229/3/80                          | 80   | 36 | 125 | 30 | 105x80  | 80x60   | 10 | 220  | H  |
| W1230/3/100/1                        | W1230/F/3/100/1                                | W1229/3/100/1                       | 100  | 50 | 145 | 35 | 135x110 | 105x80  | 11 | 400  | H  |
| W1230/3/125                          | W1230/F/3/125                                  | W1229/3/125                         | 125  | 50 | 170 | 50 | 138x110 | 105x80  | 11 | 550  | H  |
| W1230/3/150                          | W1230/F/3/150                                  | W1229/3/150                         | 150  | 50 | 195 | 60 | 138x110 | 105x80  | 11 | 800  | H  |
| W1230/3/200                          | W1230/F/3/200                                  | W1229/3/200                         | 200  | 50 | 245 | 60 | 138x110 | 105x80  | 11 | 1000 | H  |
| W1230/3/250                          | W1230/F/3/250                                  | W1229/3/250                         | 250  | 50 | 295 | 70 | 138x110 | 105x80  | 11 | 1300 | H  |
| W1230/3/250/1                        | W1230/F/3/250/1                                | W1229/3/250/1                       | 250  | 80 | 305 | 75 | 175x140 | 140x105 | 14 | 1600 | H  |
| W1230/3/300                          | W1230/F/3/300                                  | W1229/3/300                         | 300  | 80 | 355 | 75 | 200x160 | 160x120 | 16 | 2000 | H  |

PU Bereifung / PU tire  
Härte ca. 95 Shore A° / hardness abt. 95 Shore A°



Schwerlastrollen  
Heavy duty castors



| Lenkrolle<br>Swivel castors<br>Code: | Lenkrolle Stop<br>Swivel castors lock<br>Code: | Bockrolle<br>Fixed castors<br>Code: | Ø mm | mm | mm  | mm | mm      | mm      | mm | mm   | Kg |
|--------------------------------------|--|-------------------------------------|------|----|-----|----|---------|---------|----|------|----|
| W1230/3/80/S80                       | W1230/F/3/80/S80                               | W1229/3/80/S80                      | 80   | 36 | 125 | 30 | 105x80  | 80x60   | 10 | 220  | H  |
| W1230/3/100/1/S80                    | W1230/F/3/100/1/S80                            | W1229/3/100/1/S80                   | 100  | 50 | 145 | 35 | 138x110 | 105x80  | 11 | 400  | H  |
| W1230/3/125/S80                      | W1230/F/3/125/S80                              | W1229/3/125/S80                     | 125  | 50 | 170 | 50 | 138x110 | 105x80  | 11 | 550  | H  |
| W1230/3/150/S80                      | W1230/F/3/150/S80                              | W1229/3/150/S80                     | 150  | 50 | 195 | 60 | 138x110 | 105x80  | 11 | 700  | H  |
| W1230/3/200/S80                      | W1230/F/3/200/S80                              | W1229/3/200/S80                     | 200  | 50 | 245 | 60 | 138x110 | 105x80  | 11 | 1000 | H  |
| W1230/3/250/S80                      | W1230/F/3/250/S80                              | W1229/3/250/S80                     | 250  | 50 | 295 | 70 | 138x110 | 105x80  | 11 | 1300 | H  |
| W1230/3/250/1/S80                    | W1230/F/3/250/1/S80                            | W1229/3/250/1/S80                   | 250  | 80 | 305 | 70 | 175x140 | 140x105 | 14 | 1600 | H  |
| W1230/3/300/S80                      | W1230/F/3/300/S80                              | W1229/3/300/S80                     | 300  | 80 | 355 | 75 | 200x160 | 160x120 | 16 | 2000 | H  |

PU Bereifung / PU tire  
Härte ca. 80 Shore A° / hardness abt. 80 Shore A°



Schwerlastrollen  
Heavy duty castors



## Schwerlast-Polyurethan-Rollen

**Rad:** Radkörper aus Guss mit Polyurethanbelag.  
**Gehäuse:** Stahlschweißkonstruktion, Radachse verschraubt.

## Heavy duty Polyurethane castors

**Wheel:** Wheel centre out of grey special casting, equipped with polyurethane tire. **Housing:** steel-welded construction.

| Lenkrolle<br>Swivel castors | Lenkrolle Stop<br>Swivel castors lock | Bockrolle<br>Fixed castors |     | mm  | mm  | mm  | mm      | mm      | mm | Kg   |
|-----------------------------|---------------------------------------|----------------------------|-----|-----|-----|-----|---------|---------|----|------|
| W1230/3/150/SO              | W1230/F3/150/SO                       | W1229/3/150/SO             | 150 | 60  | 210 | 52  | 175x140 | 140x105 | 13 | 930  |
| W1230/3/200/SO              | W1230/F3/200/SO                       | W1229/3/200/SO             | 200 | 80  | 255 | 77  | 200x160 | 160x120 | 17 | 1500 |
| W1230/3/200/1/SO            | W1230/F3/200/1/SO                     | W1229/3/200/1/SO           | 200 | 100 | 255 | 115 | 200x160 | 160x120 | 17 | 1950 |
| W1230/3/250/SO              | W1230/F3/250/SO                       | W1229/3/250/SO             | 250 | 80  | 310 | 95  | 200x160 | 160x120 | 17 | 1800 |
| W1230/3/250/1/SO            | W1230/F3/250/1/SO                     | W1229/3/250/1/SO           | 250 | 100 | 310 | 115 | 200x160 | 160x120 | 17 | 2200 |
| W1230/3/300/SO              | W1230/F3/300/SO                       | W1229/3/300/SO             | 300 | 70  | 378 | 85  | 200x160 | 160x120 | 17 | 2000 |
| W1230/3/300/1/SO            | W1230/F3/300/1/SO                     | W1229/3/300/1/SO           | 300 | 80  | 378 | 95  | 200x160 | 160x120 | 17 | 2200 |
| W1230/3/300/2/SO            | W1230/F3/300/2/SO                     | W1229/3/300/2/SO           | 300 | 100 | 430 | 115 | 200x160 | 160x120 | 17 | 2800 |
| W1230/3/350/SO              | W1230/F3/350/SO                       | W1229/3/350/SO             | 350 | 100 | 430 | 115 | 250x200 | 210x160 | 17 | 3000 |
| W1230/3/400/SO              | W1230/F3/400/SO                       | W1229/3/400/SO             | 400 | 80  | 490 | 115 | 250x200 | 210x160 | 17 | 2800 |
| W1230/3/400/1/SO            | W1230/F3/400/1/SO                     | W1229/3/400/1/SO           | 400 | 100 | 490 | 115 | 250x200 | 210x160 | 17 | 3500 |
| W1230/3/500/SO              | W1230/F3/500/SO                       | W1229/3/500/SO             | 500 | 100 | 600 | 115 | 250x200 | 210x160 | 20 | 4500 |

Härte ca. 95 Shore A° / hardness abt. 95 Shore A°



Schwerlastrollen  
Heavy duty castors



Schwerlast-Doppel-Lenkrollen  
Heavy-duty-double-casters

| Lenkrolle<br>Swivel castors | Lenkrolle Stop<br>Swivel castors lock | Bockrolle<br>Fixed castors |     | mm    | mm  | mm  | mm      | mm      | mm | Kg   |
|-----------------------------|---------------------------------------|----------------------------|-----|-------|-----|-----|---------|---------|----|------|
| W1260/3/100                 | W1260/F3/100                          | W1259/3/100                | 100 | 2x38  | 150 | 60  | 150x110 | 105x80  | 12 | 590  |
| W1260/3/125                 | W1260/F3/125                          | W1259/3/125                | 125 | 2x50  | 175 | 58  | 150x110 | 105x80  | 12 | 1100 |
| W1260/3/150                 | W1260/F3/150                          | W1259/3/150                | 150 | 2x50  | 212 | 55  | 175x140 | 140x105 | 12 | 1600 |
| W1260/3/200                 | W1260/F3/200                          | W1259/3/200                | 200 | 2x50  | 264 | 67  | 175x140 | 140x105 | 12 | 2000 |
| W1260/3/250                 | W1260/F3/250                          | W1259/3/250                | 250 | 2x50  | 314 | 80  | 175x140 | 140x105 | 12 | 2000 |
| W1260/3/300                 | W1260/F3/300                          | W1259/3/300                | 300 | 2x50  | 365 | 82  | 175x140 | 140x105 | 12 | 2000 |
| W1260/3/300/1               | W1260/F3/300/1                        | W1259/3/300/1              | 300 | 2x100 | 395 | 111 | 255x200 | 210x160 | 16 | 5600 |
| W1260/3/400                 | W1260/F3/400                          | W1259/3/400                | 400 | 2x100 | 495 | 107 | 255x200 | 210x160 | 16 | 7000 |

Härte ca. 95 Shore A° / hardness abt. 95 Shore A°



Schwerlastrollen  
Heavy duty castors

## Hamburger Theater- rollen

**Rad:** Radkörper aus Aluminium  
**Gehäuse:**

Stahlblech, verzinkt mit doppelter Kugellagerung im Gabelkopf, Radachse verschraubt. Feststeller mit Doppelstop.

## Hamburger theatre

### castors

**Wheel:** Wheel centre out of aluminium.

**Housing:** Sheet steel housing, with twin ball bearing in the fork head. Lock with double stop.



| Lenkrolle<br>Swivel castors<br>Code: | Lenkrolle Stop<br>Swivel castors lock<br>Code: | Bockrolle<br>Fixed castors<br>Code: | Lenkrolle R-Stop<br>Swivel castor R-lock<br>Code: | mm  | mm | mm  | mm | mm      | mm     | mm   | mm  | Kg |
|--------------------------------------|--|-------------------------------------|---|-----|----|-----|----|---------|--------|------|-----|----|
| W69340/3/50/3/FL                     | W69340/F/3/50/3/FL                             | -                                   | -   | 50  | 40 | 72  | 30 | 60x60   | 46x46  | 6,2  | 80  |    |
| W6941/3/50/FL                        | -  | -                                   | -   | 50  | 40 | 72  | 33 | 95x70   | 60x50  | 8,2  | 100 |    |
| W6941/3/65/MP4/FL                    | -  | W6939/3/65/MP4/FL                   | -   | 65  | 30 | 101 | 47 | 100x84  | 80x60  | 9    | 150 |    |
| W6941/3/65/MP4/BA                    | -  | W6939/3/65/MP4/BA                   | -   | 65  | 30 | 101 | 47 | 100x84  | 80x60  | 9    | 150 |    |
| W6941/3/65/LMFL                      | -  | W6939/3/65/LMFL                     | -   | 65  | 30 | 110 | 37 | 100x80  | 80x60  | 9    | 130 |    |
| W6941/3/65/LMBA                      | -  | W6939/3/65/LMBA                     | -   | 65  | 30 | 110 | 37 | 100x80  | 80x60  | 9    | 130 |    |
| W6941/3/80/FL                        | W6941/F/3/80/FL                                | W6939/3/80/FL                       | W6941/R/3/80/FL                                   | 80  | 30 | 108 | 32 | 105x80  | 80x60  | 9    | 150 |    |
| W6941/3/80/BA                        | W6941/F/3/80/BA                                | W6939/3/80/BA                       | W6941/R/3/80/BA                                   | 80  | 30 | 108 | 32 | 105x80  | 80x60  | 9    | 150 |    |
| W6941/3/80/SO/FL                     | W6941/F/3/80/SO/FL                             | W6939/3/80/SO/FL                    | W6941/R/3/80/SO/FL                                | 80  | 30 | 100 | 32 | 105x80  | 80x60  | 9    | 150 |    |
| W6941/3/80/SO/BA                     | W6941/F/3/80/SO/BA                             | W6939/3/80/SO/BA                    | W6941/R/3/80/SO/BA                                | 80  | 30 | 100 | 32 | 105x80  | 80x60  | 9    | 150 |    |
| W6941/3/80/MP4/FL                    | W6941/F/3/80/MP4/FL                            | W6939/3/80/MP4/FL                   | W6941/R/3/80/MP4/FL                               | 80  | 30 | 108 | 32 | 105x80  | 80x60  | 9    | 200 |    |
| W6941/3/80/MP4/BA                    | W6941/F/3/80/MP4/BA                            | W6939/3/80/MP4/BA                   | W6941/R/3/80/MP4/BA                               | 80  | 30 | 108 | 32 | 105x80  | 80x60  | 9    | 200 |    |
| W6941/3/80/1/FL                      | W6941/F/3/80/1/FL                              | W6939/3/80/1/FL                     | W6941/R/3/80/1/FL                                 | 80  | 40 | 115 | 48 | 135x110 | 105x80 | 10,5 | 250 |    |
| W6941/3/80/1/BA                      | W6941/F/3/80/1/BA                              | W6939/3/80/1/BA                     | W6941/R/3/80/1/BA                                 | 80  | 40 | 115 | 48 | 135x110 | 105x80 | 10,5 | 250 |    |
| W6941/3/100/FL                       | W6941/F/3/100/FL                               | W6939/3/100/FL                      | W6941/R/3/100/FL                                  | 100 | 40 | 125 | 48 | 135x110 | 105x80 | 10,5 | 280 |    |
| W6941/3/100/BA                       | W6941/F/3/100/BA                               | W6939/3/100/BA                      | W6941/R/3/100/BA                                  | 100 | 40 | 125 | 48 | 135x110 | 105x80 | 10,5 | 280 |    |
| W6941/3/100/P5/FL                    | W6941/F/3/100/P5/FL                            | W6939/3/100/P5/FL                   | W6941/R/3/100/P5/FL                               | 100 | 40 | 135 | 47 | 100x84  | 80x60  | 9    | 350 |    |
| W6941/3/100/P5/BA                    | W6941/F/3/100/P5/BA                            | W6939/3/100/P5/BA                   | W6941/R/3/100/P5/BA                               | 100 | 40 | 135 | 47 | 100x84  | 80x60  | 9    | 350 |    |
| W6941/3/125/P5/FL                    | W6941/F/3/125/P5/FL                            | W6939/3/125/P5/FL                   | W6941/R/3/125/P5/FL                               | 125 | 45 | 162 | 51 | 100x84  | 80x60  | 9    | 450 |    |
| W6941/3/125/P5/BA                    | W6941/F/3/125/P5/BA                            | W6939/3/125/P5/BA                   | W6941/R/3/125/P5/BA                               | 125 | 45 | 162 | 51 | 100x84  | 80x60  | 9    | 450 |    |
| W6941/3/125/P6/FL                    | W6941/F/3/125/P6/FL                            | W6939/3/125/P6/FL                   | W6941/R/3/125/P6/FL                               | 125 | 45 | 165 | 61 | 132x110 | 105x80 | 12   | 450 |    |
| W6941/3/125/P6/BA                    | W6941/F/3/125/P6/BA                            | W6939/3/125/P6/BA                   | W6941/R/3/125/P6/BA                               | 125 | 45 | 165 | 61 | 132x110 | 105x80 | 12   | 450 |    |
| W6941/3/150/P6/FL                    | W6941/F/3/150/P6/FL                            | W6939/3/150/P6/FL                   | W6941/R/3/150/P6/FL                               | 150 | 50 | 195 | 60 | 132x110 | 105x80 | 12   | 600 |    |
| W6941/3/150/P6/BA                    | W6941/F/3/150/P6/BA                            | W6939/3/150/P6/BA                   | W6941/R/3/150/P6/BA                               | 150 | 50 | 195 | 60 | 132x110 | 105x80 | 12   | 600 |    |
| W6941/3/150/LMFL                     | W6941/F/3/150/LMFL                             | W6939/3/150/LMFL                    | W6941/R/3/150/LMFL                                | 150 | 50 | 204 | 45 | 135x110 | 105x80 | 11   | 600 |    |
| W6941/3/150/LMBA                     | W6941/F/3/150/LMBA                             | W6939/3/150/LMBA                    | W6941/R/3/150/LMBA                                | 150 | 50 | 204 | 45 | 135x110 | 105x80 | 11   | 600 |    |
| W6941/3/175/LMBA                     | W6941/F/3/175/LMBA                             | W6939/3/175/LMBA                    | W6941/R/3/175/LMBA                                | 175 | 50 | 225 | 57 | 140x110 | 105x80 | 11   | 650 |    |
| W6941/3/180/LMFL                     | W6941/F/3/180/LMFL                             | W6939/3/180/LMFL                    | W6941/R/3/180/LMFL                                | 180 | 50 | 228 | 57 | 135x110 | 105x80 | 12,5 | 700 |    |
| W6941/3/180/LMBA                     | W6941/F/3/180/LMBA                             | W6939/3/180/LMBA                    | W6941/R/3/180/LMBA                                | 180 | 50 | 228 | 57 | 135x110 | 105x80 | 12,5 | 700 |    |
| W6941/3/200/LMFL                     | W6941/F/3/200/LMFL                             | W6939/3/200/LMFL                    | W6941/R/3/200/LMFL                                | 200 | 50 | 251 | 57 | 135x110 | 105x80 | 12,5 | 800 |    |
| W6941/3/200/LMBA                     | W6941/F/3/200/LMBA                             | W6939/3/200/LMBA                    | W6941/R/3/200/LMBA                                | 200 | 50 | 251 | 57 | 135x110 | 105x80 | 12,5 | 800 |    |
| W6941/3/200/P6/FL                    | W6941/F/3/200/P6/FL                            | W6939/3/200/P6/FL                   | W6941/R/3/200/P6/FL                               | 200 | 50 | 243 | 59 | 132x110 | 105x80 | 12   | 700 |    |
| W6941/3/200/P6/BA                    | W6941/F/3/200/P6/BA                            | W6939/3/200/P6/BA                   | W6941/R/3/200/P6/BA                               | 200 | 50 | 243 | 59 | 132x110 | 105x80 | 12   | 700 |    |

Härte ca. 92 Shore A° / hardness abt. 92 Shore A°

BA = Lauffläche ballig und FL = Lauffläche flach

R-Stop = Richtungsfeststeller

BA = round tread and FL = flat tread

R-lock = with directional lock



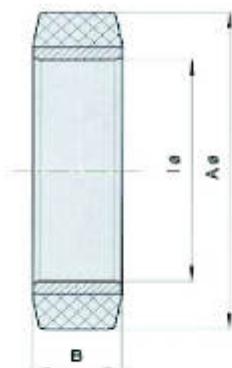
Polyurethan  
Polyurethane

Spurkranzräder auf Anfrage  
flange wheels on request



| Bandagen             | A   | B   | C     | D    | E  | F |
|----------------------|-----|-----|-------|------|----|---|
| Code:                | mm  | mm  | mm    | mm   | Kg |   |
| W30/95/50/50/VU      | 95  | 50  | 50    | 400  |    |   |
| W30/100/43/55/VU     | 100 | 43  | 55    | 240  |    |   |
| W30/125/50/75/VU     | 125 | 50  | 75    | 525  |    |   |
| W30/140/80/85/VU     | 140 | 80  | 85    | 925  |    |   |
| W30/150/75/100/VU    | 150 | 75  | 100   | 950  |    |   |
| W30/180/75/120/VU    | 180 | 75  | 120   | 1100 |    |   |
| W30/190/51/127/VU    | 190 | 51  | 127   | 775  |    |   |
| W30/200/70/75/VU     | 200 | 70  | 75    | 900  |    |   |
| W30/203/64/161,9/VU  | 203 | 64  | 161,9 | 1050 |    |   |
| W30/230/85/177,8/VU  | 230 | 85  | 177,8 | 1650 |    |   |
| W30/250/80/170/VU    | 250 | 80  | 170   | 1550 |    |   |
| W30/254/76/203,2/VU  | 254 | 76  | 203,2 | 1650 |    |   |
| W30/254/127/165,1/VU | 254 | 127 | 165,1 | 2400 |    |   |
| W30/267/127/165,1/VU | 267 | 127 | 165,1 | 2400 |    |   |
| W30/285/100/200/VU   | 285 | 100 | 200   | 2150 |    |   |
| W30/300/50/220/VU    | 300 | 50  | 220   | 1150 |    |   |
| W30/310/160/248/VU   | 310 | 160 | 248   | 4100 |    |   |
| W30/330/127/254/VU   | 330 | 127 | 254   | 3300 |    |   |
| W30/343/114/203,2/VU | 343 | 114 | 203,2 | 2400 |    |   |
| W30/406/152/254/VU   | 406 | 152 | 254   | 3600 |    |   |
| W30/406/102/308/VU   | 406 | 102 | 308   | 3000 |    |   |
| W30/406/127/343/VU   | 406 | 127 | 343   | 4300 |    |   |
| W30/415/100/305/VU   | 415 | 100 | 305   | 2900 |    |   |
| W30/430/152/308/VU   | 430 | 152 | 308   | 4400 |    |   |
| W30/457/127/308/VU   | 457 | 127 | 308   | 3500 |    |   |
| W30/457/152/308/VU   | 457 | 152 | 308   | 4200 |    |   |
| W30/457/229/308/VU   | 457 | 229 | 308   | 6300 |    |   |

teilweise mit Profil möglich (bitte erfragen) /  
tire with profile partially available (please request)



## Vulkollan Bandagen

Rad: Radkörper aus Stahl mit Vulkollanbelag.

Ausführung in Polyurethan auf Anfrage!

## Vulkollan bandages

Wheel: Wheel centre out of steel, equipped with vulkollan tyre.

Polyurethan version on request!

| Bandagen             | A   | B   | C     | D     | E  | F |
|----------------------|-----|-----|-------|-------|----|---|
| Code:                | mm  | mm  | mm    | mm    | Kg |   |
| W30/460/135/300/VU   | 460 | 135 | 300   | 3500  |    |   |
| W30/500/85/370/VU    | 500 | 85  | 370   | 2800  |    |   |
| W30/500/140/370/VU   | 500 | 140 | 370   | 4600  |    |   |
| W30/508/229/406,4/VU | 508 | 229 | 406,4 | 8400  |    |   |
| W30/520/120/370/VU   | 520 | 120 | 370   | 3800  |    |   |
| W30/530/130/410/VU   | 530 | 130 | 410   | 4700  |    |   |
| W30/533/254/406,4/VU | 533 | 254 | 406,4 | 8900  |    |   |
| W30/550/120/410/VU   | 550 | 120 | 410   | 4100  |    |   |
| W30/560/203/381/VU   | 560 | 203 | 381   | 6100  |    |   |
| W30/560/254/406,4/VU | 560 | 254 | 406,4 | 8400  |    |   |
| W30/560/254/450,8/VU | 560 | 254 | 450,8 | 10000 |    |   |
| W30/600/200/490/VU   | 600 | 200 | 490   | 8400  |    |   |
| W30/620/250/480/VU   | 620 | 250 | 480   | 9700  |    |   |
| W30/645/250/500/VU   | 645 | 250 | 500   | 9900  |    |   |
| W30/737/203/584,2/VU | 737 | 203 | 584,2 | 8900  |    |   |
| W30/750/90/640/VU    | 750 | 90  | 640   | 4700  |    |   |
| W30/800/200/716/VU   | 800 | 200 | 716   | 12300 |    |   |
| W30/800/250/716/VU   | 800 | 250 | 716   | 15400 |    |   |
| W30/920/150/770/VU   | 920 | 150 | 770   | 8300  |    |   |
| W30/960/150/770/VU   | 960 | 150 | 770   | 7300  |    |   |

VU = Vulkollan / vulkollan

PU = Polyurethan auf Anfrage / polyurethane on request

Ø 95 bis 960mm auf Anfrage möglich / ø 95 to 960mm on request

Andere Ausführungen auf Anfrage / Other versions on request

## Vulkollan- Hubwagenrollen

**Rad:** Radkörper aus Stahl mit Vulkollanbelag in 92° Shore A Härte.  
**Lagerausführungen:**  
ZZ= beidseitig mit Metallabdichtung geschlossen  
ZZV= beidseitig mit Metallabdichtung geschlossen und einseitig versetzt

## Vulkollan- lift truck wheels

**Wheel:** Wheel centre out of steel, equipped with vulkollan tyre in 92° Shore A hardness. **Ball bearing versions:** ZZ= on both sides closed with metal sealing. ZZV= on both sides closed with metal sealing and one-sided shifted.



| Wheels<br>Code:      | mm | mm  | mm | mm  | Kg  |
|----------------------|----|-----|----|-----|-----|
| W69/H/3/80/54/20/ZZ  | 80 | 54  | 20 | 54  | 400 |
| W69/H/3/80/54/20/ZV  | 80 | 54  | 20 | 60  | 400 |
| W69/H/3/80/54/25/ZZ  | 80 | 54  | 25 | 54  | 400 |
| W69/H/3/80/54/25/ZV  | 80 | 54  | 25 | 60  | 400 |
| W69/H/3/82/66/20/ZZ  | 82 | 66  | 20 | 66  | 480 |
| W69/H/3/82/66/20/ZV  | 82 | 66  | 20 | 72  | 480 |
| W69/H/3/82/66/25/ZZ  | 82 | 66  | 25 | 66  | 480 |
| W69/H/3/82/66/25/ZV  | 82 | 66  | 25 | 72  | 480 |
| W69/H/3/82/72/20/ZZ  | 82 | 72  | 20 | 72  | 540 |
| W69/H/3/82/72/20/ZV  | 82 | 72  | 20 | 78  | 540 |
| W69/H/3/82/72/25/ZZ  | 82 | 72  | 25 | 72  | 540 |
| W69/H/3/82/72/25/ZV  | 82 | 72  | 25 | 78  | 540 |
| W69/H/3/82/82/20/ZZ  | 82 | 82  | 20 | 82  | 600 |
| W69/H/3/82/82/20/ZV  | 82 | 82  | 20 | 88  | 600 |
| W69/H/3/82/82/25/ZZ  | 82 | 82  | 25 | 82  | 600 |
| W69/H/3/82/82/25/ZV  | 82 | 82  | 25 | 88  | 600 |
| W69/H/3/82/91/20/ZZ  | 82 | 91  | 20 | 91  | 680 |
| W69/H/3/82/91/20/ZV  | 82 | 91  | 20 | 97  | 680 |
| W69/H/3/82/91/25/ZZ  | 82 | 91  | 25 | 91  | 680 |
| W69/H/3/82/91/25/ZV  | 82 | 91  | 25 | 97  | 680 |
| W69/H/3/82/100/20/ZZ | 82 | 100 | 20 | 100 | 750 |
| W69/H/3/82/100/20/ZV | 82 | 100 | 20 | 106 | 750 |
| W69/H/3/82/100/25/ZZ | 82 | 100 | 25 | 100 | 750 |
| W69/H/3/82/100/25/ZV | 82 | 100 | 25 | 106 | 750 |
| W69/H/3/85/60/20/ZZ  | 85 | 60  | 20 | 60  | 450 |
| W69/H/3/85/60/20/ZV  | 85 | 60  | 20 | 66  | 450 |
| W69/H/3/85/60/25/ZZ  | 85 | 60  | 25 | 60  | 450 |
| W69/H/3/85/60/25/ZV  | 85 | 60  | 25 | 66  | 450 |
| W69/H/3/85/70/20/ZZ  | 85 | 70  | 20 | 70  | 500 |
| W69/H/3/85/70/20/ZV  | 85 | 70  | 20 | 76  | 500 |
| W69/H/3/85/70/25/ZZ  | 85 | 70  | 25 | 70  | 500 |
| W69/H/3/85/70/25/ZV  | 85 | 70  | 25 | 76  | 500 |
| W69/H/3/85/80/20/ZZ  | 85 | 80  | 20 | 80  | 600 |
| W69/H/3/85/80/20/ZV  | 85 | 80  | 20 | 86  | 600 |
| W69/H/3/85/80/25/ZZ  | 85 | 80  | 25 | 80  | 600 |
| W69/H/3/85/80/25/ZV  | 85 | 80  | 25 | 86  | 600 |
| W69/H/3/85/95/20/ZZ  | 85 | 95  | 20 | 95  | 730 |
| W69/H/3/85/95/20/ZV  | 85 | 95  | 20 | 101 | 730 |
| W69/H/3/85/95/25/ZZ  | 85 | 95  | 25 | 95  | 730 |
| W69/H/3/85/95/25/ZV  | 85 | 95  | 25 | 101 | 730 |

Varianten / Zubehör  
Versions / accessoryantistatisch  
antistaticRäder  
Wheels

## Code:



| W12/H/3/80/50/20/ZZ  | 80 | 50  | 20 | 50  | 400 |
|----------------------|----|-----|----|-----|-----|
| W12/H/3/80/50/20/ZV  | 80 | 50  | 20 | 56  | 400 |
| W12/H/3/80/50/25/ZZ  | 80 | 50  | 25 | 50  | 400 |
| W12/H/3/80/50/25/ZV  | 80 | 50  | 25 | 54  | 400 |
| W12/H/3/80/70/20/ZZ  | 80 | 70  | 20 | 70  | 450 |
| W12/H/3/80/70/20/ZV  | 80 | 70  | 20 | 76  | 450 |
| W12/H/3/80/70/25/ZZ  | 80 | 70  | 25 | 70  | 450 |
| W12/H/3/80/70/25/ZV  | 80 | 70  | 25 | 76  | 450 |
| W12/H/3/82/50/20/ZZ  | 82 | 50  | 20 | 50  | 350 |
| W12/H/3/82/50/20/ZV  | 82 | 50  | 20 | 56  | 350 |
| W12/H/3/82/50/25/ZZ  | 82 | 50  | 25 | 50  | 350 |
| W12/H/3/82/50/25/ZV  | 82 | 50  | 25 | 56  | 350 |
| W12/H/3/82/60/20/ZZ  | 82 | 60  | 20 | 60  | 450 |
| W12/H/3/82/60/20/ZV  | 82 | 60  | 20 | 66  | 450 |
| W12/H/3/82/60/25/ZZ  | 82 | 60  | 25 | 60  | 450 |
| W12/H/3/82/60/25/ZV  | 82 | 60  | 25 | 66  | 450 |
| W12/H/3/82/70/20/ZZ  | 82 | 70  | 20 | 70  | 500 |
| W12/H/3/82/70/20/ZV  | 82 | 70  | 20 | 76  | 500 |
| W12/H/3/82/70/25/ZZ  | 82 | 70  | 25 | 70  | 500 |
| W12/H/3/82/90/20/ZZ  | 82 | 90  | 20 | 90  | 650 |
| W12/H/3/82/90/20/ZV  | 82 | 90  | 20 | 96  | 650 |
| W12/H/3/82/90/25/ZZ  | 82 | 90  | 25 | 90  | 650 |
| W12/H/3/82/90/25/ZV  | 82 | 90  | 25 | 96  | 650 |
| W12/H/3/82/100/20/ZZ | 82 | 100 | 20 | 100 | 700 |
| W12/H/3/82/100/20/ZV | 82 | 100 | 20 | 106 | 700 |
| W12/H/3/82/100/25/ZZ | 82 | 100 | 25 | 100 | 700 |
| W12/H/3/82/100/25/ZV | 82 | 100 | 25 | 106 | 700 |
| W12/H/3/85/50/20/ZZ  | 85 | 50  | 20 | 50  | 350 |
| W12/H/3/85/50/20/ZV  | 85 | 50  | 20 | 56  | 350 |
| W12/H/3/85/50/25/ZZ  | 85 | 50  | 25 | 50  | 350 |
| W12/H/3/85/50/25/ZV  | 85 | 50  | 25 | 56  | 350 |
| W12/H/3/85/60/20/ZZ  | 85 | 60  | 20 | 60  | 450 |
| W12/H/3/85/60/20/ZV  | 85 | 60  | 20 | 66  | 450 |
| W12/H/3/85/60/25/ZZ  | 85 | 60  | 25 | 60  | 450 |
| W12/H/3/85/60/25/ZV  | 85 | 60  | 25 | 66  | 450 |
| W12/H/3/85/70/20/ZZ  | 85 | 70  | 20 | 70  | 500 |
| W12/H/3/85/70/20/ZV  | 85 | 70  | 20 | 76  | 500 |
| W12/H/3/85/70/25/ZZ  | 85 | 70  | 25 | 70  | 500 |
| W12/H/3/85/70/25/ZV  | 85 | 70  | 25 | 76  | 500 |

Polyurethan-  
Hubwagenrollen

**Rad:** Radkörper aus Stahl mit Polyurethanbelag in 92° - 95° Shore A Härte.

## Lagerausführungen:

ZZ= beidseitig mit Metallabdichtung geschlossen  
ZZV= beidseitig mit Metallabdichtung geschlossen und einseitig versetzt

Polyurethan-  
lift truck wheels

**Wheel:** Wheel centre out of steel, equipped with polyurethan tyre in 92° - 95° Shore A hardness.

**Ball bearing versions:** ZZ= on both sides closed with metal sealing. ZZV= on both sides closed with metal sealing and one-sided shifted.

## Polyurethan-Hubwagenrollen

**Rad:** Radkörper aus Stahl mit Polyurethanbelag in 92° - 95° Shore A Härte.

**Lagerausführungen:**  
**ZZ=** beidseitig mit Metallabdichtung geschlossen  
**ZZV=** beidseitig mit Metallabdichtung geschlossen und einseitig versetzt

## Polyurethan-lift truck wheels

**Wheel:** Wheel centre out of steel, equipped with polyurethane tire in 92° - 95° Shore A hardness. **Ball bearing versions:** ZZ= on both sides closed with metal sealing. ZZV= on both sides closed with metal sealing and one-sided shifted.

antistatisch  
antistatic



Räder  
Wheels  
Code:



|                      |    |     |    |     |     |
|----------------------|----|-----|----|-----|-----|
| W12/H/3/85/70/25/ZV  | 85 | 70  | 25 | 76  | 500 |
| W12/H/3/85/75/20/ZZ  | 85 | 75  | 20 | 75  | 575 |
| W12/H/3/85/75/20/ZV  | 85 | 75  | 20 | 81  | 575 |
| W12/H/3/85/75/25/ZZ  | 85 | 75  | 25 | 75  | 575 |
| W12/H/3/85/75/25/ZV  | 85 | 75  | 25 | 81  | 575 |
| W12/H/3/85/80/20/ZZ  | 85 | 80  | 20 | 80  | 600 |
| W12/H/3/85/80/20/ZV  | 85 | 80  | 20 | 86  | 600 |
| W12/H/3/85/80/25/ZZ  | 85 | 80  | 25 | 80  | 600 |
| W12/H/3/85/80/25/ZV  | 85 | 80  | 25 | 86  | 600 |
| W12/H/3/85/90/20/ZZ  | 85 | 90  | 20 | 90  | 700 |
| W12/H/3/85/90/20/ZV  | 85 | 90  | 20 | 96  | 700 |
| W12/H/3/85/90/25/ZZ  | 85 | 90  | 25 | 90  | 700 |
| W12/H/3/85/90/25/ZV  | 85 | 90  | 25 | 96  | 700 |
| W12/H/3/85/100/20/ZZ | 85 | 100 | 20 | 100 | 800 |
| W12/H/3/85/100/20/ZV | 85 | 100 | 20 | 106 | 800 |
| W12/H/3/85/100/25/ZZ | 85 | 100 | 25 | 100 | 800 |
| W12/H/3/85/100/25/ZV | 85 | 100 | 25 | 106 | 800 |
| W12/H/3/85/110/20/ZZ | 85 | 110 | 20 | 110 | 850 |
| W12/H/3/85/110/20/ZV | 85 | 110 | 20 | 116 | 850 |
| W12/H/3/85/110/25/ZZ | 85 | 110 | 25 | 110 | 850 |
| W12/H/3/85/110/25/ZV | 85 | 110 | 25 | 110 | 850 |
| W12/H/3/85/120/20/ZZ | 85 | 120 | 20 | 120 | 900 |
| W12/H/3/85/120/20/ZV | 85 | 120 | 20 | 126 | 900 |
| W12/H/3/85/120/25/ZZ | 85 | 120 | 25 | 120 | 900 |
| W12/H/3/85/120/25/ZV | 85 | 120 | 25 | 126 | 900 |



Schwerlastrollen  
Heavy duty castors

Lenkrolle  
Swivel castors  
Code:

**W1230/H/3/70**

**W1230/H/3/85**

Bockrolle  
Fixed castors  
Code:

**W1229/H/3/70**

**W1229/H/3/85**

PU Bereifung, Härte ca. 92 - 95 Shore A°  
PU tire, hardness abt. 92 - 95 Shore A°

|                     | mm | mm | mm  | mm | mm      | mm     | mm | Kg  |
|---------------------|----|----|-----|----|---------|--------|----|-----|
| <b>W1230/H/3/70</b> | 70 | 70 | 127 | 60 | 135x110 | 105x80 | 13 | 500 |
| <b>W1230/H/3/85</b> | 85 | 70 | 135 | 60 | 135x110 | 105x80 | 13 | 700 |



| Räder<br>Wheels   | Code: | mm | mm | mm | mm  | Kg   |
|-------------------|-------|----|----|----|-----|------|
| W0/H3/80/60/20/ZZ |       | 80 | 60 | 20 | 60  | 600  |
| W0/H3/80/60/20/ZV |       | 80 | 60 | 20 | 66  | 600  |
| W0/H3/80/60/25/ZZ |       | 80 | 60 | 25 | 60  | 600  |
| W0/H3/80/60/25/ZV |       | 80 | 60 | 25 | 66  | 600  |
| W0/H3/80/74/20/ZZ |       | 80 | 74 | 20 | 74  | 700  |
| W0/H3/80/74/20/ZV |       | 80 | 74 | 20 | 80  | 700  |
| W0/H3/80/74/25/ZZ |       | 80 | 74 | 25 | 74  | 700  |
| W0/H3/80/74/25/ZV |       | 80 | 74 | 25 | 80  | 700  |
| W0/H3/82/54/20/ZZ |       | 82 | 54 | 20 | 54  | 600  |
| W0/H3/82/54/20/ZV |       | 82 | 54 | 20 | 60  | 600  |
| W0/H3/82/54/25/ZZ |       | 82 | 54 | 25 | 54  | 600  |
| W0/H3/82/54/25/ZV |       | 82 | 54 | 25 | 60  | 600  |
| W0/H3/82/70/20/ZZ |       | 82 | 70 | 20 | 70  | 700  |
| W0/H3/82/70/20/ZV |       | 82 | 70 | 20 | 76  | 700  |
| W0/H3/82/70/25/ZZ |       | 82 | 70 | 25 | 70  | 700  |
| W0/H3/82/70/25/ZV |       | 82 | 72 | 25 | 76  | 700  |
| W0/H3/82/72/20/ZZ |       | 82 | 72 | 20 | 72  | 700  |
| W0/H3/82/72/20/ZV |       | 82 | 72 | 20 | 78  | 700  |
| W0/H3/82/72/25/ZZ |       | 82 | 72 | 25 | 72  | 700  |
| W0/H3/82/72/25/ZV |       | 82 | 72 | 25 | 78  | 700  |
| W0/H3/82/80/20/ZZ |       | 82 | 80 | 20 | 80  | 800  |
| W0/H3/82/80/20/ZV |       | 82 | 80 | 20 | 86  | 800  |
| W0/H3/82/80/25/ZZ |       | 82 | 80 | 25 | 80  | 800  |
| W0/H3/82/80/25/ZV |       | 82 | 80 | 25 | 86  | 800  |
| W0/H3/82/84/20/ZZ |       | 82 | 84 | 20 | 84  | 850  |
| W0/H3/82/84/20/ZV |       | 82 | 84 | 20 | 90  | 850  |
| W0/H3/82/84/25/ZZ |       | 82 | 84 | 25 | 84  | 850  |
| W0/H3/82/84/25/ZV |       | 82 | 84 | 25 | 90  | 850  |
| W0/H3/82/88/20/ZZ |       | 82 | 88 | 20 | 88  | 900  |
| W0/H3/82/88/20/ZV |       | 82 | 88 | 20 | 94  | 900  |
| W0/H3/82/88/25/ZZ |       | 82 | 88 | 25 | 88  | 900  |
| W0/H3/82/88/25/ZV |       | 82 | 88 | 25 | 94  | 900  |
| W0/H3/82/91/20/ZZ |       | 82 | 91 | 20 | 91  | 900  |
| W0/H3/82/91/20/ZV |       | 82 | 91 | 20 | 97  | 900  |
| W0/H3/82/91/25/ZZ |       | 82 | 91 | 25 | 91  | 900  |
| W0/H3/82/91/25/ZV |       | 82 | 91 | 25 | 97  | 900  |
| W0/H3/82/95/20/ZZ |       | 82 | 95 | 20 | 95  | 1000 |
| W0/H3/82/95/20/ZV |       | 82 | 95 | 20 | 101 | 1000 |
| W0/H3/82/95/25/ZZ |       | 82 | 95 | 25 | 95  | 1000 |
| W0/H3/82/95/25/ZV |       | 82 | 95 | 25 | 101 | 1000 |

## Polyamid- Hubwagenrollen

**Rad:** Radkörper aus Polyamid mit Kugellagerung

**Lagerausführungen:**

ZZ= beidseitig mit Metallabdichtung geschlossen  
ZZV= beidseitig mit Metallabdichtung geschlossen und einseitig versetzt

## Polyamide- lift truck wheels

**Wheel:** Wheel centre out of polyamide, ball bearing

**Ball bearing versions:**  
ZZ= on both sides closed with metal sealing. ZZV= on both sides closed with metal sealing and one-sided shifted.

## Polyamid-Hubwagenrollen

**Rad:** Radkörper aus Polyamid, Kugellagerung  
**Lagerausführungen:**  
ZZ= beidseitig mit Metallabdichtung geschlossen  
ZZV= beidseitig mit Metallabdichtung geschlossen und einseitig versetzt

## Polyamide-lift truck wheels

**Wheel:** Wheel centre out of polyamide, ball bearing  
**Ball bearing versions:**  
ZZ= on both sides closed with metal sealing, ZZV= on both sides closed with metal sealing and one-sided shifted.



Räder  
Wheels  
Code:



mm



mm



mm



mm



Kg

|                     |    |     |    |     |      |
|---------------------|----|-----|----|-----|------|
| W0/H/3/82/100/20/ZZ | 82 | 100 | 20 | 100 | 1000 |
| W0/H/3/82/100/20/ZV | 82 | 100 | 20 | 106 | 1000 |
| W0/H/3/82/100/25/ZZ | 82 | 100 | 25 | 100 | 1000 |
| W0/H/3/82/100/25/ZV | 82 | 100 | 25 | 106 | 1000 |
| W0/H/3/85/60/20/ZZ  | 85 | 60  | 20 | 60  | 750  |
| W0/H/3/85/60/20/ZV  | 85 | 60  | 20 | 66  | 750  |
| W0/H/3/85/60/25/ZZ  | 85 | 60  | 25 | 60  | 750  |
| W0/H/3/85/60/25/ZV  | 85 | 60  | 25 | 66  | 750  |
| W0/H/3/85/70/20/ZZ  | 85 | 70  | 20 | 70  | 800  |
| W0/H/3/85/70/20/ZV  | 85 | 70  | 20 | 76  | 800  |
| W0/H/3/85/70/25/ZZ  | 85 | 70  | 25 | 70  | 800  |
| W0/H/3/85/70/25/ZV  | 85 | 70  | 25 | 76  | 800  |
| W0/H/3/85/80/20/ZZ  | 85 | 80  | 20 | 80  | 850  |
| W0/H/3/85/80/20/ZV  | 85 | 80  | 20 | 86  | 850  |
| W0/H/3/85/80/25/ZZ  | 85 | 80  | 25 | 80  | 850  |
| W0/H/3/85/80/25/ZV  | 85 | 80  | 25 | 86  | 850  |
| W0/H/3/85/90/20/ZZ  | 85 | 90  | 20 | 90  | 950  |
| W0/H/3/85/90/20/ZV  | 85 | 90  | 20 | 96  | 950  |
| W0/H/3/85/90/25/ZZ  | 85 | 90  | 25 | 90  | 950  |
| W0/H/3/85/90/25/ZV  | 85 | 90  | 25 | 96  | 950  |
| W0/H/3/85/100/20/ZZ | 85 | 100 | 20 | 100 | 1100 |
| W0/H/3/85/100/20/ZV | 85 | 100 | 20 | 106 | 1100 |
| W0/H/3/85/100/25/ZZ | 85 | 100 | 25 | 100 | 1100 |
| W0/H/3/85/100/25/ZV | 85 | 100 | 25 | 106 | 1100 |



Schwerlasträder  
Heavy duty castors

Lenkrolle  
Swivel castors  
Code:

W030/H/3/70  
W030/H/3/85

Bockrolle  
Fixed castors  
Code:

W1229/H/3/70  
W1229/H/3/85

|  |  | mm | mm | mm  | mm | mm      | mm     | mm | mm  | Kg |
|--|--|----|----|-----|----|---------|--------|----|-----|----|
|  |  | 70 | 70 | 133 | 60 | 135x110 | 105x80 | 13 | 700 |    |
|  |  | 85 | 70 | 135 | 60 | 135x110 | 105x80 | 13 | 750 |    |

Gleitlager / Plain bore  
Polypropylen / polypropylene

| Räder<br>Wheels |     |    |    |    |     | H |
|-----------------|-----|----|----|----|-----|---|
| Code:           | mm  | mm | mm | mm | Kg  |   |
| W0/1/75/PPN*    | 75  | 24 | 8  | 28 | 50  |   |
| W0/1/80/PPN     | 80  | 30 | 12 | 40 | 100 |   |
| W0/1/80/S/PPN   | 80  | 34 | 12 | 40 | 150 |   |
| W0/1/100/PPN    | 100 | 32 | 12 | 40 | 180 |   |
| W0/1/100/1/PPN  | 100 | 35 | 12 | 40 | 150 |   |
| W0/1/100/S/PPN  | 100 | 34 | 12 | 40 | 200 |   |
| W0/1/108/PPN    | 108 | 34 | 12 | 40 | 150 |   |
| W0/1/125/PPN    | 125 | 34 | 15 | 48 | 200 |   |
| W0/1/125/S/PPN  | 125 | 40 | 15 | 50 | 300 |   |
| W0/1/150/PPN    | 150 | 50 | 20 | 60 | 300 |   |
| W0/1/150/S/PPN  | 150 | 45 | 20 | 60 | 450 |   |
| W0/1/200/PPN    | 200 | 50 | 20 | 60 | 400 |   |
| W0/1/200/S/PPN  | 200 | 50 | 20 | 60 | 550 |   |
| W0/1/250/S/PPN  | 250 | 60 | 25 | 75 | 700 |   |

\* = Farbe schwarz / Color black

Rollenlager / Roller bearing  
Polypropylen / polypropylene

| Räder<br>Wheels |     |    |    |    |     | H |
|-----------------|-----|----|----|----|-----|---|
| Code:           | mm  | mm | mm | mm | Kg  |   |
| W0/2/80/PPN     | 80  | 30 | 12 | 40 | 100 |   |
| W0/2/100/PPN    | 100 | 35 | 12 | 40 | 150 |   |
| W0/2/108/PPN    | 108 | 35 | 12 | 40 | 150 |   |
| W0/2/125/PPN    | 125 | 34 | 15 | 48 | 200 |   |
| W0/2/150/PPN    | 150 | 50 | 20 | 60 | 300 |   |
| W0/2/200/PPN    | 200 | 50 | 20 | 60 | 400 |   |

Kugellager / Ball bearing  
Polypropylen / polypropylene

| Code:          | mm  | mm | mm | mm | Kg  | H |
|----------------|-----|----|----|----|-----|---|
| W0/3/80/S/PPN  | 80  | 34 | 12 | 40 | 150 |   |
| W0/3/100/S/PPN | 100 | 34 | 12 | 40 | 200 |   |
| W0/3/125/S/PPN | 125 | 40 | 15 | 50 | 300 |   |
| W0/3/150/S/PPN | 150 | 45 | 20 | 60 | 450 |   |
| W0/3/200/S/PPN | 200 | 50 | 20 | 60 | 600 |   |
| W0/3/250/S/PPN | 250 | 60 | 25 | 75 | 800 |   |

## Kunststoff-Räder

Rad: Kunststoffräder aus stoß- und schlagfestem  
Polypropylen (=PP)  
Polyamid (=PA)

PP= +70°C / -20°C  
PA= +90°C / -40°C

## Plastic wheels

Wheel: Wheel centre out of polypropylene  
Polyamide (=PA)  
Polypropylene (=PP)

PP= +70°C / -20°C  
PA= +90°C / -40°C

Gleitlager / Plain bore  
Polyamid /polyamide

| Räder<br>Wheels |     |    |    |     |      | H |
|-----------------|-----|----|----|-----|------|---|
| Code:           | mm  | mm | mm | mm  | Kg   |   |
| W0/1/50/PAN*    | 50  | 18 | 8  | 21  | 50   |   |
| W0/1/50/1/PAN   | 50  | 30 | 8  | 36  | 150  |   |
| W0/1/50/2/PAN   | 50  | 40 | 8  | 44  | 80   |   |
| W0/1/65/PAN     | 65  | 30 | 12 | 40  | 100  |   |
| W0/1/75/PAN     | 75  | 24 | 8  | 28  | 60   |   |
| W0/1/80/PAN     | 80  | 30 | 12 | 40  | 150  |   |
| W0/1/80/S/PAN   | 80  | 34 | 12 | 40  | 200  |   |
| W0/1/100/PAN    | 100 | 35 | 12 | 40  | 200  |   |
| W0/1/100/S/PAN  | 100 | 34 | 12 | 40  | 300  |   |
| W0/1/100/1/PAN  | 100 | 40 | 15 | 48  | 400  |   |
| W0/1/100/2/PAN  | 100 | 50 | 15 | 60  | 600  |   |
| W0/1/108/PAN    | 108 | 34 | 12 | 40  | 200  |   |
| W0/1/115/PAN    | 115 | 35 | 15 | 40  | 300  |   |
| W0/1/125/PAN    | 125 | 40 | 15 | 48  | 250  |   |
| W0/1/125/1/PAN  | 125 | 43 | 20 | 58  | 400  |   |
| W0/1/125/2/PAN  | 125 | 50 | 15 | 60  | 700  |   |
| W0/1/125/S/PAN  | 125 | 40 | 15 | 50  | 400  |   |
| W0/1/150/PAN    | 150 | 40 | 20 | 50  | 350  |   |
| W0/1/150/1/PAN  | 150 | 50 | 20 | 60  | 450  |   |
| W0/1/150/2/PAN  | 150 | 43 | 20 | 58  | 500  |   |
| W0/1/150/3/PAN  | 150 | 50 | 20 | 60  | 800  |   |
| W0/1/150/S/PAN  | 150 | 45 | 20 | 60  | 700  |   |
| W0/1/160/PAN    | 160 | 40 | 20 | 58  | 375  |   |
| W0/1/160/1/PAN  | 160 | 50 | 20 | 60  | 850  |   |
| W0/1/175/PAN    | 175 | 45 | 20 | 50  | 400  |   |
| W0/1/175/2/PAN  | 175 | 45 | 20 | 58  | 400  |   |
| W0/1/200/PAN    | 200 | 40 | 20 | 50  | 450  |   |
| W0/1/200/1/PAN  | 200 | 50 | 20 | 60  | 550  |   |
| W0/1/200/2/PAN  | 200 | 50 | 20 | 60  | 1200 |   |
| W0/1/200/S/PAN  | 200 | 50 | 20 | 60  | 1000 |   |
| W0/1/250/PAN    | 250 | 50 | 25 | 58  | 800  |   |
| W0/1/250/1/PAN  | 250 | 50 | 25 | 60  | 1200 |   |
| W0/1/250/S/PAN  | 250 | 60 | 25 | 75  | 1300 |   |
| W0/1/300/PAN    | 300 | 60 | 30 | 140 | 2000 |   |

\* = Farbe schwarz / Color black

## Polyamid-Räder

Rad: Kunststoffräder aus stoß- und schlagfestem Polyamid (=PA).

PA= +90°C / -40°C

## Polyamide wheels

Wheel: Wheel centre out of polyamide (=PA).

PA= +90°C / -40°C



Rollenlager / Roller bearing  
Polyamid / polyamide

| Räder<br>Wheels<br>Code: | mm  | mm | mm | mm | Kg  |  |
|--------------------------|-----|----|----|----|-----|--|
| W0/2/65/PAN              | 65  | 30 | 12 | 40 | 100 |  |
| W0/2/80/PAN              | 80  | 30 | 12 | 40 | 150 |  |
| W0/2/100/PAN             | 100 | 35 | 12 | 40 | 200 |  |
| W0/2/100/1/PAN           | 100 | 40 | 15 | 48 | 400 |  |
| W0/2/108/PAN             | 108 | 35 | 12 | 40 | 200 |  |
| W0/2/125/PAN             | 125 | 40 | 12 | 48 | 250 |  |
| W0/2/125/1/PAN           | 125 | 34 | 15 | 48 | 250 |  |
| W0/2/125/2/PAN           | 125 | 43 | 20 | 58 | 400 |  |
| W0/2/150/PAN             | 150 | 50 | 20 | 60 | 450 |  |
| W0/2/150/1/PAN           | 150 | 40 | 12 | 50 | 300 |  |
| W0/2/150/2/PAN           | 150 | 43 | 20 | 58 | 500 |  |
| W0/2/160/PAN             | 160 | 40 | 12 | 50 | 325 |  |
| W0/2/175/PAN             | 175 | 45 | 15 | 58 | 450 |  |
| W0/2/175/1/PA            | 175 | 45 | 12 | 50 | 350 |  |
| W0/2/200/PAN             | 200 | 50 | 20 | 60 | 550 |  |
| W0/2/200/1/PAN           | 200 | 40 | 12 | 50 | 350 |  |
| W0/2/250/PAN             | 250 | 50 | 25 | 58 | 700 |  |



Kugellager / Ball bearing  
Polyamid / polyamide

| Räder<br>Wheels<br>Code: | mm  | mm | mm | mm | Kg  |  |
|--------------------------|-----|----|----|----|-----|--|
| W0/3/80/12/PAN           | 80  | 32 | 12 | 33 | 500 |  |
| W0/3/80/S/PAN            | 80  | 34 | 12 | 40 | 200 |  |
| W0/3/100/PAN             | 100 | 40 | 15 | 48 | 350 |  |
| W0/3/100/1/PAN           | 100 | 50 | 20 | 60 | 600 |  |
| W0/3/100/S/PAN           | 100 | 34 | 12 | 40 | 300 |  |
| W0/3/125/PAN             | 125 | 43 | 20 | 54 | 400 |  |
| W0/3/125/1/PAN           | 125 | 45 | 15 | 50 | 500 |  |
| W0/3/125/2/PAN           | 125 | 50 | 20 | 60 | 700 |  |
| W0/3/125/S/PAN           | 125 | 40 | 15 | 50 | 400 |  |
| W0/3/150/PAN             | 150 | 43 | 20 | 54 | 500 |  |
| W0/3/150/1/PAN           | 150 | 50 | 20 | 60 | 700 |  |
| W0/3/150/2/PAN           | 150 | 50 | 20 | 60 | 800 |  |



Kugellager / Ball bearing  
Polyamid / polyamide

| Räder<br>Wheels<br>Code: | mm  | mm | mm | mm | Kg   |  |
|--------------------------|-----|----|----|----|------|--|
| W0/3/150/S/PAN           | 150 | 45 | 20 | 60 | 700  |  |
| W0/3/160/PAN             | 160 | 50 | 20 | 60 | 850  |  |
| W0/3/175/PAN             | 175 | 45 | 20 | 50 | 850  |  |
| W0/3/175/1/PAN           | 175 | 48 | 20 | 60 | 500  |  |
| W0/3/200/PAN             | 200 | 50 | 20 | 60 | 800  |  |
| W0/3/200/1/PAN           | 200 | 50 | 20 | 60 | 1100 |  |
| W0/3/200/2/PAN           | 200 | 50 | 20 | 54 | 500  |  |
| W0/3/200/S/PAN           | 200 | 50 | 20 | 60 | 1000 |  |
| W0/3/250/PAN             | 250 | 50 | 25 | 54 | 800  |  |
| W0/3/250/S/PAN           | 250 | 60 | 25 | 75 | 1300 |  |
| W0/3/300/PAN             | 300 | 60 | 25 | 75 | 2000 |  |



Vollrad /  
Kugellager / Ball bearing  
Polyamid / polyamide

| Räder<br>Wheels<br>Code: | mm  | mm  | mm | mm  | Kg    |  |
|--------------------------|-----|-----|----|-----|-------|--|
| W0/3/80/GPN              | 80  | 40  | 20 | 45  | 1000  |  |
| W0/3/100/GPN             | 100 | 40  | 20 | 45  | 1250  |  |
| W0/3/100/1/PN            | 100 | 50  | 20 | 60  | 1400  |  |
| W0/3/125/GPN             | 125 | 55  | 25 | 60  | 2000  |  |
| W0/3/125/1/PN            | 125 | 50  | 25 | 60  | 1700  |  |
| W0/3/150/GPN             | 150 | 55  | 30 | 60  | 2500  |  |
| W0/3/150/1/PN            | 150 | 50  | 30 | 60  | 2100  |  |
| W0/3/150/2/GPN           | 150 | 80  | 35 | 90  | 3000  |  |
| W0/3/160/PN              | 160 | 50  | 30 | 60  | 2250  |  |
| W0/3/200/GPN             | 200 | 55  | 35 | 60  | 3000  |  |
| W0/3/200/1/GPN           | 200 | 80  | 45 | 90  | 4500  |  |
| W0/3/200/2/PN            | 200 | 50  | 35 | 60  | 2800  |  |
| W0/3/250/GPN             | 250 | 65  | 45 | 70  | 5000  |  |
| W0/3/250/1/GPN           | 250 | 80  | 50 | 90  | 6000  |  |
| W0/3/250/2/PN            | 250 | 50  | 40 | 60  | 3500  |  |
| W0/3/300/GPN             | 300 | 80  | 55 | 90  | 7000  |  |
| W0/3/300/1/GPN           | 300 | 110 | 70 | 120 | 10000 |  |
| W0/3/400/GPN             | 400 | 110 | 80 | 120 | 12000 |  |

Mit Gehäusen auf Anfrage  
With castors on request



| Lenkrolle<br>Swivel castors | Lenkrolle Stop<br>Swivel castors lock | Bockrolle<br>Fixed castors |     |    |     |    |         |        |    |     |  |  |
|-----------------------------|---------------------------------------|----------------------------|-----|----|-----|----|---------|--------|----|-----|--|--|
| Code:<br>W041/1/80/PPN      | Code:<br>W041/F/1/80/PPN              | Code:<br>W039/1/80/PPN     | 80  | 30 | 105 | 36 | 105x80  | 80x60  | 9  | 100 |  |  |
| W041/2/80/PPN               | W041/F/2/80/PPN                       | W039/2/80/PPN              | 80  | 30 | 105 | 36 | 105x80  | 80x60  | 9  | 100 |  |  |
| W041/3/80/S/PPN             | W041/F/3/80/S/PPN                     | W039/3/80/S/PPN            | 80  | 34 | 105 | 36 | 105x80  | 80x60  | 9  | 150 |  |  |
| W041/1/100/PPN              | W041/F/1/100/PPN                      | W039/1/100/PPN             | 100 | 32 | 128 | 36 | 105x80  | 80x60  | 9  | 180 |  |  |
| W041/2/100/PPN              | W041/F/2/100/PPN                      | W039/2/100/PPN             | 100 | 35 | 128 | 36 | 105x80  | 80x60  | 9  | 150 |  |  |
| W041/3/100/S/PPN            | W041/F/3/100/S/PPN                    | W039/3/100/S/PPN           | 100 | 34 | 128 | 36 | 105x80  | 80x60  | 9  | 200 |  |  |
| W041/1/125/PPN              | W041/F/1/125/PPN                      | W039/1/125/PPN             | 125 | 34 | 155 | 36 | 105x80  | 80x60  | 9  | 200 |  |  |
| W041/2/125/PPN              | W041/F/2/125/PPN                      | W039/2/125/PPN             | 125 | 34 | 155 | 36 | 105x80  | 80x60  | 9  | 200 |  |  |
| W041/3/125/S/PPN            | W041/F/3/125/S/PPN                    | W039/3/125/S/PPN           | 125 | 40 | 155 | 36 | 105x80  | 80x60  | 9  | 225 |  |  |
| W041/1/150/PPN              | W041/F/1/150/PPN                      | W039/1/150/PPN             | 150 | 50 | 195 | 52 | 135x110 | 105x80 | 11 | 300 |  |  |
| W041/2/150/PPN              | W041/F/2/150/PPN                      | W039/2/150/PPN             | 150 | 50 | 195 | 52 | 135x110 | 105x80 | 11 | 300 |  |  |
| W041/3/150/S/PPN            | W041/F/3/150/S/PPN                    | W039/3/150/S/PPN           | 150 | 45 | 195 | 52 | 135x110 | 105x80 | 11 | 350 |  |  |
| W041/1/200/PPN              | W041/F/1/200/PPN                      | W039/1/200/PPN             | 200 | 50 | 235 | 54 | 138x109 | 105x80 | 11 | 350 |  |  |
| W041/2/200/PPN              | W041/F/2/200/PPN                      | W039/2/200/PPN             | 200 | 50 | 235 | 54 | 138x109 | 105x80 | 11 | 350 |  |  |
| W041/3/200/S/PPN            | W041/F/3/200/S/PPN                    | W039/3/200/S/PPN           | 200 | 50 | 235 | 54 | 138x109 | 105x80 | 11 | 350 |  |  |
| W041/1/250/S/PPN            | W041/F/1/250/S/PPN                    | W039/1/250/S/PPN           | 250 | 60 | 290 | 66 | 135x110 | 105x80 | 11 | 400 |  |  |
| W041/3/250/S/PPN            | W041/F/3/250/S/PPN                    | W039/3/250/S/PPN           | 250 | 60 | 290 | 66 | 135x110 | 105x80 | 11 | 400 |  |  |

Varianten / Zubehör  
Versions / accessory

| Lenkrolle<br>Swivel castors | Lenkrolle Stop<br>Swivel castors lock | Bockrolle<br>Fixed castors |     |    |     |    |    |  |  |  |     |  |
|-----------------------------|---------------------------------------|----------------------------|-----|----|-----|----|----|--|--|--|-----|--|
| Code:<br>W041/1/80/1/PPN    | Code:<br>W041/F/1/80/1/PPN            | -                          | 80  | 30 | 108 | 32 | 12 |  |  |  | 100 |  |
| W041/2/80/1/PPN             | W041/F/2/80/1/PPN                     | -                          | 80  | 30 | 108 | 32 | 12 |  |  |  | 100 |  |
| W041/3/80/1/S/PPN           | W041/F/3/80/1/S/PPN                   | -                          | 80  | 34 | 108 | 32 | 12 |  |  |  | 120 |  |
| W041/1/100/1/PPN            | W041/F/1/100/1/PPN                    | -                          | 100 | 32 | 128 | 32 | 12 |  |  |  | 150 |  |
| W041/2/100/1/PPN            | W041/F/2/100/1/PPN                    | -                          | 100 | 35 | 128 | 32 | 12 |  |  |  | 150 |  |
| W041/3/100/1/S/PPN          | W041/F/3/100/1/S/PPN                  | -                          | 100 | 34 | 128 | 32 | 12 |  |  |  | 150 |  |
| W041/1/125/1/PPN            | W041/F/1/125/1/PPN                    | -                          | 125 | 34 | 155 | 32 | 12 |  |  |  | 200 |  |
| W041/2/125/1/PPN            | W041/F/2/125/1/PPN                    | -                          | 125 | 34 | 155 | 32 | 12 |  |  |  | 200 |  |
| W041/3/125/1/S/PPN          | W041/F/3/125/1/S/PPN                  | -                          | 125 | 40 | 155 | 32 | 12 |  |  |  | 200 |  |
| W041/1/150/1/PPN            | W041/F/1/150/1/PPN                    | -                          | 150 | 50 | 197 | 52 | 12 |  |  |  | 300 |  |
| W041/2/150/1/PPN            | W041/F/2/150/1/PPN                    | -                          | 150 | 50 | 197 | 52 | 12 |  |  |  | 300 |  |
| W041/3/150/1/S/PPN          | W041/F/3/150/1/S/PPN                  | -                          | 150 | 45 | 197 | 52 | 12 |  |  |  | 300 |  |
| W041/1/200/1/PPN            | W041/F/1/200/1/PPN                    | -                          | 200 | 50 | 240 | 49 | 12 |  |  |  | 350 |  |
| W041/2/200/1/PPN            | W041/F/2/200/1/PPN                    | -                          | 200 | 50 | 240 | 49 | 12 |  |  |  | 350 |  |
| W041/3/200/1/S/PPN          | W041/F/3/200/1/S/PPN                  | -                          | 200 | 50 | 240 | 49 | 12 |  |  |  | 350 |  |

Mit Polyamidrädern (PA) auf Anfrage möglich  
With polyamide wheels (PA) on request

**Kunststoff-Rollen**

**Rad:** Radkörper aus Polypropylen (PP).  
**Gehäuse:** Stahlblech, verzinkt mit doppelter Kugellagerung im Gabelkopf, Radachse verschraubt. Feststeller mit Doppelstop.

**Plastic castors**

**Wheel:** Wheel centre out of polypropylene (PP).  
**Housing:** Sheet steel housing, glossy zinc-plated, with twin ball bearing in the fork head. Wheel axle screwed. Lock with double stop.

## Polyamid Rollen

**Rad:** Radkörper aus Polyamid (PA).  
**Gehäuse:** Stahlblech, verzinkt mit doppelter Kugellagerung im Gabelkopf, Radachse verschraubt. Feststeller mit Doppelstop.

## Polyamid castors

**Wheel:** Wheel centre out of polyamide (PA).  
**Housing:** Sheet steel housing, glossy zinc-plated, with twin ball bearing in the fork head. Wheel axle screwed. Lock with double stop.



| Lenkrolle<br>Swivel castors<br>Code: | Lenkrolle Stop<br>Swivel castors lock<br>Code: | Bockrolle<br>Fixed castors<br>Code: |     |    |     |    |         |        |      |     |   |  |
|--------------------------------------|--|-------------------------------------|-----|----|-----|----|---------|--------|------|-----|---|--|
| W041/1/80/PAN                        | W041/F/1/80/PAN                                | W039/1/80/PAN                       | 80  | 30 | 105 | 36 | 105x80  | 80x60  | 9    | 150 |   |  |
| W041/2/80/PAN                        | W041/F/2/80/PAN                                | W039/2/80/PAN                       | 80  | 30 | 105 | 36 | 105x80  | 80x60  | 9    | 150 |   |  |
| W041/3/80/S/PAN                      | W041/F/3/80/S/PAN                              | W039/3/80/S/PAN                     | 80  | 34 | 105 | 36 | 105x80  | 80x60  | 9    | 200 |   |  |
| W041/1/100/PAN                       | W041/F/1/100/PAN                               | W039/1/100/PAN                      | 100 | 35 | 128 | 36 | 105x80  | 80x60  | 9    | 200 |   |  |
| W041/1/100x40/PAN                    | W041/F/1/100x40/PAN                            | W039/1/100x40/PAN                   | 100 | 40 | 125 | 48 | 135x110 | 105x80 | 10,5 | 300 |   |  |
| W041/2/100/PAN                       | W041/F/2/100/PAN                               | W039/2/100/PAN                      | 100 | 35 | 128 | 36 | 105x80  | 80x60  | 9    | 200 |   |  |
| W041/2/100x40/PAN                    | W041/F/2/100x40/PAN                            | W039/2/100x40/PAN                   | 100 | 40 | 125 | 48 | 135x110 | 105x80 | 10,5 | 300 |   |  |
| W041/3/100/PAN                       | W041/F/3/100/PAN                               | W039/3/100/PAN                      | 100 | 35 | 128 | 36 | 105x80  | 80x60  | 9    | 200 |   |  |
| W041/3/100x35/PAN                    | W041/F/3/100x35/PAN                            | W039/3/100x35/PAN                   | 100 | 35 | 125 | 48 | 135x110 | 105x80 | 10,5 | 300 |   |  |
| W041/1/125/PAN                       | W041/F/1/125/PAN                               | W039/1/125/PAN                      | 125 | 40 | 155 | 36 | 105x80  | 80x60  | 9    | 200 |   |  |
| W041/1/125x40/PAN                    | W041/F/1/125x40/PAN                            | W039/1/125/S/PAN                    | 125 | 40 | 155 | 40 | 135x110 | 105x80 | 10,5 | 250 |   |  |
| W041/2/125/PAN                       | W041/F/2/125/PAN                               | W039/2/125/PAN                      | 125 | 40 | 155 | 36 | 105x80  | 80x60  | 9    | 200 |   |  |
| W041/2/125x40/PAN                    | W041/F/2/125x40/PAN                            | W039/2/125/S/PAN                    | 125 | 40 | 155 | 40 | 135x110 | 105x80 | 10,5 | 250 |   |  |
| W041/3/125/S/PAN                     | W041/F/3/125/S/PAN                             | W039/3/125/PAN                      | 125 | 40 | 155 | 36 | 105x80  | 80x60  | 9    | 225 |   |  |
| W041/3/125x40/S/PAN                  | W041/F/3/125x40/S/PAN                          | W039/3/125x40/S/PAN                 | 125 | 40 | 155 | 40 | 135x110 | 105x80 | 10,5 | 250 |   |  |
| W041/1/150/PAN                       | W041/F/1/150/PAN                               | W039/1/150/PAN                      | 150 | 40 | 190 | 52 | 135x110 | 105x80 | 11   | 350 |   |  |
| W041/2/150/PAN                       | W041/F/2/150/PAN                               | W039/2/150/PAN                      | 150 | 50 | 190 | 52 | 135x110 | 105x80 | 11   | 350 |   |  |
| W041/3/150/PAN                       | W041/F/3/150/PAN                               | W039/3/150/PAN                      | 150 | 43 | 190 | 52 | 135x110 | 105x80 | 11   | 350 |   |  |
| W041/1/160/PAN                       | W041/F/1/160/PAN                               | W039/1/160/PAN                      | 160 | 40 | 195 | 52 | 135x110 | 105x80 | 11   | 350 |   |  |
| W041/2/160/PAN                       | W041/F/2/160/PAN                               | W039/2/160/PAN                      | 160 | 40 | 195 | 52 | 135x110 | 105x80 | 11   | 350 |   |  |
| W041/3/160/PAN                       | W041/F/3/160/PAN                               | W039/3/160/PAN                      | 160 | 50 | 195 | 52 | 135x110 | 105x80 | 11   | 350 |   |  |
| W041/1/175/PAN                       | W041/F/1/175/PAN                               | W039/1/175/PAN                      | 175 | 45 | 215 | 52 | 138x109 | 105x80 | 11   | 350 |   |  |
| W041/2/175/PAN                       | W041/F/2/175/PAN                               | W039/2/175/PAN                      | 175 | 45 | 215 | 52 | 138x109 | 105x80 | 11   | 350 |   |  |
| W041/3/175/PAN                       | W041/F/3/175/PAN                               | W039/3/175/PAN                      | 175 | 45 | 215 | 52 | 138x110 | 105x80 | 11   | 350 |   |  |
| W041/1/200/PAN                       | W041/F/1/200/PAN                               | W039/1/200/PAN                      | 200 | 50 | 235 | 54 | 135x110 | 105x80 | 11   | 350 |   |  |
| W041/2/200/PAN                       | W041/F/2/200/PAN                               | W039/2/200/PAN                      | 200 | 50 | 235 | 54 | 135x110 | 105x80 | 11   | 350 |   |  |
| W041/3/200/PAN                       | W041/F/3/200/PAN                               | W039/3/200/PAN                      | 200 | 50 | 235 | 54 | 135x110 | 105x80 | 11   | 350 |   |  |
| W041/1/250/PAN                       | W041/F/1/250/PAN                               | W039/1/250/PAN                      | 250 | 50 | 290 | 66 | 135x110 | 105x80 | 11   | 400 |   |  |
| W041/2/250/PAN                       | W041/F/2/250/PAN                               | W039/2/250/PAN                      | 250 | 50 | 290 | 66 | 135x110 | 105x80 | 11   | 400 |   |  |
| W041/3/250/PAN                       | W041/F/3/250/PAN                               | W039/3/250/PAN                      | 250 | 60 | 290 | 66 | 135x110 | 105x80 | 11   | 400 | H |  |



## Container-Rollen

**Rad:** Radkörper aus Polyamid (PA).  
**Gehäuse:** Stahlblech, verzinkt mit doppelter Kugellagerung im Gabelkopf, Radachse verschraubt.

## Container castors

**Wheel:** Wheel centre out of polyamide (PA).  
**Housing:** Sheet steel housing, glossy zinc-plated, with twin ball bearing in the fork head. Wheel axle screwed.



Lenkrolle  
Swivel castors  
Code:

W041/2/100/FA-KL/PAN

Bockrolle  
Fixed castors  
Code:

W039/2/100/FA-KL/PAN

Lenkrolle  
Swivel castors  
Code:

W041/2/100/FA-KL/PAS

Bockrolle  
Fixed castors  
Code:

W039/2/100/FA-KL/PAS

| mm  | mm | mm  | mm | mm     | mm    | mm | mm  | Kg | H |
|-----|----|-----|----|--------|-------|----|-----|----|---|
| 100 | 32 | 125 | 36 | 105x80 | 80x60 | 9  | 200 |    |   |

Weitere Version: Polypropylen (PP) Räder / Gleitlagerausführung / Rad ø 125mm / großer Fadenschutz

Available versions: Polypropylene (PP) wheels / plain bore / wheel ø 125mm / large threadguard



Lenkrolle  
Swivel castors  
Code:

W041/2/108/FA-KL/PAN

Bockrolle  
Fixed castors  
Code:

W039/2/108/FA-KL/PAN

Lenkrolle  
Swivel castors  
Code:

W041/2/108/FA-KL/PAS

Bockrolle  
Fixed castors  
Code:

W039/2/108/FA-KL/PAS

| mm  | mm | mm  | mm | mm     | mm    | mm | mm  | Kg | H |
|-----|----|-----|----|--------|-------|----|-----|----|---|
| 108 | 35 | 132 | 36 | 105x80 | 80x60 | 9  | 200 |    |   |

Weitere Version: Polypropylen (PP) Räder / Gleitlagerausführung / Rad ø 125mm / großer Fadenschutz

Available versions: Polypropylene (PP) wheels / plain bore / wheel ø 125mm / large threadguard

## Schwerlast-Polyamid Rollen

**Rad:** Radkörper aus Polyamid (PA).  
**Gehäuse:** Stahlblech, verzinkt mit doppelter Kugellagerung im Gabelkopf, Radachse verschraubt. Feststeller mit Doppelstop.

## Heavy duty polyamide castors

**Wheel:** Wheel centre out of polyamide (PA).  
**Housing:** Sheet steel housing, glossy zinc-plated, with twin ball bearing in the fork head.  
Wheel axle screwed.  
Lock with double stop.



| Lenkrolle<br>Swivel castors  | Lenkrolle Stop<br>Swivel castors lock | Bockrolle<br>Fixed castors   |          |          |           |          |              |             |         |           |  |  |
|------------------------------|---------------------------------------|------------------------------|----------|----------|-----------|----------|--------------|-------------|---------|-----------|--|--|
| Code:<br>W041/1/80/S/MP4/PAN | Code:<br>W041/F1/80/S/MP4/PAN         | Code:<br>W039/1/80/S/MP4/PAN | mm<br>80 | mm<br>34 | mm<br>108 | mm<br>47 | mm<br>100x84 | mm<br>80x60 | mm<br>9 | Kg<br>200 |  |  |
| W041/2/80/S/MP4/PAN          | W041/F2/80/S/MP4/PAN                  | W039/2/80/S/MP4/PAN          | 80       | 34       | 108       | 47       | 100x84       | 80x60       | 9       | 200       |  |  |
| W041/3/80/S/MP4/PAN          | W041/F3/80/S/MP4/PAN                  | W039/3/80/S/MP4/PAN          | 80       | 34       | 108       | 47       | 100x84       | 80x60       | 9       | 200       |  |  |
| W041/3/80/V/MP4/PAN          | W041/F3/80V/MP4/PAN                   | W039/3/80/V/MP4/PAN          | 80       | 33       | 108       | 47       | 100x84       | 80x60       | 9       | 300       |  |  |
| W041/1/100/S/MP4/PAN         | W041/F1/100/S/MP4/PAN                 | W039/1/100/S/MP4/PAN         | 100      | 34       | 128       | 47       | 100x84       | 80x60       | 9       | 300       |  |  |
| W041/2/100/S/MP4/PAN         | W041/F2/100/S/MP4/PAN                 | W039/2/100/S/MP4/PAN         | 100      | 34       | 128       | 47       | 100x84       | 80x60       | 9       | 300       |  |  |
| W041/3/100/S/MP4/PAN         | W041/F3/100/S/MP4/PAN                 | W039/3/100/S/MP4/PAN         | 100      | 34       | 128       | 47       | 100x84       | 80x60       | 9       | 300       |  |  |
| W041/1/100/S/P5/PAN          | W041/F1/100/S/P5/PAN                  | W039/1/100/S/P5/PAN          | 100      | 40       | 135       | 47       | 100x84       | 80x60       | 9       | 450       |  |  |
| W041/2/100/S/P5/PAN          | W041/F2/100/S/P5/PAN                  | W039/2/100/S/P5/PAN          | 100      | 40       | 135       | 47       | 100x84       | 80x60       | 9       | 450       |  |  |
| W041/3/100/S/P5/PAN          | W041/F3/100/S/P5/PAN                  | W039/3/100/S/P5/PAN          | 100      | 40       | 135       | 47       | 100x84       | 80x60       | 9       | 450       |  |  |
| W041/1/125/S/P5/PAN          | W041/F1/125/S/P5/PAN                  | W039/1/125/S/P5/PAN          | 125      | 40       | 161       | 51       | 100x84       | 80x60       | 9       | 400       |  |  |
| W041/2/125/S/P5/PAN          | W041/F2/125/S/P5/PAN                  | W039/2/125/S/P5/PAN          | 125      | 40       | 161       | 51       | 100x84       | 80x60       | 9       | 400       |  |  |
| W041/3/125/S/P5/PAN          | W041/F3/125/S/P5/PAN                  | W039/3/125/S/P5/PAN          | 125      | 40       | 161       | 51       | 100x84       | 80x60       | 9       | 400       |  |  |
| W041/3/125/S/P6/PAN          | W041/F3/125/S/P6/PAN                  | W039/3/125/S/P6/PAN          | 125      | 50       | 164,5     | 61       | 132x110      | 105x80      | 12      | 700       |  |  |
| W041/1/150/S/P6/PAN          | W041/F1/150/S/P6/PAN                  | W039/1/150/S/P6/PAN          | 150      | 45       | 195       | 60       | 132x110      | 105x80      | 12      | 700       |  |  |
| W041/2/150/S/P6/PAN          | W041/F2/150/S/P6/PAN                  | W039/2/150/S/P6/PAN          | 150      | 45       | 195       | 60       | 132x110      | 105x80      | 12      | 700       |  |  |
| W041/3/150/S/P6/PAN          | W041/F3/150/S/P6/PAN                  | W039/3/150/S/P6/PAN          | 150      | 45       | 195       | 60       | 132x110      | 105x80      | 12      | 700       |  |  |
| W041/1/175/S/P6/PAN          | W041/F1/175/S/P6/PAN                  | W039/1/175/S/P6/PAN          | 175      | 45       | 230,5     | 59       | 132x110      | 105x80      | 12      | 400       |  |  |
| W041/2/175/S/P6/PAN          | W041/F2/175/S/P6/PAN                  | W039/2/175/S/P6/PAN          | 175      | 45       | 230,5     | 59       | 132x110      | 105x80      | 12      | 450       |  |  |
| W041/3/175/S/P6/PAN          | W041/F3/175/S/P6/PAN                  | W039/3/175/S/P6/PAN          | 175      | 45       | 230,5     | 59       | 132x110      | 105x80      | 12      | 700       |  |  |
| W041/1/200/S/P6/PAN          | W041/F1/200/S/P6/PAN                  | W039/1/200/S/P6/PAN          | 200      | 50       | 243       | 59       | 132x110      | 105x80      | 12      | 700       |  |  |
| W041/2/200/S/P6/PAN          | W041/F2/200/S/P6/PAN                  | W039/2/200/S/P6/PAN          | 200      | 50       | 243       | 59       | 132x110      | 105x80      | 12      | 700       |  |  |
| W041/3/200/S/P6/PAN          | W041/F3/200/S/P6/PAN                  | W039/3/200/S/P6/PAN          | 200      | 50       | 243       | 59       | 132x110      | 105x80      | 12      | 700       |  |  |
| W041/1/250/S/P6/PAN          | W041/F1/250/S/P6/PAN                  | W039/1/250/S/P6/PAN          | 250      | 60       | 307       | 64       | 200x160      | 160x120     | 15      | 1100      |  |  |
| W041/2/250/S/P6/PAN          | W041/F2/250/S/P6/PAN                  | W039/2/250/S/P6/PAN          | 250      | 60       | 307       | 64       | 200x160      | 160x120     | 15      | 1100      |  |  |
| W041/3/250/S/P6/PAN          | W041/F3/250/S/P6/PAN                  | W039/3/250/S/P6/PAN          | 250      | 60       | 307       | 64       | 200x160      | 160x120     | 15      | 1100      |  |  |

V= Feststeller im Vorlauf / V= Front lock

Weitere Version: Polypropylen (PP) Räder / Gleitlagerausführung  
Available versions: Polypropylene (PP) wheels / plain bore





### Schwerlast-Polyamid Rollen

**Rad:** Radkörper aus Polyamid (**PA**).  
**Gehäuse:** Stahlblech, verzinkt, Radachse verschraubt.

### Heavy duty Polyamide castors

**Wheel:** Wheel centre out of polyamide (**PA**).  
**Housing:** Sheet steel housing, glossy zinc-plated, wheel axle screwed.

| Lenkrolle<br>Swivel castors<br>Code: | Lenkrolle Stop<br>Swivel castors lock<br>Code: | Bockrolle<br>Fixed castors<br>Code: | Ø mm | Ø mm | mm  | mm | mm      | mm     | mm   | mm   | Kg |   |
|--------------------------------------|--|-------------------------------------|------|------|-----|----|---------|--------|------|------|----|---|
| W041/3/80/LMPAN                      | W041/F/3/80/LMPAN                              | W039/3/80/LMPAN                     | 80   | 34   | 117 | 36 | 100x80  | 80x60  | 8,5  | 200  |    | H |
| W041/3/100/LMPAN                     | W041/F/3/100/LMPAN                             | W039/3/100/LMPAN                    | 100  | 34   | 135 | 36 | 100x80  | 80x60  | 8,5  | 300  |    | H |
| W041/3/125/LMPAN                     | W041/F/3/125/LMPAN                             | W039/3/125/LMPAN                    | 125  | 45   | 170 | 45 | 135x110 | 105x80 | 12,5 | 500  |    | H |
| W041/3/150/LMPAN                     | W041/F/3/150/LMPAN                             | W039/3/150/LMPAN                    | 150  | 50   | 205 | 45 | 135x110 | 105x80 | 12,5 | 700  |    | H |
| W041/3/175/LMPAN                     | W041/F/3/175/LMPAN                             | W039/3/175/LMPAN                    | 175  | 45   | 225 | 57 | 135x110 | 105x80 | 12,5 | 850  |    | H |
| W041/3/200/LMPAN                     | W041/F/3/200/LMPAN                             | W039/3/200/LMPAN                    | 200  | 50   | 245 | 57 | 135x110 | 105x80 | 12,5 | 1000 |    | H |
| W041/3/250/LMPAN                     | W041/F/3/250/LMPAN                             | W039/3/250/LMPAN                    | 250  | 60   | 300 | 60 | 135x110 | 105x80 | 12,5 | 1250 |    | H |

gehärtete Lagerschalen / hardened bearing seat



Schwerlastrollen  
Heavy duty castors

| Lenkrolle<br>Swivel castors<br>Code: | Lenkrolle Stop<br>Swivel castors lock<br>Code: | Bockrolle<br>Fixed castors<br>Code: | Ø mm | Ø mm | mm  | mm | mm      | mm      | mm | mm   | Kg |   |
|--------------------------------------|--|-------------------------------------|------|------|-----|----|---------|---------|----|------|----|---|
| W030/3/80/VR                         | W030/F/3/80/VR                                 | W029/3/80/VR                        | 80   | 34   | 125 | 30 | 105x80  | 80x60   | 10 | 200  |    | H |
| W030/3/100/VR                        | W030/F/3/100/VR                                | W029/3/100/VR                       | 100  | 40   | 145 | 35 | 135x110 | 105x80  | 11 | 400  |    | H |
| W030/3/125/VR                        | W030/F/3/125/VR                                | W029/3/125/VR                       | 125  | 50   | 170 | 50 | 138x110 | 105x80  | 11 | 700  |    | H |
| W030/3/150/VR                        | W030/F/3/150/VR                                | W029/3/150/VR                       | 150  | 50   | 195 | 60 | 138x110 | 105x80  | 11 | 800  |    | H |
| W030/3/200/VR                        | W030/F/3/200/VR                                | W029/3/200/VR                       | 200  | 50   | 245 | 60 | 138x110 | 105x80  | 11 | 1300 |    | H |
| W030/3/250/VR                        | W030/F/3/250/VR                                | W029/3/250/VR                       | 250  | 50   | 295 | 70 | 138x110 | 105x80  | 11 | 1500 |    | H |
| W030/3/250/VR/1                      | W030/F/3/250/VR/1                              | W029/3/250/VR/1                     | 250  | 58   | 305 | 75 | 175x140 | 140x105 | 14 | 1700 |    | H |
| W030/3/300/VR                        | W030/F/3/300/VR                                | W029/3/300/VR                       | 300  | 60   | 355 | 75 | 200x160 | 160x120 | 16 | 2000 |    | H |



Schwerlastrollen  
Heavy duty castors

| Lenkrolle<br>Swivel castors<br>Code: | Lenkrolle Stop<br>Swivel castors lock<br>Code: | Bockrolle<br>Fixed castors<br>Code: | Ø mm | Ø mm  | mm  | mm  | mm      | mm      | mm | mm   | Kg |   |
|--------------------------------------|--|-------------------------------------|------|-------|-----|-----|---------|---------|----|------|----|---|
| W060/3/100                           | W060/F/3/100                                   | W059/3/100                          | 100  | 2x38  | 150 | 60  | 150x110 | 105x80  | 12 | 800  |    | H |
| W060/3/125                           | W060/F/3/125                                   | W059/3/125                          | 125  | 2x50  | 175 | 58  | 150x110 | 105x80  | 12 | 1100 |    | H |
| W060/3/150                           | W060/F/3/150                                   | W059/3/150                          | 150  | 2x55  | 212 | 55  | 175x140 | 140x105 | 12 | 2000 |    | H |
| W060/3/150/1                         | W060/F/3/150/1                                 | W059/3/150/1                        | 150  | 2x80  | 212 | 87  | 200x160 | 160x120 | 16 | 3000 |    | H |
| W060/3/200                           | W060/F/3/200                                   | W059/3/200                          | 200  | 2x55  | 264 | 67  | 175x140 | 140x105 | 12 | 2000 |    | H |
| W060/3/200/1                         | W060/F/3/200/1                                 | W059/3/200/1                        | 200  | 2x80  | 264 | 95  | 200x160 | 160x120 | 16 | 4500 |    | H |
| W060/3/250                           | W060/F/3/250                                   | W059/3/250                          | 250  | 2x80  | 314 | 92  | 200x160 | 160x120 | 16 | 5000 |    | H |
| W060/3/250/1                         | W060/F/3/250/1                                 | W059/3/250/1                        | 250  | 2x100 | 330 | 70  | 255x200 | 210x160 | 16 | 7500 |    | H |
| W060/3/300                           | W060/F/3/300                                   | W059/3/300                          | 300  | 2x80  | 375 | 88  | 200x160 | 160x120 | 16 | 5000 |    | H |
| W060/3/300/1                         | W060/F/3/300/1                                 | W059/3/300/1                        | 300  | 2x100 | 395 | 111 | 255x200 | 210x160 | 16 | 7500 |    | H |
| W060/3/400                           | W060/F/3/400                                   | W059/3/400                          | 400  | 2x80  | 475 | 80  | 200x160 | 160x120 | 16 | 5000 |    | H |
| W060/3/400/1                         | W060/F/3/400/1                                 | W059/3/400/1                        | 400  | 2x100 | 495 | 107 | 255x200 | 210x160 | 16 | 7500 |    | H |

## Polyamid Seilrollen

Rad: aus Polyamid 6,  
 gleitgelagert oder kugelgelagert  
 mit halbrunder Nut.

## Polyamide pulleys

Wheel: out of  
 polyamide 6, with plain  
 or ball bearing and half  
 round slot.

Code:



| Code:            |         |    |    |    | Kg  | Nut |  |
|------------------|---------|----|----|----|-----|-----|--|
| <b>W57/40</b>    | 40/32   | 12 | 6  | 15 | 35  | 8   |  |
| <b>W57/48</b>    | 48/40   | 12 | 8  | 15 | 42  | 8   |  |
| <b>W57/50</b>    | 50/40   | 10 | 15 | 11 | 30  | 4   |  |
| <b>W57/60</b>    | 60/38   | 30 | 12 | 18 | 90  | 20  |  |
| <b>W57/65</b>    | 65/57   | 12 | 8  | 15 | 50  | 8   |  |
| <b>W57/73</b>    | 73/65   | 13 | 10 | 17 | 55  | 8   |  |
| <b>W57/76</b>    | 76/66   | 15 | 11 | 17 | 75  | 11  |  |
| <b>W57/80</b>    | 80/62   | 22 | 12 | 25 | 140 | 12  |  |
| <b>W57/90</b>    | 90/70   | 18 | 10 | 21 | 130 | 10  |  |
| <b>W57/100</b>   | 100/84  | 12 | 10 | 17 | 85  | 3,5 |  |
| <b>W57/100/2</b> | 100/74  | 25 | 15 | 28 | 160 | 18  |  |
| <b>W57/100/3</b> | 100/68  | 42 | 20 | 27 | 270 | 28  |  |
| <b>W57/120</b>   | 120/88  | 27 | 15 | 33 | 300 | 18  |  |
| <b>W57/126</b>   | 126/102 | 34 | 30 | 42 | 500 | 14  |  |
| <b>W57/150</b>   | 150/110 | 33 | 20 | 42 | 410 | 25  |  |



| Code:            |       |    |    |    | Kg  |    |  |
|------------------|-------|----|----|----|-----|----|--|
| <b>W560/40</b>   | 40/30 | 13 | 8  | 5  | 50  | 5  |  |
| <b>W560/50</b>   | 50/38 | 13 | 10 | 5  | 50  | 4  |  |
| <b>W560/65</b>   | 65/55 | 12 | 10 | 5  | 135 | 8  |  |
| <b>W560/78</b>   | 78/56 | 15 | 10 | 5  | 135 | 8  |  |
| <b>W560/78/2</b> | 78/66 | 19 | 15 | 10 | 245 | 12 |  |
| <b>W560/80</b>   | 80/50 | 21 | 15 | 10 | 125 | 8  |  |
| <b>W560/98</b>   | 98/80 | 20 | 10 | 20 | 150 | 6  |  |



Andere Ausführungen auf Anfrage / Other versions on request



## Polyamid Spurkranzräder

Rad: Radkörper aus Polyamid 6.

## Polyamide

### Flange wheels

Wheel: Wheel centre  
 out of polyamide 6.

| Code:              |         | Radbreite<br>m. Spurk.<br>mm | Radbreite<br>o. Spurk.<br>mm |    |    | Naben-<br>rad<br>mm | Kg  |  |
|--------------------|---------|------------------------------|------------------------------|----|----|---------------------|-----|--|
| <b>W0/SPG/30</b>   | 30/50   | 20                           | 15                           | 20 | 10 | -                   | 35  |  |
| <b>W0/SPG/35</b>   | 35/50   | 32                           | 25                           | 34 | 16 | 30                  | 80  |  |
| <b>W0/SPG/40</b>   | 40/55   | 18                           | 12                           | 18 | 15 | -                   | 40  |  |
| <b>W0/SPG/50</b>   | 50/70   | 30                           | 20                           | 30 | 16 | -                   | 100 |  |
| <b>W0/SPG/50/1</b> | 50/65   | 32                           | 24                           | 29 | 15 | -                   | 100 |  |
| <b>W0/SPG/62</b>   | 62/80   | 26                           | 18                           | 30 | 16 | 35                  | 100 |  |
| <b>W0/SPG/87</b>   | 87/108  | 32                           | 25                           | 32 | 16 | -                   | 200 |  |
| <b>W0/SPG/100</b>  | 100/120 | 45                           | 32                           | 40 | 20 | 50                  | 280 |  |
| <b>W0/SPG/120</b>  | 120/150 | 42                           | 30                           | 45 | 38 | 80                  | 380 |  |

Andere Ausführungen auf Anfrage / Other versions on request



Grauguss / Special grey casting

| Code:     |         | Radbreite m. Spurk.<br>mm | Radbreite o. Spurk.<br>mm |    |    | Naben-<br>Kg |      |
|-----------|---------|---------------------------|---------------------------|----|----|--------------|------|
| W/SPG/50  | 50/62   | 32                        | 26                        | 32 | 15 | 50           | 400  |
| W/SPG/75  | 75/100  | 40                        | 30                        | 47 | 20 | 62           | 700  |
| W/SPG/100 | 100/125 | 46                        | 36                        | 52 | 20 | 62           | 800  |
| W/SPG/125 | 125/145 | 46                        | 36                        | 52 | 20 | 62           | 900  |
| W/SPG/150 | 150/175 | 46                        | 36                        | 52 | 20 | 62           | 1000 |
| W/SPG/180 | 180/210 | 48                        | 38                        | 52 | 30 | 65           | 1200 |
| W/SPG/200 | 200/230 | 57                        | 40                        | 60 | 30 | 87           | 1500 |
| W/SPG/250 | 250/300 | 65                        | 50                        | 70 | 40 | 90           | 2000 |

Andere Ausführungen auf Anfrage / Other versions on request



Grauguss / Special grey casting

| Code:       |         | Radbreite m. Spurk.<br>mm | Radbreite o. Spurk.<br>mm |    |    | Naben-<br>Kg |      |
|-------------|---------|---------------------------|---------------------------|----|----|--------------|------|
| W/SPK/50    | 50/62   | 32                        | 26                        | 32 | 15 | 50           | 400  |
| W/SPK/75    | 75/100  | 40                        | 30                        | 47 | 20 | 62           | 700  |
| W/SPK/100   | 100/125 | 46                        | 36                        | 52 | 20 | 62           | 800  |
| W/SPK/125   | 125/145 | 46                        | 36                        | 52 | 20 | 62           | 900  |
| W/SPK/150   | 150/175 | 46                        | 36                        | 52 | 20 | 62           | 1000 |
| W/SPK/150/1 | 150/162 | 46                        | 36                        | 52 | 20 | 62           | 1000 |
| W/SPK/180   | 180/210 | 48                        | 38                        | 52 | 20 | 65           | 1200 |
| W/SPK/200   | 200/230 | 57                        | 40                        | 60 | 25 | 87           | 1500 |
| W/SPK/201   | 200/230 | 80                        | 62                        | 90 | 40 | 110          | 3000 |
| W/SPK/250   | 250/300 | 65                        | 50                        | 70 | 30 | 90           | 2000 |
| W/SPK/251   | 250/300 | 65                        | 50                        | 70 | 40 | 110          | 3000 |

Andere Ausführungen auf Anfrage / Other versions on request



Stahl C45 / Wheels out of steel C45

| Code:       |         | Radbreite m. Spurk.<br>mm | Radbreite o. Spurk.<br>mm |    |    | Naben-<br>Kg |      |
|-------------|---------|---------------------------|---------------------------|----|----|--------------|------|
| W/SPK/150/C | 150/175 | 52                        | 38                        | 52 | 30 | voll         | 1500 |
| W/SPK/200/C | 200/230 | 62                        | 39                        | 62 | 40 | voll         | 2500 |
| W/SPK/250/C | 250/290 | 72                        | 50                        | 72 | 50 | voll         | 3000 |
| W/SPK/300/C | 300/340 | 75                        | 52                        | 52 | 60 | voll         | 4000 |

Andere Ausführungen auf Anfrage / Other versions on request

Auch als Bockrollen lieferbar / Fixed castors on request

Spezial-  
Spurkranzräder

Rad: Lauffläche sauber überdeckt,  
Lauffläche zur Achse ca. 3° ansteigend.

special Flange  
wheels

Wheel: Special flange and tread cleanly overwound, tread to axle abt. 3° rising.



auf Anfrage bis ø 600mm und 30900Kg  
on request to ø 600mm and 30900Kg

## Kunststoff Apparaterollen

**Rad:** Thermoplastische Gummiräder mit Kunststofffelge.  
**Gehäuse:** Glasfaserverstärktes Kunststoffgehäuse, Präzisionskugellager im gabelkopf, Radachse verschraubt. Feststeller mit Doppelstop.

## Plastic apparatus castors

**Wheel:** Thermoplastic rubber with plastic rim.  
**Housing:** Moulded fibreglass polyamide housing, precision ball bearing. Wheel axle screwed. Lock with double stop.

## Varianten / Zubehör Versions / accessory



| Lenkrolle<br>Swivel castors | Lenkrolle Stop<br>Swivel castors lock | Lenkrolle R-Stop<br>Swivel castor R-lock | Code: | mm | mm  | mm | mm | mm  | mm | Kg |
|-----------------------------|---------------------------------------|--|-------|----|-----|----|----|-----|----|----|
| W6377/3/100/1               | W6377/F/3/100/1                       | W6377/R/3/100/1                          | 100   | 32 | 145 | 38 | 12 | 90  |    |    |
| W6377/3/125/1               | W6377/F/3/125/1                       | W6377/R/3/125/1                          | 125   | 32 | 165 | 47 | 12 | 100 |    |    |
| W6377/3/150/1               | W6377/F/3/150/1                       | W6377/R/3/150/1                          | 150   | 32 | 195 | 49 | 12 | 120 |    |    |
| W6377/3/200/1               | W6377/F/3/200/1                       | W6377/R/3/200/1                          | 200   | 32 | 251 | 67 | 12 | 120 |    |    |



| Lenkrolle<br>Swivel castors | Lenkrolle Stop<br>Swivel castors lock | Lenkrolle R-Stop<br>Swivel castor R-lock | Code: | mm | mm  | mm | mm    | mm    | mm  | Kg  |
|-----------------------------|---------------------------------------|--|-------|----|-----|----|-------|-------|-----|-----|
| W6377/3/100/3               | W6377/F/3/100/3                       | W6377/R/3/100/3                          | 100   | 32 | 145 | 38 | 80x80 | 60x60 | 8,5 | 90  |
| W6377/3/125/3               | W6377/F/3/125/3                       | W6377/R/3/125/3                          | 125   | 32 | 165 | 47 | 80x80 | 60x60 | 8,5 | 100 |
| W6377/3/150/3               | W6377/F/3/150/3                       | W6377/R/3/150/3                          | 150   | 32 | 195 | 49 | 80x80 | 60x60 | 8,5 | 120 |
| W6377/3/200/3               | W6377/F/3/200/3                       | W6377/R/3/200/3                          | 200   | 32 | 251 | 67 | 80x80 | 60x60 | 8,5 | 120 |



| Lenkrolle<br>Swivel castors | Lenkrolle Stop<br>Swivel castors lock | Code: | mm  | mm | mm  | mm | mm | mm  | Kg |
|-----------------------------|---------------------------------------|-------|-----|----|-----|----|----|-----|----|
| W6377/3/100/S3/1            | W6377/F/3/100/S3/1                    | -     | 100 | 32 | 135 | 38 | 12 | 90  |    |
| W6377/3/125/S3/1            | W6377/F/3/125/S3/1                    | -     | 125 | 32 | 162 | 47 | 12 | 100 |    |



| Lenkrolle<br>Swivel castors | Lenkrolle Stop<br>Swivel castors lock | Code: | mm  | mm | mm  | mm | mm    | mm    | Kg  |     |
|-----------------------------|---------------------------------------|-------|-----|----|-----|----|-------|-------|-----|-----|
| W6377/3/100/S3/3            | W6377/F/3/100/S3/3                    | -     | 100 | 32 | 141 | 38 | 80x80 | 60x60 | 8,5 | 90  |
| W6377/3/125/S3/3            | W6377/F/3/125/S3/3                    | -     | 125 | 32 | 168 | 47 | 80x80 | 60x60 | 8,5 | 100 |



Material: Kunststoff  
Hitzebeständig von -40°C bis +250°C  
auf Anfrage mit Kugellagerung oder DU-Buchsen



Material: Plastic  
Resistant from -40°C to +250°C.  
Ball bearing or du-bushing Version on request

| Räder<br>Wheels       | Code: | mm  | mm | mm | mm | Kg  | H   |
|-----------------------|-------|-----|----|----|----|-----|-----|
| <b>W0/HI/1/80</b>     |       | 80  | 33 | 12 | 40 | 150 | III |
| <b>W0/HI/1/100</b>    |       | 100 | 34 | 12 | 40 | 160 | III |
| <b>W0/HI/1/125</b>    |       | 125 | 38 | 15 | 48 | 180 | III |
| <b>W0/HI/1/150</b>    |       | 150 | 50 | 20 | 58 | 250 | II  |
| <b>W0/HI/1/160/RO</b> |       | 160 | 50 | 20 | 60 | 275 | II  |
| <b>W0/HI/1/200</b>    |       | 200 | 52 | 20 | 58 | 300 | II  |



soft

Material: Gummi / Kunststoff  
Hitzebeständig von -40°C bis +250°C  
Material: Rubber / plastic  
Resistant from -40°C to +250°C

| Räder<br>Wheels        | Code: | mm  | mm | mm | mm | Kg  | H   |
|------------------------|-------|-----|----|----|----|-----|-----|
| <b>W7/HI/1/80/S</b>    |       | 80  | 30 | 12 | 38 | 60  | III |
| <b>W7/HI/1/100/S</b>   |       | 100 | 30 | 12 | 38 | 100 | III |
| <b>W7/HI/1/100/1/S</b> |       | 100 | 32 | 15 | 50 | 120 | III |
| <b>W7/HI/1/125/S</b>   |       | 125 | 30 | 12 | 38 | 120 | III |
| <b>W7/HI/1/125/1/S</b> |       | 125 | 30 | 12 | 50 | 120 | III |
| <b>W7/HI/1/125/2/S</b> |       | 125 | 30 | 15 | 50 | 120 | III |
| <b>W7/HI/1/150/S</b>   |       | 150 | 40 | 20 | 60 | 150 | III |
| <b>W7/HI/1/200/S</b>   |       | 200 | 50 | 20 | 59 | 200 | II  |



soft

Spurfrei  
trace-free

Material: Gummi / Kunststoff  
Hitzebeständig von -80°C bis +250°C  
Material: Rubber / plastic  
Resistant from -80°C to +250°C

| Räder<br>Wheels        | Code: | mm  | mm | mm | mm | Kg  | H   |
|------------------------|-------|-----|----|----|----|-----|-----|
| <b>W7/HI/1/80/R</b>    |       | 80  | 30 | 12 | 38 | 50  | III |
| <b>W7/HI/1/100/R</b>   |       | 100 | 30 | 12 | 38 | 80  | III |
| <b>W7/HI/1/125/R</b>   |       | 125 | 30 | 12 | 38 | 100 | III |
| <b>W7/HI/1/125/1/R</b> |       | 125 | 30 | 12 | 50 | 100 | III |
| <b>W7/HI/1/150/R</b>   |       | 150 | 40 | 20 | 60 | 120 | II  |

## Hitzebeständige Räder

**Rad:** Asbestfrei, hitzebeständig bis +250°C.

**Wheel:** Free of asbestos, heat resistant to +250°C.



soft

Spurfrei  
trace-free

Material: Gummi / Stahlblech  
Hitzebeständig von -20°C bis +250°C  
Material: Rubber / steel  
Resistant from -20°C to +250°C

| Räder<br>Wheels      | Code: | mm  | mm | mm | mm | Kg  | H   |
|----------------------|-------|-----|----|----|----|-----|-----|
| <b>W8/HI/2/100/R</b> |       | 100 | 30 | 12 | 39 | 70  | III |
| <b>W8/HI/2/125/R</b> |       | 125 | 37 | 15 | 49 | 100 | III |
| <b>W8/HI/2/140/R</b> |       | 140 | 37 | 20 | 49 | 120 | III |
| <b>W8/HI/2/150/R</b> |       | 150 | 37 | 20 | 49 | 130 | III |
| <b>W8/HI/2/160/R</b> |       | 160 | 40 | 20 | 58 | 145 | III |
| <b>W8/HI/2/180/R</b> |       | 180 | 50 | 20 | 58 | 175 | III |
| <b>W8/HI/2/200/R</b> |       | 200 | 50 | 20 | 58 | 200 | III |
| <b>W8/HI/2/250/R</b> |       | 250 | 60 | 25 | 84 | 280 | III |



soft

Spurfrei  
trace-free

Material: Gummi / Aluminium  
Beständig von -20°C bis +250°C  
Material: Rubber / aluminum  
Resistant from -20°C to +250°C

| Räder<br>Wheels         | Code: | mm  | mm | mm | mm | Kg  | H   |
|-------------------------|-------|-----|----|----|----|-----|-----|
| <b>W13/HI/3/100/R</b>   |       | 100 | 40 | 12 | 40 | 35  | III |
| <b>W13/HI/3/125/R</b>   |       | 125 | 40 | 20 | 50 | 50  | III |
| <b>W13/HI/3/125/1/R</b> |       | 125 | 50 | 20 | 60 | 50  | III |
| <b>W13/HI/3/150/R</b>   |       | 150 | 50 | 20 | 60 | 65  | III |
| <b>W13/HI/3/160/R</b>   |       | 160 | 50 | 20 | 60 | 70  | III |
| <b>W13/HI/3/180/R</b>   |       | 180 | 50 | 20 | 60 | 85  | III |
| <b>W13/HI/3/200/R</b>   |       | 200 | 50 | 20 | 60 | 100 | III |
| <b>W13/HI/3/250/R</b>   |       | 250 | 50 | 25 | 60 | 145 | III |

## Andere Ausführungen Other versions:



Spurfrei  
trace-free

Material: Gummi / Kunststoff  
Beständig von -30°C bis +150°C  
(kurzzeitig +170°C)  
Material: Rubber / plastic  
Resistant from -30°C to +150°C  
(for a short time +170°C)

## Hitzebeständige Rollen

**Rad:** Radkörper aus Kunststoff, asbestosfrei, beständig von -40°C bis +250°C.  
**Gehäuse:** Stahlblechgehäuse glanzverzinkt, mit doppelter Kugellagerung im Gabelkopf, Radachse verschraubt. Feststeller mit Doppelstop.

## Heat resistant castors

**Wheel:** Wheel centre out of plastic, free of asbestos, resistant from -40°C to +250°C.

**Housing:** Sheet steel housing glossy zinc-plated with twin ball bearing in the fork head, wheel axle screwed lock with double stop.



| Lenkrolle<br>Swivel castors | Lenkrolle Stop<br>Swivel castors lock | Bockrolle<br>Fixed castors | mm  | mm | mm    | mm | mm      | mm     | mm   | mm  | Kg |
|-----------------------------|---------------------------------------|----------------------------|-----|----|-------|----|---------|--------|------|-----|----|
| W041/HI/1/80                | W041/HI/F/1/80                        | W039/HI/1/80               | 80  | 33 | 105   | 36 | 105x80  | 80x60  | 9    | 110 |    |
| W041/HI/1/100               | W041/HI/F/1/100                       | W039/HI/1/100              | 100 | 34 | 128   | 36 | 105x80  | 80x60  | 9    | 120 |    |
| W041/HI/1/100/2             | W041/HI/F/1/100/2                     | W039/HI/1/100/2            | 100 | 34 | 128   | 48 | 135x110 | 105x80 | 10,2 | 150 |    |
| W041/HI/1/125               | W041/HI/F/1/125                       | W039/HI/1/125              | 125 | 38 | 155   | 38 | 105x80  | 80x60  | 9    | 150 |    |
| W041/HI/1/125/P6            | W041/HI/F/1/125/P6                    | W039/HI/1/125/P6           | 125 | 38 | 164,5 | 61 | 132x110 | 105x80 | 12   | 180 |    |
| W041/HI/1/150               | W041/HI/F/1/150                       | W039/HI/1/150              | 150 | 50 | 190   | 52 | 135x110 | 105x80 | 11   | 250 |    |
| W041/HI/1/160/RO            | W041/HI/F/1/160/RO                    | W039/HI/1/160/RO           | 160 | 50 | 195   | 52 | 135x110 | 105x80 | 11   | 275 |    |
| W041/HI/1/200               | W041/HI/F/1/200                       | W039/HI/1/200              | 200 | 52 | 235   | 54 | 135x110 | 105x80 | 11   | 300 |    |



Varianten / Zubehör  
Versions / accessory



| Lenkrolle<br>Swivel castors | Lenkrolle Stop<br>Swivel castors lock | Bockrolle<br>Fixed castors | mm  | mm | mm  | mm | mm | mm | mm  | Kg |
|-----------------------------|---------------------------------------|----------------------------|-----|----|-----|----|----|----|-----|----|
| W041/HI/1/80/1              | W041/HI/F/1/80/1                      | -                          | 80  | 33 | 108 | 32 | 12 | 12 | 110 |    |
| W041/HI/1/100/1             | W041/HI/F/1/100/1                     | -                          | 100 | 34 | 128 | 32 | 12 | 12 | 120 |    |
| W041/HI/1/125/1             | W041/HI/F/1/125/1                     | -                          | 125 | 38 | 155 | 32 | 12 | 12 | 150 |    |
| W041/HI/1/150/1             | W041/HI/F/1/150/1                     | -                          | 150 | 50 | 192 | 52 | 12 | 12 | 250 |    |
| W041/HI/1/160/1/RO          | W041/HI/F/1/160/1/RO                  | -                          | 160 | 50 | 197 | 52 | 12 | 12 | 275 |    |
| W041/HI/1/200/1             | W041/HI/F/1/200/1                     | -                          | 200 | 52 | 240 | 49 | 12 | 12 | 300 |    |



Heißlagerfett  
Code: TP-2598-400ml  
beständig von -40°C bis +400°C  
lebensmittelecht, Wasser beständig  
Hot bearing grease  
Code: TP-2598-400ml  
Resistant from -40°C to +400°C  
food safe, water resistant

Autoklavierbare Rollen auf Anfrage  
Autoclavable castors on request

**Hitzebeständige****Rollen**

**Rad:** Radkörper aus Kunststoff, asbestfrei, Gummiring beständig von -60°C bis +250°C.

**Gehäuse:** Stahlblechgehäuse glanzverzinkt, mit doppelter Kugellagerung im Gabelkopf, Radachse verschraubt. Feststeller mit Doppelstop.

**Heat resistant****castors**

**Wheel:** Wheel centre out of plastic, rubber tire, free of asbestos, resistant from -60°C to +250°C.

**Housing:** Sheet steel housing glossy zinc-plated, with twin ball bearing in the fork head, wheel axle screwed lock with double stop.

| Lenkrolle<br>Swivel castors | Lenkrolle Stop<br>Swivel castors lock | Bockrolle<br>Fixed castors | Ø mm | mm | mm    | mm | mm      | mm     | mm   | mm  | Kg | H |
|-----------------------------|---------------------------------------|----------------------------|------|----|-------|----|---------|--------|------|-----|----|---|
| W741/HI/1/80/R              | W741/HI/F/1/80/R                      | W739/HI/1/80/R             | 80   | 33 | 105   | 36 | 105x80  | 80x60  | 9    | 50  |    |   |
| W741/HI/1/100/R             | W741/HI/F/1/100/R                     | W739/HI/1/100/R            | 100  | 34 | 128   | 36 | 105x80  | 80x60  | 9    | 80  |    |   |
| W741/HI/1/100/2/R           | W741/HI/F/1/100/2/R                   | W739/HI/1/100/2/R          | 100  | 34 | 128   | 48 | 135x110 | 105x80 | 10,2 | 80  |    |   |
| W741/HI/1/125/R             | W741/HI/F/1/125/R                     | W739/HI/1/125/R            | 125  | 38 | 155   | 38 | 105x80  | 80x60  | 9    | 100 |    |   |
| W741/HI/1/125/P6/R          | W741/HI/F/1/125P6/R                   | W739/HI/1/125/P6/R         | 125  | 38 | 164,5 | 61 | 132x110 | 105x80 | 12   | 100 |    |   |
| W741/HI/1/150/R             | W741/HI/F/1/150/R                     | W739/HI/1/150/R            | 150  | 50 | 190   | 52 | 135x110 | 105x80 | 11   | 120 |    |   |



| Lenkrolle<br>Swivel castors | Lenkrolle Stop<br>Swivel castors lock | Bockrolle<br>Fixed castors | Ø mm | mm | mm  | mm | mm | mm  | mm | Kg | H |
|-----------------------------|---------------------------------------|----------------------------|------|----|-----|----|----|-----|----|----|---|
| W741/HI/1/80/1/R            | W741/HI/F/1/80/1/R                    | -                          | 80   | 33 | 108 | 32 | 12 | 50  |    |    |   |
| W741/HI/1/100/1/R           | W741/HI/F/1/100/1/R                   | -                          | 100  | 34 | 128 | 32 | 12 | 80  |    |    |   |
| W741/HI/1/125/1/R           | W741/HI/F/1/125/1/R                   | -                          | 125  | 38 | 155 | 32 | 12 | 100 |    |    |   |
| W741/HI/1/150/1/R           | W741/HI/F/1/150/1/R                   | -                          | 150  | 50 | 192 | 52 | 12 | 120 |    |    |   |

**Heißlagerfett**

Code: TP-2598-400ml

beständig von -40°C bis +400°C

lebensmittelecht, wasserbeständig

Hot bearing grease

Code: TP-2598-400ml

Resistant from -40°C to +400°C

food safe, water resistant

**Varianten / Zubehör**  
**Versions / accessory**

**Autoklavierbare Rollen auf Anfrage**  
**Autoclavable castors on request**

## Hitzebeständige Rollen

**Rad:** Radkörper aus Kunststoff, asbestosfrei, Gummiring, beständig von -40°C bis +250°C.

**Gehäuse:** Stahlblechgehäuse glanzverzinkt, mit doppelter Kugellagerung im Gabelkopf, Radachse verschraubt. Feststeller mit Doppelstop.

## Heat resistant castors

**Wheel:** Wheel centre out of plastic, rubber tire, free of asbestos, resistant from -40°C to +250°C.

**Housing:** Sheet steel housing glossy zinc-plated, with twin ball bearing in the fork head, wheel axle screwed lock with double stop.



| Lenkrolle<br>Swivel castors<br>Code: | Lenkrolle Stop<br>Swivel castors lock<br>Code: | Bockrolle<br>Fixed castors<br>Code: | mm  | mm | mm    | mm | mm      | mm     | mm   | Kg  | H   |
|--------------------------------------|--|-------------------------------------|-----|----|-------|----|---------|--------|------|-----|-----|
| W741/HI/1/80/S                       | W741/HI/F/1/80/S                               | W739/HI/1/80/S                      | 80  | 33 | 105   | 36 | 105x80  | 80x60  | 9    | 60  | ■■■ |
| W741/HI/1/100/S                      | W741/HI/F/1/100/S                              | W739/HI/1/100/S                     | 100 | 34 | 128   | 36 | 105x80  | 80x60  | 9    | 100 | ■■■ |
| W741/HI/1/100/2/S                    | W741/HI/F/1/100/2/S                            | W739/HI/1/100/2/S                   | 100 | 34 | 128   | 48 | 135x110 | 105x80 | 10,2 | 100 | ■■■ |
| W741/HI/1/125/S                      | W741/HI/F/1/125/S                              | W739/HI/1/125/S                     | 125 | 38 | 155   | 38 | 105x80  | 80x60  | 9    | 120 | ■■■ |
| W741/HI/1/125/P6/S                   | W741/HI/F/1/125P6/S                            | W739/HI/1/125/P6/S                  | 125 | 38 | 164,5 | 61 | 132x110 | 105x80 | 12   | 120 | ■■■ |
| W741/HI/1/150/R/S                    | W741/HI/F/1/150/S                              | W739/HI/1/150/S                     | 150 | 50 | 190   | 52 | 135x110 | 105x80 | 11   | 150 | ■■■ |
| W741/HI/1/200/S                      | W741/HI/F/1/200/S                              | W739/HI/1/200/S                     | 200 | 50 | 235   | 54 | 135x110 | 105x80 | 11   | 200 | ■■■ |



| Lenkrolle<br>Swivel castors<br>Code: | Lenkrolle Stop<br>Swivel castors lock<br>Code: | Bockrolle<br>Fixed castors<br>Code: | mm  | mm | mm  | mm | mm | mm  | Kg  | H |
|--------------------------------------|--|-------------------------------------|-----|----|-----|----|----|-----|-----|---|
| W741/HI/1/80/1/S                     | W741/HI/F/1/80/1/S                             | -                                   | 80  | 33 | 108 | 32 | 12 | 60  | ■■■ |   |
| W741/HI/1/100/1/S                    | W741/HI/F/1/100/1/S                            | -                                   | 100 | 34 | 128 | 32 | 12 | 100 | ■■■ |   |
| W741/HI/1/125/1/S                    | W741/HI/F/1/125/1/S                            | -                                   | 125 | 38 | 155 | 32 | 12 | 120 | ■■■ |   |
| W741/HI/1/150/1/S                    | W741/HI/F/1/150/1/S                            | -                                   | 150 | 50 | 192 | 52 | 12 | 150 | ■■■ |   |
| W741/HI/1/200/1/S                    | W741/HI/F/1/200/1/S                            | -                                   | 200 | 50 | 240 | 49 | 12 | 200 | ■■■ |   |



**Heißlagerfett**  
 Code: TP-2598-400ml  
 beständig von -40°C bis +400°C  
 lebensmittelecht, wasserbeständig  
**Hot bearing grease**  
 Code: TP-2598-400ml  
 Resistant from -40°C to +400°C  
 food-safe, water resistant

## Varianten / Zubehör Versions / accessory



Autoklavierbare Rollen auf Anfrage  
 Autoclavable castors on request



| Räder<br>Wheels      |     |    |    |    |      | Kg   |  |
|----------------------|-----|----|----|----|------|------|--|
| <b>W1/1/50</b>       | 50  | 25 | 6  | 28 | 100  | 100  |  |
| <b>W1/1/65</b>       | 65  | 30 | 7  | 34 | 150  | 150  |  |
| <b>W1/1/75</b>       | 75  | 35 | 10 | 40 | 200  | 200  |  |
| <b>W1/1/80</b>       | 80  | 35 | 10 | 39 | 250  | 250  |  |
| <b>W1/1/100</b>      | 100 | 35 | 12 | 44 | 350  | 350  |  |
| <b>W1/1/125</b>      | 125 | 35 | 12 | 49 | 450  | 450  |  |
| <b>W1/1/150</b>      | 150 | 50 | 15 | 58 | 650  | 650  |  |
| <b>W1/1/160</b>      | 160 | 50 | 15 | 57 | 650  | 650  |  |
| <b>W1/1/175/RO</b>   | 175 | 45 | 20 | 58 | 430  | 430  |  |
| <b>W1/1/175/1</b>    | 175 | 50 | 15 | 57 | 750  | 750  |  |
| <b>W1/1/175/RO/2</b> | 175 | 50 | 20 | 52 | 1200 | 1200 |  |
| <b>W1/1/200</b>      | 200 | 50 | 20 | 58 | 1000 | 1000 |  |
| <b>W1/1/250</b>      | 250 | 60 | 20 | 67 | 1250 | 1250 |  |
| <b>W1/1/250/1</b>    | 250 | 60 | 25 | 65 | 1250 | 1250 |  |

Teilweise blau lackiert - bitte erfragen  
Partial blue lacquered - please ask



bis 46.000 Kg  
Up to 46.000 Kg



Material: Stahl  
beständig von -40°C bis +140°C  
Material: steel  
Resistant from -40°C to +140°C

| Räder<br>Wheels       |     |     |     |     |       | Kg    |  |
|-----------------------|-----|-----|-----|-----|-------|-------|--|
| <b>W1/3/75/ST</b>     | 75  | 60  | 30  | 60  | 2300  | 2300  |  |
| <b>W1/3/100/ST</b>    | 100 | 40  | 25  | 44  | 1700  | 1700  |  |
| <b>W1/3/100/1/ST</b>  | 100 | 60  | 45  | 60  | 3100  | 3100  |  |
| <b>W1/3/125/ST</b>    | 125 | 55  | 30  | 60  | 2750  | 2750  |  |
| <b>W1/3/150/ST</b>    | 150 | 55  | 45  | 60  | 4000  | 4000  |  |
| <b>W1/3/150/1/ST*</b> | 150 | 80  | 40  | 80  | 6200  | 6200  |  |
| <b>W1/3/200/ST</b>    | 200 | 55  | 50  | 60  | 6000  | 6000  |  |
| <b>W1/3/200/1/ST</b>  | 200 | 80  | 60  | 90  | 7000  | 7000  |  |
| <b>W1/3/200/2/ST*</b> | 200 | 90  | 50  | 90  | 9300  | 9300  |  |
| <b>W1/3/225/ST</b>    | 225 | 100 | 70  | 100 | 11600 | 11600 |  |
| <b>W1/3/250/ST</b>    | 250 | 65  | 70  | 75  | 10000 | 10000 |  |
| <b>W1/3/250/1/ST</b>  | 250 | 100 | 75  | 100 | 12900 | 12900 |  |
| <b>W1/3/300/ST</b>    | 300 | 100 | 75  | 100 | 14680 | 14680 |  |
| <b>W1/3/350/ST</b>    | 350 | 110 | 75  | 110 | 14680 | 14680 |  |
| <b>W1/3/350/1/ST*</b> | 350 | 110 | 75  | 110 | 19900 | 19900 |  |
| <b>W1/3/450/ST*</b>   | 450 | 125 | 100 | 125 | 29000 | 29000 |  |
| <b>W1/3/600/ST*</b>   | 600 | 150 | 150 | 150 | 46300 | 46300 |  |

\* Schräglagrollenlagerung / Tapered roller bearing

Mit Gehäusen auf Anfrage / With castors on request

## Gussräder

**Rad:** Radkörper aus Grauguss, beständig von -40°C bis zu +500°C\*.

**Wheel:** Wheel centre out of raw grey casting, resistant from -40°C up to +500°C\*.

\* In der Gleitlagerausführung / Only plain bearing version



| Räder<br>Wheels      |     |     |    |     |      | Kg   |  |
|----------------------|-----|-----|----|-----|------|------|--|
| <b>W1/3/80</b>       | 80  | 35  | 10 | 40  | 450  | 450  |  |
| <b>W1/3/85/RO</b>    | 85  | 25  | 15 | 36  | 250  | 250  |  |
| <b>W1/3/100</b>      | 100 | 30  | 15 | 30  | 300  | 300  |  |
| <b>W1/3/100/1</b>    | 100 | 40  | 12 | 44  | 500  | 500  |  |
| <b>W1/3/100/2</b>    | 100 | 40  | 20 | 50  | 750  | 750  |  |
| <b>W1/3/125</b>      | 125 | 32  | 15 | 32  | 400  | 400  |  |
| <b>W1/3/125/1</b>    | 125 | 45  | 12 | 50  | 500  | 500  |  |
| <b>W1/3/150</b>      | 150 | 38  | 20 | 38  | 600  | 600  |  |
| <b>W1/3/150/1/RO</b> | 150 | 40  | 20 | 52  | 900  | 900  |  |
| <b>W1/3/175</b>      | 175 | 38  | 20 | 38  | 1000 | 1000 |  |
| <b>W1/3/175/1</b>    | 175 | 50  | 15 | 57  | 750  | 750  |  |
| <b>W1/3/175/2/RO</b> | 175 | 40  | 25 | 52  | 1000 | 1000 |  |
| <b>W1/3/200</b>      | 200 | 48  | 25 | 48  | 1000 | 1000 |  |
| <b>W1/3/225/RO</b>   | 225 | 50  | 25 | 65  | 1500 | 1500 |  |
| <b>W1/3/250</b>      | 250 | 60  | 20 | 67  | 1250 | 1250 |  |
| <b>W1/3/270</b>      | 270 | 70  | 30 | 70  | 2100 | 2100 |  |
| <b>W1/3/300</b>      | 300 | 75  | 30 | 85  | 1500 | 1500 |  |
| <b>W1/3/325/RO</b>   | 325 | 100 | 40 | 100 | 3600 | 3600 |  |
| <b>W1/3/470/RO</b>   | 470 | 100 | 50 | 100 | 4800 | 4800 |  |

Andere Abmessungen auf Anfrage  
Other versions on request



| Räder<br>Wheels   |     |    |    |    |      | Kg   |  |
|-------------------|-----|----|----|----|------|------|--|
| <b>W1/2/80</b>    | 80  | 35 | 10 | 42 | 250  | 250  |  |
| <b>W1/2/100</b>   | 100 | 35 | 10 | 44 | 350  | 350  |  |
| <b>W1/2/100/1</b> | 100 | 35 | 12 | 50 | 300  | 300  |  |
| <b>W1/2/100/2</b> | 100 | 45 | 12 | 50 | 400  | 400  |  |
| <b>W1/2/125</b>   | 125 | 35 | 12 | 50 | 450  | 450  |  |
| <b>W1/2/150</b>   | 150 | 50 | 15 | 57 | 650  | 650  |  |
| <b>W1/2/175</b>   | 175 | 50 | 15 | 57 | 650  | 650  |  |
| <b>W1/2/200</b>   | 200 | 50 | 20 | 58 | 1000 | 1000 |  |
| <b>W1/2/250</b>   | 250 | 60 | 20 | 67 | 1250 | 1250 |  |

## Gussrollen

**Rad:** Radkörper aus Grauguss.  
**Gehäuse:** Gehäuse aus spezial Temperi guss.

## Cast iron wheels

**Wheel:** Wheel centre cut of raw grey casting.  
**Housing:** Housing out of special grey iron.



Heißlagerfett  
 Code: TP-2598-400ml  
 beständig von -40°C bis +400°C  
 lebensmittelecht, wasserbeständig  
 Hot bearing grease  
 Code: TP-2598-400ml  
 Resistant from -40°C to +400°C  
 food safe, water resistant



| Lenkrolle<br>Swivel castors<br>Code: | Lenkrolle Stop<br>Swivel castors lock<br>Code: | Bockrolle<br>Fixed castors<br>Code: | ∅ mm | mm | mm  | mm | mm      | mm      | mm | mm   | Kg |  |
|--------------------------------------|--|-------------------------------------|------|----|-----|----|---------|---------|----|------|----|--|
| W151/1/50                            | -  | -                                   | 50   | 25 | 75  | 18 | 85x55   | 65x35   | 6  | 100  |    |  |
| W151/1/65                            | -  | -                                   | 65   | 30 | 90  | 22 | 95x60   | 75x40   | 6  | 150  |    |  |
| W151/1/75                            | -  | -                                   | 75   | 35 | 100 | 25 | 105x70  | 80x50   | 8  | 200  |    |  |
| W151/1/80                            | -  | W159/1/80                           | 80   | 35 | 110 | 30 | 115x80  | 90x55   | 8  | 250  |    |  |
| W151/2/80                            | -  | W159/2/80                           | 80   | 35 | 110 | 30 | 115x80  | 90x55   | 8  | 250  |    |  |
| W151/3/80                            | -  | W159/3/80                           | 80   | 35 | 110 | 30 | 115x80  | 90x55   | 8  | 250  |    |  |
| W151/1/100                           | -  | W159/1/100                          | 100  | 35 | 135 | 35 | 145x100 | 115x70  | 10 | 350  |    |  |
| W151/1/100/1                         | -  | W159/1/100/1                        | 100  | 45 | 150 | 50 | 135x110 | 105x80  | 10 | 400  |    |  |
| W151/2/100                           | -  | W159/2/100                          | 100  | 35 | 135 | 35 | 145x100 | 115x70  | 10 | 250  |    |  |
| W151/2/100/1                         | -  | W159/2/100/1                        | 100  | 45 | 150 | 50 | 135x110 | 105x80  | 10 | 400  |    |  |
| W151/3/100                           | -  | W159/3/100                          | 100  | 40 | 135 | 35 | 145x100 | 115x70  | 10 | 350  |    |  |
| W151/3/100/1                         | -  | W159/3/100/1                        | 100  | 40 | 150 | 50 | 135x110 | 105x80  | 10 | 500  |    |  |
| W151/1/125                           | -  | W159/1/125                          | 125  | 35 | 162 | 50 | 135x110 | 105x80  | 10 | 450  |    |  |
| W151/1/125/1                         | -  | W159/1/125/1                        | 125  | 35 | 162 | 40 | 155x105 | 125x75  | 10 | 450  |    |  |
| W151/2/125                           | -  | W159/2/125                          | 125  | 35 | 162 | 50 | 135x110 | 105x80  | 10 | 450  |    |  |
| W151/2/125/1                         | -  | W159/2/125/1                        | 125  | 35 | 162 | 40 | 155x105 | 125x75  | 10 | 450  |    |  |
| W151/3/125                           | -  | W159/3/125                          | 125  | 45 | 162 | 50 | 135x110 | 105x80  | 10 | 500  |    |  |
| W151/3/125/1                         | -  | W159/3/125/1                        | 125  | 45 | 162 | 40 | 155x105 | 125x75  | 10 | 500  |    |  |
| W151/1/150                           | -  | W159/1/150                          | 150  | 50 | 200 | 50 | 135x110 | 105x80  | 10 | 650  |    |  |
| W151/1/150/1                         | -  | W159/1/150/1                        | 150  | 50 | 200 | 50 | 175x125 | 145x95  | 10 | 650  |    |  |
| W151/2/150                           | -  | W159/2/150                          | 150  | 50 | 200 | 50 | 135x110 | 105x80  | 10 | 650  |    |  |
| W151/2/150/1                         | -  | W159/2/150/1                        | 150  | 50 | 200 | 50 | 175x125 | 145x95  | 10 | 650  |    |  |
| W151/3/150                           | -  | W159/3/150                          | 150  | 50 | 200 | 50 | 135x110 | 105x80  | 10 | 650  |    |  |
| W151/3/150/1                         | -  | W159/3/150/1                        | 150  | 50 | 200 | 50 | 175x125 | 145x95  | 10 | 650  |    |  |
| W151/1/160                           | -  | W159/1/160                          | 160  | 50 | 205 | 50 | 135x110 | 105x80  | 10 | 650  |    |  |
| W151/2/160                           | -  | W159/2/160                          | 160  | 50 | 205 | 50 | 135x110 | 105x80  | 10 | 650  |    |  |
| W151/3/160                           | -  | W159/3/160                          | 160  | 50 | 205 | 50 | 135x110 | 105x80  | 10 | 650  |    |  |
| W151/1/175                           | -  | W159/1/175                          | 175  | 50 | 228 | 65 | 135x110 | 105x80  | 10 | 750  |    |  |
| W151/2/175                           | -  | W159/2/175                          | 175  | 50 | 228 | 65 | 135x110 | 105x80  | 10 | 750  |    |  |
| W151/3/175                           | -  | W159/3/175                          | 175  | 50 | 228 | 65 | 135x110 | 105x80  | 10 | 750  |    |  |
| W151/1/200                           | -  | W159/1/200                          | 200  | 50 | 240 | 65 | 135x110 | 105x80  | 10 | 800  |    |  |
| W151/1/200/1                         | -  | W159/1/200/1                        | 200  | 50 | 260 | 60 | 225x145 | 185x105 | 14 | 1000 |    |  |
| W151/2/200                           | -  | W159/2/200                          | 200  | 50 | 240 | 65 | 135x110 | 105x80  | 10 | 800  |    |  |
| W151/2/200/1                         | -  | W159/2/200/1                        | 200  | 50 | 260 | 60 | 225x145 | 185x105 | 14 | 1000 |    |  |
| W151/3/200                           | -  | W159/3/200                          | 200  | 50 | 240 | 65 | 135x110 | 105x80  | 10 | 800  |    |  |
| W151/3/200/1                         | -  | W159/3/200/1                        | 200  | 50 | 260 | 60 | 225x145 | 185x105 | 14 | 1000 |    |  |
| W151/1/250                           | -  | W159/1/250                          | 250  | 60 | 320 | 62 | 225x145 | 185x105 | 14 | 1250 |    |  |
| W151/2/250                           | -  | W159/2/250                          | 250  | 60 | 320 | 62 | 225x145 | 185x105 | 14 | 1250 |    |  |
| W151/3/250                           | -  | W159/3/250                          | 250  | 60 | 320 | 62 | 225x145 | 185x105 | 14 | 1250 |    |  |



## Schwerlast-Gussrollen

**Rad:** Radkörper aus Grauguss.

**Gehäuse:** Stahlblechgehäuse glanzverzinkt, mit doppelter Kugellagerung im Gabelkopf, Radachse verschraubt. Feststeller mit Doppelstop.

## Heavy duty Cast iron castors

**Wheel:** Wheel centre out of raw grey casting.

**housing:** Sheet steel housing glossy zinc-plated, with twin ball bearing in the fork head, wheel axle screwed, lock with double stop.

Lenkrolle  
Swivel castors

Lenkrolle Stop  
Swivel castors lock

Bockrolle  
Fixed castors



Code:

W141/3/80/P4

Code:

W141/F3/80/P4

Code:

W139/3/80/P4

mm

## Hitze Edelstahl-Rollen

**Rad:** Radkörper aus stoß- und schlagfestem Kunststoff. Beständig von -40°C bis +250°C.

**Gehäuse:** Edelstahl, alle Einbauteile sind komplettrostbeständig.

## Heat stainless Steel castors

**Wheel:** Wheel centre out of plastic, resistant from -40°C to +250°C.

**Housing:** Stainless steel housing, all fitted components are completely rust resistant.



Rückenlochbefestigung auf Anfrage oder Code-Nr. am Ende /1 für Rückenloch anhängen!  
Bolt hole versions on request or Code-No. +/1 for bolt hole version



Heißlagerfett  
Code: TP-2598-400ml  
beständig von -40°C bis +400°C  
lebensmittelrecht, wasserbeständig  
Hot bearing grease  
Code: TP-2598-400ml  
Resistant from -40°C to +400°C  
food safe, water resistant

Rollen mit hitzebeständigen schwarzen Kunststoffrädern  
Castors with black heat resistant plastic wheels

| Lenkrolle<br>Swivel castors | Lenkrolle Stop<br>Swivel castors lock | Bockrolle<br>Fixed castors |     | mm | mm    | mm | mm      | mm     | mm | mm  | Kg |     |
|-----------------------------|---------------------------------------|----------------------------|-----|----|-------|----|---------|--------|----|-----|----|-----|
| W0460/HI/1/80/X             | W0460/HI/F/1/80/X                     | W0459/HI/1/80/X            | 80  | 33 | 108   | 32 | 100x80  | 80x60  | 9  | 110 |    | ■■■ |
| W0460/HI/1/100/X            | W0460/HI/F/1/100/X                    | W0459/HI/1/100/X           | 100 | 34 | 128   | 32 | 100x80  | 80x60  | 9  | 120 |    | ■■■ |
| W0460/HI/1/125/X            | W0460/HI/F/1/125/X                    | W0459/HI/1/125/X           | 125 | 38 | 155   | 32 | 100x80  | 80x60  | 9  | 150 |    | ■■■ |
| W0460/HI/1/125/P6           | W0460/HI/F/1/125P6                    | W0459/HI/1/125/P6          | 125 | 38 | 164,5 | 61 | 132x110 | 105x80 | 12 | 180 |    | ■■■ |
| W0460/HI/1/150/X            | W0460/HI/F/1/150/X                    | W0459/HI/1/150/X           | 150 | 50 | 192   | 52 | 130x106 | 105x80 | 11 | 250 |    | ■■■ |
| W0460/HI/1/160/RO/X         | W0460/HI/F/1/160/RO/X                 | W0459/HI/1/160/RO/X        | 160 | 50 | 197   | 52 | 130x106 | 105x80 | 11 | 250 |    | ■■■ |
| W0460/HI/1/200/X            | W0460/HI/F/1/200/X                    | W0459/HI/1/200/X           | 200 | 52 | 240   | 49 | 130x106 | 105x80 | 11 | 300 |    | ■■■ |



Rollen mit hitzebeständigen roten Gummirädern  
Castors with red heat resistant rubber wheels

| Lenkrolle<br>Swivel castors | Lenkrolle Stop<br>Swivel castors lock | Bockrolle<br>Fixed castors |     | mm | mm    | mm | mm      | mm     | mm | mm  | Kg |     |
|-----------------------------|---------------------------------------|----------------------------|-----|----|-------|----|---------|--------|----|-----|----|-----|
| W7460/HI/1/80/R/X           | W7460/HI/F/1/80/R/X                   | W7459/HI/1/80/R/X          | 80  | 33 | 108   | 32 | 100x80  | 80x60  | 9  | 50  |    | ■■■ |
| W7460/HI/1/100/R/X          | W7460/HI/F/1/100/R/X                  | W7459/HI/1/100/R/X         | 100 | 34 | 128   | 36 | 100x80  | 80x60  | 9  | 80  |    | ■■■ |
| W7460/HI/1/125/R/X          | W7460/HI/F/1/125/R/X                  | W7459/HI/1/125/R/X         | 125 | 38 | 155   | 38 | 100x80  | 80x60  | 9  | 100 |    | ■■■ |
| W7460/HI/1/125/P6/R         | W7460/HI/F/1/125P6/R                  | W7459/HI/1/125/P6/R/X      | 125 | 38 | 164,5 | 61 | 132x110 | 105x80 | 12 | 100 |    | ■■■ |
| W7460/HI/1/150/R/X          | W7460/HI/F/1/150/R/X                  | W7459/HI/1/150/R/X         | 150 | 50 | 192   | 52 | 130x106 | 105x80 | 11 | 120 |    | ■■■ |



Rollen mit hitzebeständigen schwarzen Gummirädern  
Castors with black heat resistant rubber wheels

| Lenkrolle<br>Swivel castors | Lenkrolle Stop<br>Swivel castors lock | Bockrolle<br>Fixed castors |     | mm | mm    | mm | mm      | mm     | mm | mm  | Kg |     |
|-----------------------------|---------------------------------------|----------------------------|-----|----|-------|----|---------|--------|----|-----|----|-----|
| W7460/HI/1/80/S/X           | W7460/HI/F/1/80/S/X                   | W7459/HI/1/80/S/X          | 80  | 33 | 108   | 32 | 100x80  | 80x60  | 9  | 60  |    | ■■■ |
| W7460/HI/1/100/S/X          | W7460/HI/F/1/100/S/X                  | W7459/HI/1/100/S/X         | 100 | 34 | 128   | 32 | 100x80  | 80x60  | 9  | 100 |    | ■■■ |
| W7460/HI/1/125/S/X          | W7460/HI/F/1/125/S/X                  | W7459/HI/1/125/S/X         | 125 | 38 | 155   | 32 | 100x80  | 80x60  | 9  | 120 |    | ■■■ |
| W7460/HI/1/125/P6/S         | W7460/HI/F/1/125P6/S                  | W7459/HI/1/125/P6/S        | 125 | 38 | 164,5 | 61 | 132x110 | 105x80 | 12 | 120 |    | ■■■ |
| W7460/HI/1/150/R/S/X        | W7460/HI/F/1/150/S/X                  | W7459/HI/1/150/S/X         | 150 | 50 | 192   | 52 | 130x106 | 105x80 | 11 | 150 |    | ■■■ |
| W7460/HI/1/200/S/X          | W7460/HI/F/1/200/S/X                  | W7459/HI/1/200/S/X         | 200 | 50 | 240   | 49 | 130x106 | 105x80 | 11 | 200 |    | ■■■ |

Bockrollen haben keine Ausladung / Fixed castors without offset

Varianten / Zubehör  
Versions / accessoryAutoklavierbare Rollen auf Anfrage  
Autoclavable castors on requestGummi-  
Edelstahl-RollenRad: Radkörper aus  
stoß- und schlagfestem  
Kunststoff.Gehäuse: Edelstahl, alle  
Einbauteile sind komplett  
rostbeständig.Rubber-Stainless  
Steel castorsWheel: Wheel centre  
out of plastic.Housing: Stainless  
steel housing, all fitted  
components are  
completely rust resistant.

Belag: Gummi / Tread: out of rubber

| Lenkrolle<br>Swivel castors | Lenkrolle Stop<br>Swivel castors lock | Bockrolle<br>Fixed castors |  | mm  | mm | mm  | mm | mm      | mm      | mm | Kg  |  |
|-----------------------------|---------------------------------------|----------------------------|--|-----|----|-----|----|---------|---------|----|-----|--|
| W7460/2/80/X                | W7460/F/2/80/X                        | W7459/2/80/X               |  | 80  | 25 | 108 | 32 | 100x80  | 80x60   | 9  | 50  |  |
| W7460/2/100/X               | W7460/F/2/100/X                       | W7459/2/100/X              |  | 100 | 30 | 128 | 32 | 100x80  | 80x60   | 9  | 70  |  |
| W7460/2/125/X               | W7460/F/2/125/X                       | W7459/2/125/X              |  | 125 | 37 | 155 | 32 | 100x80  | 80x60   | 9  | 100 |  |
| W7460/2/160/X               | W7460/F/2/160/X                       | W7459/2/160/X              |  | 160 | 40 | 197 | 52 | 130x106 | 105x80  | 11 | 135 |  |
| W7460/2/180/X               | W7460/F/2/180/X                       | W7459/2/180/X              |  | 180 | 50 | 230 | 57 | 141x110 | 105x80  | 11 | 170 |  |
| W7460/2/200/X               | W7460/F/2/200/X                       | W7459/2/200/X              |  | 200 | 50 | 240 | 49 | 130x106 | 105x80  | 11 | 205 |  |
| W7460/2/250                 | W7460/F/2/250                         | W7459/2/250                |  | 250 | 60 | 300 | 55 | 150x150 | 125x125 | 11 | 295 |  |



Belag: Gummi / Tread: out of rubber

| Lenkrolle<br>Swivel castors | Lenkrolle Stop<br>Swivel castors lock | Bockrolle<br>Fixed castors |  | mm  | mm | mm  | mm | mm      | mm      | mm | Kg  |  |
|-----------------------------|---------------------------------------|----------------------------|--|-----|----|-----|----|---------|---------|----|-----|--|
| W7460/2/80/G/X              | W7460/F/2/80/G/X                      | W7459/2/80/G/X             |  | 80  | 25 | 108 | 32 | 100x80  | 80x60   | 9  | 50  |  |
| W7460/2/100/G/X             | W7460/F/2/100/G/X                     | W7459/2/100/G/X            |  | 100 | 30 | 128 | 32 | 100x80  | 80x60   | 9  | 70  |  |
| W7460/2/125/G/X             | W7460/F/2/125/G/X                     | W7459/2/125/G/X            |  | 125 | 37 | 155 | 32 | 100x80  | 80x60   | 9  | 100 |  |
| W7460/2/160/G/X             | W7460/F/2/160/G/X                     | W7459/2/160/G/X            |  | 160 | 40 | 197 | 52 | 130x106 | 105x80  | 11 | 135 |  |
| W7460/2/180/G/X             | W7460/F/2/180/G/X                     | W7459/2/180/G/X            |  | 180 | 50 | 230 | 57 | 141x110 | 105x80  | 11 | 170 |  |
| W7460/2/200/G/X             | W7460/F/2/200/G/X                     | W7459/2/200/G/X            |  | 200 | 50 | 240 | 49 | 130x106 | 105x80  | 11 | 205 |  |
| W7460/2/250/G               | W7460/F/2/250/G                       | W7459/2/250/G              |  | 250 | 60 | 300 | 55 | 150x150 | 125x125 | 11 | 295 |  |

Belag: Termoplastischer Gummi /  
Tread: out of thermoplastic rubber

| Lenkrolle<br>Swivel castors | Lenkrolle Stop<br>Swivel castors lock | Bockrolle<br>Fixed castors |  | mm  | mm | mm  | mm | mm      | mm      | mm | Kg  |  |
|-----------------------------|---------------------------------------|----------------------------|--|-----|----|-----|----|---------|---------|----|-----|--|
| W9460/1/80/SP/X             | W9460/F/1/80/SP/X                     | W9459/1/80/SP/X            |  | 80  | 34 | 108 | 32 | 100x80  | 80x60   | 9  | 100 |  |
| W9460/1/100/SP/X            | W9460/F/1/100/SP/X                    | W9459/1/100/SP/X           |  | 100 | 34 | 128 | 32 | 100x80  | 80x60   | 9  | 120 |  |
| W9460/1/125/SP/X            | W9460/F/1/125/SP/X                    | W9459/1/125/SP/X           |  | 125 | 40 | 155 | 32 | 100x80  | 80x60   | 9  | 140 |  |
| W9460/1/160/SP/X            | W9460/F/1/160/SP/X                    | W9459/1/160/SP/X           |  | 160 | 45 | 197 | 52 | 130x106 | 105x80  | 11 | 250 |  |
| W9460/1/200/SP/X            | W9460/F/1/200/SP/X                    | W9459/1/200/SP/X           |  | 200 | 50 | 240 | 49 | 130x106 | 105x80  | 11 | 300 |  |
| W9460/1/250/SP/X            | W9460/F/1/250/SP/X                    | W9459/1/250/SP/X           |  | 250 | 60 | 300 | 55 | 150x150 | 125x125 | 11 | 450 |  |

## Gummi- Edelstahl-Rollen

**Rad:** Radkörper aus stoß- und schlagfestem Kunststoff.  
**Gehäuse:** Edelstahl, alle Einbauteile sind komplettrostbeständig.

### Rubber-Stainless

### Steel castors

**Wheel:** Wheel centre out of plastic.  
**Housing:** Stainless steel housing, all fitted components are completely rust resistant.

+ 49 (0) 4122-53027  
www.raeder-wendt.de



Räder & Rollen  
Räder Wendt  
Wheels & Castors

Varianten / Zubehör  
Versions / accessory



Autoklavierbare Rollen auf Anfrage  
Autoclavable castors on request



Belag: Gummi / Tread: out of rubber

| Lenkrolle<br>Swivel castors | Lenkrolle Stop<br>Swivel castors lock | Bockrolle<br>Fixed castors |  | mm  | mm | mm  | mm | mm | Kg  | H |
|-----------------------------|---------------------------------------|----------------------------|--|-----|----|-----|----|----|-----|---|
| W7460/2/80/1/X              | W7460/F/2/80/1/X                      | -                          |  | 80  | 30 | 108 | 32 | 12 | 50  |   |
| W7460/2/100/1/X             | W7460/F/2/100/1/X                     | -                          |  | 100 | 30 | 128 | 32 | 12 | 70  |   |
| W7460/2/125/1/X             | W7460/F/2/125/1/X                     | -                          |  | 125 | 37 | 155 | 32 | 12 | 100 |   |
| W7460/2/160/1/X             | W7460/F/2/160/1/X                     | -                          |  | 160 | 40 | 197 | 52 | 12 | 135 |   |
| W7460/2/180/1/X             | W7460/F/2/180/1/X                     | -                          |  | 180 | 50 | 230 | 48 | 12 | 170 |   |
| W7460/2/200/1/X             | W7460/F/2/200/1/X                     | -                          |  | 200 | 50 | 240 | 48 | 12 | 205 |   |



Belag: Gummi / Tread: out of rubber

| Lenkrolle<br>Swivel castors | Lenkrolle Stop<br>Swivel castors lock | Bockrolle<br>Fixed castors |  | mm  | mm | mm  | mm | mm | Kg  | H |
|-----------------------------|---------------------------------------|----------------------------|--|-----|----|-----|----|----|-----|---|
| W7460/2/80/1/X/G            | W7460/F/2/80/1/X/G                    | -                          |  | 80  | 30 | 108 | 32 | 12 | 50  |   |
| W7460/2/100/1/X/G           | W7460/F/2/100/1/X/G                   | -                          |  | 100 | 30 | 128 | 32 | 12 | 70  |   |
| W7460/2/125/1/X/G           | W7460/F/2/125/1/X/G                   | -                          |  | 125 | 37 | 155 | 32 | 12 | 100 |   |
| W7460/2/160/1/X/G           | W7460/F/2/160/1/X/G                   | -                          |  | 160 | 40 | 197 | 52 | 12 | 135 |   |
| W7460/2/180/1/X/G           | W7460/F/2/180/1/X/G                   | -                          |  | 180 | 50 | 230 | 48 | 12 | 170 |   |
| W7460/2/200/1/X/G           | W7460/F/2/200/1/X/G                   | -                          |  | 200 | 50 | 240 | 48 | 12 | 205 |   |



Belag: Termoplastischer Gummi /  
Tread: out of thermoplastic rubber

| Lenkrolle<br>Swivel castors | Lenkrolle Stop<br>Swivel castors lock | Bockrolle<br>Fixed castors |  | mm  | mm | mm  | mm | mm | Kg  | H |
|-----------------------------|---------------------------------------|----------------------------|--|-----|----|-----|----|----|-----|---|
| W9460/1/80/1/SP/X           | W9460/F/1/80/1/SP/X                   | -                          |  | 80  | 34 | 108 | 32 | 12 | 100 |   |
| W9460/1/100/1/SP/X          | W9460/F/1/100/1/SP/X                  | -                          |  | 100 | 34 | 128 | 32 | 12 | 120 |   |
| W9460/1/125/1/SP/X          | W9460/F/1/125/1/SP/X                  | -                          |  | 125 | 40 | 155 | 32 | 12 | 140 |   |
| W9460/1/160/1/SP/X          | W9460/F/1/160/1/SP/X                  | -                          |  | 160 | 45 | 197 | 52 | 12 | 250 |   |
| W9460/1/200/1/SP/X          | W9460/F/1/200/1/SP/X                  | -                          |  | 200 | 50 | 240 | 48 | 12 | 300 |   |

Bockrollen haben keine Ausladung / Fixed castors without offset

Varianten / Zubehör  
Versions / accessoryAutoklavierbare Rollen auf Anfrage  
Autoclavable castors on request

## Elastik-Edelstahl-Rollen

Rad: Radkörper aus stoß- und schlagfestem Kunststoff.

Gehäuse: Edelstahl, alle Einbauteile sind komplettrostbeständig.

## Elastic-Stainless Steel castors

Wheel: Wheel centre out of plastic.

Housing: Stainless steel housing, all fitted components are completely rust resistant.



| Lenkrolle<br>Swivel castors | Lenkrolle Stop<br>Swivel castors lock | Bockrolle<br>Fixed castors |     | mm | mm  | mm | mm      | mm      | mm | mm  | Kg | H |
|-----------------------------|---------------------------------------|----------------------------|-----|----|-----|----|---------|---------|----|-----|----|---|
| W1460/2/80/X                | W1460/F/2/80/X                        | W1459/2/80/X               | 80  | 30 | 108 | 32 | 100x80  | 80x60   | 9  | 100 |    |   |
| W1460/2/100/X               | W1460/F/2/100/X                       | W1459/2/100/X              | 100 | 35 | 128 | 32 | 100x80  | 80x60   | 9  | 150 |    |   |
| W1460/2/125/X               | W1460/F/2/125/X                       | W1459/2/125/X              | 125 | 40 | 155 | 32 | 100x80  | 80x60   | 9  | 200 |    |   |
| W1460/2/160/X               | W1460/F/2/160/X                       | W1459/2/160/X              | 160 | 42 | 197 | 52 | 130x106 | 105x80  | 11 | 300 |    |   |
| W1460/2/200/X               | W1460/F/2/200/X                       | W1459/2/200/X              | 200 | 50 | 240 | 49 | 130x106 | 105x80  | 11 | 300 |    |   |
| W1460/2/250                 | W1460/F/2/250                         | W1459/2/250                | 250 | 60 | 300 | 55 | 150x150 | 125x125 | 11 | 450 |    |   |



| Lenkrolle<br>Swivel castors | Lenkrolle Stop<br>Swivel castors lock | Bockrolle<br>Fixed castors |     | mm | mm  | mm | mm      | mm     | mm | mm  | Kg | H |
|-----------------------------|---------------------------------------|----------------------------|-----|----|-----|----|---------|--------|----|-----|----|---|
| W1460/2/80/S/X              | W1460/F/2/80/S/X                      | W1459/2/80/S/X             | 80  | 30 | 108 | 32 | 100x80  | 80x60  | 9  | 100 |    |   |
| W1460/2/100/S/X             | W1460/F/2/100/S/X                     | W1459/2/100/S/X            | 100 | 35 | 128 | 32 | 100x80  | 80x60  | 9  | 150 |    |   |
| W1460/2/125/S/X             | W1460/F/2/125/S/X                     | W1459/2/125/S/X            | 125 | 40 | 155 | 32 | 100x80  | 80x60  | 9  | 200 |    |   |
| W1460/2/160/S/X             | W1460/F/2/160/S/X                     | W1459/2/160/S/X            | 160 | 42 | 197 | 52 | 130x106 | 105x80 | 11 | 300 |    |   |
| W1460/2/200/S/X             | W1460/F/2/200/S/X                     | W1459/2/200/S/X            | 200 | 50 | 240 | 49 | 130x106 | 105x80 | 11 | 300 |    |   |

Belag: Elastikpolyurethan /  
Tread: out of polyurethane elastic

| Lenkrolle<br>Swivel castors | Lenkrolle Stop<br>Swivel castors lock | Bockrolle<br>Fixed castors |     | mm | mm  | mm | mm      | mm     | mm | mm  | Kg | H |
|-----------------------------|---------------------------------------|----------------------------|-----|----|-----|----|---------|--------|----|-----|----|---|
| W9460/2/80/S82/X            | W9460/F/2/80/S82/X                    | W9459/2/80/S82/X           | 80  | 28 | 108 | 32 | 100x80  | 80x60  | 9  | 70  |    |   |
| W9460/2/100/S82/X           | W9460/F/2/100/S82/X                   | W9459/2/100/S82/X          | 100 | 30 | 128 | 32 | 100x80  | 80x60  | 9  | 110 |    |   |
| W9460/2/125/S82/X           | W9460/F/2/125/S82/X                   | W9459/2/125/S82/X          | 125 | 32 | 155 | 32 | 100x80  | 80x60  | 9  | 150 |    |   |
| W9460/2/160/S82/X           | W9460/F/2/160/S82/X                   | W9459/2/160/S82/X          | 160 | 38 | 197 | 52 | 130x106 | 105x80 | 11 | 250 |    |   |
| W9460/2/200/S82/X           | W9460/F/2/200/S82/X                   | W9459/2/200/S82/X          | 200 | 45 | 240 | 49 | 130x106 | 105x80 | 11 | 300 |    |   |

Bockrollen haben keine Ausladung / Fixed castors without offset

## Elastik-Edelstahl-Rollen

**Rad:** Radkörper aus stoß- und schlagfestem Kunststoff.

**Gehäuse:** Edelstahl, alle Einbauteile sind komplettrostbeständig.

## Elastic-Stainless Steel castors

**Wheel:** Wheel centre out of plastic.

**Housing:** Stainless steel housing, all fitted components are completely rust resistant.



Varianten / Zubehör  
Versions / accessory



Autoklavierbare Rollen auf Anfrage  
Autoclavable castors on request



| Lenkrolle<br>Swivel castors | Lenkrolle Stop<br>Swivel castors lock | Bockrolle<br>Fixed castors |  | mm  | mm | mm  | mm | mm | Kg  |  |
|-----------------------------|---------------------------------------|----------------------------|--|-----|----|-----|----|----|-----|--|
| Code:<br>W1460/2/80/1/X     | Code:<br>W1460/F/2/80/1/X             | Code:<br>-                 |  | 80  | 30 | 108 | 32 | 12 | 100 |  |
| W1460/2/100/1/X             | W1460/F/2/100/1/X                     | -                          |  | 100 | 35 | 128 | 32 | 12 | 150 |  |
| W1460/2/125/1/X             | W1460/F/2/125/1/X                     | -                          |  | 125 | 40 | 155 | 32 | 12 | 200 |  |
| W1460/2/160/1/X             | W1460/F/2/160/1/X                     | -                          |  | 160 | 42 | 197 | 52 | 12 | 300 |  |
| W1460/2/200/1/X             | W1460/F/2/200/1/X                     | -                          |  | 200 | 50 | 240 | 48 | 12 | 300 |  |



| Lenkrolle<br>Swivel castors | Lenkrolle Stop<br>Swivel castors lock | Bockrolle<br>Fixed castors |  | mm  | mm | mm  | mm | mm | Kg  |  |
|-----------------------------|---------------------------------------|----------------------------|--|-----|----|-----|----|----|-----|--|
| Code:<br>W1460/2/80/1/S/X   | Code:<br>W1460/F/2/80/1/S/X           | Code:<br>-                 |  | 80  | 30 | 108 | 32 | 12 | 100 |  |
| W1460/2/100/1/S/X           | W1460/F/2/100/1/S/X                   | -                          |  | 100 | 35 | 128 | 32 | 12 | 150 |  |
| W1460/2/125/1/S/X           | W1460/F/2/125/1/S/X                   | -                          |  | 125 | 40 | 155 | 32 | 12 | 200 |  |
| W1460/2/160/1/S/X           | W1460/F/2/160/1/S/X                   | -                          |  | 160 | 42 | 197 | 52 | 12 | 300 |  |
| W1460/2/200/1/S/X           | W1460/F/2/200/1/S/X                   | -                          |  | 200 | 50 | 240 | 48 | 12 | 300 |  |



Belag: Elastikpolyurethan /  
Tread: out of polyurethane elastic

| Lenkrolle<br>Swivel castors | Lenkrolle Stop<br>Swivel castors lock | Bockrolle<br>Fixed castors |  | mm  | mm | mm  | mm | mm | Kg  |  |
|-----------------------------|---------------------------------------|----------------------------|--|-----|----|-----|----|----|-----|--|
| Code:<br>W9460/2/80/1/S82/X | Code:<br>W9460/F/2/80/1/S82/X         | Code:<br>-                 |  | 80  | 28 | 108 | 32 | 12 | 70  |  |
| W9460/2/100/1/S82/X         | W9460/F/2/100/1/S82/X                 | -                          |  | 100 | 30 | 128 | 32 | 12 | 110 |  |
| W9460/2/125/1/S82/X         | W9460/F/2/125/1/S82/X                 | -                          |  | 125 | 32 | 155 | 32 | 12 | 150 |  |
| W9460/2/160/1/S82/X         | W9460/F/2/160/1/S82/X                 | -                          |  | 160 | 38 | 197 | 52 | 12 | 250 |  |
| W9460/2/200/1/S82/X         | W9460/F/2/200/1/S82/X                 | -                          |  | 200 | 45 | 240 | 48 | 12 | 300 |  |

Varianten / Zubehör  
Versions / accessoryAutoklavierbare Rollen auf Anfrage  
Autoclavable castors on request

## Edelstahl-Rollen

**Rad:** Radkörper aus stoß- und schlagfestem Kunststoff.  
**Gehäuse:** Edelstahl, alle Einbauteile sind komplettrostbeständig.

## Stainless Steel castors

**Wheel:** Wheel centre out of plastic.  
**Housing:** Stainless steel housing, all fitted components are completely rust resistant.



Polyamid, gleitgelagert.  
Polyamide, plain bore.

| Lenkrolle<br>Swivel castors | Lenkrolle Stop<br>Swivel castors lock | Bockrolle<br>Fixed castors | Code:<br>Code: | mm | mm  | mm | mm      | mm      | mm | mm   | Kg  | H |
|-----------------------------|---------------------------------------|----------------------------|----------------|----|-----|----|---------|---------|----|------|-----|---|
| W0460/1/80/PAN/X            | W0460/F/1/80/X                        | W0459/1/80/PAN/X           | 80             | 30 | 108 | 32 | 100x80  | 80x60   | 9  | 125  | ■■■ |   |
| W0460/1/100/PAN/X           | W0460/F/1/100/PANX                    | W0459/1/100/PAN/X          | 100            | 35 | 128 | 32 | 100x80  | 80x60   | 9  | 150  | ■■■ |   |
| W0460/1/125/PAN/X           | W0460/F/1/125/PANX                    | W0459/1/125/PAN/X          | 125            | 35 | 155 | 32 | 100x80  | 80x60   | 9  | 200  | ■■■ |   |
| W0460/1/160/PAN/X           | W0460/F/1/160/PANX                    | W0459/1/160/PAN/X          | 160            | 40 | 197 | 52 | 130x106 | 105x80  | 11 | 300  | ■■■ |   |
| W0460/1/200/PAN/X           | W0460/F/1/200/PANX                    | W0459/1/200/PAN/X          | 200            | 50 | 240 | 49 | 130x106 | 105x80  | 11 | 350  | ■■■ |   |
| W0460/1/250/PAN             | W0460/F/1/250/PAN                     | W0459/1/250/PAN            | 250            | 58 | 300 | 55 | 150x150 | 125x125 | 11 | 1100 | ■■■ |   |



Polyamid, gleitgelagert.  
Polyamide, plain bore.

| Lenkrolle<br>Swivel castors | Lenkrolle Stop<br>Swivel castors lock | Bockrolle<br>Fixed castors | Code:<br>Code: | mm | mm    | mm | mm      | mm     | mm | mm  | Kg  | H |
|-----------------------------|---------------------------------------|----------------------------|----------------|----|-------|----|---------|--------|----|-----|-----|---|
| W0460/1/80/S/P4             | W0460/F/1/80/S/P4                     | W0459/1/80/S/P4            | 80             | 34 | 108   | 43 | 100x80  | 80x60  | 9  | 200 | ■■■ |   |
| W0460/1/100/S/P4            | W0460/F/1/100/S/P4                    | W0459/1/100/S/P4           | 100            | 34 | 128   | 42 | 100x80  | 80x60  | 9  | 300 | ■■■ |   |
| W0460/1/125/S/P5            | W0460/F/1/125/S/P5                    | W0459/1/125/S/P5           | 125            | 40 | 155,5 | 53 | 100x80  | 80x60  | 9  | 300 | ■■■ |   |
| W0460/1/125/S/P6            | W0460/F/1/125/S/P6                    | W0459/1/125/S/P6           | 125            | 50 | 164,5 | 61 | 132x110 | 105x80 | 12 | 700 | ■■■ |   |
| W0460/1/160/S/P6            | W0460/F/1/160/S/P6                    | W0459/1/160/S/P6           | 150            | 45 | 195   | 62 | 132x110 | 105x80 | 12 | 700 | ■■■ |   |
| W0460/1/200/S/P6            | W0460/F/1/200/S/P6                    | W0459/1/200/S/P6           | 200            | 50 | 243   | 61 | 132x110 | 105x80 | 12 | 700 | ■■■ |   |



Belag: Elastikpolyurethan 80° Shore A  
Tread: out of polyurethane soft-elastic 80° Shore A

| Lenkrolle<br>Swivel castors | Lenkrolle Stop<br>Swivel castors lock | Bockrolle<br>Fixed castors | Code:<br>Code: | mm | mm    | mm | mm      | mm     | mm | mm  | Kg  | H |
|-----------------------------|---------------------------------------|----------------------------|----------------|----|-------|----|---------|--------|----|-----|-----|---|
| W9460/1/80/S80/4            | W9460/F/1/80/S80/P4                   | W9459/1/80/S80/P4          | 80             | 34 | 108   | 43 | 100x80  | 80x60  | 9  | 130 | ■■■ |   |
| W9460/1/100/S80/P4          | W9460/F/1/100/S80/P4                  | W9459/1/100/S80/P4         | 100            | 34 | 128   | 42 | 100x80  | 80x60  | 9  | 180 | ■■■ |   |
| W9460/1/125/S80/P5          | W9460/F/1/125/S80/P5                  | W9459/1/125/S80/P5         | 125            | 40 | 155,5 | 53 | 100x80  | 80x60  | 9  | 200 | ■■■ |   |
| W9460/1/160/S80/P6          | W9460/F/1/160/S80/P6                  | W9459/1/160/S80/P6         | 160            | 45 | 200   | 62 | 132x110 | 105x80 | 11 | 300 | ■■■ |   |
| W9460/1/200/S80/P6          | W9460/F/1/200/S80/P6                  | W9459/1/200/S80/P6         | 200            | 50 | 243   | 61 | 132x110 | 105x80 | 11 | 450 | ■■■ |   |

## Edelstahl-Rollen

**Rad:** Radkörper aus stoß- und schlagfestem Kunststoff.  
**Gehäuse:** Edelstahl, alle Einbauteile sind komplettrostbeständig.

## Stainless Steel castors

**Wheel:** Wheel centre out of plastic.  
**Housing:** Stainless steel housing, all fitted components are completely rust resistant.



Autoklavierbare Rollen auf Anfrage  
Autoclavable castors on request



Polyamid, gleitgelagert.  
Polyamide, plain bore.

| Lenkrolle<br>Swivel castors | Lenkrolle Stop<br>Swivel castors lock | Bockrolle<br>Fixed castors |  | mm  | mm | mm  | mm | mm | Kg  |  |
|-----------------------------|---------------------------------------|----------------------------|--|-----|----|-----|----|----|-----|--|
| W04601/801/PANX             | W0460F1801/PANX                       | -                          |  | 80  | 30 | 108 | 32 | 12 | 125 |  |
| W04601/1001/PANX            | W0460F11001/PANX                      | -                          |  | 100 | 35 | 128 | 32 | 12 | 150 |  |
| W04601/1251/PANX            | W0460F11251/PANX                      | -                          |  | 125 | 35 | 155 | 32 | 12 | 200 |  |
| W04601/1601/PANX            | W0460F11601/PANX                      | -                          |  | 160 | 40 | 197 | 52 | 12 | 300 |  |
| W04601/2001/PANX            | W0460F12001/PANX                      | -                          |  | 200 | 50 | 240 | 49 | 12 | 350 |  |



Schwerlastrollen, geschweißt, Polyamidrad, gleitgelagert.  
Heavy duty Castor, Electrosoldered, polyamide wheel, plain bore.



| Lenkrolle<br>Swivel castors | Lenkrolle Stop<br>Swivel castors lock | Bockrolle<br>Fixed castors |  | mm  | mm | mm  | mm | mm       | mm      | Kg |      |
|-----------------------------|---------------------------------------|----------------------------|--|-----|----|-----|----|----------|---------|----|------|
| W0711/100                   | W071F1/100                            | W0811/100                  |  | 100 | 35 | 133 | 41 | 100x120  | 76x76   | 11 | 200  |
| W0711/125                   | W071F1/125                            | W0811/125                  |  | 125 | 40 | 175 | 32 | 1138x110 | 105x80  | 10 | 250  |
| W0711/1251                  | W071F1/1251                           | W0811/1251                 |  | 125 | 45 | 165 | 50 | 140x127  | 114x105 | 11 | 550  |
| W0711/150                   | W071F1/150                            | W0811/150                  |  | 150 | 40 | 200 | 40 | 138x110  | 105x80  | 10 | 350  |
| W0711/1501                  | W071F1/1501                           | W0811/1501                 |  | 150 | 48 | 200 | 55 | 150x150  | 125x125 | 11 | 700  |
| W0711/200                   | W071F1/200                            | W0811/200                  |  | 200 | 50 | 250 | 52 | 138x110  | 105x80  | 10 | 500  |
| W0711/2001                  | W071F1/2001                           | W0811/2001                 |  | 200 | 50 | 241 | 65 | 150x150  | 125x125 | 11 | 900  |
| W0711/250                   | W071F1/250                            | W0811/250                  |  | 250 | 60 | 300 | 55 | 150x150  | 125x125 | 13 | 1100 |

Doppel-Schwerlastrollen auf Anfrage  
Double heavy duty castors on request

**Varianten / Zubehör**  
Versions / accessory

**Autoklavierbare Rollen auf Anfrage**  
Autoclavable castors on request

**Edelstahl-Rollen**
**Stainless Steel castors**
**Gehäuse:** Edelstahl, alle Einbauteile sind komplett rostbeständig.

**Housing:** Stainless steel housing, all fitted components are completely rust resistant.

**Thermoplastische Räder, gleitgelagert.**  
Thermoplastic rubber wheel, plain bore.

| Lenkrolle<br>Swivel castors<br>Code: | Lenkrolle Stop<br>Swivel castors lock<br>Code: | Bockrolle<br>Fixed castors<br>Code: |  | mm  | mm | mm  | mm | mm | Kg |  |
|--------------------------------------|--|-------------------------------------|--|-----|----|-----|----|----|----|--|
| W6338/1/50/1                         | W6338/F/1/50/1                                 | -                                   |  | 50  | 18 | 69  | 25 | 11 | 40 |  |
| W6368/1/60/1                         | W6368/F/1/60/1                                 | -                                   |  | 60  | 20 | 88  | 25 | 12 | 50 |  |
| W6338/1/75/1                         | W6338/F/1/75/1                                 | -                                   |  | 75  | 25 | 100 | 24 | 11 | 75 |  |
| W6368/1/80/1                         | W6368/F/1/80/1                                 | -                                   |  | 80  | 22 | 108 | 26 | 12 | 50 |  |
| W6368/1/100/1                        | W6368/F/1/100/1                                | -                                   |  | 100 | 30 | 134 | 35 | 12 | 80 |  |
| W6338/1/125/1                        | W6338/F/1/125/1                                | -                                   |  | 125 | 30 | 159 | 35 | 12 | 80 |  |


**Polyamid, gleitgelagert.**  
Polyamide, plain bore.

| Lenkrolle<br>Swivel castors<br>Code: | Lenkrolle Stop<br>Swivel castors lock<br>Code: | Bockrolle<br>Fixed castors<br>Code: |  | mm  | mm | mm  | mm | mm    | mm    | Kg  |    |
|--------------------------------------|--|-------------------------------------|--|-----|----|-----|----|-------|-------|-----|----|
| W6338/1/50/3                         | W6338/F/1/50/3                                 | W6334/1/50/3                        |  | 50  | 18 | 69  | 25 | 60x60 | 48x48 | 6,3 | 40 |
| W6368/1/60/3                         | W6368/F/1/60/3                                 | W6365/1/60/3                        |  | 60  | 20 | 91  | 25 | 60x60 | 45x45 | 6,3 | 40 |
| W6338/1/75/3                         | W6338/F/1/75/3                                 | W6334/1/75/3                        |  | 75  | 25 | 100 | 24 | 60x60 | 48x48 | 8,5 | 75 |
| W6368/1/80/3                         | W6368/F/1/80/3                                 | W6365/1/80/3                        |  | 80  | 22 | 111 | 26 | 60x60 | 45x45 | 6,3 | 50 |
| W6368/1/100/3                        | W6368/F/1/100/3                                | W6365/1/100/3                       |  | 100 | 30 | 134 | 35 | 76x70 | 60x50 | 8,3 | 80 |
| W6368/1/125/3                        | W6368/F/1/125/3                                | W6365/1/125/3                       |  | 125 | 30 | 159 | 35 | 76x70 | 60x50 | 8,3 | 80 |


**Polyurethan 92° Shore A, Alufelge, Kugellagerung,**  
**antistatisch**, Ableitwiderstand 5x10 hoch 7 Ohm  
Polyurethane wheel, **antistatic**, resistance 5x10 high  
7 Ohm, 92° Shore A, aluminium rim, ball bearing

| Lenkrolle<br>Swivel castors<br>Code: | Lenkrolle Stop<br>Swivel castors lock<br>Code: | Bockrolle<br>Fixed castors<br>Code: |  | mm  | mm | mm    | mm | mm      | mm     | mm   | Kg  |  |
|--------------------------------------|--|-------------------------------------|--|-----|----|-------|----|---------|--------|------|-----|--|
| W11460/3/80/P4/AS                    | W11460/F/3/80/P4/AS                            | W11459/3/80/P4/AS                   |  | 80  | 30 | 108   | 47 | 100x84  | 80x60  | 9    | 140 |  |
| W11460/3/100/P4/AS                   | W11460/F/3/100/P4/AS                           | W11459/3/100/P4/AS                  |  | 100 | 30 | 128   | 47 | 100x84  | 80x60  | 9    | 160 |  |
| W11460/3/125/P5/AS                   | W11460/F/3/125/P5/AS                           | W11459/3/125/P5/AS                  |  | 125 | 30 | 155   | 51 | 100x84  | 80x60  | 9    | 200 |  |
| W11460/3/150/P5/AS                   | W11460/F/3/150/P5/AS                           | W11459/3/150/P5/AS                  |  | 150 | 40 | 195   | 45 | 132x110 | 105x80 | 11,5 | 320 |  |
| W11460/3/160/P6/AS                   | W11460/F/3/160/P6/AS                           | W11459/3/160/P6/AS                  |  | 160 | 50 | 200   | 60 | 132x110 | 105x80 | 12   | 400 |  |
| W11460/3/175/P6/AS                   | W11460/F/3/175/P6/AS                           | W11459/3/175/P6/AS                  |  | 175 | 50 | 230,5 | 59 | 132x110 | 105x80 | 12   | 480 |  |
| W11460/3/200/P6/AS                   | W11460/F/3/200/P6/AS                           | W11459/3/200/P6/AS                  |  | 200 | 50 | 243   | 59 | 132x110 | 105x80 | 12   | 640 |  |

## Elektrisch leitfähige Edelstahl-Rollen

**Rad:** Radkörper aus stoß- und schlagfestem Kunststoff.  
**Gehäuse:** Edelstahl, alle Einbauteile (außer Kugellager) sind komplettrostbeständig, Ableitwiderstand < 10.000 Ohm (10 hoch 4).

## Electrical conductive stainless steel castors

**Wheel:** Wheel centre out of plastic.  
**Housing:** Stainless steel housing, all fitted (except ball bearing) components are completely rust resistant, resistance < 10.000 Ohm (10 high 4).



Varianten / Zubehör  
Versions / accessory



Autoklavierbare Rollen auf Anfrage  
Autoclavable castors on request



Thermoplastische Polyurethanrollen, kugelgelagert, alle Einbauteile (außer Kugellager) sind komplettrostbeständig.  
Thermoplastic polyurethane castors, ball bearing, all fitted (except ball bearing) components are completely rust resistant.

### Lenkrolle Swivel castors

### Lenkrolle Stop Swivel castors lock

### Bockrolle Fixed castors



mm



mm



mm



mm



mm



Kg



H

W9460/3/80/1/AS

W9460/F3/80/1/AS

-

80

25

108

32

12

100

H

W9460/3/100/1/AS

W9460/F3/100/1/AS

-

100

32

128

32

12

150

H

W9460/3/125/1/AS

W9460/F3/125/1/AS

-

125

32

155

32

12

160

H

W9460/3/160/1/AS

W9460/F3/160/1/AS

-

160

46

197

52

12

350

H

W9460/3/200/1/AS

W9460/F3/200/1/AS

-

200

50

88

49

12

350

H



Spurfrei  
trace-free



Thermoplastische Polyurethanrollen, kugelgelagert, alle Einbauteile (außer Kugellager) sind komplettrostbeständig.  
Thermoplastic polyurethane castors, ball bearing, all fitted (except ball bearing) components are completely rust resistant.

### Lenkrolle Swivel castors

### Lenkrolle Stop Swivel castors lock

### Bockrolle Fixed castors



mm



mm



mm



mm



mm



Kg



H

W9460/3/80/AS

W9460/F3/80/AS

W9459/3/80/AS

80

32

108

32

100x80

80x60

9

125

H

W9460/3/100/AS

W9460/F3/100/AS

W9459/3/100/AS

100

32

128

32

100x80

80x60

9

150

H

W9460/3/125/AS

W9460/F3/125/AS

W9459/3/125/AS

125

32

155

32

100x80

80x60

9

160

H

W9460/3/160/AS

W9460/F3/160/AS

W9459/3/160/AS

160

46

197

52

130x106

105x80

11

350

H

W9460/3/200/AS

W9460/F3/200/AS

W9459/3/200/AS

200

50

240

49

130x106

105x80

11

350

H



Spurfrei  
trace-free



Schwerlast-Thermoplastische Polyurethanrollen, kugelgelagert, alle Einbauteile (außer Kugellager) sind komplettrostbeständig.  
Heavy duty thermoplastic polyurethane castors, ball bearing, all fitted (except ball bearing) components are completely rust resistant.

### Lenkrolle Swivel castors

### Lenkrolle Stop Swivel castors lock

### Bockrolle Fixed castors



mm



mm



mm



mm



mm



Kg



H

W9460/3/80/P4/AS

W9460/F3/80/P4/AS

W9459/3/80/P4/AS

80

32

108

47

100x84

80x60

9

130

H

W9460/3/100/P4/AS

W9460/F3/100/P4/AS

W9459/3/100/P4/AS

100

32

128

47

100x84

80x60

9

150

H

W9460/3/125/P5/AS

W9460/F3/125/P5/AS

W9459/3/125/P5/AS

125

32

161

51

100x84

80x60

9

160

H

W9460/3/125/P6/AS

W9460/F3/125/P6/AS

W9459/3/125/P6/AS

125

46

164,5

61

132x110

105x80

12

400

H

W9460/3/150/P5/AS

W9460/F3/150/P5/AS

W9459/3/150/P5/AS

150

32

188

45

132x110

105x80

11,5

180

H

W9460/3/160/P6/AS

W9460/F3/160/P6/AS

W9459/3/160/P6/AS

160

46

200

60

132x110

105x80

12

450

H

**Varianten / Zubehör**  
Versions / accessory

**Autoklavierbare Rollen auf Anfrage**  
Autoclavable castors on request

**Elektrisch leitfähige-Rollen**
**Electrical conductive-castors**

Ableitwiderstand < 10.000  
Ohm (10 hoch 4)

Ohm (10 high 4)


Thermoplastische Polyurethanrollen, kugelgelagert, alle Einbauteile (außer Kugellager) sind komplett rostbeständig.  
Thermoplastic polyurethane castors, ball bearing, all fitted (except ball bearing) components are completely rust resistant.

| Lenkrolle<br>Swivel castors | Lenkrolle Stop<br>Swivel castors lock | Bockrolle<br>Fixed castors |  | mm  | mm | mm  | mm | mm | Kg |  |
|-----------------------------|---------------------------------------|----------------------------|--|-----|----|-----|----|----|----|--|
| W6368/3/60/1/AS             | W6368/F/3/60/1/AS                     | -                          |  | 60  | 25 | 90  | 25 | 12 | 60 |  |
| W6368/3/80/1/AS             | W6368/F/3/80/1/AS                     | -                          |  | 80  | 25 | 109 | 26 | 12 | 60 |  |
| W6368/3/100/1/AS            | W6368/F/3/100/1/AS                    | -                          |  | 100 | 30 | 134 | 35 | 12 | 80 |  |
| W6338/3/125/1/AS            | W6338/F/3/125/1/AS                    | -                          |  | 125 | 30 | 159 | 35 | 12 | 80 |  |


Thermoplastische Polyurethanrollen, kugelgelagert, alle Einbauteile (außer Kugellager) sind komplett rostbeständig.  
Thermoplastic polyurethane castors, ball bearing, all fitted (except ball bearing) components are completely rust resistant.

| Lenkrolle<br>Swivel castors | Lenkrolle Stop<br>Swivel castors lock | Bockrolle<br>Fixed castors |  | mm  | mm | mm  | mm | mm    | mm    | Kg  |    |
|-----------------------------|---------------------------------------|----------------------------|--|-----|----|-----|----|-------|-------|-----|----|
| W6368/3/60/3/AS             | W6368/F/3/60/3/AS                     | W6365/3/60/3/AS            |  | 60  | 25 | 90  | 25 | 60x60 | 45x45 | 6,3 | 60 |
| W6368/3/80/3/AS             | W6368/F/3/80/3/AS                     | W6365/3/80/3/AS            |  | 80  | 25 | 109 | 26 | 60x60 | 45x45 | 6,3 | 60 |
| W6368/3/100/3/AS            | W6368/F/3/100/3/AS                    | W6365/3/100/3/AS           |  | 100 | 30 | 134 | 35 | 76x70 | 60x50 | 8,3 | 80 |
| W6368/3/125/3/AS            | W6368/F/3/125/3/AS                    | W6365/3/125/3/AS           |  | 125 | 30 | 159 | 35 | 76x70 | 60x50 | 8,3 | 80 |


Gummi, Blechfelge, Rollenlagerung  
Rubber wheel, steel rim, roller bearing

| Lenkrolle<br>Swivel castors | Lenkrolle Stop<br>Swivel castors lock | Bockrolle<br>Fixed castors |  | mm  | mm | mm  | mm | mm      | mm      | mm | Kg  |  |
|-----------------------------|---------------------------------------|----------------------------|--|-----|----|-----|----|---------|---------|----|-----|--|
| W841/2/80/AS                | W841/F/2/80/AS                        | W839/2/80/AS               |  | 80  | 30 | 105 | 32 | 105x80  | 80x60   | 9  | 50  |  |
| W841/2/100/AS               | W841/F/2/100/AS                       | W839/2/100/AS              |  | 100 | 30 | 128 | 36 | 105x80  | 80x60   | 9  | 70  |  |
| W841/2/125/AS               | W841/F/2/125/AS                       | W839/2/125/AS              |  | 125 | 37 | 155 | 36 | 105x80  | 80x60   | 9  | 100 |  |
| W841/2/140/AS               | W841/F/2/140/AS                       | W839/2/140/AS              |  | 140 | 37 | 173 | 46 | 115x85  | 80x60   | 9  | 120 |  |
| W841/2/150/AS               | W841/F/2/150/AS                       | W839/2/150/AS              |  | 150 | 37 | 179 | 46 | 115x85  | 80x60   | 9  | 130 |  |
| W841/2/160/AS               | W841/F/2/160/AS                       | W839/2/160/AS              |  | 160 | 40 | 195 | 52 | 135x110 | 105x80  | 11 | 135 |  |
| W841/2/180/AS               | W841/F/2/180/AS                       | W839/2/180/AS              |  | 180 | 50 | 218 | 52 | 138x109 | 105x80  | 11 | 170 |  |
| W841/2/200/AS               | W841/F/2/200/AS                       | W839/2/200/AS              |  | 200 | 50 | 235 | 54 | 135x110 | 105x80  | 11 | 205 |  |
| W841/2/250/AS               | W841/F/2/250/AS                       | W839/2/250/AS              |  | 250 | 60 | 290 | 70 | 200x160 | 160x120 | 14 | 295 |  |
| W841/2/280/AS               | W841/F/2/280/AS                       | W839/2/280/AS              |  | 280 | 70 | 320 | 72 | 200x160 | 160x120 | 14 | 385 |  |

**Antistatic und  
elektrisch leitfähige-  
Räder**

siehe Position

**Antistatic and  
electrical  
conductive-wheels**

see position



Gummi, Blechfelge, Rollenlagerung, **elektrisch leitfähig**  
Ableitwiderstand < 10.000 Ohm (10 hoch 4)  
Rubberwheel, steel rim, roller bearing, **electrical conductive**  
resistance < 10.000 Ohm (10 high 4)

| Räder<br>Wheels | Code: | mm  | mm | mm | mm | Kg  | Symbol |
|-----------------|-------|-----|----|----|----|-----|--------|
| W8/2/80/AS      |       | 80  | 30 | 12 | 40 | 50  | II     |
| W8/2/100/AS     |       | 100 | 30 | 12 | 40 | 70  | III    |
| W8/2/125/AS     |       | 125 | 37 | 15 | 50 | 100 | IV     |
| W8/2/140/AS     |       | 140 | 37 | 20 | 50 | 135 | V      |
| W8/2/150/AS     |       | 150 | 37 | 20 | 50 | 145 | VI     |
| W8/2/160/AS     |       | 160 | 40 | 20 | 60 | 135 | VII    |
| W8/2/180/AS     |       | 180 | 50 | 20 | 60 | 170 | VIII   |
| W8/2/200/AS     |       | 200 | 50 | 20 | 60 | 205 | IX     |
| W8/2/250/AS     |       | 250 | 60 | 25 | 75 | 295 | X      |
| W8/2/280/AS     |       | 280 | 70 | 25 | 75 | 385 | XI     |



Polyurethan 92° Shore A, Alufelge,  
Kugellagerung, **antistatisch**  
Polyurethane wheel, **antistatic**  
92° Shore A, aluminium rim, ball bearing

| Räder<br>Wheels | Code: | mm  | mm | mm | mm | Kg  | Symbol |
|-----------------|-------|-----|----|----|----|-----|--------|
| W11/3/80/AS     |       | 80  | 30 | 12 | 40 | 140 | II     |
| W11/3/100/AS    |       | 100 | 30 | 15 | 30 | 160 | III    |
| W11/3/125/AS    |       | 125 | 30 | 15 | 30 | 200 | IV     |
| W11/3/150/AS    |       | 150 | 40 | 20 | 40 | 320 | V      |
| W11/3/160/AS    |       | 160 | 50 | 20 | 60 | 400 | VI     |
| W11/3/175/AS    |       | 175 | 50 | 20 | 60 | 480 | VII    |
| W11/3/180/AS    |       | 180 | 50 | 20 | 60 | 560 | VIII   |
| W11/3/200/AS    |       | 200 | 50 | 20 | 60 | 640 | IX     |
| W11/3/250/AS    |       | 250 | 60 | 30 | 60 | 800 | X      |

Ableitwiderstand 5 x 10 hoch 7  
resistance 5 x 10 high 7



Polyurethan 92° Shore A, Gussfelge,  
Kugellagerung, **antistatisch**  
Polyurethane wheel, **antistatic**  
92° Shore A, grey casting rim, ball bearing

| Räder<br>Wheels | Code: | mm  | mm | mm | mm | Kg   | Symbol |
|-----------------|-------|-----|----|----|----|------|--------|
| W12/3/80/AS     |       | 80  | 36 | 15 | 36 | 200  | II     |
| W12/3/100/AS    |       | 100 | 30 | 15 | 30 | 200  | III    |
| W12/3/100/1/AS  |       | 100 | 40 | 20 | 40 | 240  | IV     |
| W12/3/125/AS    |       | 125 | 40 | 20 | 40 | 320  | V      |
| W12/3/125/1/AS  |       | 125 | 50 | 20 | 60 | 400  | VI     |
| W12/3/150/AS    |       | 150 | 40 | 20 | 40 | 400  | VII    |
| W12/3/150/1/AS  |       | 150 | 40 | 25 | 40 | 400  | VIII   |
| W12/3/175/AS    |       | 175 | 40 | 20 | 40 | 520  | IX     |
| W12/3/200/AS    |       | 200 | 50 | 25 | 60 | 880  | X      |
| W12/3/250/AS    |       | 250 | 60 | 25 | 60 | 1120 | XI     |
| W12/3/250/1/AS  |       | 250 | 80 | 30 | 80 | 1440 | XII    |
| W12/3/300/AS    |       | 300 | 70 | 30 | 70 | 1760 | XIII   |

Ableitwiderstand 5 x 10 hoch 7  
resistance 5 x 10 high 7



Thermoplastische Polyurethanräder,  
Kugellagerung, **elektrisch leitfähig**  
Thermoplastic polyurethane wheels,  
ball bearing, **electrical conductive**

| Räder<br>Wheels | Code: | mm  | mm | mm | mm | Kg  | Symbol |
|-----------------|-------|-----|----|----|----|-----|--------|
| W9/3/60/AS      |       | 60  | 25 | 6  | 30 | 70  | II     |
| W9/3/80/25AS    |       | 80  | 25 | 8  | 30 | 100 | III    |
| W9/3/80/AS      |       | 80  | 32 | 8  | 36 | 130 | IV     |
| W9/3/100/25AS   |       | 100 | 25 | 8  | 30 | 120 | V      |
| W9/3/100/AS     |       | 100 | 32 | 8  | 36 | 150 | VI     |
| W9/3/125/25/AS  |       | 125 | 25 | 8  | 30 | 130 | VII    |
| W9/3/125/AS     |       | 125 | 32 | 8  | 36 | 160 | VIII   |
| W9/3/125/2/AS   |       | 125 | 46 | 20 | 50 | 400 | IX     |
| W9/3/150/AS     |       | 150 | 32 | 12 | 36 | 180 | X      |
| W9/3/160/AS     |       | 160 | 46 | 20 | 50 | 450 | XI     |
| W9/3/200/32/AS  |       | 200 | 32 | 12 | 32 | 180 | XII    |
| W9/3/200/AS     |       | 200 | 50 | 20 | 50 | 500 | XIII   |

Ableitwiderstand < 10.000 Ohm (10 hoch 4)  
resistance < 10.000 Ohm (10 high 4)



Version / accessory: **directional lock**  
Varianten / Zubehör: **Richtungsfeststeller**

### Antistatic-Schwerlast-Polyurethan-Rollen

**Rad:** Polyurethanbelag in 91° Shore A Härte grau nach RAL 7037, kugelgelagert.  
**Gehäuse:** aus dickwandigem verzinktem Stahlblech gepreßt. Doppelte Kugellagerung im Gabelkopf.

### Antistatic-heavy-polyurethane castors

**Wheel:** Polyurethane tread with 91°Shore A hardness. Colour RAL 7037, ball bearing.  
**Housing:** steel-welded construction, with double ball bearing in the fork head.



Gussfelge, kugelgelagert, Ableitwiderstand 5 x 10 hoch 7 Ohm  
Wheel center out of grey casting, ball bearing, resistance 5 x 10 high 7 Ohm

| Lenkrolle<br>Swivel castors<br>Code: | Lenkrolle Stop<br>Swivel castors lock<br>Code: | Bockrolle<br>Fixed castors<br>Code: | Ø mm | Ø mm | mm    | mm | mm      | mm     | mm   | mm  | Kg | H |
|--------------------------------------|--|-------------------------------------|------|------|-------|----|---------|--------|------|-----|----|---|
| W1241/3/80/P4/AS                     | W1241/F3/80/P4/AS                              | W1239/3/80/P4/AS                    | 80   | 36   | 108   | 47 | 100x84  | 80x60  | 9    | 200 |    | H |
| W1241/3/100/P4/AS                    | W1241/F3/100/P4/AS                             | W1239/3/100/P4/AS                   | 100  | 30   | 128   | 47 | 100x84  | 80x60  | 9    | 200 |    | H |
| W1241/3/100/P4/S/AS                  | W1241/F3/100/S/AS                              | W1239/3/100/S/AS                    | 100  | 40   | 125   | 48 | 135x110 | 105x80 | 10,5 | 240 |    | H |
| W1241/3/125/P5/AS                    | W1241/F3/125/P5/AS                             | W1239/3/125/P5/AS                   | 125  | 40   | 161   | 51 | 100x84  | 80x60  | 9    | 320 |    | H |
| W1241/3/125/S/AS                     | W1241/F3/125/S/AS                              | W1239/3/125/S/AS                    | 125  | 40   | 155   | 40 | 135x110 | 105x80 | 10,5 | 250 |    | H |
| W1241/3/150/P5/AS                    | W1241/F3/150/P5/AS                             | W1239/3/150/P5/AS                   | 150  | 40   | 188   | 45 | 132x110 | 105x80 | 11,5 | 400 |    | H |
| W1241/3/175/P6/AS                    | W1241/F3/175/P6/AS                             | W1239/3/175/P6/AS                   | 175  | 40   | 230,5 | 59 | 132x110 | 105x80 | 12   | 520 |    | H |
| W1241/3/200/P6/AS                    | W1241/F3/200/P6/AS                             | W1239/3/200/P6/AS                   | 200  | 50   | 243   | 59 | 132x110 | 105x80 | 12   | 700 |    | H |



Aluminiumfelge, kugelgelagert, Ableitwiderstand 5 x 10 hoch 7  
Wheel center out of aluminium, ball bearing, resistance 5 x 10 high 7

| Lenkrolle<br>Swivel castors<br>Code: | Lenkrolle Stop<br>Swivel castors lock<br>Code: | Bockrolle<br>Fixed castors<br>Code: | Ø mm | Ø mm | mm    | mm | mm      | mm     | mm   | mm  | Kg | H |
|--------------------------------------|--|-------------------------------------|------|------|-------|----|---------|--------|------|-----|----|---|
| W1141/3/80/P4/AS                     | W1141/F3/80/P4/AS                              | W1139/3/80/P4/AS                    | 80   | 30   | 108   | 47 | 100x84  | 80x60  | 9    | 140 |    | H |
| W1141/3/100/P4/AS                    | W1141/F3/100/P4/AS                             | W1139/3/100/P4/AS                   | 100  | 30   | 128   | 47 | 100x84  | 80x60  | 9    | 160 |    | H |
| W1141/3/100/S/AS                     | W1141/F3/100/S/AS                              | W1139/3/100/S/AS                    | 100  | 40   | 125   | 48 | 135x110 | 105x80 | 10,5 | 225 |    | H |
| W1141/3/125/P5/AS                    | W1141/F3/125/P5/AS                             | W1139/3/125/P5/AS                   | 125  | 30   | 161   | 51 | 100x84  | 80x60  | 9    | 200 |    | H |
| W1141/3/125/S/AS                     | W1141/F3/125/S/AS                              | W1139/3/125/S/AS                    | 125  | 40   | 155   | 40 | 135x110 | 105x80 | 10,5 | 250 |    | H |
| W1141/3/150/P5/AS                    | W1141/F3/150/P5/AS                             | W1139/3/150/P5/AS                   | 150  | 40   | 188   | 45 | 132x110 | 105x80 | 11,5 | 320 |    | H |
| W1141/3/160/P6/AS                    | W1141/F3/160/P6/AS                             | W1139/3/160/P6/AS                   | 160  | 50   | 200   | 60 | 132x110 | 105x80 | 12   | 400 |    | H |
| W1141/3/175/P6/AS                    | W1141/F3/175/P6/AS                             | W1139/3/175/P6/AS                   | 175  | 50   | 230,5 | 59 | 132x110 | 105x80 | 12   | 480 |    | H |
| W1141/3/200/P6/AS                    | W1141/F3/200/P6/AS                             | W1139/3/200/P6/AS                   | 200  | 50   | 243   | 59 | 132x110 | 105x80 | 12   | 640 |    | H |

## Elektrisch leitfähige-Rollen

siehe Position

Ableitwiderstand < 10.000 Ohm  
(10 hoch 4)

## Electrical conductive-castors

see position

resistance < 10.000 Ohm  
(10 high 4)

+ 49 (0) 4122-53027  
[www.raeder-wendt.de](http://www.raeder-wendt.de)



Varianten / Zubehör  
Versions / accessory



Autoklavierbare Rollen auf Anfrage  
Autoclavable castors on request



Kunststoff, schwarz, gleitgelagert.  
Plastic, black, plain bearing.

| Räder<br>Wheels<br>Code: | mm  | mm | mm | mm | Kg  | H    |
|--------------------------|-----|----|----|----|-----|------|
| W0/1/80/AS               | 80  | 30 | 12 | 40 | 130 | ■■■■ |
| W0/1/100/AS              | 100 | 35 | 12 | 40 | 150 | ■■■■ |
| W0/1/125/AS              | 125 | 40 | 15 | 50 | 250 | ■■■■ |
| W0/1/150/AS              | 150 | 40 | 15 | 50 | 270 | ■■■■ |
| W0/1/175/AS              | 175 | 50 | 20 | 60 | 300 | ■■■■ |
| W0/1/200/AS              | 200 | 50 | 20 | 60 | 320 | ■■■■ |



Kunststoff, schwarz, gleitgelagert.  
Plastic, black, plain bearing.

| Lenkrolle<br>Swivel castors<br>Code: | Lenkrolle Stop<br>Swivel castors lock<br>Code: | Bockrolle<br>Fixed castors<br>Code: | mm  | mm | mm  | mm | mm      | mm     | mm | mm  | Kg   | H |
|--------------------------------------|--|-------------------------------------|-----|----|-----|----|---------|--------|----|-----|------|---|
| W041/1/80/AS                         | W041/F1/80/AS                                  | W039/1/80/AS                        | 80  | 30 | 105 | 32 | 105x80  | 80x60  | 9  | 150 | ■■■■ |   |
| W041/1/100/AS                        | W041/F1/100/AS                                 | W039/1/100/AS                       | 100 | 35 | 128 | 36 | 105x80  | 80x60  | 9  | 150 | ■■■■ |   |
| W041/1/125/AS                        | W041/F1/125/AS                                 | W039/1/125/AS                       | 125 | 40 | 155 | 36 | 105x80  | 80x60  | 9  | 200 | ■■■■ |   |
| W041/1/150/AS                        | W041/F1/150/AS                                 | W039/1/150/AS                       | 150 | 40 | 190 | 52 | 135x110 | 105x80 | 11 | 270 | ■■■■ |   |
| W041/1/175/AS                        | W041/F1/175/AS                                 | W039/1/175/AS                       | 175 | 50 | 208 | 52 | 135x110 | 105x80 | 11 | 300 | ■■■■ |   |
| W041/1/200/AS                        | W041/F1/200/AS                                 | W039/1/200/AS                       | 200 | 50 | 235 | 54 | 135x110 | 105x80 | 11 | 320 | ■■■■ |   |



|                    |     |     |     |      |
|--------------------|-----|-----|-----|------|
| W20/250/105/170/AS | 250 | 105 | 170 | 675  |
| W20/250/60/190/AS  | 250 | 60  | 190 | 395  |
| W20/250/130/140/AS | 250 | 130 | 140 | 780  |
| W20/254/102/165/AS | 254 | 102 | 165 | 400  |
| W20/254/127/165/AS | 254 | 127 | 165 | 520  |
| W20/267/127/165/AS | 267 | 127 | 165 | 560  |
| W20/280/60/190/AS  | 280 | 60  | 190 | 430  |
| W20/280/50/220/AS  | 280 | 50  | 220 | 340  |
| W20/300/100/203/AS | 300 | 100 | 203 | 780  |
| W20/330/89/203/AS  | 330 | 89  | 203 | 560  |
| W20/330/114/203/AS | 330 | 114 | 203 | 800  |
| W20/343/140/203/AS | 343 | 140 | 203 | 1160 |
| W20/360/60/270/AS  | 360 | 60  | 270 | 520  |
| W20/405/65/305/AS  | 405 | 65  | 305 | 720  |
| W20/405/130/305/AS | 405 | 130 | 305 | 1200 |
| W20/405/260/305/AS | 405 | 260 | 305 | 2180 |
| W20/406/127/267/AS | 406 | 127 | 267 | 990  |
| W20/406/152/267/AS | 406 | 152 | 267 | 1250 |

## Bandagen Wheels

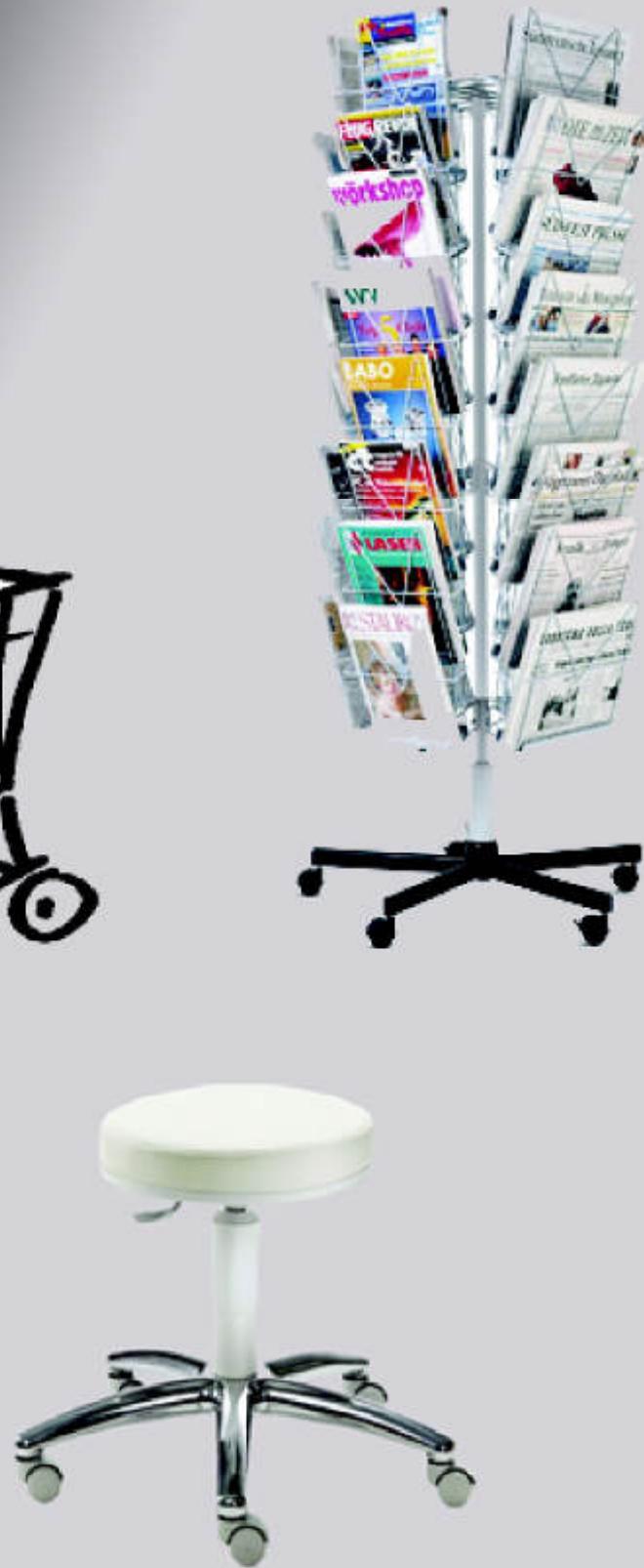
Code:



| Bandagen<br>Wheels<br>Code: | mm  | mm | mm  | Kg  |
|-----------------------------|-----|----|-----|-----|
| W20/180/50/120/AS           | 180 | 50 | 120 | 260 |
| W20/200/85/105/AS           | 200 | 85 | 105 | 440 |
| W20/200/50/140/AS           | 200 | 50 | 140 | 270 |
| W20/250/75/140/AS           | 250 | 75 | 140 | 500 |
| W20/250/80/170/AS           | 250 | 80 | 170 | 540 |

# Apparaterollen

## Apparatus castors



## Apparaterollen-räder

Rad: Radkörper aus Kunststoff.

## Apparatus wheels

Wheel: Wheel centre out of plastic.



Thermoplastische Räder, gleitgelagert.  
Thermoplastic wheels, plain bearing.

| Räder<br>Wheels      | Code: | mm  | mm | mm | mm   | Kg  |     |
|----------------------|-------|-----|----|----|------|-----|-----|
| <b>W6/1/50/6</b>     |       | 50  | 18 | 6  | 21,5 | 40  | II  |
| <b>W6/1/50/8</b>     |       | 50  | 18 | 8  | 21,5 | 40  | III |
| <b>W6/1/75/6</b>     |       | 75  | 24 | 6  | 28   | 50  | II  |
| <b>W6/1/75/8</b>     |       | 75  | 24 | 8  | 28   | 50  | II  |
| <b>W6/1/100/8</b>    |       | 100 | 24 | 8  | 28   | 60  | II  |
| <b>W6/1/100/30/8</b> |       | 100 | 30 | 12 | 36   | 80  | II  |
| <b>W6/1/125/30/8</b> |       | 125 | 30 | 12 | 36   | 100 | II  |



Polyurethan Skaterräder, kugelgelagert.  
Polyurethan skaterwheels, ball bearing.

| Räder<br>Wheels  | Code: | mm  | mm | mm | mm | Kg |    |
|------------------|-------|-----|----|----|----|----|----|
| <b>W/SKA/63*</b> |       | 63  | 18 | 8  | 18 | 35 | II |
| <b>W/SKA/72</b>  |       | 72  | 24 | 8  | 24 | 40 | II |
| <b>W/SKA/80</b>  |       | 80  | 24 | 8  | 24 | 50 | II |
| <b>W/SKA/100</b> |       | 100 | 24 | 8  | 24 | 60 | II |
| <b>W/SKA/125</b> |       | 100 | 24 | 8  | 24 | 70 | II |
| <b>W/SKA/150</b> |       | 125 | 35 | 10 | 36 | 80 | II |

\* Belag schwarz / black tire



Thermoplastische Räder, kugelgelagert.  
Thermoplastic wheels, ball bearing.

| Räder<br>Wheels      | Code: | mm  | mm | mm | mm   | Kg  |    |
|----------------------|-------|-----|----|----|------|-----|----|
| <b>W6/3/50/6</b>     |       | 50  | 18 | 6  | 21,5 | 40  | II |
| <b>W6/3/75/6</b>     |       | 75  | 24 | 6  | 28   | 50  | II |
| <b>W6/3/100/8</b>    |       | 100 | 24 | 8  | 28   | 60  | II |
| <b>W6/3/100/30/8</b> |       | 100 | 30 | 8  | 36   | 80  | II |
| <b>W6/3/125/30/8</b> |       | 125 | 30 | 8  | 36   | 100 | II |



Kunststoffräder, gleitgelagert.  
plastic wheels, plain bearing.

| Räder<br>Wheels     | Code: | mm  | mm | mm | mm | Kg  |    |
|---------------------|-------|-----|----|----|----|-----|----|
| <b>W0/1/15/5</b>    |       | 15  | 12 | 5  | 12 | 20  | II |
| <b>W0/1/25/5</b>    |       | 25  | 14 | 5  | 15 | 30  | II |
| <b>W0/1/30/5</b>    |       | 30  | 15 | 5  | 16 | 35  | II |
| <b>W0/1/32/6</b>    |       | 32  | 18 | 6  | 20 | 40  | II |
| <b>W0/1/38/6</b>    |       | 38  | 18 | 6  | 20 | 40  | II |
| <b>W0/1/45/6</b>    |       | 45  | 18 | 6  | 21 | 45  | II |
| <b>W0/1/50/6</b>    |       | 50  | 18 | 6  | 22 | 50  | II |
| <b>W0/1/50/8</b>    |       | 50  | 18 | 8  | 22 | 50  | II |
| <b>W0/1/75/6</b>    |       | 75  | 24 | 6  | 28 | 60  | II |
| <b>W0/1/75/8</b>    |       | 75  | 24 | 8  | 28 | 60  | II |
| <b>W0/1/100/8</b>   |       | 100 | 24 | 8  | 29 | 60  | II |
| <b>W0/1/100/8/1</b> |       | 100 | 27 | 12 | 32 | 90  | II |
| <b>W0/1/125/8</b>   |       | 125 | 27 | 12 | 32 | 100 | II |

verschiedene ø in natur / different ø white



Polyurethan Räder, kugelgelagert.  
Polyurethane wheels, ball bearing.

| Räder<br>Wheels         | Code: | mm  | mm | mm | mm   | Kg  |    |
|-------------------------|-------|-----|----|----|------|-----|----|
| <b>W6/3/50/6/PU</b>     |       | 50  | 18 | 6  | 21,5 | 40  | II |
| <b>W6/3/75/6/PU</b>     |       | 75  | 24 | 6  | 28   | 50  | II |
| <b>W6/3/100/8/PU</b>    |       | 100 | 24 | 8  | 28   | 65  | II |
| <b>W6/3/100/30/8/PU</b> |       | 100 | 30 | 8  | 36   | 80  | II |
| <b>W6/3/125/30/8/PU</b> |       | 125 | 30 | 8  | 36   | 100 | II |


**Varianten / Zubehör**  
 Versions / accessory

 Autoklavierbare Rollen auf Anfrage  
 Autoclavable castors on request

**Leichte Apparaterollen**

Rad: Radkörper aus

Kunststoff.

 Gehäuse: Stahlblech, verzinkt  
 mit doppelter Kugellagerung  
 im Gabelkopf, Radachse  
 verschraubt. Feststeller mit  
 Doppelstop.

**Light apparatus castors**

 Wheel: Wheel centre  
 out of plastic.

 Housing: Sheet steel  
 housing, glossy zinc-  
 plated, with twin ball  
 bearing in the fork head.  
 Wheel axle screwed.  
 Lock with double stop.

 Belag: Kunststoff / Gleitlagerung  
 Tread: out of plastic / plain bearing

| Lenkrolle<br>Swivel castors<br>Code: | Lenkrolle Stop<br>Swivel castors lock<br>Code: | Bockrolle<br>Fixed castors<br>Code: | Ø mm | H mm | Ø mm | H mm | Ø mm  | H mm   | Ø mm | H mm | Ø mm | H mm | Kg | H |
|--------------------------------------|--|-------------------------------------|------|------|------|------|-------|--------|------|------|------|------|----|---|
| W0330/1/25/3*                        | -  | -                                   | 25   | 14   | 34   | 16   | 40x40 | 29x29  | 5    | 15   |      |      |    |   |
| W0330/1/32/3*                        | -  | -                                   | 32   | 18   | 49   | 16   | 42x42 | 30x30  | 5    | 25   |      |      |    |   |
| W0330/1/38/3*                        | -  | -                                   | 38   | 18   | 52   | 16   | 42x42 | 30x30  | 5    | 25   |      |      |    |   |
| W0330/1/40/3*                        | -  | -                                   | 40   | 18   | 53   | 16   | 42x42 | 30x30  | 5    | 30   |      |      |    |   |
| W0330/1/45/3*                        | -  | -                                   | 45   | 18   | 66   | 17   | 42x42 | 32x32  | 5    | 35   |      |      |    |   |
| W0330/1/50/3                         | W0330/F/1/50/3                                 | W0335/1/50/3                        | 50   | 18   | 72   | 21   | 60x60 | 46x46  | 6,2  | 40   |      |      |    |   |
| W0330/1/75/3                         | W0330/F/1/75/3                                 | W0335/1/75/3                        | 75   | 24   | 101  | 25   | 60x60 | bis/to | 6,2  | 50   |      |      |    |   |
| W0330/1/100/3                        | W0330/F/1/100/3                                | W0335/1/100/3                       | 100  | 24   | 121  | 32   | 60x60 | 38x38  | 6,2  | 60   |      |      |    |   |

\* mit einreihigem Kugellager im Gabelkopf / with single ball bearing in the fork head


 Belag: Thermoplastischer Gummi / Gleitlagerung  
 Tread: out of thermoplastic rubber/ plain bearing

| Lenkrolle<br>Swivel castors<br>Code: | Lenkrolle Stop<br>Swivel castors lock<br>Code: | Bockrolle<br>Fixed castors<br>Code: | Ø mm | H mm | Ø mm | H mm | Ø mm  | H mm   | Ø mm | H mm | Ø mm | H mm | Kg | H |
|--------------------------------------|--|-------------------------------------|------|------|------|------|-------|--------|------|------|------|------|----|---|
| W6330/1/25/3*                        | -  | -                                   | 25   | 13   | 34   | 16   | 48x34 | 36x22  | 5    | 15   |      |      |    |   |
| W6330/1/30/3*                        | -  | -                                   | 30   | 14   | 36   | 16   | 40x40 | 29x29  | 5    | 20   |      |      |    |   |
| W6330/1/40/3*                        | -  | -                                   | 40   | 19   | 63   | 17   | 42x42 | 32x32  | 5    | 35   |      |      |    |   |
| W6330/1/50/3                         | W6330/F/1/50/3                                 | W6335/1/50/3                        | 50   | 18   | 72   | 21   | 60x60 | 46x46  | 6,2  | 40   |      |      |    |   |
| W6330/1/75/3                         | W6330/F/1/75/3                                 | W6335/1/75/3                        | 75   | 24   | 101  | 25   | 60x60 | bis/to | 6,2  | 50   |      |      |    |   |
| W6330/1/100/3                        | W6330/F/1/100/3                                | W6335/1/100/3                       | 100  | 24   | 121  | 32   | 60x60 | 38x38  | 6,2  | 65   |      |      |    |   |

\* mit einreihigem Kugellager im Gabelkopf / with single ball bearing in the fork head


 Belag: Thermoplastischer Gummi / Fadenschutz / Kugellagerung  
 Tread: out of thermoplastic rubber/ threadguard / ball bearing

| Lenkrolle<br>Swivel castors<br>Code: | Lenkrolle Stop<br>Swivel castors lock<br>Code: | Bockrolle<br>Fixed castors<br>Code: | Ø mm | H mm | Ø mm | H mm | Ø mm  | H mm   | Ø mm | H mm | Ø mm | H mm | Kg | H |
|--------------------------------------|--|-------------------------------------|------|------|------|------|-------|--------|------|------|------|------|----|---|
| W6340/3/50/3                         | W6340/F/3/50/3                                 | W6345/3/50/3                        | 50   | 18   | 72   | 21   | 60x60 | 46x46  | 6,2  | 40   |      |      |    |   |
| W6340/3/75/3                         | W6340/F/3/75/3                                 | W6345/3/75/3                        | 75   | 24   | 101  | 25   | 60x60 | bis/to | 6,2  | 50   |      |      |    |   |
| W6340/3/100/3                        | W6340/F/3/100/3                                | W6345/3/100/3                       | 100  | 24   | 121  | 32   | 60x60 | 38x38  | 6,2  | 65   |      |      |    |   |

## Leichte Apparaterollen

**Rad:** Radkörper aus Kunststoff.  
**Gehäuse:** Stahlblech, verzinkt mit doppelter Kugellagerung im Gabelkopf, Radachse verschraubt. Feststeller mit Doppelstop.

## Light apparatus castors

**Wheel:** Wheel centre out of plastic.  
**Housing:** Sheet steel housing, glossy zinc-plated, with twin ball bearing in the fork head. Wheel axle screwed. Lock with double stop.

## Varianten / Zubehör

Versions / accessory



Autoklavierbare Rollen auf Anfrage  
Autoclavable castors on request



Belag: Kunststoff / Gleitlagerung  
Tread: out of plastic / plain bearing

Lenkrolle  
Swivel castors  
Code:

Lenkrolle Stop  
Swivel castors lock  
Code:

Bockrolle  
Fixed castors  
Code:



mm



mm



mm



mm



Kg



W0330/1/30/1

-

30

15

47

14

10,5

30

W0330/1/40/1

-

40

18

61

24

10,5

35

W0330/1/50/1 W0330/F/1/50/1

-

50

18

72

21

10,2

40

W0330/1/75/1

W0330/F/1/75/1

-

75

24

101

25

10,2

50

W0330/1/100/1

W0330/F/1/100/1

-

100

24

121

32

10,2

60



Belag: Thermoplastischer Gummi / Gleitlagerung  
Tread: out of thermoplastic rubber/ plain bearing

Lenkrolle  
Swivel castors  
Code:

Lenkrolle Stop  
Swivel castors lock  
Code:

Bockrolle  
Fixed castors  
Code:



mm



mm



mm



mm



Kg



W6330/1/50/1

W6330/F/1/50/1

-

50

18

72

21

10,2

40

W6330/1/75/1

W6330/F/1/75/1

-

75

24

101

25

10,2

50

W6330/1/100/1

W6330/F/1/100/1

-

100

24

121

32

10,2

65



Belag: Thermoplastischer Gummi / Fadenschutz / Gleitlagerung  
Tread: out of thermoplastic rubber/ threadguard / ball bearing

Lenkrolle  
Swivel castors  
Code:

Lenkrolle Stop  
Swivel castors lock  
Code:

Bockrolle  
Fixed castors  
Code:



mm



mm



mm



mm



Kg



W6340/3/50/1

W6340/F/3/50/1

-

50

18

72

21

10,2

40

W6340/3/75/1

W6340/F/3/75/1

-

75

24

101

25

10,2

50

W6340/3/100/1

W6340/F/3/100/1

-

100

24

121

32

10,2

65

**Varianten / Zubehör**  
 Versions / accessory

 Autoklavierbare Rollen auf Anfrage  
 Autoclavable castors on request

**Schwere Apparaterollen Heavy apparatus castors**
**Rad:** Radkörper aus

Kunststoff.

**Gehäuse:** Stahlblech, verzinkt mit doppelter Kugellagerung im Gabelkopf, Radachse verschraubt. Feststeller mit Doppelstop.

**Wheel:** Wheel centre out of plastic.

**Housing:** Sheet steel housing, glossy zinc-plated, with twin ball bearing in the fork head. Wheel axle screwed. Lock with double stop.

**Belag: Kunststoff / Gleitlagerung**  
 Tread: out of plastic / plain bearing

| Lenkrolle<br>Swivel castors<br>Code: | Lenkrolle Stop<br>Swivel castors lock<br>Code: | Bockrolle<br>Fixed castors<br>Code: | Ø mm | Hub height mm | Width mm | Height mm | Shaft width mm | Shaft height mm | Shaft length mm | Weight Kg | Symbol |
|--------------------------------------|--|-------------------------------------|------|---------------|----------|-----------|----------------|-----------------|-----------------|-----------|--------|
| W0367/1/60/3                         | W0367/F/1/60/3                                 | W0364/1/60/3                        | 60   | 22            | 91       | 26        | 60x60          | 45x45           | 6,5             | 60        | ■■■    |
| W0367/1/80/3                         | W0367/F/1/80/3                                 | W0364/1/80/3                        | 80   | 27            | 111      | 25        | 60x60          | 45x45           | 6,5             | 80        | ■■■    |
| W0367/1/100/3                        | W0367/F/1/100/3                                | W0364/1/100/3                       | 100  | 27            | 135      | 43        | 77x67          | 61,5            | 51,5            | 8,3       | 90     |
| W0367/1/125/3                        | W0367/F/1/125/3                                | W0364/1/125/3                       | 125  | 27            | 160      | 41        | 77x67          | 56              | X 46,5          | 8,3       | 90     |


**Belag: Thermoplastischer Gummi / Gleitlagerung**  
 Tread: out of thermoplastic rubber/ plain bearing

| Lenkrolle<br>Swivel castors<br>Code: | Lenkrolle Stop<br>Swivel castors lock<br>Code: | Bockrolle<br>Fixed castors<br>Code: | Ø mm | Hub height mm | Width mm | Height mm | Shaft width mm | Shaft height mm | Shaft length mm | Weight Kg | Symbol |
|--------------------------------------|--|-------------------------------------|------|---------------|----------|-----------|----------------|-----------------|-----------------|-----------|--------|
| W6367/1/60/3                         | W6367/F/1/60/3                                 | W6364/1/60/3                        | 60   | 20            | 91       | 26        | 60x60          | 45x45           | 6,5             | 60        | ■■■    |
| W6367/1/80/3                         | W6367/F/1/80/3                                 | W6364/1/80/3                        | 80   | 22            | 111      | 25        | 60x60          | 45x45           | 6,5             | 80        | ■■■    |
| W6367/1/100/3                        | W6367/F/1/100/3                                | W6364/1/100/3                       | 100  | 31            | 135      | 43        | 77x67          | 61,5            | 51,5            | 8,3       | 80     |
| W6367/1/125/3                        | W6367/F/1/125/3                                | W6364/1/125/3                       | 125  | 31            | 160      | 41        | 77x67          | 56              | X 46,5          | 8,3       | 100    |


**Belag: Thermoplastischer Gummi / Fadenschutz / Kugellagerung**  
 Tread: out of thermoplastic rubber/ threadguard / ball bearing

| Lenkrolle<br>Swivel castors<br>Code: | Lenkrolle Stop<br>Swivel castors lock<br>Code: | Bockrolle<br>Fixed castors<br>Code: | Ø mm | Hub height mm | Width mm | Height mm | Shaft width mm | Shaft height mm | Shaft length mm | Weight Kg | Symbol |
|--------------------------------------|--|-------------------------------------|------|---------------|----------|-----------|----------------|-----------------|-----------------|-----------|--------|
| W6367/3/60/3                         | W6367/F/3/60/3                                 | W6364/3/60/3                        | 60   | 25            | 91       | 26        | 60x60          | 45x45           | 6,5             | 60        | ■■■    |
| W6367/3/80/3                         | W6367/F/3/80/3                                 | W6364/3/80/3                        | 80   | 25            | 111      | 25        | 60x60          | 45x45           | 6,5             | 80        | ■■■    |
| W6367/3/100/3                        | W6367/F/3/100/3                                | W6364/3/100/3                       | 100  | 31            | 135      | 43        | 77x67          | 61,5            | 51,5            | 8,3       | 80     |
| W6367/3/125/3                        | W6367/F/3/125/3                                | W6364/3/125/3                       | 125  | 31            | 160      | 41        | 77x67          | 56              | X 46,5          | 8,3       | 100    |

## Schwere Apparaterollen Heavy apparatus castors

**Rad:** Radkörper aus Kunststoff.  
**Gehäuse:** Stahlblech, verzinkt mit doppelter Kugellagerung im Gabelkopf, Radachse verschraubt. Feststeller mit Doppelstop.

**Wheel:** Wheel centre out of plastic.  
**Housing:** Sheet steel housing, glossy zinc-plated, with twin ball bearing in the fork head. Wheel axle screwed. Lock with double stop.

**Varianten / Zubehör**  
Versions / accessory



Autoklavierbare Rollen auf Anfrage  
Autoclavable castors on request



**Belag: Kunststoff / Gleitlagerung**  
Tread: out of plastic / plain bearing

| Lenkrolle<br>Swivel castors<br>Code:  | Lenkrolle Stop<br>Swivel castors lock<br>Code: | Bockrolle<br>Fixed castors<br>Code: |  | mm  | mm | mm  | mm | mm   | Kg |  |
|---|--|-------------------------------------|--|-----|----|-----|----|------|----|--|
| W0367/1/60/1  | W0367/F/1/60/1                                 | -                                   |  | 60  | 22 | 88  | 26 | 12,2 | 60 |  |
| W0367/1/80/1  | W0367/F/1/80/1                                 | -                                   |  | 80  | 27 | 108 | 25 | 12,2 | 80 |  |
| W0367/1/100/1   | W0367/F/1/100/1                                | -                                   |  | 100 | 27 | 135 | 43 | 12,2 | 90 |  |
| W0367/1/125/1   | W0367/F/1/125/1                                | -                                   |  | 125 | 27 | 160 | 41 | 12,2 | 90 |  |
| auch mit Rückenlochbohrung 10,2mm lieferbar / Available versions with single bolt hole 10,2mm |  |                                     |  |     |    |     |    |      |    |  |



**Belag: Thermoplastischer Gummi / Gleitlagerung**  
Tread: out of thermoplastic rubber/ plain bearing

| Lenkrolle<br>Swivel castors<br>Code:  | Lenkrolle Stop<br>Swivel castors lock<br>Code: | Bockrolle<br>Fixed castors<br>Code: |  | mm  | mm | mm  | mm | mm   | Kg  |  |
|---|--|-------------------------------------|--|-----|----|-----|----|------|-----|--|
| W6367/1/60/1  | W6367/F/1/60/1                                 | -                                   |  | 60  | 22 | 88  | 26 | 12,2 | 60  |  |
| W6367/1/80/1  | W6367/F/1/80/1                                 | -                                   |  | 80  | 27 | 108 | 25 | 12,2 | 80  |  |
| W6367/1/100/1   | W6367/F/1/100/1                                | -                                   |  | 100 | 27 | 135 | 43 | 12,2 | 80  |  |
| W6367/1/125/1   | W6367/F/1/125/1                                | -                                   |  | 125 | 27 | 160 | 41 | 12,2 | 100 |  |
| auch mit Rückenlochbohrung 10,2mm lieferbar / Available versions with single bolt hole 10,2mm |  |                                     |  |     |    |     |    |      |     |  |



**Belag: Thermoplastischer Gummi / Fadenschutz / Kugellagerung**  
Tread: out of thermoplastic rubber/ threadguard / ball bearing

| Lenkrolle<br>Swivel castors<br>Code:  | Lenkrolle Stop<br>Swivel castors lock<br>Code: | Bockrolle<br>Fixed castors<br>Code: |  | mm  | mm | mm  | mm | mm   | Kg  |  |
|---|--|-------------------------------------|--|-----|----|-----|----|------|-----|--|
| W6367/3/60/1  | W6367/F/3/60/1                                 | -                                   |  | 60  | 25 | 88  | 26 | 12,2 | 60  |  |
| W6367/3/80/1  | W6367/F/3/80/1                                 | -                                   |  | 80  | 25 | 108 | 25 | 12,2 | 80  |  |
| W6367/3/100/1   | W6367/F/3/100/1                                | -                                   |  | 100 | 27 | 135 | 43 | 12,2 | 80  |  |
| W6367/3/125/1   | W6367/F/3/125/1                                | -                                   |  | 125 | 27 | 160 | 41 | 12,2 | 100 |  |
| auch mit Rückenlochbohrung 10,2mm lieferbar / Available versions with single bolt hole 10,2mm |  |                                     |  |     |    |     |    |      |     |  |


**Varianten / Zubehör**  
Versions / accessory

**Autoklavierbare Rollen auf Anfrage**  
Autoclavable castors on request

**Belag: Polyurethan**  
Tread: out of polyurethan

| Lenkrolle<br>Swivel castors<br>Code: | Lenkrolle Stop<br>Swivel castors lock<br>Code: | Bockrolle<br>Fixed castors<br>Code: | Ø mm  | Ø mm   | Ø mm | Kg | H |
|--------------------------------------|--|-------------------------------------|------|------|------|------|-------|--------|------|----|---|
| W/SKA/330/1/50/3                     | W/SKA/330/F/1/50/3                             | W/SKA/335/1/50/3                    | 50   | 20   | 72   | 21   | 60x60 | 46x46  | 6,2  | 40 | H |
| W/SKA/340/3/72/3                     | W/SKA/340/F/3/72/3                             | W/SKA/345/3/72/3                    | 72   | 24   | 99,5 | 25   | 60x60 | bis/to | 6,2  | 40 | H |
| W/SKA/340/3/100/3                    | W/SKA/340/F/3/100/3                            | W/SKA/345/3/100/3                   | 100  | 24   | 121  | 32   | 60x60 | 38x38  | 6,2  | 60 | H |


**Belag: Polyurethan**  
Tread: out of polyurethan

| Lenkrolle<br>Swivel castors<br>Code: | Lenkrolle Stop<br>Swivel castors lock<br>Code: | Bockrolle<br>Fixed castors<br>Code: | Ø mm  | Ø mm   | Ø mm | Kg | H |
|--------------------------------------|--|-------------------------------------|------|------|------|------|-------|--------|------|----|---|
| W/SKA/360/1/50/3                     | W/SKA/360/F/1/50/3                             | -                                   | 50   | 20   | 72   | 30   | 60x60 | 45x45  | 6,2  | 40 | H |
| W/SKA/360/3/72/3                     | W/SKA/360/F/3/72/3                             | -                                   | 72   | 24   | 99,5 | 33   | 60x60 | bis/to | 6,2  | 40 | H |


**Belag: Thermoplastischer Gummi / Gleitlagerung**  
Tread: out of thermoplastic rubber/ plain bearing

| Lenkrolle<br>Swivel castors<br>Code: | Lenkrolle Stop<br>Swivel castors lock<br>Code: | Bockrolle<br>Fixed castors<br>Code: | Ø mm  | Ø mm   | Ø mm | Kg | H |
|--------------------------------------|--|-------------------------------------|------|------|------|------|-------|--------|------|----|---|
| W/6360/1/50/3                        | W/6360/F/1/50/3                                | -                                   | 50   | 2x18 | 72   | 30   | 60x60 | 45x45  | 6,2  | 60 | H |
| W/6360/1/75/3                        | W/6360/F/1/75/3                                | -                                   | 75   | 2x24 | 101  | 33   | 60x60 | bis/to | 6,2  | 80 | H |


**Belag: Thermoplastischer Gummi / Fadenschutz / Kugellagerung**  
Tread: out of thermoplastic rubber/ threadguard / ball bearing

| Lenkrolle<br>Swivel castors<br>Code: | Lenkrolle Stop<br>Swivel castors lock<br>Code: | Bockrolle<br>Fixed castors<br>Code: | Ø mm  | Ø mm   | Ø mm | Kg | H |
|--------------------------------------|--|-------------------------------------|------|------|------|------|-------|--------|------|----|---|
| W/6360/3/50/3                        | W/6360/F/3/50/3                                | -                                   | 50   | 2x18 | 72   | 30   | 60x60 | 45x45  | 6,2  | 60 | H |
| W/6360/3/75/3                        | W/6360/F/3/75/3                                | -                                   | 75   | 2x24 | 101  | 33   | 60x60 | bis/to | 6,2  | 80 | H |

**Apparaterollen**
**Rad:** Radkörper aus

Kunststoff.

**Gehäuse:** Stahlblech, verzinkt mit doppelter Kugellagerung im Gabelkopf, Radachse verschraubt. Feststeller mit Doppelstop.

**Apparatus castors**
**Wheel:** Wheel centre out of plastic.

**Housing:** Sheet steel housing, glossy zinc-plated, with twin ball bearing in the fork head. Wheel axle screwed. Lock with double stop.

## Apparaterollen

**Rad:** Radkörper aus Kunststoff.  
**Gehäuse:** Stahlblech, verzinkt mit doppelter Kugellagerung im Gabelkopf, Radachse verschraubt. Feststeller mit Doppelstop.

## Apparatus castors

**Wheel:** Wheel centre out of plastic.  
**Housing:** Sheet steel housing, glossy zinc-plated, with twin ball bearing in the fork head. Wheel axle screwed. Lock with double stop.



Autoklavierbare Rollen auf Anfrage  
Autoclavable castors on request



Belag: Polyurethan  
Tread: out of polyurethan

| Lenkrolle<br>Swivel castors<br>Code: | Lenkrolle Stop<br>Swivel castors lock<br>Code: | Bockrolle<br>Fixed castors<br>Code: | mm  | mm | mm   | mm | mm   | Kg |   |
|--------------------------------------|--|-------------------------------------|-----|----|------|----|------|----|---|
| W/SKA/330/1/50/1                     | W/SKA/330/F/1/50/1                             | -                                   | 50  | 20 | 72   | 21 | 10,2 | 40 | H |
| W/SKA/340/3/72/1                     | W/SKA/340/F/3/72/1                             | -                                   | 72  | 24 | 99,5 | 25 | 10,2 | 40 | H |
| W/SKA/340/3/100/1                    | W/SKA/340/F/3/100/1                            | -                                   | 100 | 24 | 121  | 32 | 10,2 | 60 | H |



Belag: Polyurethan  
Tread: out of polyurethan

| Lenkrolle<br>Swivel castors<br>Code: | Lenkrolle Stop<br>Swivel castors lock<br>Code: | Bockrolle<br>Fixed castors<br>Code: | mm | mm | mm   | mm | mm   | Kg |   |
|--------------------------------------|--|-------------------------------------|----|----|------|----|------|----|---|
| W/SKA/360/1/50/1                     | W/SKA/360/F/1/50/1                             | -                                   | 50 | 20 | 72   | 21 | 10,2 | 40 | H |
| W/SKA/360/3/72/1                     | W/SKA/360/F/3/72/1                             | -                                   | 72 | 24 | 99,5 | 25 | 10,2 | 40 | H |



Belag: Thermoplastischer Gummi / Gleitlager  
Tread: out of thermoplastic rubber/ plain bearing

| Lenkrolle<br>Swivel castors<br>Code: | Lenkrolle Stop<br>Swivel castors lock<br>Code: | Bockrolle<br>Fixed castors<br>Code: | mm | mm   | mm  | mm | mm   | Kg |   |
|--------------------------------------|--|-------------------------------------|----|------|-----|----|------|----|---|
| W/6360/1/50/1                        | W/6360/F/1/50/1                                | -                                   | 50 | 2x18 | 72  | 30 | 10,2 | 60 | H |
| W/6360/1/75/1                        | W/6360/F/1/75/1                                | -                                   | 75 | 2x24 | 101 | 33 | 10,2 | 80 | H |



Belag: Thermoplastischer Gummi / Fadenschutz / Kugellagerung  
Tread: out of thermoplastic rubber/ threadguard / ball bearing

| Lenkrolle<br>Swivel castors<br>Code: | Lenkrolle Stop<br>Swivel castors lock<br>Code: | Bockrolle<br>Fixed castors<br>Code: | mm | mm   | mm  | mm | mm   | Kg |   |
|--------------------------------------|--|-------------------------------------|----|------|-----|----|------|----|---|
| W/6360/3/50/1                        | W/6360/F/3/50/1                                | -                                   | 50 | 2x18 | 72  | 30 | 10,2 | 60 | H |
| W/6360/3/75/1                        | W/6360/F/3/75/1                                | -                                   | 75 | 2x24 | 101 | 33 | 10,2 | 80 | H |

Varianten / Zubehör  
Versions / accessoryAutoklavierbare Rollen auf Anfrage  
Autoclavable castors on requestBelag: Kunststoff / Gleitlagerung  
Tread: out of plastic / plain bearing

| Lenkrolle<br>Swivel castors | Lenkrolle Stop<br>Swivel castors lock | Bockrolle<br>Fixed castors | mm | mm   | mm  | mm | mm    | mm     | Kg  | H   |
|-----------------------------|---------------------------------------|----------------------------|----|------|-----|----|-------|--------|-----|-----|
| W0360/1/36/3                | W0360/F/1/36/3                        | -                          | 36 | 2x15 | 54  | 35 | 60x60 | 45x45  | 6,2 | 80  |
| W0360/1/50/3                | W0360/F/1/50/3                        | -                          | 50 | 2x18 | 72  | 30 | 60x60 | bis/to | 6,2 | 80  |
| W0360/1/75/3                | W0360/F/1/75/3                        | -                          | 75 | 2x24 | 101 | 33 | 60x60 | 38x38  | 6,2 | 100 |

Version ø 36mm mit Radfeststeller - Version ø 36mm with wheel brake

Belag: Thermoplastischer Gummi /  
Gleitlagerung  
Tread: out of thermoplastic rubber/  
plain bearing

## Einkaufswagenrollen

Rad: Radkörper aus  
Kunststoff.  
Belag: Thermoplastischer  
Gummi.

## Trolley castors

Wheel: Wheel centre  
out of plastic.  
Tread: out of  
thermoplastic rubber.

| Lenkrolle<br>Swivel castors | Lenkrolle Stop<br>Swivel castors lock | Bockrolle<br>Fixed castors | mm  | mm | mm  | mm | mm    | Kg  | H |
|-----------------------------|---------------------------------------|----------------------------|-----|----|-----|----|-------|-----|---|
| W6367/1/75/1/SB             | -                                     | -                          | 75  | 24 | 100 | 30 | 10,2  | 55  |   |
| W6367/1/100/1/SB            | -                                     | -                          | 100 | 30 | 129 | 35 | 12,2* | 80  |   |
| W6367/1/125/1/SB            | -                                     | -                          | 125 | 30 | 155 | 35 | 12,2* | 100 |   |

\*auch mit Rückenlochbohrung 10,2mm lieferbar / Available versions with single bolt hole 10,2mm

Belag: Polyurethan /  
Fadenschutz / Kugellagerung  
Tread: out of polyurethane/  
threadguard / ball bearing

## Einkaufswagenrollen

Rad: Radkörper aus  
Kunststoff.  
Belag: Polyurethan.

## Trolley castors

Wheel: Wheel centre  
out of plastic.  
Tread: out of  
polyurethane.

| Lenkrolle<br>Swivel castors | Lenkrolle Stop<br>Swivel castors lock | Bockrolle<br>Fixed castors | mm  | mm | mm  | mm | mm    | Kg  | H |
|-----------------------------|---------------------------------------|----------------------------|-----|----|-----|----|-------|-----|---|
| W6367/3/75/1/PU/USB         | -                                     | -                          | 75  | 24 | 100 | 30 | 10,2  | 80  |   |
| W6367/3/100/1/PU/USB        | -                                     | -                          | 100 | 30 | 129 | 35 | 12,2* | 100 |   |
| W6367/3/125/1/PU/USB        | -                                     | -                          | 125 | 30 | 155 | 35 | 12,2* | 110 |   |

\*auch mit Rückenlochbohrung 10,2mm lieferbar / Available versions with single bolt hole 10,2mm

Bereifung, Härte ca. 95 Shore A° / tire, hardness abt. 95 Shore A°

## Apparaterollen

**Rad:** Radkörper aus Kunststoff.  
**Gehäuse:** Stahlblech, verzinkt mit doppelter Kugellagerung im Gabelkopf, Radachse verschraubt. Feststeller mit Doppelstop.

## Apparatus castors

**Wheel:** Wheel centre out of plastic.  
**Housing:** Sheet steel housing, glossy zinc-plated, with twin ball bearing in the fork head. Wheel axle screwed. Lock with double stop.



Autoklavierbare Rollen auf Anfrage  
Autoclavable castors on request



Belag: Kunststoff / Gleitlagerung  
Tread: out of plastic / plain bearing

| Lenkrolle<br>Swivel castors | Lenkrolle Stop<br>Swivel castors lock | Bockrolle<br>Fixed castors |  | mm | mm   | mm  | mm | mm   | Kg  |  |
|-----------------------------|---------------------------------------|----------------------------|--|----|------|-----|----|------|-----|--|
| Code:<br>W0360/1/50/1       | Code:<br>W0360/F/1/50/1               | -                          |  | 50 | 2x18 | 72  | 30 | 10,2 | 80  |  |
| Code:<br>W0360/1/75/1       | Code:<br>W0360/F/1/75/1               | -                          |  | 75 | 2x24 | 101 | 33 | 10,2 | 100 |  |



Belag: Thermoplastischer Gummi /  
Fadenschutz / Kugellagerung  
Tread: out of thermoplastic rubber/  
threadguard / ball bearing

## Einkaufswagenrollen

**Rad:** Radkörper aus Kunststoff.  
**Belag:** Thermoplastischer Gummi.

## Trolley castors

**Wheel:** Wheel centre out of plastic.  
**Tread:** out of thermoplastic rubber.

| Lenkrolle<br>Swivel castors | Lenkrolle Stop<br>Swivel castors lock | Bockrolle<br>Fixed castors |  | mm  | mm | mm  | mm | mm    | Kg  |  |
|-----------------------------|---------------------------------------|----------------------------|--|-----|----|-----|----|-------|-----|--|
| Code:<br>W6367/3/75/1/SB    | -                                     | -                          |  | 75  | 24 | 100 | 30 | 10,2  | 55  |  |
| Code:<br>W6367/3/100/1/SB   | -                                     | -                          |  | 100 | 30 | 129 | 35 | 12,2* | 80  |  |
| Code:<br>W6367/3/125/1/SB   | -                                     | -                          |  | 125 | 30 | 155 | 35 | 12,2* | 100 |  |

\*auch mit Rückenlochbohrung 10,2mm lieferbar / Available versions with single bolt hole 10,2mm



Belag: Thermoplastischer Gummi  
Kugellagerung  
Tread: out of thermoplastic rubber  
ball bearing

| Lenkrolle<br>Swivel castors | Bockrolle<br>Fixed castors |  | mm | mm | mm  | mm | mm      | mm      | Kg  |    |
|-----------------------------|----------------------------|--|----|----|-----|----|---------|---------|-----|----|
| Code:<br>W1265/50           | Code:<br>W1260/50          |  | 50 | 18 | 150 | 25 | 59,5x48 | 38x22,5 | 5,3 | 50 |

## Leiterrollen

Gesamt-Federdruck 17Kg,  
für 1mm = 1,5Kg.

## Ladder castors

Spring pressure 17Kg  
for 1mm = 1,5Kg

|  | mm | mm | mm  | mm | mm      | mm      | mm  | mm | Kg |  |
|--|----|----|-----|----|---------|---------|-----|----|----|--|
|  | 50 | 18 | 150 | 25 | 59,5x48 | 38x22,5 | 5,3 | 50 |    |  |

**Varianten / Zubehör**  
Versions / accessory

Mindestabnahme = 20 Stck.  
Minimum order quantity = 20 pcs.

**Lenkrolle**  
**Swivel castors**  
**Code:**
**Lenkrolle Stop**  
**Swivel castors lock**  
**Code:**

|                     |                       |      |      |    |    |       |       |     |    |  |
|---------------------|-----------------------|------|------|----|----|-------|-------|-----|----|--|
| <b>W1805/35/K/3</b> | <b>W1805/F/35/K/3</b> | 2x35 | 2x13 | 46 | 18 | 40x40 | 30x30 | 5,0 | 70 |  |
| <b>W1803/35/3</b>   | <b>W1803/F/35/3</b>   | 2x35 | 2x13 | 50 | 18 | 40x40 | 30x30 | 5,0 | 70 |  |
| <b>W1813/40/3</b>   | <b>W1813/F/40/3</b>   | 2x40 | 2x10 | 54 | 16 | 40x40 | 30x30 | 5,0 | 40 |  |
| <b>W1801/50/3</b>   | <b>W1801/F/50/3</b>   | 2x50 | 2x12 | 65 | 18 | 40x40 | 30x30 | 5,0 | 50 |  |
| <b>W1853PU/50/3</b> | <b>W1853PU/F/50/3</b> | 2x50 | 2x12 | 65 | 18 | 40x40 | 30x30 | 5,0 | 50 |  |

Version K ohne Radabdeckung - Version K are without wheel cover

Version PU mit Polyurethan-Laufbelag - Version PU with polyurethane tread


Mindestabnahme = 20 Stck.  
Minimum order quantity = 20 pcs.

**Lenkrolle**  
**Swivel castors**  
**Code:**
**Lenkrolle Stop**  
**Swivel castors lock**  
**Code:**

|                        |                          |      |      |    |    |        |    |  |
|------------------------|--------------------------|------|------|----|----|--------|----|--|
| <b>W1805/35/K/2/8</b>  | <b>W1805/F/35/K/2/8</b>  | 2x35 | 2x13 | 42 | 18 | M8x15  | 70 |  |
| <b>W1803/35/2/8</b>    | <b>W1803/F/35/2/8</b>    | 2x35 | 2x13 | 46 | 18 | M8x15  | 70 |  |
| <b>W1813/40/2/8</b>    | <b>W1813/F/40/2/8</b>    | 2x40 | 2x10 | 54 | 16 | M8x15  | 40 |  |
| <b>W1813/40/2/10</b>   | <b>W1813/F/40/2/10</b>   | 2x40 | 2x10 | 54 | 16 | M10x15 | 40 |  |
| <b>W1801/50/2/8</b>    | <b>W1801/F/50/2/8</b>    | 2x50 | 2x12 | 65 | 18 | M8x15  | 50 |  |
| <b>W1801/50/2/10</b>   | <b>W1801/F/50/2/10</b>   | 2x50 | 2x12 | 65 | 18 | M10x15 | 50 |  |
| <b>W1853PU/50/2/8</b>  | <b>W1853PU/F/50/2/8</b>  | 2x50 | 2x12 | 65 | 18 | M8x15  | 50 |  |
| <b>W1853PU/50/2/10</b> | <b>W1853PU/F/50/2/10</b> | 2x50 | 2x12 | 65 | 18 | M8x15  | 50 |  |

Version K ohne Radabdeckung - Version K are without wheel cover

Version PU mit Polyurethan-Laufbelag - Version PU with polyurethane tread


Mindestabnahme = 5 Stck.  
Minimum order quantity = 5 pcs.

**Lenkrolle**  
**Swivel castors**  
**Code:**
**Lenkrolle Stop**  
**Swivel castors lock**  
**Code:**

|                         |      |      |    |  |       |    |  |
|-------------------------|------|------|----|--|-------|----|--|
| <b>W1900PU/50/10/30</b> | 2x50 | 2x12 | 68 |  | 10x30 | 50 |  |
| <b>W1900PU/50/11/22</b> | 2x50 | 2x12 | 68 |  | 11x22 | 50 |  |
| <b>W1900/50/10/30</b>   | 2x50 | 2x12 | 68 |  | 10x30 | 50 |  |
| <b>W1900/50/11/22</b>   | 2x50 | 2x12 | 68 |  | 11x22 | 50 |  |

Version PU mit Polyurethan-Laufbelag - Version PU with polyurethane tread

**Möbeldoppelrollen**
**Rad:** Radkörper aus Kunststoff.  
**Gehäuse:** aus Kunststoff  
**Lagerung:** Gleitlager

**Furniture double castors**
**Wheel:** Wheel centre out of plastic.  
**Housing:** out of plastic  
**Bearing:** plain bearing

| mm | Kg |  |
|----|----|----|----|----|----|----|----|----|----|--|

**Stuhlrollen**  
nach DIN 68131  
lastabhängig gebremst

**Chair castors**  
brake - load-dependent

| mm | Kg |  |
|----|----|----|----|----|----|----|----|----|--|

**Lenkrolle**  
**Swivel castors**  
**Code:**
**Lenkrolle Stop**  
**Swivel castors lock**  
**Code:**

|                         |      |      |    |  |       |    |  |
|-------------------------|------|------|----|--|-------|----|--|
| <b>W1900PU/50/10/30</b> | 2x50 | 2x12 | 68 |  | 10x30 | 50 |  |
| <b>W1900PU/50/11/22</b> | 2x50 | 2x12 | 68 |  | 11x22 | 50 |  |
| <b>W1900/50/10/30</b>   | 2x50 | 2x12 | 68 |  | 10x30 | 50 |  |
| <b>W1900/50/11/22</b>   | 2x50 | 2x12 | 68 |  | 11x22 | 50 |  |

## Abweisräder

**Rad:** Radkörper aus Kunststoff oder hartem Gummi, gleitgelagert.  
**Belag:** Weicher Gummi oder harter Kunststoff.

## bumper wheel

**Wheel:** Wheel centre out of plastic or hard rubber, plain bearing.  
**Coating:** Made out of soft rubber or plastic



| Räder<br>Wheels | Code: | mm | mm    | mm | mm | Kg | H   |
|-----------------|-------|----|-------|----|----|----|-----|
| W/AR/75         | 75    | 15 | 15,5  | 24 | -  |    | ■■■ |
| W/AR/90         | 90    | 10 | 25x25 | 20 | -  |    | ■■■ |
| W/AR/95         | 95    | 20 | 30x30 | 12 | -  |    | ■■■ |
| W/AR/100/15     | 100   | 15 | 12,5  | 24 | -  |    | ■■■ |
| W/AR/100/15/1   | 100   | 15 | 15,5  | 24 | -  |    | ■■■ |
| W/AR/100/15/2   | 100   | 15 | 33,0  | 24 | -  |    | ■■■ |
| W/AR/125        | 125   | 15 | 12,5  | 24 | -  |    | ■■■ |
| W/AR/150        | 150   | 15 | 32,5  | 24 | -  |    | ■■■ |

## Drucklager

Serie 197: einfaches Kugellager  
Serie 198: zweireihiges Kugellager

## Thrust ball bearing

Series 197: simple ball bearing  
Series 198: double breasted ball bearing



| Code: | mm   | mm      | mm        | mm   | Kg   |
|-------|------|---------|-----------|------|------|
| W197A | 10,5 | 57x57   | 43x43     | 6,5  | 50   |
| W197B | 19,5 | 95x70   | 75x45     | 6,5  | 280  |
| W198A | 19,0 | 115x85  | 80x55-60  | 9,0  | 250  |
| W198B | 26,0 | 138x109 | 105x75-80 | 11,0 | 600  |
| W199  | 43,0 | 225x145 | 185x105   | 12,0 | 1500 |



Bockrolle  
Fixed castors

Bockrolle  
Fixed castors

| Code:    | mm       | mm | mm | mm | mm | mm | mm    | Kg | H   |    |
|----------|----------|----|----|----|----|----|-------|----|-----|----|
| W1313/13 | -        | -  | 13 | 14 | 12 | -  | ø 26  | 20 | 2,5 | 15 |
| -        | W1313/30 | -  | 30 | 14 | 32 | -  | 52x24 | 40 | 5,5 | 40 |



Bockrolle  
Fixed castors

| Code:    | mm    | Kg | H   |    |
|----------|----|----|----|----|----|----|-------|----|-----|----|
| W1320/15 | -  | -  | 15 | 11 | 17 | -  | 30x16 | 21 | 4,2 | 20 |
| W1320/16 | -  | -  | 16 | 16 | 20 | -  | 43x22 | 32 | 5,2 | 30 |
| W1320/25 | -  | -  | 25 | 14 | 29 | -  | 41x18 | 31 | 4,2 | 35 |
| W1320/30 | -  | -  | 30 | 14 | 33 | -  | 46x20 | 35 | 5,2 | 40 |
| W1320/32 | -  | -  | 32 | 18 | 35 | -  | 52x25 | 39 | 5,2 | 45 |
| W1320/38 | -  | -  | 38 | 18 | 46 | -  | 68x25 | 54 | 6,2 | 45 |
| W1320/40 | -  | -  | 40 | 18 | 47 | -  | 68x25 | 54 | 6,2 | 50 |
| W1320/45 | -  | -  | 45 | 18 | 49 | -  | 68x25 | 54 | 6,2 | 55 |
| W1320/50 | -  | -  | 50 | 19 | 51 | -  | 68x25 | 54 | 6,2 | 60 |

## Kastenbockrollen

**Rad:** Radkörper aus Kunststoff, gleitgelagert.

## Bed frame castors

**Wheel:** Wheel centre out of plastic, plain bearing.

| Code:    | mm    | Kg | H   |    |
|----------|----|----|----|----|----|----|-------|----|-----|----|
| W1320/15 | -  | -  | 15 | 11 | 17 | -  | 30x16 | 21 | 4,2 | 20 |
| W1320/16 | -  | -  | 16 | 16 | 20 | -  | 43x22 | 32 | 5,2 | 30 |
| W1320/25 | -  | -  | 25 | 14 | 29 | -  | 41x18 | 31 | 4,2 | 35 |
| W1320/30 | -  | -  | 30 | 14 | 33 | -  | 46x20 | 35 | 5,2 | 40 |
| W1320/32 | -  | -  | 32 | 18 | 35 | -  | 52x25 | 39 | 5,2 | 45 |
| W1320/38 | -  | -  | 38 | 18 | 46 | -  | 68x25 | 54 | 6,2 | 45 |
| W1320/40 | -  | -  | 40 | 18 | 47 | -  | 68x25 | 54 | 6,2 | 50 |
| W1320/45 | -  | -  | 45 | 18 | 49 | -  | 68x25 | 54 | 6,2 | 55 |
| W1320/50 | -  | -  | 50 | 19 | 51 | -  | 68x25 | 54 | 6,2 | 60 |

**Luft-Rollen**

**Rad:** Kunststofffelge mit Luftbereifung  
**Gehäuse:** Stahlblech, verzinkt mit doppelter Kugellagerung im Gabelkopf, Radachse verschraubt. Feststeller mit Doppelstop.

**Pneumatic castors**

**Wheel:** Wheel centre out of plastic with pneumatic tyre.  
**Housing:** Sheet steel housing, glossy zinc-plated, with twin ball bearing in the fork head. Wheel axle screwed. Lock with double stop.

Räder  
Wheels



| Code:            | mm  | mm  | mm | mm | Kg  | Profil | bar | Ply | Farbe   |   |
|------------------|-----|-----|----|----|-----|--------|-----|-----|---------|---|
| <b>W26/3/150</b> | 150 | 30  | 8  | 36 | 50  | Rille  | 2PR | 2,5 | grau    | H |
| <b>W26/2/185</b> | 185 | 45  | 20 | 48 | 50  | Rille  | 2PR | 2,5 | schwarz | H |
| <b>W26/1/200</b> | 200 | 50  | 20 | 58 | 75  | Rille  | 2PR | 2,5 | schwarz | H |
| <b>W26/2/200</b> | 200 | 50  | 20 | 60 | 75  | Rille  | 2PR | 2,5 | schwarz | H |
| <b>W26/3/200</b> | 200 | 50  | 12 | 40 | 75  | Rille  | 2PR | 2,5 | schwarz | H |
| <b>W26/1/260</b> | 260 | 85  | 20 | 75 | 200 | Block  | 2PR | 2,5 | schwarz | H |
| <b>W26/2/260</b> | 260 | 85  | 20 | 75 | 200 | Block  | 2PR | 2,5 | schwarz | H |
| <b>W26/3/260</b> | 260 | 85  | 20 | 75 | 200 | Block  | 2PR | 2,5 | schwarz | H |
| <b>W26/1/310</b> | 310 | 50  | 20 | 56 | 75  | Rille  | 2PR | 2,5 | schwarz | H |
| <b>W26/3/310</b> | 310 | 50  | 12 | 54 | 75  | Rille  | 2PR | 2,5 | schwarz | H |
| <b>W26/1/400</b> | 400 | 100 | 20 | 75 | 250 | Rille  | 2PR | 2,5 | schwarz | H |
| <b>W26/2/400</b> | 400 | 100 | 20 | 75 | 250 | Rille  | 2PR | 2,5 | schwarz | H |
| <b>W26/3/400</b> | 400 | 100 | 20 | 75 | 250 | Rille  | 2PR | 2,5 | schwarz | H |

Ply: Lagenzahl Profil: Rillen- oder Blockprofil

Ply: number of plies. Profile: Groove- or block profile



Lenkrolle  
Swivel castors  
Code:

Lenkrolle Stop  
Swivel castors lock  
Code:

Bockrolle  
Fixed castors  
Code:



| W2641/3/150/G | W2641/F/3/150/G | W2639/3/150/G | 150 | 30  | 188 | 48 | 90x70   | 70x50   | 9  | 50  | H |
|---------------|-----------------|---------------|-----|-----|-----|----|---------|---------|----|-----|---|
| W2641/2/185   | W2641/F/2/185   | W2639/2/185   | 185 | 45  | 210 | 53 | 135x110 | 105x80  | 11 | 50  | H |
| W2641/2/200   | W2641/F/2/200   | W2639/2/200   | 200 | 50  | 235 | 54 | 135x110 | 105x80  | 11 | 75  | H |
| W2641/2/230   | W2641/F/2/230/V | W2639/2/230   | 230 | 65  | 255 | 61 | 135x110 | 105x80  | 11 | 130 | H |
| W2641/2/260   | W2641/F/2/260/V | W2639/2/260   | 260 | 85  | 295 | 70 | 175x175 | 140x140 | 15 | 200 | H |
| W2641/2/300   | -               | W2639/2/300   | 300 | 100 | 408 | 75 | 150x150 | 125x125 | 10 | 250 | H |
| W2641/2/400   | -               | W2639/2/400   | 400 | 100 | 458 | 75 | 150x150 | 125x125 | 10 | 250 | H |

Ply: Lagenzahl Profil: Rillen- oder Blockprofil

Ply: number of plies. Profile: Groove- or block profile

V = Feststeller im Vorlauf

G = graue Bereifung

V = lock is in the flow

G = grey tyre-tube



Decken, Schläuche, Starlockkappen, Stellringe und Stahlachsen auf Anfrage  
Tyre-Tube, tyre, starlock axle caps, collars and axles for wheel setassembly on request

## Luft-Rollen

**Rad:** Stahlfelge mit Luftbereifung  
**Gehäuse:** Stahlblech, verzinkt mit doppelter Kugellagerung im Gabelkopf, Radachse verschraubt. Feststeller mit Doppelstop.

## Pneumatic castors

**Wheel:** Wheel centre out of steel with pneumatic tyre.  
**Housing:** Sheet steel housing, glossy zinc-plated, with twin ball bearing in the fork head. Wheel axle screwed. Lock with double stop.



| Räder<br>Wheels    |     |     |    |    |     |        |     |     |         |  |  |  |
|--------------------|-----|-----|----|----|-----|--------|-----|-----|---------|--|--|--|
| Code:              | mm  | mm  | mm | mm | Kg  | Profil | bar | Ply | Farbe   |  |  |  |
| <b>W27/2/185</b>   | 185 | 45  | 20 | 60 | 50  | Rille  | 2PR | 2,5 | schwarz |  |  |  |
| <b>W27/2/200</b>   | 200 | 50  | 20 | 60 | 75  | Rille  | 2PR | 2,5 | schwarz |  |  |  |
| <b>W27/3/200</b>   | 200 | 50  | 20 | 50 | 75  | Rille  | 2PR | 2,5 | schwarz |  |  |  |
| <b>W27/2/230</b>   | 230 | 65  | 20 | 75 | 130 | Rille  | 2PR | 2,5 | schwarz |  |  |  |
| <b>W27/2/260</b>   | 260 | 85  | 20 | 75 | 200 | Block  | 2PR | 2,5 | schwarz |  |  |  |
| <b>W27/3/260</b>   | 260 | 85  | 20 | 75 | 200 | Block  | 2PR | 2,5 | schwarz |  |  |  |
| <b>W27/2/310</b>   | 310 | 50  | 20 | 60 | 70  | Rille  | 2PR | 2,5 | schwarz |  |  |  |
| <b>W27/2/400</b>   | 400 | 100 | 20 | 75 | 250 | Rille  | 2PR | 2,5 | schwarz |  |  |  |
| <b>W27/3/400</b>   | 400 | 100 | 25 | 75 | 250 | Rille  | 2PR | 2,0 | schwarz |  |  |  |
| <b>W27/3/400/1</b> | 400 | 100 | 25 | 90 | 250 | Block  | 2PR | 2,0 | schwarz |  |  |  |

Ply: Lagenzahl Profil: Rillen- oder Blockprofil

Ply: number of plies. Profile: Groove- or block profile



| Lenkrolle<br>Swivel castors | Lenkrolle Stop<br>Swivel castors lock | Bockrolle<br>Fixed castors |     |     |     |    |         |         |    |     |    |    |
|-----------------------------|---------------------------------------|----------------------------|-----|-----|-----|----|---------|---------|----|-----|----|----|
| Code:                       | Code:                                 | Code:                      | mm  | mm  | mm  | mm | mm      | mm      | mm | mm  | mm | Kg |
| <b>W2741/3/150/G</b>        | <b>W2741/F/3/150/G</b>                | <b>W2739/3/150/G</b>       | 150 | 30  | 188 | 48 | 90x70   | 70x50   | 9  | 50  |    |    |
| <b>W2741/2/185</b>          | <b>W2741/F/2/185</b>                  | <b>W2739/2/185</b>         | 185 | 45  | 210 | 53 | 135x110 | 105x80  | 11 | 50  |    |    |
| <b>W2741/2/200</b>          | <b>W2741/F/2/200</b>                  | <b>W2739/2/200</b>         | 200 | 50  | 235 | 54 | 135x110 | 105x80  | 11 | 75  |    |    |
| <b>W2741/2/230</b>          | <b>W2741/F/2/230/V</b>                | <b>W2739/2/230</b>         | 230 | 65  | 255 | 61 | 135x110 | 105x80  | 11 | 130 |    |    |
| <b>W2741/2/260</b>          | <b>W2741/F/2/260/V</b>                | <b>W2739/2/260</b>         | 260 | 85  | 295 | 70 | 175x175 | 140x140 | 15 | 200 |    |    |
| <b>W2741/2/245</b>          | <b>W2741/F/2/245/V</b>                | <b>W2739/2/245</b>         | 245 | 80  | 288 | 70 | 175x175 | 140x140 | 15 | 250 |    |    |
| <b>W2741/2/300</b>          | -                                     | <b>W2739/2/300</b>         | 300 | 100 | 408 | 75 | 150x150 | 125x125 | 10 | 250 |    |    |
| <b>W2741/2/400</b>          | -                                     | <b>W2739/2/400</b>         | 400 | 100 | 458 | 75 | 150x150 | 125x125 | 10 | 250 |    |    |

Ply: Lagenzahl Profil: Rillen- oder Blockprofil

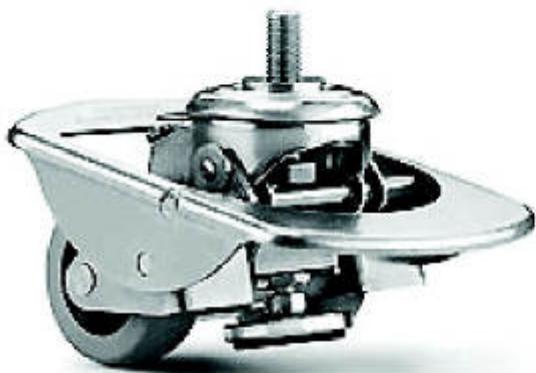
Ply: number of plies. Profile: Groove- or block profile

V = Feststeller im Vorlauf

V = lock is in the flow

G = graue Bereifung

G = grey tyre-tube



**Heberollen**  
Leveling castors



**Spezial Apparaterollen  
Gewinde M10**  
Special apparatus castors  
thread M10



**Spezial Apparaterollen  
Platte 68x48mm**  
Special apparatus castors  
plate 68x48mm



**Spezielle Vulkollanräder**  
Special vulkollan wheels



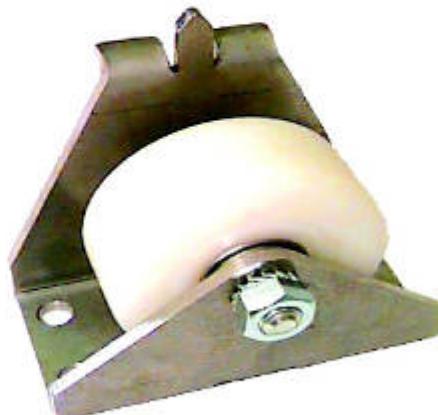
**Spezial-Polyurethan  
Schwerlast-Apparaterollen**  
Special-polyurethane-  
apparatus heavy duty castors



**Spezial Apparaterollen  
Platte 64x64mm**  
Special apparatus castors  
plate 64x64mm



**Spezial-Schwerlast-Rollen**  
Special-heavy-duty-castors



**Laufrolle für Palettenysteme**  
Castors for pallet systems



**Spezial Apparaterollen  
Gewinde M10**  
Special apparatus castors  
thread M10



**Spezial Apparaterollen  
Gewinde M10**  
Special apparatus castors  
with thread M10



**Spezialrolle ø 125mm mit  
Bauhöhe 183mm**  
Special castors ø 125mm  
with height 183mm



**Designerrollen**  
Design castors



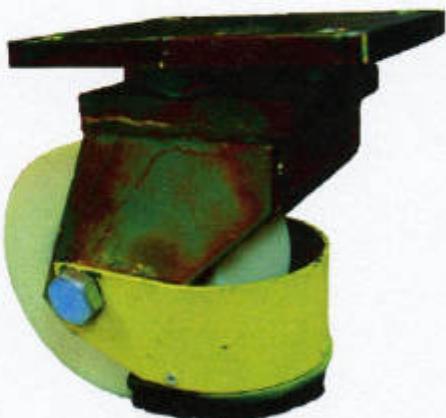
**Spezial Rollen**  
Special castors



**Tragrollen**  
idler wheels



**Antistatische Räder in  
Spezialausführungen**  
Special-antistatic wheels



**Schwerlastrollen mit Fußschutz**  
Heavy duty castors with foot  
protaction



## Liefer- und Verkaufsbedingungen

### Geltungsbereich:

1. Diese Verkaufsbedingungen gelten gegenüber Unternehmen, juristischen Personen des öffentlichen Rechts und öffentlich-rechtlichen Sondervermögen. Unsere Lieferungen und Leistungen erfolgen ausschließlich aufgrund der nachstehenden Bedingungen. Geschäftsbedingungen des Partners, die von uns nicht ausdrücklich anerkannt werden, haben keine Gültigkeit.

### Allgemeine Bestimmungen:

2. Die Vertragspartner werden mündliche Vereinbarungen unverzüglich im Einzelnen schriftlich bestätigen.

3. Bestellungen werden erst mit unserer Auftragsbestätigung verbindlich.

4. Die in Prospekten und Katalogen enthaltenen Angaben und Abbildungen sind Branchen-Naherungswerte, es sei denn, dass sie von uns ausdrücklich als verbindlich bezeichnet wurden.

### Langfrist und Abnahverträge, Preisanspannung:

5. Unbefristete Verträge sind mit einer Frist von 6 Monaten kündbar.

6. Trifft bei Langfristverträgen (Verträge mit einer Laufzeit von mindestens 12 Monaten und unbefristete Verträge) eine wesentliche Änderung der Lohn-, Material- oder Energiekosten ein, so ist jeder Vertragspartner berechtigt, eine angemessene Anpassung des Preises unter Berücksichtigung dieser Faktoren zu verlangen.

7. Ist eine verbindliche Bestellmenge nicht vereinbart, so legen wir unserer Kalkulation die vom Partner für einen bestimmten Zeitraum erwartete, unverbindliche Bestellmenge/Zeilenumenge zugrunde. Nimmt der Partner weniger als die Menge ab, sind wir berechtigt, den Stückpreis angemessen zu erhöhen.

8. Bei Lieferverträgen auf Abruf sind uns, wenn nichts anderes vereinbart ist, vorständliche Mengen mindestens 6 Wochen vor dem Lieftermin durch Abruf mitzuteilen. Mehrkosten, die durch einen verspäteten Abruf oder nachträgliche Änderungen des Abrufs hinsichtlich Zeit oder Menge durch unseren Partner verursacht sind, gehen zu seinen Lasten; dabei ist unsere Kalkulation maßgebend.

### Vertraulichkeit:

9. Jeder Vertragspartner wird alle Unterlagen (dazu zählen auch Muster, Modelle und Daten) und Kenntnisse, die er aus der Geschäftsverbindung erhält, nur für die gemeinsam verfolgten Zwecke verwenden und mit der gleichen Sorgfalt wie entsprechende eigene Unterlagen und Kenntnisse gegenüber Dritten behandeln, wenn der andere Vertragspartner sie als vertraulich bezeichnet oder an ihrer Geheimhaltung ein offenkundiges Interesse hat. Diese Verpflichtung beginnt ab erstmaligem Erhalt der Unterlagen oder Kenntnisse und endet 36 Monate nach Ende der Geschäftsverbindung.

10. Die Verpflichtung gilt nicht für Unterlagen und Kenntnisse, die allgemein bekannt sind oder die bei Erhalt dem Vertragspartner bereits bekannt waren, ohne dass er zur Geheimhaltung verpflichtet war, oder die danach von einem zu Weitergabe berechtigten Dritten übermittelt werden oder die von dem empfangenden Vertragspartner ohne Verwertung geheim zu haltende Unterlagen oder Kenntnisse des anderen Vertragspartners entwickelt werden.

### Zeichnungen und Beschreibungen:

11. Stellt ein Vertragspartner dem anderen Zeichnungen oder technische Unterlagen über die zu liefernde Ware oder ihre Herstellung zur Verfügung, bleiben diese Eigentum des vorliegenden Vertragspartners.

### Muster und Fertigungsmittel:

12. Die Herstellungskosten für Muster und Fertigungsmittel (Werkezeuge, Formen, Schablonen etc.) werden, sofern nichts anderes vereinbart ist, von der zu liefernden Ware gesondert in Rechnung gestellt. Dies gilt auch für Fertigungsmittel, die infolge von Verschleiß ersetzt werden müssen.

13. Die Kosten für die Instandhaltung und saugemaße Aufbewahrung sowie das Risiko einer Beschädigung oder Zerstörung der Fertigungsmittel werden von uns getragen.

14. Setzt der Partner während der Anfertigungszeit der Muster oder Fertigungsmittel die Zusammenarbeit aus oder beendet er sie, gehen alle dahin entstandenen Herstellungskosten zu seinen Lasten.

15. Die Fertigungsmittel bleiben, auch wenn der Partner sie besitzt, mindestens bis zur Abwicklung des Liefervertrages in unserem Besitz. Danach ist der Partner berechtigt, die Fertigungsmittel herauszuverleihen, wenn über den Zeitpunkt der Herausgabe eine einvernehmliche Regelung erzielt wurde und der Partner seinen vertraglichen Verpflichtungen in vollem Umfang nachgekommen ist.

16. Wir verwahren die Fertigungsmittel unentgeltlich drei Jahre nach der letzten Lieferung an unseren Partner. Danach fordern wir unseren Partner schriftlich auf, sich innerhalb von 6 Wochen zur weiteren Verwendung zu äußern. Unsere Pflicht zur Verwahrung endet, wenn innerhalb dieser 6 Wochen keine Aufforderung erfolgt oder keine neue Bestellung aufgegeben wird.

17. Abnehmerbezogene Fertigungsmittel dürfen von uns nur mit vorheriger schriftlicher Zustimmung unseres Partners für Zulieferungen an Dritte verwendet werden.

### Preise:

18. Unsre Preise verstehen sich in Euro ausschließlich Umsatzsteuer, Verpackung, Fracht, Porto und Versicherung.

### Zahlungsbedingungen:

19. Alle Rechnungen sind innerhalb von 30 Tagen ab Rechnungsdatum zur Zahlung innerhalb von 10 Tagen nach Rechnungsdatum gewährt.

20. Haben wir untreulich fehlbare Ware geliefert, ist unser Partner dennoch verpflichtet, die Zahlung für den fehlbaren Anteil zu leisten, es sei denn, dass die Teillieferung für ihn kein Interesse bot. Im Übrigen kann der Partner nur mit rechtsskräftig festgestellten oder unbestrittenen Gegenansprüchen aufrechnen.

21. Bei Zielschreitung sind wir berechtigt, Verzugszinsen in Höhe des Satzes in Rechnung zu stellen, den die Bank uns für Kontokorrentkredite berechnet, mindestens aber in Höhe von 8 Prozentpunkten über dem jeweiligen Basiszinssatz der Europäischen Zentralbank.

22. Bei Zahlungsverzug können wir nach schriftlicher Mitteilung an den Partner die Erfüllung unserer Verpflichtungen bis zum Erhalt der Zahlungen einstellen.

23. Wechsel und Schecks werden nur nach Vereinbarung sowie mir erfahrungshabend und unter der Voraussetzung ihrer Diskontierbarkeit angenommen. Diskontospesen werden vom Tage der Fälligkeit des Rechnungsabtrages als betochnet. Eine Gewähr für rechtzeitige Vorlage des Wechsels und Schecks und für Erhebung von Wechselprotest wird ausgeschlossen.

24. Wenn nach Vertragsschluss erkennbar wird, dass unser Zahlungsanspruch durch mangelnde Leistungsfähigkeit des Partners gefährdet wird, so können wir die Leistung verweigern und dem Partner eine angemessene Frist bestimmen, in welcher er Zug um Zug gegen Lieferung zu zahlen oder Sicherheit zu leisten hat. Bei Verweigerung des Partners oder erfolglosem Fristablauf sind wir berechtigt, vom Vertrag zurückzutreten und Schadensersatz zu verlangen.

### Lieferung:

25. Sofern nichts anderes vereinbart ist, liefern wir „ab Werk“. Maßgebend für die Einhaltung des Lieftermins oder der Lieferzeit ist die Meldung der Versand- bzw. Abholbereitschaft durch uns.

26. Die Lieferzeit beginnt mit der Absendung unserer Auftragsbestätigung und verlängert sich angemessen, wenn die Voraussetzungen von Ziff. 55 vorliegen.

27. Teillieferungen sind in zumutbarem Umfang zulässig. Sie werden gesondert in Rechnung gestellt.

28. Innerhalb einer Toleranz von 10 Prozent der Gesamtmaßnahmen sind fertigstellungsbedingte Mehr- oder Minderrüttelungen zulässig.

### Versand und Gefahrübergang:

29. Versandbereit gemeldete Ware ist vom Partner unverzüglich zu übernehmen. Andernfalls sind wir berechtigt, sie nach eigener Wahl zu versenden oder auf Kosten und Gefahr des Partners zu legen.

30. Mängel besonderer Vereinbarung wählten wir das Transportmittel und den Transportweg.

31. Mit der Übergabe an die Bahn, den Spediteur oder den Frachtführer bzw. mit Beginn der Lagerung, spätestens jedoch mit Verlassen des Werkes oder Lagers, geht die Gefahr auf den Partner über, und zwar auch, wenn wir die Ablieferung übernommen haben.

### Gefahrverzug:

32. Können wir abschließen, dass die Ware nicht innerhalb der Lieferfrist geliefert werden kann, so werden wir den Partner unverzüglich und schriftlich davon in Kenntnis setzen, ihm die Gründe hierfür mitteilen, sowie nach Möglichkeit den voraussichtlichen Lieferzeitpunkt nennen.

33. Verzögert sich die Lieferung durch einen in Ziff. 55 aufgeführten Umstand oder durch ein Handeln oder Untertauchen des Partners, so wird eine den Umständen angemessene Verlängerung der Lieferfrist gewährt.

34. Der Partner ist zum Rücktritt vom Vertrag nur berechtigt, wenn wir die Nichtbeältigung des Lieftermins zu vertreten haben und er uns erfolglos eine angemessene Nachfrist gesetzt hat.

### Eigentumsvorbehalt:

35. Wir behalten uns das Eigentum an der Ware bis zur Erfüllung aller Forderungen aus der Geschäftsverbindung mit dem Partner vor.

36. Der Partner ist berechtigt, diese Waren im ordentlichen Geschäftsgang zu veräußern, solange er seinen Verpflichtungen aus der Geschäftsverbindung mit uns rechtzeitig nachkommt. Er darf jedoch die Vorbehaltsware weder verpfänden noch zur Sicherheit übertragen. Er ist verpflichtet, unsere Rechte beim kreditierten Weiterverkäufer der Vorbehaltsware zu sichern.

37. Bei Pflichtverletzungen des Partners, insbesondere bei Zahlungsverzug, sind wir nach erfolglosem Ablauf einer dem Partner gesetzten, angemessenen Frist zur Leistung zum Rücktritt und zur Rücknahme berechtigt; die gesetzlichen Bestimmungen über die Entbehrlichkeit einer Fristsetzung bleiben unberührt. Der Partner ist zur Herausgabe verpflichtet. Wir sind zum Rücktritt vom Vertrag berechtigt, wenn Antrag auf Eröffnung des Insolvenzverfahrens über das Vermögen des Partners gestellt wird.

38. Alle Forderungen und Rechte aus dem Verkauf oder einer gegebenenfalls dem Partner gestatteten Vermietung von Waren, an denen uns Eigentumsrechte zustehen, trifft der Partner schon jetzt zur Sicherung an uns ab. Wir nehmen die Abrechnung hiermit an.

39. Ein etwaige Be- oder Verarbeitung der Vorbehaltsware mit anderen, nicht uns gehörenden Gegenständen verarbeitet oder un trennbar vermischt, so erweitern wir das Mängelamt an der neuen Sache im Verhältnis des Rechnungswertes der Vorbehaltsware zu den anderen verarbeiteten oder vermischten Gegenständen zum Zeitpunkt der Verarbeitung oder Vermischung. Werden unsere Waren mit anderen beweglichen Gegenständen zu einer einheitlichen Sache verbunden oder un trennbar vermischt und ist die andere Sache als Hauptsache anzusehen, so überträgt der Partner uns anteilmäßig Mängelamt, soweit die Hauptsache ihm gehört. Der Partner verhält das Eigentum oder Mängelamt für uns. Für die durch Verarbeitung oder Verbindung bzw. Vermischung entstehende Sache gilt im Übrigen das gleiche wie für die Vorbehaltsware.

40. Über Zwangsvollstreckungsmaßnahmen Dritter in die Vorbehaltsware, in die die abgenommenen Forderungen oder in sonstige Sicherheiten hat der Partner uns unverzüglich unter Übergabe der für eine Intervention notwendigen Unterlagen zu unterrichten. Dies gilt auch für Beantragung sonstiger Art.

41. Übersteigt der Wert der bestehenden Sicherheiten die gesicherten Forderungen insgesamt um mehr als 20 Prozent, so sind wir auf Verlangen des Partners insoweit zur Freigabe von Sicherheiten nach unserer Wahl verpflichtet.

### Sachmängel:

42. Die Beschafferschaft der Ware richtet sich ausschließlich nach den vereinbarten technischen Liefervorschriften. Falls wir nach Zeichnungen, Spezifikationen, Mustern usw. unseres Partners zu liefern haben, übernimmt dieser das Risiko der Eignung für den vorgesehenen Verwendungszweck.

Entscheidend für den vertragsgemäßen Zustand der Ware ist der Zeitpunkt des Gefahrübergangs gemäß Ziff. 31.

43. Für Sachmängel, die durch ungeeignete, unsachgemäße Verwendung, fehlerhafte Montage bzw. Inbetriebsetzung durch den Partner oder Dritte, übliche Abnutzung, fehlerhafte oder nachlässige Behandlung entstehen, stehen wir ebenso wenig ein wie für die Folgen ursächiger und ohne unsere Einwilligung vorgenommener Änderungen oder Instandsetzungsarbeiten des Partners oder Dritter. Gleiches gilt für Mängel, die den Wert oder die Tauglichkeit der Ware nur unerheblich mindern.

44. Sachmängelansprüche verjähren nach 12 Monaten. Dies gilt nicht, soweit das Gesetz längere Fristen zwingend vorschreibt. Insbesondere für Mängel bei einem Bauwerk und bei einer Ware, die entsprechend ihrer üblichen Verwendungswweise 10 ein Bauwerk verwendet wurde und dessen Mängelhaftigkeit verursacht hat.

45. Wurde eine Abnahme der Ware oder Erstauslieferung vereinbart ist die Röge von Mängeln ausgeschlossen, die der Partner bei sorgfältiger Abnahme oder Erstmustertestung hätte feststellen können.

46. Uns ist Gelegenheit zu geben, den geringen Mängel festzustellen. Beanstandete Ware ist auf Verlangen unverzüglich an uns zurückzusenden; wir übernehmen die Transportkosten, wenn die Mängelhaftigkeit berechtigt ist. Wenn der Partner diesen Verpflichtungen nicht nachkommt oder ohne unsere Zustimmung Änderungen an der bereits beanstandeten Ware vornimmt, verlieren er etwaige Sachmängelansprüche.

47. Bei berechtigter, instanzgemäß Mängelhaftigkeit bessern wir nach unserer Wahl die beanstandete Ware nach oder liefern einwandfreies Ersatz.

48. Kommen wir diesen Verpflichtungen nicht oder nicht vertragsgemäß innerhalb einer angemessenen Zeit nach, so kann der Partner uns schriftlich eine letzte Frist setzen. Innerhalb der wir unseren Verpflichtungen nachzukommen haben. Noch erfolgloser Ablauf dieser Frist kann der Partner Minderung des Preises verlangen, vom Vertrag zurücktreten oder die notwendige Nachbeschaffung selbst oder von einem Dritten auf unsere Kosten und Gefahr vornehmen lassen. Eine Kostenstetzung ist ausgeschlossen; soweit die Aufwendungen sich erhöhen, weil die Ware nach unserer Lieferung an einen anderen Ort verbracht werden ist, es sei denn, dies entspricht dem bestimmungsgemäßen Gebrauch der Ware.

49. Gesetzliche Rückgriffsansprüche des Partners gegen uns bestehen nur insofern, als der Partner mit seinem Abnehmer keine Vereinbarungen getroffen hat, die über die gesetzlichen Mängelansprüche hinausgehen. Für den Umfang der Rückgriffsansprüche gilt ferner Ziff. 48 letzter Satz entsprechend.

### Sonstige Ansprüche, Haftung:

50. Soweit sich nachstehend nichts anderes ergibt, sind sonstige und weitergehende Ansprüche des Partners gegen uns ausgeschlossen. Dies gilt insbesondere für Schadensersatzansprüche wegen Verletzung von Pflichten aus dem Schuldverhältnis und aus unerlaubter Handlung. Wir haften deshalb nicht für Schäden, die nicht an der gelieferten Ware selbst entstanden sind. Vor allem haften wir nicht für entgangenen Gewinn oder sonstige Vermögensschäden des Partners.

51. Vorstehende Verteilungshaftungsbeschränkungen gelten nicht bei Vorsatz, bei grober Fahrlässigkeit unserer gesetzlichen Vertreter oder leitenden Angestellten sowie bei schuldhafter Verletzung wesentlicher Vertragspflichten. Bei schuldhafter Verteilungshaftung wachsen die vertragsgemäß vorhersehbaren Schäden.

52. Die Haftungsbeschränkung gilt ferner nicht in den Fällen, in denen nach Produkthaftungsgesetz bei Fehlern der gelieferten Ware für Personen- oder Sachschäden an privat genutzten Gegenständen gehaftet wird. Sie gilt auch nicht bei der Verletzung von Leben, Körper oder Gesundheit und beim Fehlen von zugesicherten Eigenschaften, wenn und soweit die Zusicherung gerade bekräftigt hat, den Partner gegen Schäden, die nicht an der gelieferten Ware selbst entstanden sind, absichern.

53. Soweit unsere Haftung ausgeschlossen oder beschränkt ist, gilt dies auch für die persönliche Haftung unserer Angestellten, Arbeitnehmer, Mitarbeiter, gesetzlichen Vertreter und Erfüllungsgenossen.

54. Die gesetzlichen Regelungen zur Beweislast bleiben hiervon unberührt.

### Höhere Gewalt:

55. Höhere Gewalt, Arbeitskämpfe, Unruhen, behördliche Maßnahmen, Ausbleiben von Zulieferungen unserer Lieferanten und sonstige unvorhersehbare, unabwendbare und schwersteigende Ereignisse breiten die Vertragspartner für die Dauer der Störung und im Umfang ihrer Wirkung von den Leistungspflichten. Dies gilt auch, wenn diese Ereignisse zu einem Zeitpunkt eintreten, in dem sich der betroffene Vertragspartner im Verzug befindet, es sei denn, dass er den Verzug vorsätzlich oder grob fahrlässig verursacht hat. Die Vertragspartner sind verpflichtet, im Rahmen des Zumutbaren unverzüglich die erforderlichen Informationen zu geben und ihre Verpflichtungen den veränderten Verhältnissen nach Treu und Glauben anzupassen.

### Erfüllungsort, Gerichtsstand und anwendbares Recht:

56. Sofern sich aus der Auftragsbestätigung nichts anderes ergibt, ist unser Geschäftssitz Erfüllungsort.

57. Für alle Rechtsstreitigkeiten, auch im Rahmen eines Wechsel-, und Scheinkontrollprozesses, ist unser Geschäftssitz Gerichtsstand. Wir sind auch berechtigt, am Sitz des Partners zu klagen.

58. Auf die Vertragsbedingung ist ausschließlich das Recht der Bundesrepublik Deutschland anzuwenden. Die Anwendung des Übereinkommens der Vereinten Nationen vom 11. April 1980 über Verträge über den Warenauftrag (CISG - Wiener Kaufrecht) ist ausgeschlossen.



## Terms of delivery and sale

Scope 1. These terms are valid with regard to businessmen, legal entities of the public law and public legal properties. Our deliveries and performances are exclusively carried out due to the following conditions. Business conditions of the partner which are not recognized by us particularly are not valid. General regulations 2. The contracting parties will immediately confirm verbal agreements in writing in particular. 3. Orders get obligatory only with our order confirmation. 4. The details contained in leaflets and catalogues are industry-specific approximation values, unless that they were particularly described as obligatory by us. Long period and call contracts, price customization 5. Permanent contracts are terminable with a period of 6 months. 6. If at long period contracts (contracts with a running time of at least 12 months and permanent contracts) an essential change for the pay-, material- or energy costs appear, every contracting party is authorized to require an adequate customization of the price under consideration of these factors. 7. If an obligatory order quantity is not agreed, then we base our calculation on the order quantity which is expected by the partner for a particular time period and non-committal. If the partner takes less than the aim quantity, we are authorized to increase the unit price adequately. 8. At contracts of sale on call we have to be informed – if nothing else is agreed – about obligatory lots at least 6 weeks before the delivery date by call. Additional costs which are caused by a delayed call or later changes of the call with regard to the time or quantity by our partner are for his account; at this our calculation is authoritative. Confidentiality 9. Every contracting party will use all documents (also samples, models and dates belong to) and knowledge received from the business connection only for the purposes pursued jointly and keep secret with the same care as corresponding own documents and knowledge against third parties if the other contract partner describes them as confidential or has an obvious interest in its secrecy. This obligation starts at the first receipt of the documents or knowledge and ends 36 months after the end of the business connection. 10. The obligation does not apply to documents and knowledge which are generally known or already known by the contract partner at receipt, this one without being obliged to the secrecy or which thereafter being transmitted by a third authorized partner or which being developed from the receiving contracting partner, without utilization of documents or knowledge of the other contracting partner to be kept secret. Drawings and descriptions 11. The contracting partner provides the other one with drawings or technical documents for the goods to be delivered or for their production those remain property of the presenting contracting partner. Samples and production means 12. The production costs for samples and production means (tools, forms, stencils etc.) for the goods to be delivered are charged separately, provided that nothing else is agreed. This applies also to production means which have to be replaced because of wear. 13. The costs for the maintenance and proper storage as well as the risk of damage or destruction of production means are borne by us. 14. The partner exposes the cooperation during the production time of the samples or production means or he ends it, all production costs ensue till then are for his account. 15. The production means remain, even if the partner has paid them, at least upto the carrying out of the contract or sale in our possession. After that the partner is entitled to demand for the production means if over the time of the handing out a cojoint regulation was obtained and the partner met his contractual liabilities on full scale. 16. We keep the production means safe free of charge for three years after the last delivery to our partner. After that we ask our partner in writing to make a comment within six weeks for the further use. Owing to the keeping ends, if within those six weeks no remarks are given or no new order is placed. 17. Customer-refering production means for third parties may only be used by us with a previous written consent of our partner. Prices 18. Our prices are to be understood in EURO excluding value added tax (VAT), packing, freight, postage and insurance. Terms of payment 19. All invoices are due for payment within 30 days as per date of invoice. A discount of 2% is granted in case of payment within 10 days after date of invoice. 20. Did we deliver indisputably partly faulty goods our partner is nevertheless obliged to make the payment for the fault-free part, it is then, the part delivery did not offer an interest. Furthermore the partner can only charge with finally established undisputed counter-claims. 21. At a transgression we are authorized to charge for default interests in amount of the rate which the bank charges us for advances on account, but at least in the amount of 8 percentage points above the respective basic interest rate of the European Central Bank. 22. At delay in payment we can – after written information to our partner – stop our fulfillment of obligations until the receipt of the payments. 23. Bills of exchange and checks are only accepted after agreement and only as full payment and under the prerequisite of their possibility of discounting. Discount expenses are charged from the settlement date of the invoice amount. A timely guarantee for the presentation of the bill of exchange and check and for the investigation of protest of a bill is excluded. 24. After contracting it is recognizable that our payment claim is jeopardized by lacking efficiency of the partner we can refuse the performance and determine an adequate period to the partner, in which he has to pay step by step against delivery or to offer securities. At refusal of the partner or unsuccessful period expiry we are entitled to withdraw from the contract and ask for compensation. Delivery 25. If nothing else is agreed we deliver "ex works". Authoritative for keeping the delivery date or the delivery period is the report of the dispatch- or collection-readiness respectively by us. 26. The delivery period starts with the dispatch of our order confirmation and prolongs itself adequately if the prerequisites of no. 65 exist. 27. Partial deliveries are permitted in a reasonable scale. They are charged separately. 28. Within a tolerance of 10 percent of the total order quantity production conditional increases or shortages of delivery are permitted. Dispatch and danger transition 29. Goods reported ready for dispatch have to be taken by the partner immediately. Otherwise we are authorized to send them as per our choice or to store them at the expense and risk of the partner. 30. For lack of special agreement we choose the means of transport and the transport route ourselves. 31. With the handing over to the train, the forwarding agency or the carrier, respectively with the beginning of the storage – but at the latest with the leaving of the factory or the store – the danger changes to the partner, also if we have taken over the delivery.

Delay in delivery 32. We cannot foresee that the goods cannot be delivered within the delivery period, then we will advise the partner immediately in writing, inform him about the reasons and, according

to possibility, mention the expected delivery date. 33. Is the delivery delayed by a circumstance listed in no. 55 or by a handling or refraining of the partner, a prolongation of the delivery period, adequate to the circumstances, is granted. 34. The partner is only entitled to withdraw from the contract, if we have to represent the non-compliance of the delivery date and he has given us an adequate extension without success. Reservation of title 35. We reserve the property for the goods until fulfillment of all demands out of the business connection with the partner. 36. The partner is entitled to sell the goods in the proper business as long as he fulfills his obligations out of the business connection with us punctually. But he may neither pawn the reservation goods nor make them over to offer security. He is obliged to safeguard our rights at the credited resale of the reservation goods. 37. At breaches of duty of the partner, especially at delay in payment we are – after unsuccessful expiry of an adequate deadline set to the partner – entitled for resignation and repurchase, the legal regulations about the dispensability of a deadline set, remain untouched. The partner is obliged for the handing back. We are entitled to withdraw from the contract, if an application for opening of the insolvency method about the property of the partner is made. 38. All demands and rights out of the selling or rent of goods, if necessary allowed to the partner, to which we are entitled to the rights of ownership, the partner already now transfers for save. We accept the transfer hereby. 39. A possible treating and processing of the reservation goods the partner constantly carries out for us. Are the reservation goods processed with other parts not belonging to us or are mixed inseparable, so we acquire the co-ownership of the new thing in proportion to the invoice value of the reservation goods to the other processed or mixed things at the date of processing or mixing. Are our goods connected with other movable objects to an uniform thing or are mixed inseparable and has the other thing to be seen as main thing, so the partner transfers proportionally co-ownership to us, thus far the main thing belongs to him. The partner keeps the property or co-ownership safe for us. The same applies to the thing arising from processing or connection respectively mixing as for the reservation goods. 40. The partner has to inform us immediately about execution measures of third parties into the reservation goods, in the demands handed over to us or into other securities by handing over the documents necessary for an intervention. This also applies to impairment of another manner. 41. If the value of the existing securities exceeds the protected demands by more than 20 %, then we are on desire of the partner insofar obliged to release securities as per our choice. Material defects 42. The composition of the product goes exclusively by the technical delivery regulations agreed upon. If we still have to provide drawings, specifications, samples etc. of our partner, he takes over the risk of the suitability for the scheduled use. Decisive for the condition of the product stipulated in the contract is the time of the danger transition as per no. 31. 43. For material defects arising by unsuitable, improper use, faulty assembly respectively setting into operation by the partner or third parties, usual wear and tear, faulty or careless treating we answer as little as for the consequences of improper use and changes, and overhaul work carried out by the partner or third parties without our agreement. The same applies to defects which only insignificantly reduce the value or the suitability of the product. 44. Material defect claims are in lapse within 12 months. This does not apply, as far as the law stipulates longer periods mandatorily, particularly for defects at a building and at a product, which according to its usual manner of use has been used for a building and has caused its faultiness. 45. If a purchase of the goods or an examination of the first sample was agreed, the reprimand of defects is excluded, which the partner could have noticed at the careful purchase or the first sample examination. 46. The opportunity is given to us to ascertain the reproached defects. Goods complained about are – on demand – sent back to us, we agree to pay the transport charges if the customer's complaint is justifiable. If the partner does not fulfill these obligations and carries out changes at the goods already queried without our agreement, he loses possible material defect claims.

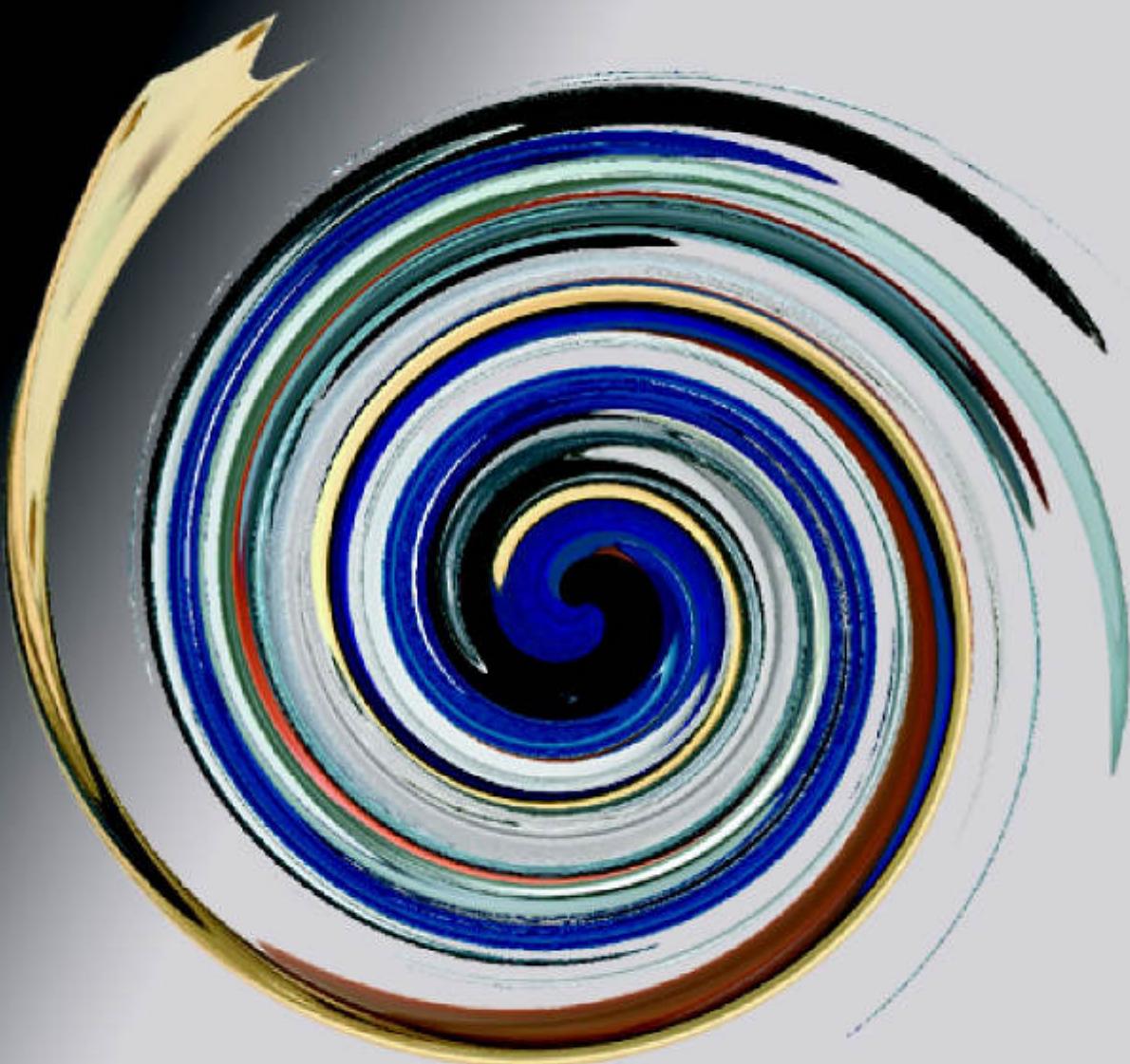
47. At justifiable customers' complaint in due time we improve the queried goods according to our choice or will replace them. 48. Do we not meet these liabilities or not according to the contract within an adequate period, the partner can set a last deadline in writing, within which we have to meet our liabilities. After unsuccessful expiry of this deadline the partner may demand for reduction of the price, withdraw from the contract or carry out the necessary improvements himself or by a third party at our expenses and risk. A reimbursement of the costs is excluded as far as the charges increase, because the goods after our delivery have been brought to another place, unless this corresponds to the use of the goods as agreed. 49. Legal redress claims of the partner against us only exist insofar as the partner did not reach agreements with his buyer, which go beyond legal defect claims. For the size of the redress claims also no. 43, last sentence, is valid. Other claims, liability 50. As far as the following is giving up nothing else, other or further claims of the partner against us are excluded. This is especially valid for the claims for compensation, because of injury of duties out of the relationship of debenture and out of forbidden handling. Therefore we are not liable for damages, which not incurred at the delivered goods themselves. Above all we are not liable for escaped profit or other fortune damages of the partner. 51. Above mentioned limitations of liability do not apply to firm intention, at gross negligence of our legal representatives or executives as well as at a culpable injury of essential contract duties. At culpable injury of essential contract duties we are liable – except in case of the intention or the gross negligence of our legal representatives or executives – only for the contract typical reasonably enough foreseeable damage. 52. The limitation of liability furthermore is not valid in those cases in which as per product liability law – in case of faults of the delivered goods for injury of persons or material loss at objects used privately – liability is accepted. It also does not be valid in case of injury of life, body or health and if assured quality is failing, if and on the whole the assurance just has aimed, to protect the partner against damages, which did not arise at the delivered goods themselves. 53. As far as our liability is excluded or restricted, this applies also to the personal liability of our employees, legal representatives and fulfillment assistants. 54. The legal regulations to the burden of proof remain untouched of this. Act of God 55. Act of god, industrial actions, troubles, official measures, no-delivery of our suppliers and other unforeseeable, inevitable and serious events free the contracting parties from the obligations for the duration of the disturbance and on the scale of their effect. This is also valid, if these events arise at a time in which the contracting partner concerned is in delay, unless that he has deliberately or roughly negligent caused it. The contracting partners are obliged to give immediately in the context of the reasonable one the required informations and adapt their obligations to the changed conditions in good faith. Place fulfillment, legal venue and applicable right 56. If nothing else from the order confirmation is arising, our place of business is place of performance. 57. For all right disputes – also in the context of a bill of exchange- or check process – our place of business is place of jurisdiction. We are also authorized to complain at the place of the partner. 58. On the contract relation exclusively the right of the Federal Republic of Germany is used. The application of the agreement of the United Nations from April 11, 1980 regarding contracts for the purchase of goods (CISG Wiener Kaufrecht) is excluded.

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