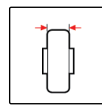
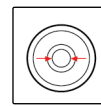


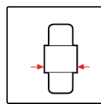
Wheel diameter
Raddurchmesser
Diámetro roue
Diámetro rueda
Wieldiameter
Диаметр колеса
Diâmetro da Roda



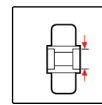
Wheel width
Radbreite
Lergure de la roue
Ancho bandaje
Wielbreedte
Ширина колеса
Largura da Roda



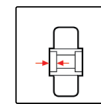
Hub bore diameter
Bohrungsdurchmesser
Alésage
Diámetro del eje
Diameter asgat
Диаметр ступицы
Diâmetro do Furo



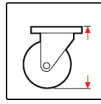
Hub length
Nabenlänge
Longueur du moyeu
Ancho buje
Naafleugte
Длина ступицы
Largura do núcleo



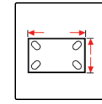
Ball bearing seat diameters
Kugellagersitzdurchm.
Diamètre de la siége
Diám. alojam. cojinetes
Diameter kogellagerhuis
Диам. гнез. подшипников
Diâmetro da sede p/ rolamentos



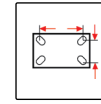
Ball bearing seat depth
Kugellagersitztiefe
Profondeur de la siége
Prof. alojam. cojinetes
Diameter kogellagerhuis
Глуб. гнез. подшипников
Profundidade da sede p/ rolamentos



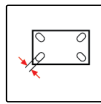
Overall height
Bauhöhe
Hauteur totale
Altura total
Totale hoogte
Общая высота
Altura total



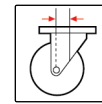
Top-plate dimensions
Platten-Aussemasse
Dim. extérieur. de la platine
Dimensiones pletina
Afmeting bevestigingsplaat
Габариты панели
Dimensões externas da placa



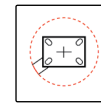
Hole spacing
Schraublochentfernung
Entreaxes trous d. fixation
Distancia entre agujeros
Afstand bevestigingsgaten
Меж. расстояние крепежных отверстий
Distância entre furos de fixação



Hole width
Schraublochabmessung
Diamètre des trous
Diámetro agujeros
Diam. bevestigingsgaten
Диаметр отверстий панели
Diâmetro dos Furos da Placa



Offset
Ausladung
Déport
Excentricidad
Zwenkuitslag
Смещение осей
Excentricidade



Brake swept radius
Feststeller Schwenkradius
Rayon d'encombrement du frein
Radio de giro freno
Nalooprem Zwenkradius
Радиус габаритных размеров тормоза
Raio de Giro do Freio

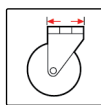
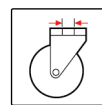
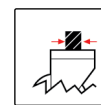


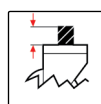
Plate diameter
Plattenaussendurchmesser
Diamètre platine
Diámetro pletina
Diameter bevestigingsplaat
Диаметр панели
Diâmetro da Placa



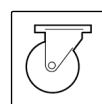
Bolt hole diameter
Rückenlochdurchmesser
Diamètre du trou de fixation
Diámetro del taladro pasador
Diameter bevestigingsgat
Диаметр крепежного отверстия
Diâmetro do furo de fixação



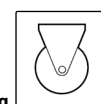
Threaded stem diameter
Gewindezapfendurchmesser
Diamètre de la tige filetée
Diámetro espiga roscada
Draadstiftdiameter
Диаметр резьбового стержня
Diâmetro espiga com rosca



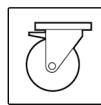
Threaded stem length
Gewindezapfenlänge
Longueur de la tige filetée
Longitud espiga roscada
Draadstiftleugte
Длина резьбового стержня
Altura da espiga com rosca



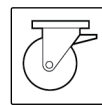
Swivel castor with top-plate
Lenkrolle mit Platte
Roulette pivotante à platine
Soporte giratorio con pletina
Zwenkwiel met plaatbevestiging
Поворотный кронштейн с панелью
Suporte giratório com placa



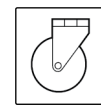
Fixed castor
Bockrolle
Roulette fixe
Soporte fixo
Bokwiel
Фиксированный кронштейн
Suporte fixo



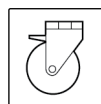
Swivel castor with front lock
Lenkr. mit Feststeller im Nachlauf
Roul. pivotante à blocage avant
Sop. giratorio c. freno delantero
Zwenkwiel met nalooprem
Пов. крон. с передним тормозом
Suporte giratório com freio frontal



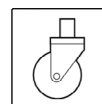
Swivel castor with back lock
Lenkr. mit Feststeller im Vorlauf
Roul. pivotante à blocage arrière
Sop. giratorio c. freno trasero
Zwenkwiel met voorlooprem
Пов. крон. с задним тормозом
Suporte gir. com freio posterior



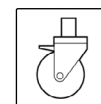
Swivel castor with bolt hole
Lenkrolle mit Rückenloch
Roulette pivotante à oeil
Soporte giratorio con taladro pasador
Zwenkwiel met boutgatbevestiging
Пов. кроншт. со сквозным отверстием
Suporte giratório com furo



Swivel bolt hole castor, front lock
Lenkr. mit Rückenloch, Feststeller
Roulette pivotante à oeil à blocage
Sop. gir. taladro pasador con freno
Zwenkw. boutgatbev., nalooprem
Пов. крон. сквозн. отверстием, тормозом
Suporte giratório com furo, freio



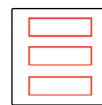
Swivel stem castor
Lenkr. mit Zapfen
Roulette pivotante à tige
Sop. gir. espiga
Zwenkw. met stift
Поворотный коронштейн с стержнем
Suporte giratório com espiga



Swivel stem castor, front lock
Lenkr. mit Zapfen, Feststeller
Roulette pivotante à tige à blocage
Sop. gir. espiga con freno
Zwenkw. met stift, nalooprem
Поворотный коронштейн с стержнем, тормозом
Suporte giratório com espiga, freio



Hub with plain bearing
Nabe mit Gleitlager
Moyeu lisse
Buje liso
Wielnaaf met glijdlager
Ступица с втулкой
Núcleo com furo passante



Hub with roller bearing
Nabe mit Rollenlager
Moyeu avec roulement à rouleaux
Buje con cojinete a rodillos
Wielnaaf met rollager
Ступица с роликовым подшипником
Núcleo com rolamento de roletes



Hub with stainless steel roller bearing
Nabe mit rostfreiem Rollenlager
Moyeu avec roulement à rouleaux inox
Buje con cojinete a rodillos inox
Wielnaaf met rvs rollager
Сту. с роликовым подшипником из нерж. стали
Núcleo com rolamento de roletes inox



Hub with ball bearing
Nabe mit Kugellager
Moyeu avec roulement à billes
Buje con cojinete a bolas
Wielnaaf met kogellagers
Ступица с шариковым подшипником
Núcleo com rolamento de esferas



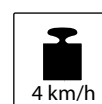
Hub with st. steel ball bearing
Nabe mit rostfreiem Kugellager
Moyeu avec roul. à billes inox
Buje con cojinete a bolas inox
Wielnaaf met rvs kogellagers
Ступица с шариковым подшипником из нерж. стали
Núcleo com rol. de esfera inox



Hub with ball bearing facilities
Nabe mit Lagersitz
Logement pour roulements
Alojamiento para cojinete a bolas
Wielnaaf met kogellagerhuis
Ступица без подшипника
Sede p/rolamento



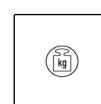
Static load
Statische Last
Charge statique
Carga estática
Statisch draagvermogen
Статическая нагрузка
Carga estática



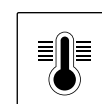
Load capacity
Tragkraft
Capacité de charge
Capacidad de carga
Dynamisch draagvermogen
Грузоподъемность
Capacidade de carga



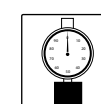
Rolling resistance
Rollwiderstand
Glissement
Facilidad de deslizamiento
Rolweerstand
Сопротивление качению
Facilidade de deslizamento



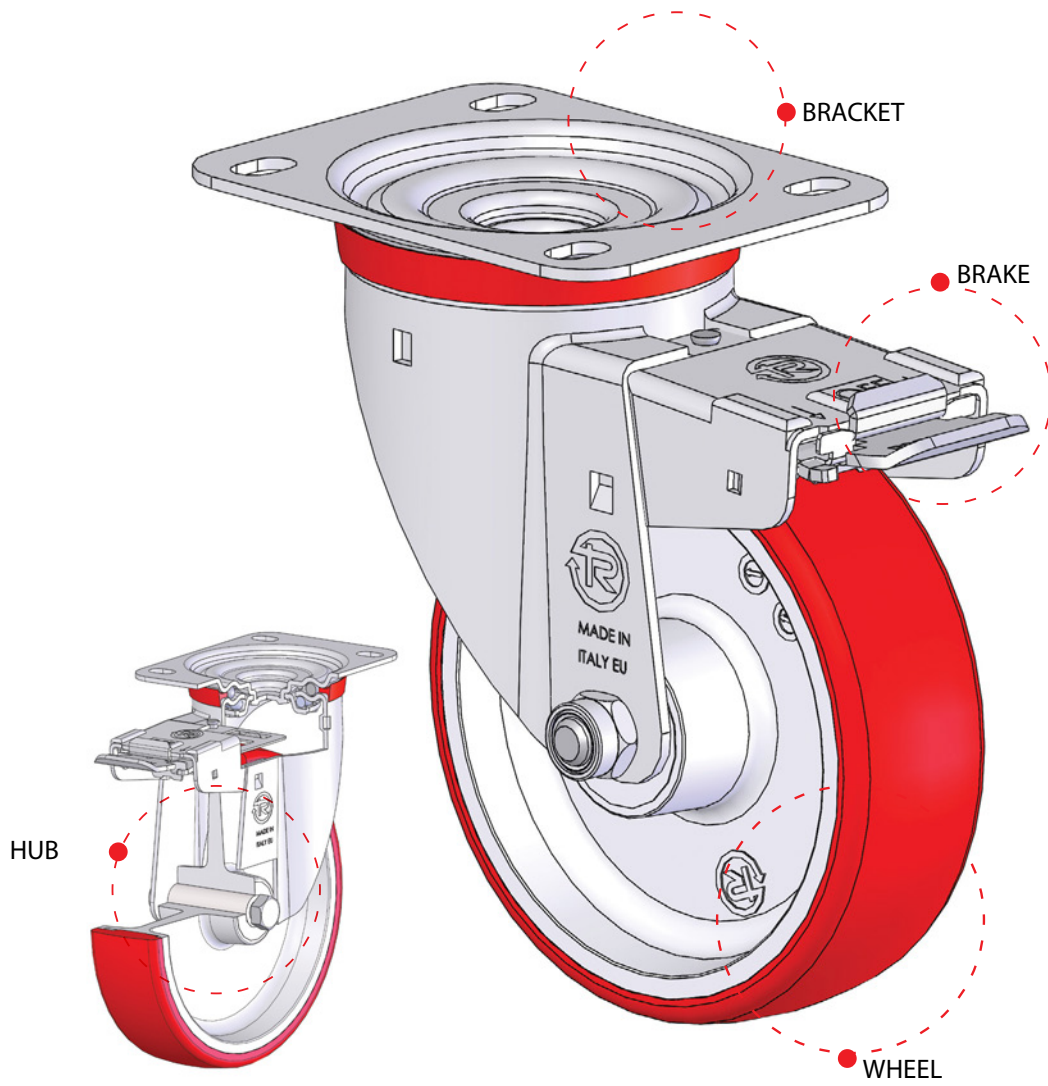
Weight
Gewicht
Poids
Peso
Gewicht
Вес
Peso



Temperature
Temperatur
Température
Temperatura
Temperatuur
Температура
Temperatura



Hardness
Härte
Durété
Dureza
Härte
Твёрдость
Dureza



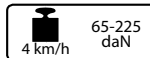
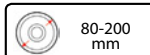
 **tellure Rôta**



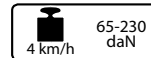
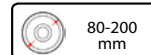
-  **INDUSTRIAL**
- LIGHT DUTY
-  **INDUSTRIELOGISTIK**
- LEICHTE ANWENDUNGEN
-  **INDUSTRIEL**
- CHARGES LEGERES
-  **INDUSTRIAL**
- CARGAS LIVIANAS
-  **INDUSTRIEEL**
- LICHTE TOEPASSINGEN
-  **ПРОМЫШЛЕННОЕ ПРИМЕНЕНИЕ**
- ЛЁГКАЯ НАГРУЗКА
-  **INDUSTRIAL**
- CARGAS LEVES



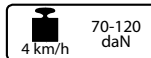
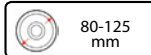
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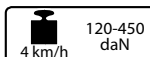
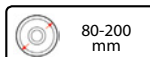
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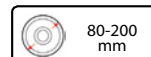
-  **INDUSTRIAL**
- MEDIUM DUTY
-  **INDUSTRIELOGISTIK**
- MITTELSCHWERE ANWENDUNGEN
-  **INDUSTRIEL**
- CHARGES MOYENNES
-  **INDUSTRIAL**
- CARGAS MEDIAS
-  **INDUSTRIEEL**
- MIDDELZWARE TOEPASSINGEN
-  **ПРОМЫШЛЕННОЕ ПРИМЕНЕНИЕ**
- СРЕДНЯЯ НАГРУЗКА
-  **INDUSTRIAL**
- CARGAS MÉDIAS



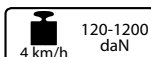
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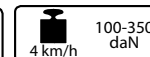
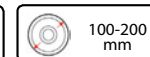
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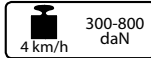
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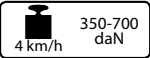
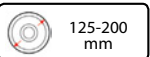
-  **INDUSTRIAL**
- HEAVY DUTY AND MECHANICAL HANDLING
-  **INDUSTRIELOGISTIK**
- HOHE LASTEN UND MECHANISCHE BEWEGUNG
-  **INDUSTRIEL**
- CHARGES LOURDES ET MANUTENTION MECANIQUE
-  **INDUSTRIAL**
- CARGAS PESADAS Y DESPLAZAMIENTO MECANICO
-  **INDUSTRIEEL**
- ZWARE EN MECHANISCHE TOEPASSINGEN
-  **ПРОМЫШЛЕННОЕ ПРИМЕНЕНИЕ**
- ТЯЖЕЛЫЕ ГРУЗЫ И МЕХАНИЧЕСКОЕ ПЕРЕДВИЖЕНИЕ
-  **INDUSTRIAL**
- CARGAS PESADAS Y DESLOCAMENTO MECÂNICO



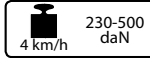
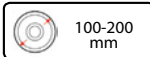
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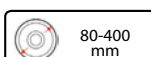
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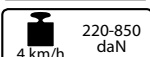
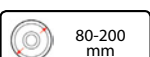
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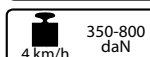
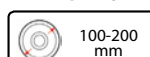
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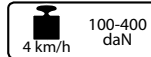
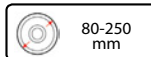
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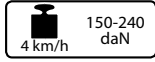
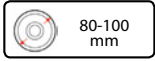


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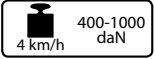
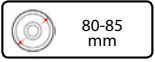
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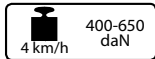
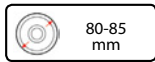
-  **HIGH TEMPERATURE**
-  **HITZEBESTÄNDIGE RÄDER**
-  **HAUTES TEMPERATURES**
-  **ALTAS TEMPERATURAS**
-  **HITTEBESTENDIGE WIELEN**
-  **ЖАРОСТОЙКИЕ КОЛЕСА**
-  **ALTAS TEMPERATURAS**



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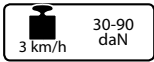
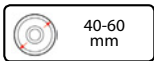
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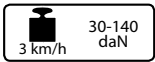
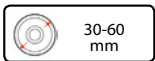
-  **PALLET TRUCK ROLLERS**
-  **GABELHUBWAGEN ROLLEN**
-  **GALETS DE TRANSPALETES**
-  **RODILLOS PARA TRANSPALETAS**
-  **PALLETWAGENWIELEN**
-  **РОЛИКИ ДЛЯ ГИДРАВЛИЧЕСКИХ ТЕЛЕЖЕК**
-  **ROLETES PARA PORTA-PALETAS**



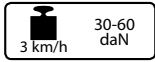
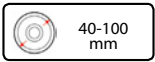
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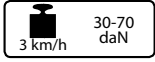
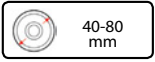
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-  **INSTITUTIONAL**
-  **APPARATEROLLEN**
-  **COLLECTIVITE**
-  **COLECTIVIDAD**
-  **INSTITUTIONELE WIELEN**
-  **АППАРАТНЫЕ КОЛЕСА**
-  **COLECTIVIDADES**




-  **CUSTOMISED SOLUTIONS**
-  **SONDERLÖSUNGEN**
-  **SOLUTIONS PERSONNALISEES**
-  **MODELOS PERSONALIZADOS**
-  **SPECIALE UITVOERINGEN**
-  **ИНДИВИДУАЛЬНЫЕ РЕШЕНИЯ**
-  **MODELOS PERSONALIZADOS**



 **Tellure Rôta, 60 years of guaranteed "Made in Italy" quality**
The products are manufactured in three plants based in Formigine (Northern Italy), on a covered surface of 15,000 square metres. Here, technology and the skills of the staff combine to make products according to certified standards, which guarantee constancy of quality. The company operates in 70 Countries with over 2,000 customers.

 **Tellure Rôta, seit 60 Jahren Garantie für Qualität Made in Italy**
Die Produktion erfolgt in den 3 Werken in Formigine (in nord Italien), auf einer abgedeckten Oberfläche von 15'000 Quadratmetern. Hier treffen sich Technologie und Erfahrung des Personals, um nach zertifizierten Standards zu produzieren und eine gleich bleibende Qualität zu gewährleisten. In 70 Ländern und mit über 2000 Kunden tätig.

 **Depuis 60 ans, Tellure Rôta offre la garantie de qualité made in Italy**
La production de roues et roulettes est réalisée dans les 3 établissements de Formigine (dans le nord de l'Italie), sur une surface couverte de 15 000 mètres carrés. La technologie et la compétence du personnel s'y associent pour assurer une production conforme à des normes certifiées et garantir la qualité des produits. Aujourd'hui, son réseau de vente, regroupant plus de 2000 clients, s'étend dans 70 pays.

 **Tellure Rôta, una garantía de calidad Italiana desde hace 60 años.**

La producción se realiza en tres naves industriales localizadas en Formigine (Norte de Italia), las cuales tienen una superficie cubierta de 15.000 metros cuadrados. Allí, tecnología y competencia del personal se funden para producir en conformidad con los estándares certificados, así garantizando constancia en la calidad de los productos. La empresa está presente en 70 países con más de 2.000 clientes.

 **Tellure Rôta, al meer dan 60 jaar gegarandeerd "Made in Italy"**

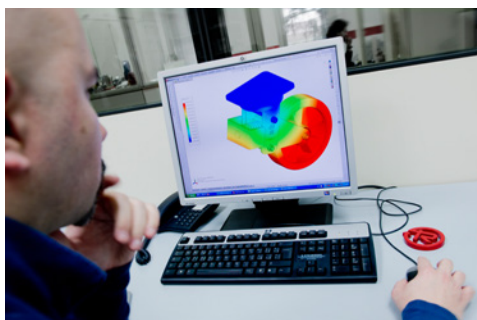
De kwaliteitsproducten worden vervaardigd in drie fabrieken gevestigd in Formigine (Noord-Italië), op een overdekte oppervlakte van 15.000 vierkante meter. Technische kennis en vaardigheden van het personeel worden gecombineerd om producten te maken volgens gecertificeerde normen, die een constante kwaliteit te garanderen. Het bedrijf is actief in 70 landen met meer dan 2.000 klanten.

 **Вот уже более 60 лет Tellure Rôta - это гарантия качества «made in Italy»**

Производство колёс и кронштейнов проходит в 3 цехах г. Формиджине (в Северной Италии), общая крытая площадь которых, составляет 15 000 кв.м. Технология и опыт персонала объединяются, чтобы производить согласно стандартам качества и обеспечения качества продукции. На сегодняшний день, сеть сбыта, которая включает более 2 000 клиентов, присутствует более чем в 70 странах.

 **Tellure Rôta, uma garantia de qualidade Italiana desde 60 anos**


A produção realiza-se em três estabelecimentos industriais localizados em Formigine (Norte da Italia), com mais de 15.000 metros quadrados de superfície coberta. Aqui, tecnologia e capacidade do pessoal da empresa juntam-se para produzir em conformidade com os certificados standard, assim garantindo constância na qualidade dos produtos. A empresa está presente em 70 países com mais de 2.000 clientes.




TELLURE RÔTA






 **TR Lab Test & Research: where research becomes innovative solutions**


Tellure Rôta production is flanked and supported by a laboratory of research in order to guarantee excellence in project designing. The TR Lab is provided with the necessary know-how and equipments to develop and test new materials and new product solutions. The Lab is also formally accredited since 2011 and has its own operational autonomy.

 **TR Lab Test & Research: wo Forschung zu Innovation wird**


Um ihren Kunden leistungsfähige Projekte zu gewährleisten, hat Tellure Rota die Produktion mit einem selbständigen Forschungslabor unterstützt. Das Labor ist seit 2011 anerkannt und befugt über alle nötige Kenntnisse und Messapparate um neue Lösungen für Materialien und Produkte zu entwickeln.

 **TR Lab Test & Research: Quand la recherche devient solution**

Afin d'offrir des projets d'excellence à ses clients, Tellure Rôta a choisi de qualifier un laboratoire de recherche entièrement autonome d'un point de vue opérationnel et accrédité depuis 2011, le laboratoire Test & Research, afin d'assister ses départements de production. Le laboratoire renferme les compétences nécessaires pour développer et mettre au point de nouvelles solutions en termes de matériaux, de produits, de technologies.

 **TR Lab Test and Research: donde la investigación se convierte en innovación**


La producción de Tellure Rôta cuenta con los servicios y el respaldo del laboratorio de investigación para garantizar la excelencia de sus proyectos. El TR Lab tiene el conocimiento técnico y el equipamiento necesario para desarrollar y probar nuevos materiales y nuevas soluciones de producto. El laboratorio está certificado formalmente desde 2011 y tiene su propia autonomía operativa.

 **TR Testcentrum voor Test & Onderzoek: Er wordt gezocht naar innovatieve oplossingen**

De Tellure Rota productie wordt geflankeerd en ondersteund door een onderzoek en test laboratorium om hoge topkwaliteit in ontwerpen te garanderen. Het TR Testcentrum is voorzien van de nodige know-how en apparatuur om nieuwe materialen en nieuwe productoplossingen te ontwikkelen en te testen. Het TR Testcentrum is formeel acc-gecrediteerd sinds 2011 en opereert geheel zelfstandig.

 **TR Lab Test & Research: Там где поиск становится решением**

Чтобы обеспечить для собственной клиентуры блестящие разработки, компания Tellure Rôta решила квалифицировать лабораторию Test & Research в помощь производственным подразделениям. Исследовательская лаборатория имеет оперативную автономность и аккредитована в 2011 году.

 **TR Lab Test and Research: onde a pesquisa torna-se inovação**

A produção da Tellure Rôta dispõe dos serviços e do respaldo do laboratório de pesquisa para garantir a excelência dos seus projetos. O TR Lab tem o conhecimento técnico e o equipamento necessário para desenvolver e provar novos materiais e novas soluções de produto. O laboratório está certificado formalmente desde 2011 e tem sua própria autonomia operativa.





Choosing the right wheel

The safety and easy handling of a trolley depends on choosing the most suitable wheel; therefore, it is recommended to consider the following factors:

1. **NATURE AND CONDITION OF THE FLOOR:** extremely thick wheels with soft tread and large diameter are normally chosen for uneven floors or with obstacles; wheels with a more sturdy tread are normally chosen for smooth floors and heavy loads
2. **ENVIRONMENT OF USE:** the wheel and bracket materials may or may not be suitable for use in aggressive environments: extreme temperatures, humidity, acids, solvents, bases and hydrocarbons.
3. **MAGNITUDE AND NATURE OF THE LOAD:** The weight of the load, its nature (solid or liquid) and the tare of the trolley determine the minimum carrying capacity the wheel must have to guarantee safe handling.

With a 4-wheel trolley, calculate the minimum carrying capacity required using the following formula:

SOLID LOAD WEIGHT + TROLLEY TARE: 3

LIQUID LOAD WEIGHT + TROLLEY TARE: 2

4. **MEANS OF TRACTION AND SPEED:** depending on type of handling (manual or mechanical) and on the trolley's speed, specific types of wheels and castors may be more or less suitable.

Contact your local dealer for assistance in choosing the right wheel.



Die Wahl des Rades

Bei jeder Anwendung hängen die Sicherheit und die Einfachheit der Bedienung von der Wahl des richtigen Rades und Gehäuse ab. Man muss die folgenden Faktoren in Anspruch nehmen:

1. **ART UND ZUSTAND DES BODENS:** auf unebenem und unregelmäßigem Boden, oder wo Hindernisse zu überwinden sind, wählt man Räder mit weichem und dicken Laufbelag aus; auf glattem Boden und hoher Last wählt man normalerweise Räder mit einem härteren Laufbelag aus.
2. **UMGEBUNG:** die Materialien, die Rad und Gehäuse bilden, müssen eine gute Kompatibilität mit den Umgebungsbedingungen haben (Temperaturen, Familien von Chemikalien und Feuchtigkeitsbedingungen...)
3. **GRÖÖZE UND ART DER LAST:** das Gewicht der Last, seine Art (flüssig oder fest) und die Tara des Wagens sind notwendig um die Tragkraft die Jedes Rad haben muss zu bestimmen, um die Sicherheit bei der Bedienung des Wagens zu garantieren. Im Fall eines Wagens mit 4 Räder benutzt man die folgenden Formeln:

GEWICHT DER FESTEN LAST + WAGEN TARA: 3

GEWICHT DER FLÜSSIGEN LAST + WAGEN TARA: 2

4. **GESCHWINDIGKEIT UND ANTRIEB:** abhängig vom antrieb (manuell oder mechanisch) und von der Geschwindigkeit sind bestimmte Radserien und Gehäusetypen mehr oder weniger geeignet.

Nehmen Sie mit Ihrem Händler Kontakt auf um fachkundige Beratung zu bekommen.



Le choix de la roue

La facilité de manutention et la sécurité d'un chariot dépendent du choix de la roue la plus indiquée; il faut, par conséquent, considérer les facteurs énumérés ci-dessous:

1. **NATURE ET ETAT DU SOL:** pour des sols accidentés ou avec des obstacles, on choisit généralement des roues avec bandage souple, avec haut épaisseur et ayant un grand diamètre; Pour des sols lisses et des charges hautes, on choisit généralement des roues avec bandage plus rigide
2. **MILIEU D'UTILISATION:** les matériaux qui constituent la roue et la monture peuvent être indiqués ou non à l'utilisation en milieux agressifs: températures extrêmes, humidité, acides, solvants, bases et hydrocarbures
3. **ENTITE ET NATURE DE LA CHARGE:** le poids de la charge, sa nature (liquide ou solide) et la tare du chariot déterminent la capacité de charge minimum que la roue doit avoir pour garantir la sécurité de la manutention. Dans le cas d'un chariot à 4 roues, pour calculer la capacité de charge minimum nécessaire, on utilise les formules suivantes:

POIDS DE LA CHARGE SOLIDE + TARE DU CHARIOT: 3

POIDS DE LA CHARGE LIQUIDE + TARE DU CHARIOT: 2

4. **MOYENS DE TRACTION ET VITESSE:** selon le type de manutention (manuelle ou mécanique) et selon la vitesse du chariot, il y a des types de roues et montures qui sont plus ou moins aptes à chaque utilisation.

Contactez votre distributeur pour avoir un conseil qualifié.



La elección de la rueda

La facilidad de desplazamiento y la seguridad de un carro dependen de la elección de la rueda más adecuada; por lo tanto es necesario tener en cuenta los factores que indicamos a continuación:

1. **TIPO Y ESTADO DEL PAVIMENTO:** para pavimentos irregulares o con obstáculos se escogen normalmente ruedas de diámetro grande con banda de rodaje blanda y de alto espesor; Para pavimentos lisos y altas cargas, se escogen normalmente ruedas con banda de rodaje más rígida.
2. **AMBIENTES DE USO:** los materiales que constituyen la rueda y el soporte pueden ser aptos o no a su uso en ambientes agresivos: temperaturas extremas, humedad, ácidos, solventes, bases e hidrocarburos
3. **VALOR Y TIPO DE LA CARGA:** el peso de la carga, el tipo (líquida o sólida) y la tara del carro, determinan la capacidad mínima de la rueda que garantiza la seguridad de desplazamiento.

En caso de carro con 4 ruedas, para calcular la capacidad mínima necesaria, se utilizan las siguientes fórmulas:

PESO DE LA CARGA SÓLIDA + TARA DEL CARRO: 3

PESO DE LA CARGA LÍQUIDA + TARA DEL CARRO: 2

4. **MEDIOS DE TRACCIÓN Y VELOCIDAD:** la idoneidad de las varias tipología de reudas y soportes puede variar según la forma de desplazamiento (manual o mecánica) y de la velocidad del carro.

Contacte con su revendedor para solicitar asistencia profesional en la elección del producto justo.



Het kiezen van het juiste wiel

De veiligheid en het gemakkelijk manouvreren van een trolley is afhankelijk van de keuze van de meest geschikte wiel, daarom is het raadzaam om de volgende factoren in overweging te nemen:

1. **SOORT EN DE TOESTAND VAN DE VLOER:** extreem dikke wielen met zacht loopvlak en grote diameter worden gewoonlijk gekozen voor oneffen vloeren of met obstakels, wielen met een harder loopvlak worden gewoonlijk gekozen voor gladde vloeren en zware lasten

2. **OMGEVINGSFACTOREN:** zijn het wiel en beugel wel of niet geschikt voor gebruik in agressieve omgevingen: extreme temperaturen, vochtigheid, zuren, zouten, oplosmiddelen, chemicaliën en koolwaterstoffen

3. **VOLUME EN SAMENSTELLING LADING:** het gewicht van de lading, de soort ervan (vast of vloeibaar) en het leeggewicht van de wagen bepalen hoeveel de minimale draagkracht van het wiel moet zijn om veilig hanteren te kunnen garanderen. Voor het berekenen van de minimale draagkracht van een 4-wiel trolley, kunt u dit doen met behulp van de volgende formule:

VOOR VAST LAST IS LAADGEWICHT + WAGEN LEEGGEWICHT : 3

VOOR VLOEISTOF IS LAADGEWICHT + WAGEN LEEGGEWICHT : 2

4. **SNELHEID EN AANDRIJVING:** afhankelijk van het type van de behandeling (handmatig of mechanisch) en van de snelheid trolley's, kunnen specifieke soorten wielen meer of minder geschikt zijn

Neem contact op met uw dealer voor een advies.



Как выбрать колесо

Удобство при движении и безопасность тележки зависят от правильного выбора колеса, и поэтому, необходимо проанализировать следующие факторы:

1. **ТИП И СОСТОЯНИЕ ПОЛОВОГО ПОКРЫТИЯ:** для неровного полового покрытия или с препятствиями, выбираются колёса с мягким протектором большой толщины и большого диаметра; для гладкого полового покрытия и при большой нагрузке, обычно выбираются колёса с жёстким протектором.

2. **УСЛОВИЯ ЭКСПЛУАТАЦИИ:** материалы, из которых выполнено колесо и основание, могут быть более или менее годными для эксплуатации в агрессивной среде: температура, выходящая за стандартный диапазон эксплуатации, влажность, кислоты, растворители, щелочи и углеводороды.

3. **ОБЪЁМ И ХАРАКТЕРИСТИКИ ГРУЗА:** Вес груза и его характеристики (жидкий или твёрдый), а также вес тележки, влияют на минимальную грузоподъёмность, которая обеспечивается колесом, чтобы гарантировать минимальную безопасность движения.

Для тележки с 4 колесами, для расчёта минимальной грузоподъёмности используются следующие формулы:

ВЕС ТВЁРДОГО ГРУЗА + ВЕС ТЕЛЕЖКИ: 3

ВЕС ЖИДКОГО ГРУЗА + ВЕС ТЕЛЕЖКИ: 2

4. **СКОРОСТЬ И СПОСОБ ПЕРЕМЕЩЕНИЯ:** в зависимости от типа перемещения (ручной или механический) и скорость тележки рекомендуются определенные типы колес и кронштейнов

Обратитесь к ближайшую официальную дилеру Tellure Rota за советом эксперта.



A escolha da roda certa

A facilidade de deslocamento e a segurança de um carrinho depende da escolha da roda mais adequada; portanto é preciso ter em conta os seguintes fatores:

1. **TIPO E ESTADO DO PAVIMENTO:** para pavimentos irregulares ou com obstáculos, escolhe-se normalmente rodas com uma banda de rodagem macia de larga espessura e diametro maior; para pavimentos lisos, com cargas elevadas, escolhe-se normalmente rodas com uma banda de rodagem mais rígida

2. **AMBIENTE DE USO:** os materiais que compoem a roda e o suporte podem ser ou nao adequados para o uso em ambientes agressivos: temperaturas extremas, umidade, e agentes quimicos agressivos

3. **VALOR E TIPO DE CARGA:** o peso da carga, o tipo (líquido ou sólido) e a tara do carrinho determinam a capacidade mínima da roda para garantir segurança durante o deslocamento.

No caso de um carrinho com 4 rodízios, é preciso usar as seguintes fórmulas para calcular a capacidade de carga mínima por roda:

PESO DA CARGA SÓLIDA + TARA DO CARRINHO: 3

PESO DA CARGA LÍQUIDA + TARA DO CARRINHO: 2

4. **MEIOS DE TRAÇÃO E VELOCIDADE:** a idoneidade de alguns tipos de rodas e de suportes varia dependendo do tipo de deslocamento (manual ou mecânico) e da velocidade de uso do carrinho

Contate com o seu revendedor para solicitar asistencia profesional na escolha da roda certa.

 **SUMMARY TABLE FOR CHOOSING THE RIGHT WHEEL**

 **ANLEITUNG ZUR WAHL DES RICHTIGEN RADES**

 **TABLEAU RECAPITULATIF POUR LE CHOIX DE LA ROUE**

 **TABLA DE RESUMEN PARA ELEGIR LA RUEDA**

 **FAKTOREN DIE VAN INVLOED ZIJN OP DE WIELKEUZE**

 **ОБЗОРНАЯ ТАБЛИЦА ДЛЯ ВЫБОРА КОЛЕСА**

 **GUIA PARA ESCOLHA DAS RODAS**

		Carrying capacity Tragkraft Capacité de charge Carga Draagvermogen Грузоподъемность Carga			Rolling resistance Rollwiderstand Glissement Fac.de deslizameento Rolweerstand Спротивление качению Fac. Deslizameento		Means of traction Schleppmittel Moyens de traction Medios de tracción Aandrijving Способы перемещения Tipos de tração	
		< 250 daN	250 / 500 daN	> 500 daN	< 125 daN	> 125 daN	Manual	Mechanical
INDUSTRIAL LIGHT DUTY LOADS	52	●	●	●	●	●	●	●
	53	●	●	●	●	●	●	●
	71	●	●	●	●	●	●	●
	82AF	●	●	●	●	●	●	●
INDUSTRIAL - MEDIUM DUTY LOADS	60	●	●	●	●	●	●	●
	61	●	●	●	●	●	●	●
	68	●	●	●	●	●	●	●
	73	●	●	●	●	●	●	●
INDUSTRIAL HEAVY DUTY LOADS AND MECHANICAL HANDLING	62AL	●	●	●	●	●	●	●
	62ER	●	●	●	●	●	●	●
	62NY	●	●	●	●	●	●	●
	64	●	●	●	●	●	●	●
	65AL	●	●	●	●	●	●	●
	65HT	●	●	●	●	●	●	●
	66	●	●	●	●	●	●	●
HIGH TEMPERATURE	67	●	●	●	●	●	●	●
PALLET TRUCK ROLLERS	75	●	●	●	●	●	●	●
	79	●	●	●	●	●	●	●
INSTITUTIONAL	32	●	●	●	●	●	●	●
	36	●	●	●	●	●	●	●
	37	●	●	●	●	●	●	●
	38	●	●	●	●	●	●	●

● recommended

● partially resistant

● not suitable

 **BRACKETS**

 **GEHÄUSE**

 **MONTURES**

 **SOPORTES**

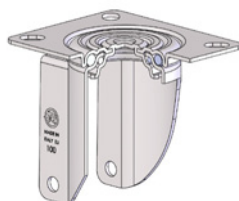
 **GAFFELS**


 **КРОНШТЕЙНЫ**


 **SUPORTES**

SL

Light-duty - Leichte - Légères
- Industriales livianos - **Standard** - Для
легких грузов - **Leves**



 80-125
mm


 130
daN
4 km/h

NL-NLX

Standard-duty - Leichte - Légères
- Industriales - **Standard** - Для легких
грузов - **Industriais**




 80-280
mm

 200-400
daN
4 km/h

M

Medium-duty - Mittelschwere - **Moyennes**
- Medios - **Middel zware** - Для средних
грузов - **Médios**

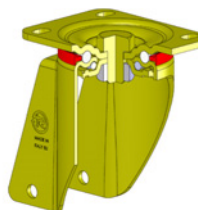



 150-200
mm

 500
daN
4 km/h

P-PX

Heavy-duty - Schwere - **Lourdes**
- Pesados - **Zware** - Для тяжелых грузов -
Pesados



 80-250
mm


 350-750
daN
4-6 km/h

EP

Extra heavy-duty - Extra-Schwere - **Extra-
Lourdes** - Extra Pesados - **Extra-Zware** - Для
очень тяжелых грузов - **Extra-Pesados**



 100-250
mm

 350-1600
daN
4-6 km/h

EE MHD

Electrowelded - Elektrogeschweißte - **Electro-
soudées** - Electrosoldados - **Elektrisch gelaste**
- Электросварные - **Em construção soldada**




 100-250
mm


 1000
daN
4-6 km/h

EE HD - EE EHD

Electrowelded - Elektrogeschweißte - **Electro-
soudées** - Electrosoldados - **Elektrisch gelaste**
- Электросварные - **Em construção soldada**



 100-250
mm

 1000
daN
4-6 km/h

 **LOCKING DEVICES**

 **FESTSTELLER**

 **BLOCAGES**

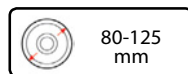
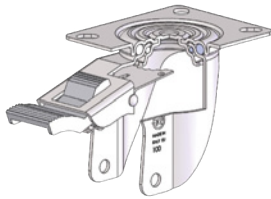
 **FRENOS**

 **VASTSTELLER**

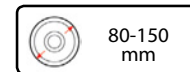
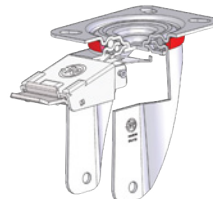
 **ТОПМОЗА**

 **FREIOS**

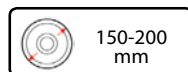
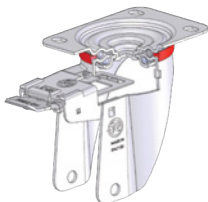
Front brake for bracket SL - Feststeller im Nachlauf für SL - **Avant pour montures SL** - Delantero para soporte SL - **Naloo prem gaffels SL** - Передний для кронштейна SL - **Frontal para suportes SL**



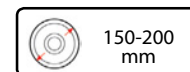
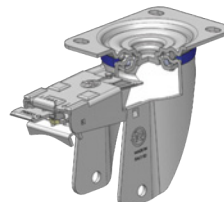
Front brake for bracket NL-NLX-P - Feststeller im Nachlauf für NL-NLX-P - **Avant pour montures NL-NLX-P** - Delantero para soporte NL-NLX-P - **Naloo prem gaffels NL-NLX-P** - Передний для кронштейна NL-NLX-P - **Frontal para suportes NL-NLX-P**



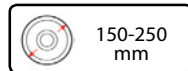
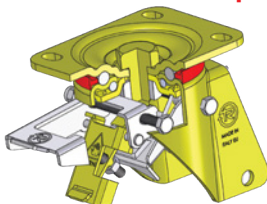
Front brake for bracket NL-NLX - Feststeller im Nachlauf für NL-NLX - **Avant pour montures NL-NLX** - Delantero para soporte NL-NLX - **Naloo prem gaffels NL-NLX** - Передний для кронштейна NL-NLX - **Frontal para suportes NL-NLX**



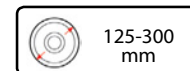
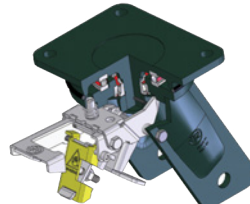
Front brake for bracket M - Feststeller im Nachlauf für M - **Avant pour montures M** - Delantero para soporte M - **Naloo prem gaffels M** - Передний для кронштейна M - **Frontal para suportes M**



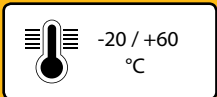
Rear brake for bracket P-PX-EP - Feststeller im Vorlauf für P-PX-EP - **Arrière pour montures P-PX-EP** - Trasero para soporte P-PX-EP - **Vorlooprem gaffels P-PX-EP** - Задний регулируемый для кронштейнов P-PX-EP - **Posterior para suportes P-PX-EP**



Rear brake for bracket EE - Feststeller im Vorlauf für EE - **Arrière pour montures EE** - Trasero para soporte EE - **Vorlooprem gaffels EE** - Задний регулируемый для кронштейнов EE - **Posterior para suportes EE**



SERIES **52**



STANDARD RUBBER WHEELS, POLYPROPYLENE CENTRE

STANDARD VOLLGUMMI-RÄDER, POLYPROPYLENKERN

ROUES EN CAOUTCHOUC STANDARD, CORPS EN POLYPROPYLENE

RUEDAS DE GOMA STANDARD, NUCLEO DE POLIPROPILENO

WIELEN MET MASSIEVE RUBBERBAND, KERN VAN POLYPROPYLEEN








КОЛЁСА ИЗ ЧЁРНОЙ РЕЗИНЫ С ОСНОВАНИЕМ ИЗ ПОЛИПРОПИЛЕНА


RODAS EM BORRACHA STANDARD, NÚCLEO EM POLIPROPILENO

STANDARD RUBBER WHEELS, POLYPROPYLENE CENTRE



mm	mm	kg	CODE	kg	CODE	mm	mm	daN	daN	daN							
80	25	0.11	522101	0.14	524101	12	39	150	50	65							
100	30	0.21	522102	0.24	524102	12	44	200	75	80							
125	37.5	0.41	521103	0.44	523103	15	44	225	85	110							
150	40	0.61	521111	0.61	523111	15	44	275	100	130							
160	40	0.73	521110	0.75	523110	20	59	300	120	150							
200	50	1.31	521106	1.48	523106	20	59	400	140	225							
200	50	1.28	521206	1.45	523206	25	59	400	140	225							

-  **STANDARD RUBBER WHEELS, POLYPROPYLENE CENTRE, STANDARD DUTY BRACKETS (NL)**
-  **STANDARD VOLLGUMMI-RÄDER, POLYPROPYLENKERN, LEICHTE GEHÄUSE (NL)**
-  **ROUES EN CAOUTCHOUC STANDARD, CORPS EN POLYPROPYLENE, MONTURES LEGERES (NL)**
-  **RUEDAS DE GOMA STANDARD, NUCLEO DE POLIPROPILENO, SOPORTES INDUSTRIALES (NL)**
-  **WIELEN MET MASSIEVE RUBBERBAND, KERN VAN POLYPROPYLEEN, STANDAARD GAFFELS (NL)**
-  **КОЛЁСА ИЗ ЧЁРНОЙ РЕЗИНЫ С ОСНОВАНИЕМ ИЗ ПОЛИПРОПИЛЕНА, КРОНШТЕЙНЫ ДЛЯ ЛЕГКИХ ГРУЗОВ "NL"**
-  **RODAS EM BORRACHA STANDARD, NÚCLEO EM POLIPROPILENO, SUPORTES INDUSTRIAIS (NL)**



80-200 mm



80 Shore A



65-225 daN
4 km/h











50-140 daN

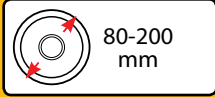


-20 / +60 °C



				NL 		NL 		NL 									
mm	mm	kg	CODE	kg	CODE	kg	CODE	mm	mm	mm	mm	mm	mm	mm	daN	4 km/h	
80	25	0.64	524401	0.36	525701	0.82	525201	107	100x85	80x60	9	37	120	65			
100	30	0.73	524402	0.48	525702	0.88	525202	128	100x85	80x60	9	35	120	80			
125	37.5	1.06	524403	0.71	525703	1.20	525203	156	100x85	80x60	9	37	120	110			
150	40	1.31	524411	0.93	525711	1.45	525211	182	100x85	80x60	9	34	120	130			
160	40	2.10	524410	1.73	525710	2.38	525210	199	140x110	105x80	11	56	156	150			
200	50	2.72	524406	2.50	525706	3.00	525206	240	140x110	105x80	11	56	156	225			
80	25	0.69	524601	0.39	525901	0.86	525221	107	100x85	80x60	9	37	120	65			
100	30	0.78	524602	0.51	525902	0.93	525222	128	100x85	80x60	9	35	120	80			
125	37.5	1.09	524603	0.73	525903	1.24	525223	156	100x85	80x60	9	37	120	110			
150	40	1.31	524611	0.93	525911	1.45	525231	182	100x85	80x60	9	34	120	130			
160	40	2.18	524610	1.75	525910	2.47	525230	199	140x110	105x80	11	56	156	150			
200	50	2.76	524606	2.67	525906	3.04	525226	240	140x110	105x80	11	56	156	225			

SERIES **53**



STANDARD RUBBER WHEELS, PRESSED STEEL DISCS CENTRE

STANDARD VOLLGUMMI-RÄDER, STAHLBLECHFELGEN

ROUES EN CAOUTCHOUC STANDARD, FLANCS EN TOLE

RUEDAS DE GOMA STANDARD, LLANTAS DE CHAPA

WIELEN MET MASSIEVE RUBBERBAND, KERN VAN PLAATSTAAL

КОЛЁСА ИЗ ЧЁРНОЙ РЕЗИНЫ С ДИСКАМИ ИЗ МЕТАЛЛИЧЕСКОГО ЛИСТА






RODAS EM BORRACHA STANDARD, JANTE METÁLICA














mm	mm	kg	CODE	kg	CODE	mm	mm	daN	daN	daN						
80	25	0.17	531121	0.19	533121	12	39	260	50	65						
100	30	0.28	531122	0.31	533122	12	44	300	75	80						
125	37.5	0.51	531103	0.54	533103	15	44	330	85	130						
150	40	0.73	531111	0.76	533111	15	44	350	100	170						
160	40	1.00	531110	1.07	533110	20	58	370	120	180						
200	50	1.75	531106	1.81	533106	20	58	410	140	230						
200	50	1.74	531206	1.78	533206	25	58	410	140	230						

-  **STANDARD RUBBER WHEELS, PRESSED STEEL DISCS CENTRE, STANDARD DUTY BRACKETS (NL)**
-  **STANDARD VOLLGUMMI-RÄDER, STAHLBLECHFELGEN, LEICHTE GEHÄUSE (NL)**
-  **ROUES EN CAOUTCHOUC STANDARD, FLANCS EN TOLE, MONTURES LEGERES (NL)**
-  **RUEDAS DE GOMA STANDARD, LLANTAS DE CHAPA, SOPORTES INDUSTRIALES (NL)**
-  **WIELEN MET MASSIEVE RUBBERBAND, KERN VAN PLAATSTAAL, STANDAARD GAFFELS (NL)**
-  **КОЛЁСА ИЗ ЧЁРНОЙ РЕЗИНЫ С ДИСКАМИ ИЗ МЕТАЛЛИЧЕСКОГО ЛИСТА, КРОНШТЕЙНЫ ДЛЯ ЛЕГКИХ ГРУЗОВ "NL"**
-  **RODAS EM BORRACHA STANDARD, JANTE METÁLICA, SUPORTES INDUSTRIAIS (NL)**

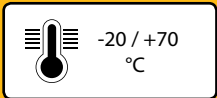
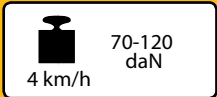


-  80-200 mm
-  80 Shore A
-  65-230 daN
4 km/h
-  50-140 daN
-  -20 / +60 °C

				NL 				NL 				NL 															
mm	mm	kg	CODE	kg	CODE	kg	CODE	kg	CODE	kg	CODE	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	daN	daN				
80	25	0.69	535001	0.49	535701	0.87	535401	107	100x85	80x60	9	37	120	65													
100	30	0.82	535002	0.62	535702	1.00	535402	128	100x85	80x60	9	35	120	80													
125	37.5	1.18	535003	0.92	535703	1.30	535403	156	100x85	80x60	9	37	120	130													
150	40	1.40	535011	1.22	535711	1.57	535411	182	100x85	80x60	9	34	120	170													
160	40	2.44	535010	2.07	535710	2.69	535410	199	140x110	105x80	11	56	156	180													
200	50	3.25	535006	2.89	535706	3.39	535406	240	140x110	105x80	11	56	156	230													

80	25	0.70	535101	0.51	535901	0.89	535421	107	100x85	80x60	9	37	120	65										
100	30	0.84	535102	0.65	535902	1.03	535422	128	100x85	80x60	9	35	120	80										
125	37.5	1.21	535103	0.95	535903	1.33	535423	156	100x85	80x60	9	37	120	130										
150	40	1.45	535111	1.07	535911	1.60	535431	182	100x85	80x60	9	34	120	170										
160	40	2.50	535110	2.13	535910	2.75	535430	199	140x110	105x80	11	56	156	180										
200	50	3.31	535106	3.05	535906	3.45	535426	240	140x110	105x80	11	56	156	230										

SERIES **71**



THERMOPLASTIC RUBBER WHEELS, POLYPROPYLENE CENTRE

THERMOPLASTISCHE GUMMI-RÄDER, POLYPROPYLENKERN

ROUES EN CAOUTCHOUC THERMOPLASTIQUE, CORPS EN POLYPROPYLENE

RUEDAS DE GOMA TERMOPLASTICA, NUCLEO DE POLIPROPILENO

WIELEN MET THERMOPLASTISCH RUBBER, KERN VAN POLYPROPYLEEN

КОЛЁСА ИЗ ТЕРМОПЛАСТИЧНОЙ СЕРОЙ РЕЗИНЫ С ОСНОВАНИЕМ ИЗ ПОЛИПРОПИЛЕНА








RODAS EM BORRACHA TERMOPLÁSTICA, NÚCLEO EM POLIPROPILENO




mm	mm	kg	CODE	kg	CODE	kg	CODE	mm	mm	daN	daN	daN					
80	30	0.09	711101	0.11	713101	0.11	713201	12	39	100	70	70					
100	30	0.12	711102	0.14	713102	0.14	713202	12	44	150	100	100					
100	30	0.11	711132					12	39	150	100	100					
125	35	0.20	711103	0.22	713103	0.22	713203	15	44	180	120	120					
125	35	0.20	711133					12	39	180	120	120					





mm	mm	kg	CODE	mm	mm	daN	daN	daN										
80	30	0.14	712201	8	40	100	70	70										
100	30	0.18	712202	8	45	150	100	100										
125	35	0.25	712203	8	45	180	120	120										


-  **THERMOPLASTIC RUBBER WHEELS, POLYPROPYLENE CENTRE, LIGHT DUTY BRACKETS (SL)**
-  **THERMOPLASTISCHE GUMMI-RÄDER, POLYPROPYLENKERN, LEICHTE GEHÄUSE (SL)**
-  **ROUES EN CAOUTCHOUC THERMOPLASTIQUE, CORPS EN POLYPROPYLENE, MONTURES LEGERES (SL)**
-  **RUEDAS DE GOMA TERMOPLASTICA, NUCLEO DE POLIPROPILENO, SOPORTES LIVIANOS (SL)**
-  **WIELEN MET THERMOPLASTISCH RUBBER, KERN VAN POLYPROPYLEEN, STANDAARD GAFFELS (SL)**
-  **КОЛЁСА ИЗ ТЕРМОПЛАСТИЧНОЙ СЕРОЙ РЕЗИНЫ С ОСНОВАНИЕМ ИЗ ПОЛИПРОПИЛЕНА, КРОНШТЕЙНЫ ДЛЯ ЛЕГКИХ ГРУЗОВ "SL"**
-  **RODAS EM BORRACHA TERMOPLÁSTICA, NÚCLEO EM POLIPROPILENO, SUPORTES LEVES (SL)**

 80-125 mm












 85 Shore A

 70-120 daN
4 km/h









 570-120 daN

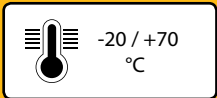
 -20 / +70 °C










		SL 		SL 		SL 															
mm	mm	kg	CODE	kg	CODE	kg	CODE	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	daN			
80	30	0.43	715801	0.42	716001	0.55	716301	109	95x80	100x85	80x60	8.8	36	120				70			
100	30	0.46	715802	0.45	716002	0.60	716302	127	95x80	100x85	80x60	8.8	33	120				100			
125	35	0.63	715803	0.61	716003	0.74	716303	153	95x80	100x85	80x60	8.8	29	120				120			














		SL 		SL 																	
mm	mm	kg	CODE	kg	CODE	mm	mm	mm	mm	mm	mm	mm	mm	mm	daN						
80	30	0.38	716101	0.48	716201	109	63	12	36	120					70						
100	30	0.41	716102	0.52	716202	127	63	12	33	120					100						
125	30	0.57	716103	0.67	716203	153	63	12	29	120					120						



















-  **THERMOPLASTIC RUBBER WHEELS, POLYPROPYLENE CENTRE, STANDARD DUTY BRACKETS (NL)**
-  **THERMOPLASTISCHE GUMMI-RÄDER, POLYPROPYLENKERN, LEICHTE GEHÄUSE (NL)**
-  **ROUES EN CAOUTCHOUC THERMOPLASTIQUE, CORPS EN POLYPROPYLENE, MONTURES LEGERES (NL)**
-  **RUEDAS DE GOMA TERMOPLASTICA, NUCLEO DE POLIPROPILENO, SOPORTES INDUSTRIALES (NL)**
-  **WIELEN MET THERMOPLASTISCH RUBBER, KERN VAN POLYPROPYLEEN, STANDAARD GAFFELS (NL)**
-  **КОЛЁСА ИЗ ТЕРМОПЛАСТИЧНОЙ СЕРОЙ РЕЗИНЫ С ОСНОВАНИЕМ ИЗ ПОЛИПРОПИЛЕНА, КРОНШТЕЙНЫ ДЛЯ ЛЕГКИХ ГРУЗОВ "NL"**
-  **RODAS EM BORRACHA TERMOPLÁSTICA, NÚCLEO EM POLIPROPILENO, SUPORTES INDUSTRIAIS (NL)**

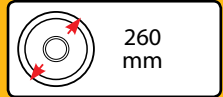


																					
mm	mm	kg	CODE	kg	CODE	kg	CODE	mm	mm	mm	mm	mm	mm	mm	mm	daN					
80	30	0.60	714201	0.36	715701	0.79	716601	107	100x85	80x60	9	37	120	70							
100	30	0.70	714202	0.39	715702	0.85	716602	128	100x85	80x60	9	35	120	100							
125	35	0.86	714203	0.61	715703	1.00	716603	156	100x85	80x60	9	37	120	120							
80	30	0.61	714501	0.38	715901	0.82	716621	107	100x85	80x60	9	37	120	70							
100	30	0.71	714502	0.39	715902	0.86	716622	128	100x85	80x60	9	35	120	100							
125	35	0.87	714503	0.62	715903	1.03	716623	156	100x85	80x60	9	37	120	120							
80	30	0.58	714701	0.45	714801	0.75	714901	107	100x85	80x60	9	37	120	70							
100	30	0.64	714702	0.50	714802	0.81	714902	128	100x85	80x60	9	35	120	100							
125	35	0.81	714703	0.61	714803	0.97	714903	156	100x85	80x60	9	37	120	120							



																						
mm	mm	kg	CODE	kg	CODE	mm	mm	mm	mm	mm	mm	mm	mm	mm	daN							
80	30	0.53	717401	0.71	716501	107	73	12	37	120	70											
100	30	0.63	717402	0.84	716502	128	73	12	35	120	100											
125	35	0.80	717403	0.95	716503	156	73	12	37	120	120											
80	30	0.55	717801	0.73	716521	107	73	12	37	120	70											
100	30	0.64	717802	0.84	716522	128	73	12	35	120	100											
125	35	0.82	717803	0.98	716523	156	73	12	37	120	120											
80	30	0.53	714301	0.70	715501	107	73	12	37	120	70											
100	30	0.58	714302	0.75	715502	128	73	12	35	120	100											
125	35	0.74	714303	0.94	715503	156	73	12	37	120	120											

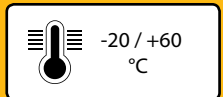
-  **PUNCTURE-PROOF PNEUMATIC WHEELS, POLYPROPYLENE CENTRE, STANDARD DUTY BRACKETS (NL)**
-  **PANNENFREIE RÄDER, POLYPROPYLENKERN, LEICHTE GEHÄUSE (NL)**
-  **ROUES PNEUMATIQUES ANTI-CREVAISON, CORPS EN POLYPROPYLENE, MONTURES LEGERES (NL)**
-  **RUEDA NEUMATICA IMPINCHABLE, NUCLEO DE POLIPROPILENO, SOPORTES INDUSTRIALES (NL)**
-  **WIELEN MET LUCHTBANDEN, KUNSTSTOF VELG, STANDAARD GAFFELS (NL)**
-  **КОЛЕСА УСТОЙЧИВЫ К ПРОКОЛАМ, ОСНОВАНИЕ ИЗ ПОЛИПРОПИЛЕНА, КРОНШТЕЙНЫ ДЛЯ ЛЕГКИХ ГРУЗОВ "NL"**
-  **RODAS PNEUMÁTICAS ANTI-PERFURAÇÃO, NÚCLEO EM POLIPROPILENO, SUPORTES INDUSTRIAIS (NL)**



260 mm




70 daN
















-20 / +60 °C

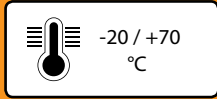
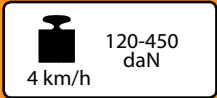


																
mm	mm	kg	CODE	mm	mm	daN										
260	75	1,03	823701	20	77	70										



																
mm	mm	kg	COD.	kg	COD.	mm	mm	mm	mm	mm	daN					
260	75	4,48	827601 	2,98	828601 	300	200x160	160x120	14	86	70					

SERIES **60**



THERMOPLASTIC POLYURETHANE WHEELS, POLYAMIDE 6 CENTRE

RÄDER AUS THERMOPLASTISCHEM POLYURETHAN MIT POLYAMID 6 FELGE

ROUES EN POLYURETHANE THERMOPLASTIQUE, CORPS EN POLYAMIDE 6

RUEDAS DE POLIURETANO TERMOPLASTICO, NUCLEO DE POLIAMIDA 6

WIELEN MET GESPOTEN HARD POLYURETHAAN, KERN VAN POLYAMIDE 6

КОЛЕСА ИЗ ТЕРМОПЛАСТИЧНОГО ПОЛИУРЕТАНА, ОСНОВАНИЕ ИЗ ПОЛИАМИДА 6








RODAS EM POLIURETANO INJECTADO, NÚCLEO EM POLIAMIDA 6



mm	mm	kg	CODE	kg	CODE	kg	CODE	mm	mm.	daN	daN	daN				
80	30	0.11	601101	0.13	603101	0.13	603201	12	39	220	120	120				
100	30	0.15	601102	0.16	603102	0.16	603202	12	44	300	170	170				
125	35	0.25	601103	0.27	603103	0.27	603203	15	44	350	230	230				
150	35	0.38	601105	0.40	603105	0.40	603205	15	44	500	250	250				
150	45	0.47	601104	0.52	603104	0.52	603204	20	59	700	280	350				
200	50	0.82	601106	0.87	603106	0.87	603206	20	59	750	380	450				
















mm	mm	kg	CODE	kg	CODE	mm	mm.	daN	daN	daN	daN					
80	30	0.17	602201	0.17	602401	8	40	220	130	130	100					
100	30	0.21	602202	0.21	602402	8	45	300	200	200	160					
125	35	0.30	602203	0.30	602403	8	45	350	250	250	200					

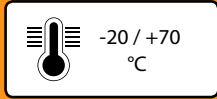
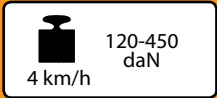
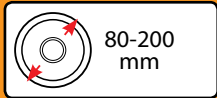
-  **THERMOPLASTIC POLYURETHANE WHEELS, POLYAMIDE 6 CENTRE, STANDARD DUTY BRACKETS (NL)**
-  **RÄDER AUS THERMOPLASTISCHEM POLYURETHAN MIT POLYAMID 6 FELGE, LEICHTE GEHÄUSE (NL)**
-  **ROUES EN POLYURETHANE THERMOPLASTIQUE, CORPS EN POLYAMIDE 6, MONTURES LEGERES (NL)**
-  **RUEDAS DE POLIURETANO TERMOPLASTICO, NUCLEO DE POLIAMIDA 6, SOPORTES INDUSTRIALES (NL)**
-  **WIELEN MET GESPOTEN HARD POLYURETHAAN, KERN VAN POLYAMIDE 6, STANDAARD GAFFELS (NL)**
-  **КОЛЕСА ИЗ ТЕРМОПЛАСТИЧНОГО ПОЛИУРЕТАНА, ОСНОВАНИЕ ИЗ ПОЛИАМИДА 6, КРОНШТЕЙНЫ ДЛЯ ЛЕГКИХ ГРУЗОВ "NL"**
-  **RODAS EM POLIURETANO INJECTADO, NÚCLEO EM POLIAMIDA 6, SUPORTES INDUSTRIAIS (NL)**



SERIES
60

-  80-200 mm
-  55 Shore D
-  120-450 daN
4 km/h
-  100-200 daN
6 km/h
-  120-380 daN
-  -20 / +70 °C

		NL 		NL 		NL 																									
mm	mm	kg	CODE	kg	CODE	kg	CODE	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm				
80	30	0.62	604201	0.38	605701	0.81	606601	107	100x85	80x60	9	37	120	120	170	220	220	300	300	107	100x85	80x60	9	37	120	120	170	220	220	300	300
100	30	0.74	604202	0.43	605702	0.89	606602	128	100x85	80x60	9	35	120	170	220	220	300	300	107	100x85	80x60	9	35	120	120	170	220	220	300	300	
125	35	0.91	604203	0.66	605703	1.05	606603	156	100x85	80x60	9	37	120	220	220	300	300	107	100x85	80x60	9	37	120	120	170	220	220	300	300		
150	35	1.08	604204	0.8	605704	1.21	606604	182	100x85	80x60	9	34	120	220	220	300	300	107	100x85	80x60	9	34	120	120	170	220	220	300	300		
150	45	1.83	604211	1.46	605711	2.11	606611	194	140x110	105x80	11	56	156	300	300	107	140x110	105x80	11	56	156	156	156	156	156	156	156	300	300		
200	50	2.23	604206	2.01	605706	2.49	606606	240	140x110	105x80	11	56	156	300	300	107	140x110	105x80	11	56	156	156	156	156	156	156	156	300	300		
80	30	0.63	604501	0.41	605901	0.84	606621	107	100x85	80x60	9	37	120	120	170	220	220	300	300	107	100x85	80x60	9	37	120	120	170	220	220	300	300
100	30	0.75	604502	0.43	605902	0.9	606622	128	100x85	80x60	9	35	120	170	220	220	300	300	107	100x85	80x60	9	35	120	120	170	220	220	300	300	
125	35	0.92	604503	0.67	605903	1.07	606623	156	100x85	80x60	9	37	120	220	220	300	300	107	100x85	80x60	9	37	120	120	170	220	220	300	300		
150	35	1.11	604504	0.82	605904	1.23	606624	182	100x85	80x60	9	34	120	220	220	300	300	107	100x85	80x60	9	34	120	120	170	220	220	300	300		
150	45	1.98	604511	1.51	605911	2.16	606631	194	140x110	105x80	11	56	156	300	300	107	140x110	105x80	11	56	156	156	156	156	156	156	156	300	300		
200	50	2.27	604506	2.06	605906	2.56	606626	240	140x110	105x80	11	56	156	300	300	107	140x110	105x80	11	56	156	156	156	156	156	156	156	300	300		
80	30	0.60	604701	0.48	604801	0.77	604901	107	100x85	80x60	9	37	120	130	170	220	220	300	300	107	100x85	80x60	9	37	120	120	170	220	220	300	300
100	30	0.67	604702	0.53	604802	0.84	604902	128	100x85	80x60	9	35	120	200	220	220	300	300	107	100x85	80x60	9	35	120	120	170	220	220	300	300	
125	35	0.86	604703	0.66	604803	1.02	604903	156	100x85	80x60	9	37	120	220	220	300	300	107	100x85	80x60	9	37	120	120	170	220	220	300	300		



THERMOPLASTIC POLYURETHANE WHEELS , POLYAMIDE 6 CENTRE, STANDARD DUTY BRACKETS (NL)

RÄDER AUS THERMOPLASTISCHEM POLYURETHAN MIT POLYAMID 6 FELGE, LEICHTE GEHÄUSE (NL)

ROUES EN POLYURETHANE THERMOPLASTIQUE, CORPS EN POLYAMIDE 6, MONTURES LEGERES (NL)

RUEDAS DE POLIURETANO TERMOPLASTICO, NUCLEO DE POLIAMIDA 6, SOPORTES INDUSTRIALES (NL)








WIELEN MET GESPOTEN HARD POLYURETHAAN, KERN VAN POLYAMIDE 6, STANDAARD GAFFELS (NL)

КОЛЕСА ИЗ ТЕРМОПЛАСТИЧНОГО ПОЛИУРЕТАНА, ОСНОВАНИЕ ИЗ ПОЛИАМИДА 6, КРОНШТЕЙНЫ ДЛЯ ЛЕГКИХ ГРУЗОВ "NL"

RODAS EM POLIURETANO INJECTADO, NÚCLEO EM POLIAMIDA 6, SUPORTES INDUSTRIAIS (NL)



mm	mm	kg	CODE	kg	CODE	mm	mm	mm	mm	mm	daN			
80	30	0.55	607701	0.73	606401	107	73	12	37	120	120			
100	30	0.67	607702	0.88	606402	128	73	12	35	120	170			
125	35	0.85	607703	1.00	606403	156	73	12	37	120	220			
150	35	1.01	607704	1.14	606404	182	73	12	34	120	220			
150	45	1.69	607711	1.98	606411	188	102	20	56	156	300			
200	50	2.13	607706	2.41	606406	236	102	20	56	156	300			
80	30	0.57	607801	0.75	606421	107	73	12	37	120	120			
100	30	0.68	607802	0.88	606422	128	73	12	35	120	170			
125	35	0.87	607803	1.02	606423	156	73	12	37	120	220			
150	35	1.03	607804	1.16	606424	182	73	12	34	120	220			
150	45	1.74	607811	2.03	606431	188	102	20	56	156	300			
200	50	2.18	607806	2.46	606426	236	102	20	56	156	300			
80	30	0.56	604301	0.72	605501	107	73	12	37	120	130			
100	30	0.61	604302	0.78	605502	128	73	12	35	120	200			
125	35	0.79	604303	0.96	605503	156	73	12	37	120	220			













-  **THERMOPLASTIC POLYURETHANE WHEELS, POLYAMIDE 6 CENTRE STAINLESS STEEL STANDARD DUTY BRACKETS (NLX)**
-  **RÄDER AUS THERMOPLASTISCHEM POLYURETHAN MIT POLYAMID 6 FELGE, LEICHTE EDELSTAHLGEHÄUSE (NLX)**
-  **ROUES EN POLYURETHANE THERMOPLASTIQUE, CORPS EN POLYAMIDE 6, MONTURES LEGERES EN ACIER INOX (NLX)**
-  **RUEDAS DE POLIURETANO TERMOPLASTICO, NUCLEO DE POLIAMIDA 6, SOPORTES INDUSTRIALES DE ACERO INOX (NLX)**
-  **WIELEN MET GESPOTEN HARD POLYURETHAAN, KERN VAN POLYAMIDE 6, STANDAARD RVS GAFFELS (NLX)**
-  **КОЛЕСА ИЗ ТЕРМОПЛАСТИЧНОГО ПОЛИУРЕТАНА, ОСНОВАНИЕ ИЗ ПОЛИАМИДА 6, КРОНШТЕЙНЫ ДЛЯ ЛЕГКИХ ГРУЗОВ ИЗ НЕРЖАВЕЮЩЕЙ СТАЛИ "NLX"**
-  **RODAS EM POLIURETANO INJECTADO, NÚCLEO EM POLIAMIDA 6, SUPORTES INDUSTRIAIS EM AÇO INOX (NLX)**



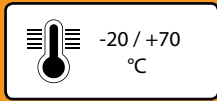
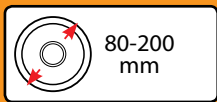
**INOX
STAINLESS STEEL**

SERIES
60



																										
mm	mm	kg	CODE	kg	CODE	kg	CODE	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	daN			
80	30	0.61	604401	0.35	605101	0.78	606701	107	100x85	80x60	9	37	120	120												
100	30	0.65	604402	0.40	605102	0.83	606702	128	100x85	80x60	9	35	120	170												
125	35	0.81	604403	0.64	605103	0.95	606703	156	100x85	80x60	9	37	120	220												
150	35	0.97	604404	0.81	605104	1.10	606704	182	100x85	80x60	9	34	120	220												
150	45	1.77	604411	1.33	605111	2.06	606711	194	140x110	105x80	11	56	156	300												
200	50	2.20	604406	1.74	605106	2.48	606706	240	140x110	105x80	11	56	156	300												
80	30	0.64	604601	0.38	605601	0.81	606721	107	100x85	80x60	9	37	120	120												
100	30	0.65	604602	0.41	605602	0.84	606722	128	100x85	80x60	9	35	120	170												
125	35	0.83	604603	0.66	605603	0.97	606723	156	100x85	80x60	9	37	120	220												
150	35	0.99	604604	0.83	605604	1.12	606724	182	100x85	80x60	9	34	120	220												
150	45	1.82	604611	1.38	605611	2.03	606731	194	140x110	105x80	11	56	156	300												
200	50	2.25	604606	1.74	605606	2.53	606726	240	140x110	105x80	11	56	156	300												
80	30	0.60	605401	0.48	605001	0.77	606901	107	100x85	80x60	9	37	120	130												
100	30	0.67	605402	0.53	605002	0.84	606902	128	100x85	80x60	9	35	120	200												
125	35	0.78	605403	0.66	605003	0.95	606903	156	100x85	80x60	9	37	120	220												

SERIES **60**



THERMOPLASTIC POLYURETHANE WHEELS , POLYAMIDE 6 CENTRE, MEDIUM DUTY BRACKETS (M)

RÄDER AUS THERMOPLASTISCHEM POLYURETHAN MIT POLYAMID 6 FELL MITTELSCHWERE GEHÄUSE (M)

ROUES EN POLYURETHANE THERMOPLASTIQUE, CORPS EN POLYAMIDE 6, MONTURES MOYENNES (M)

RUEDAS DE POLIURETANO TERMOPLASTICO, NUCLEO DE POLIAMIDA 6, SOPORTES MEDIOS (M)

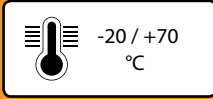
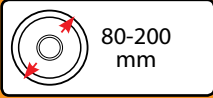
WIELEN MET GESPOTEN HARD POLYURETHAAN, KERN VAN POLYAMIDE 6, MIDDEL ZWARE GAFFELS (M)








КОЛЕСА ИЗ ТЕРМОПЛАСТИЧНОГО ПОЛИУРЕТАНА, ОСНОВАНИЕ ИЗ ПОЛИАМИДА 6, КРОНШТЕЙНЫ ДЛЯ СРЕДНИХ ГРУЗОВ "М"

RODAS EM POLIURETANO INJECTADO, NUCLEO EM POLIAMIDA 6, SUPORTES MÉDIOS (M)










		M		M		M											
mm	mm	kg	CODE	kg	CODE	kg	CODE	mm	mm	mm	mm	mm	mm	mm	mm	daN	
150	45	2.17	604311	1.46	605711	2.64	606811	194	140x110	105x80	11	58	178			350	
200	50	2.62	604306	2.01	605706	3.04	606806	240	140x110	105x80	11	50	178			450	
150	45	2.32	604711	1.51	605911	2.68	606831	194	140x110	105x80	11	58	178			350	
200	50	2.66	604706	2.06	605906	3.11	606826	240	140x110	105x80	11	50	178			450	



-  **SOFT THERMOPLASTIC POLYURETHANE WHEELS , POLYAMIDE 6 CENTRE, STANDARD DUTY BRACKETS (NL)**
-  **RÄDER AUS THERMOPLASTISCHEM WEICHEM POLYURETHAN MIT POLYAMID 6 FELGE, LEICHTE GEHÄUSE (NL)**
-  **ROUES EN POLYURETHANE THERMOPLASTIQUE ELASTIQUE , CORPS EN POLYAMIDE 6, MONTURES LEGERES (NL)**
-  **RUEDAS DE POLIURETANO TERMOPLASTICO BLANDO, NUCLEO DE POLIAMIDA 6, SOPORTES INDUSTRIALES (NL)**
-  **WIELEN MET GESPOTEN ZACHT POLYURETHAAN, KERN VAN POLYAMIDE 6, STANDAARD GAFFELS (NL)**
-  **КОЛЕСА ИЗ МЯГКОГО ТЕРМОПЛАСТИЧНОГО ПОЛИУРЕТАНА, ОСНОВАНИЕ ИЗ ПОЛИАМИДА 6, КРОНШТЕЙНЫ ДЛЯ ЛЕГКИХ ГРУЗОВ “NL”**
-  **RODAS EM POLIURETANO INJECTADO MACIO, NÚCLEO EM POLIAMIDA 6, SUPORTES INDUSTRIAIS (NL)**













mm	mm	NL		NL		NL		mm	mm	mm	mm	mm	mm	mm	daN
		kg	CODE	kg	CODE	kg	CODE								
80	30	0.62	614201	0.38	615701	0.81	616601	107	100x85	80x60	9	37	120	75	
100	30	0.74	614202	0.43	615702	0.89	616602	128	100x85	80x60	9	35	120	120	
125	35	0.91	614203	0.66	615703	1.05	616603	156	100x85	80x60	9	37	120	180	
150	35	1.08	614204	0.80	615704	1.21	616604	182	100x85	80x60	9	34	120	220	
150	45	1.83	614211	1.46	615711	2.11	616611	194	140x110	105x80	11	56	156	250	
200	50	2.23	614206	1.81	615706	2.49	616606	240	140x110	105x80	11	56	156	300	
80	30	0.63	614501	0.41	615901	0.84	616621	107	100x85	80x60	9	37	120	75	
100	30	0.75	614502	0.43	615902	0.90	616622	128	100x85	80x60	9	35	120	120	
125	35	0.92	614503	0.67	615903	1.07	616623	156	100x85	80x60	9	37	120	180	
150	35	1.11	614504	0.82	615904	1.23	616624	182	100x85	80x60	9	34	120	220	
150	45	1.98	614511	1.51	615911	2.16	616631	194	140x110	105x80	11	56	156	250	
200	50	2.27	614506	1.86	615906	2.51	616626	240	140x110	105x80	11	56	156	300	
80	30	0.60	614701	0.48	614801	0.77	614901	107	100x85	80x60	9	37	120	85	
100	30	0.67	614702	0.53	614802	0.84	614902	128	100x85	80x60	9	35	120	120	
125	35	0.82	614703	0.66	614803	1.02	614903	156	100x85	80x60	9	37	120	180	

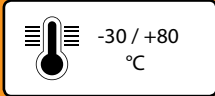
-  **SOFT THERMOPLASTIC POLYURETHANE WHEELS , POLYAMIDE 6 CENTRE, STANDARD DUTY BRACKETS (NL)**
-  **RÄDER AUS THERMOPLASTISCHEM WEICHEM POLYURETHAN MIT POLYAMID 6 FELGE, LEICHTE GEHÄUSE (NL)**
-  **ROUES EN POLYURETHANE THERMOPLASTIQUE ELASTIQUE , CORPS EN POLYAMIDE 6, MONTURES LEGERES (NL)**
-  **RUEDAS DE POLIURETANO TERMOPLASTICO BLANDO, NUCLEO DE POLIAMIDA 6, SOPORTES INDUSTRIALES (NL)**
-  **WIELEN MET GESPOTEN ZACHT POLYURETHAAN, KERN VAN POLYAMIDE 6, STANDAARD GAFFELS (NL)**
-  **КОЛЕСА ИЗ МЯГКОГО ТЕРМОПЛАСТИЧНОГО ПОЛИУРЕТАНА, ОСНОВАНИЕ ИЗ ПОЛИАМИДА 6, КРОНШТЕЙНЫ ДЛЯ ЛЕГКИХ ГРУЗОВ "NL"**
-  **RODAS EM POLIURETANO INJECTADO MACIO, NÚCLEO EM POLIAMIDA 6, SUPORTES INDUSTRIAIS (NL)**



-  80-200 mm
-  85 Shore A
-  4 km/h
75-300 daN
-  6 km/h
70-140 daN
-  75-300 daN
-  -15 / +70 °C

		NL		NL											
		 kg	CODE	 kg	CODE							mm	mm	mm	mm
80	30	0.55	617701	0.73	616401	107	73	12	37	120	75				
100	30	0.67	617702	0.88	616402	128	73	12	35	120	120				
125	35	0.85	617703	1.00	616403	156	73	12	37	120	180				
150	35	1.01	617704	1.14	616404	182	73	12	34	120	220				
150	45	1.69	617711	1.98	616411	188	102	20	56	156	250				
200	50	2.13	617706	2.41	616406	236	102	20	56	156	300				
80	30	0.57	617801	0.75	616421	107	73	12	37	120	75				
100	30	0.68	617802	0.88	616422	128	73	12	35	120	120				
125	35	0.87	617803	1.02	616423	156	73	12	37	120	180				
150	35	1.03	617804	1.16	616424	182	73	12	34	120	220				
150	45	1.74	617811	2.03	616431	188	102	20	56	156	250				
200	50	2.18	617806	2.46	616426	236	102	20	56	156	300				
80	30	0.56	614301	0.72	615501	107	73	12	37	120	85				
100	30	0.61	614302	0.78	615502	128	73	12	35	120	120				
125	35	0.79	614303	0.96	615503	156	73	12	37	120	180				

SERIES **68**



SOLID POLYAMIDE 6 WHEELS

MONOLITHISCHE RÄDER AUS POLYAMID 6

ROUES MONOLITHIQUES EN POLYAMIDE 6

RUEDAS MONO-BLOQUE DE POLIAMIDA 6

WIELEN VAN POLYAMIDE 6

КОЛЕСА МОНОЛИТНЫЕ ИЗ ПОЛИАМИДА 6








RODAS MONOLÍTICAS EM POLIAMIDA 6



mm	mm	kg	CODE	kg	CODE	kg	CODE	mm	mm.	daN	daN	daN			
65	30	0.06	681100	0.10	683111	0.10	683211	12	34	125	90	120			
80	30	0.08	681111	0.15	683112	0.15	683212	12	39	200	150	180			
100	30	0.13	681112	0.25	683103	0.25	683203	12	44	350	175	300			
125	38	0.23	681103	0.51	683104	0.51	683204	15	44	450	200	400			
150	45	0.34	681104	0.60	683105	0.60	683205	20	59	600	250	500			
175	45	0.48	681105	0.82	683106	0.82	683206	20	59	700	275	630			
200	50	0.64	681106	0.81	683116	0.81	683216	20	59	800	315	730			
250	60	1.30	681108	1.38	683108	1.38	683208	25	88	1300	450	1200			















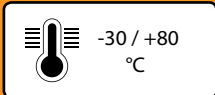
mm	mm	kg	CODE	kg	CODE	mm	mm.	mm	mm	daN	daN	daN			
200	50	0.82	683306	0.63	682106	20	60	47	14	800	315	730			
200	50	0.81	683316	0.63	682106	25	60	47	14	800	315	730			








-  **SOLID POLYAMIDE 6 WHEELS, STANDARD DUTY BRACKETS (NL)**
-  **MONOLITHISCHE RÄDER AUS POLYAMID 6, LEICHTE GEHÄUSE (NL)**
-  **ROUES MONOLITHIQUES EN POLYAMIDE 6, MONTURES LEGERES (NL)**
-  **RUEDAS MONO-BLOQUE DE POLIAMIDA 6, SOPORTES INDUSTRIALES (NL)**
-  **WIELEN VAN POLYAMIDE 6, STANDAARD GAFFELS (NL)**
-  **КОЛЕСА МОНОЛИТНЫЕ ИЗ ПОЛИАМИДА 6, КРОНШТЕЙНЫ ДЛЯ ЛЕГКИХ ГРУЗОВ "NL"**
-  **RODAS MONOLÍTICAS EM POLIAMIDA 6, SUPORTES INDUSTRIAIS (NL)**



-  65-250 mm
-  70 Shore D
-  120-1200 daN
4 km/h
-  90-450 daN
-  -30 / +80 °C













				NL 		NL 		NL 															
mm	mm	kg	CODE	kg	CODE	kg	CODE	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	daN	
65	30	0.57	684500	0.37	685100			100	100x85	80x60	9	37										120	
80	30	0.58	684501	0.39	685101	0.78	686801	107	100x85	80x60	9	37	120									180	
100	30	0.65	684502	0.46	685102	0.85	686802	128	100x85	80x60	9	35	120									200	
125	38	0.89	684503	0.64	685103	1.04	686803	156	100x85	80x60	9	37	120									220	
150	45	1.77	684504	1.45	685104	1.99	686804	194	140x110	105x80	11	56	156									300	
175	45	1.90	684505	1.56	685105	2.13	686805	217	140x110	105x80	11	56	156									300	
200	50	2.14	684506	1.92	685106	2.33	686806	240	140x110	105x80	11	56	156									300	
80	30	0.61	684801	0.41	685301	0.80	686821	107	100x85	80x60	9	37	120									180	
100	30	0.68	684802	0.49	685302	0.88	686822	128	100x85	80x60	9	35	120									200	
125	38	0.91	684803	0.66	685303	1.07	686823	156	100x85	80x60	9	37	120									220	
150	45	1.94	684804	1.63	685304	2.17	686824	194	140x110	105x80	11	56	156									300	
175	45	2.02	684805	1.68	685305	2.27	686825	217	140x110	105x80	11	56	156									300	
200	50	2.32	684806	2.10	685306	2.46	686826	240	140x110	105x80	11	56	156									300	
200	50	2.50	684866	2.30	685166	2.67	686846	240	140x110	105x80	11	56	156									300	















-  **SOLID POLYAMIDE 6 WHEELS, STAINLESS STEEL STANDARD DUTY BRACKETS (NLX) AND MEDIUM DUTY BRACKETS (M)**
-  **MONOLITHISCHE RÄDER AUS POLYAMID 6, LEICHTE EDELSTAHLGEHÄUSE (NLX) UND MITTELSCHWERE GEHÄUSE (M)**
-  **ROUES MONOLITHIQUES EN POLYAMIDE 6, MONTURES LEGERES EN ACIER INOX (NLX) ET MONTURES MOYENNES (M)**
-  **RUEDAS MONO-BLOQUE DE POLIAMIDA 6, SOPORTES INDUSTRIALES DE ACERO INOX (NLX) Y SOPORTES MEDIOS (M)**
-  **WIELEN VAN POLYAMIDE 6, STANDAARD RVS GAFFELS (NLX) EN MIDDEL ZWARE GAFFELS (M)**
-  **КОЛЕСА МОНОЛИТНЫЕ ИЗ ПОЛИАМИДА 6, КРОНШТЕЙНЫ ДЛЯ ЛЕГКИХ ГРУЗОВ ИЗ НЕРЖАВЕЮЩЕЙ СТАЛИ "NLX", КРОНШТЕЙНЫ ДЛЯ СРЕДНИХ ГРУЗОВ "M"**
-  **RODAS MONOLÍTICAS EM POLIAMIDA 6, SUPORTES INDUSTRIAIS EM AÇO INOX (NLX) E MÉDIOS (M)**











**INOX
STAINLESS STEEL**


				NLX 		NLX 		NLX 															
mm	mm	kg	CODE	kg	CODE	kg	CODE	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	daN	
80	30	0.55	684401	0.29	685401	0.73	689001	107	100x85	80x60	9	37	120									180	
100	30	0.61	684402	0.36	685402	0.76	689002	128	100x85	80x60	9	35	120									200	
125	38	0.78	684403	0.63	685403	0.95	689003	156	100x85	80x60	9	37	120									220	
150	45	1.65	684404	1.20	685404	1.94	689004	194	140x110	105x80	11	56	156									300	
175	45	1.79	684405	1.35	685405	2.08	689005	217	140x110	105x80	11	56	156									300	
200	50	2.02	684406	1.56	685406	2.30	689006	240	140x110	105x80	11	56	156									300	
80	30	0.56	684601	0.31	685601	0.75	689101	107	100x85	80x60	9	37	120									180	
100	30	0.64	684602	0.39	685602	0.79	689102	128	100x85	80x60	9	35	120									200	
125	38	0.80	684603	0.65	685603	0.97	689103	156	100x85	80x60	9	37	120									220	
150	45	1.83	684604	1.39	685604	2.11	689104	194	140x110	105x80	11	56	156									300	
175	45	1.91	684605	1.47	685605	2.20	689105	217	140x110	105x80	11	56	156									300	
200	50	2.20	684606	1.75	685606	2.48	689106	240	140x110	105x80	11	56	156									300	





				M 		M 		M 															
mm	mm	kg	CODE	kg	CODE	kg	CODE	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	daN	
150	45	2.12	684704	1.45	685104	2.52	688204	194	140x110	105x80	11	58	178									500	
200	50	2.53	684706	1.92	685106	2.89	688206	240	140x110	105x80	11	50	178									500	
150	45	2.29	685004	1.63	685304	2.70	689204	194	140x110	105x80	11	58	178									500	
200	50	2.71	685006	2.10	685306	3.01	689206	240	140x110	105x80	11	50	178									500	
200	50	2.69	684206	2.30	685166	3.22	684306	240	140x110	105x80	11	50	178									500	


-  SIGMA ELASTIC RUBBER WHEELS, POLYAMIDE 6 CENTRE
-  RÄDER AUS SIGMA ELASTIC GUMMI MIT POLYAMID 6 FELGE
-  ROUES EN CAOUTCHOUC SIGMA ELASTIC, CORPS EN POLYAMIDE 6
-  RUEDAS DE GOMA SIGMA ELASTIC, NUCLEO DE POLIAMIDA 6
-  WIELEN MET SIGMA ELASTIC RUBBERBAND, KERN VAN POLYAMIDE 6
-  КОЛЁСА ИЗ ЭЛАСТИЧНОЙ РЕЗИНЫ SIGMA, ОСНОВАНИЕ ИЗ ПОЛИАМИДА 6
-  RODAS EM BORRACHA SIGMA ELASTIC, NÚCLEO EM POLIAMIDA 6

 100-200 mm














 70 Shore A

 150-450 daN
4 km/h














 100-350 daN

 -20/ +70 °C

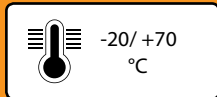









												
mm	mm	kg	CODE	kg	CODE	kg	CODE	mm	mm.	daN	daN	daN
100	40	0.31	731102	0.36	733102			12	44	200	100	150
125	40	0.38	731103	0.58	733103			15	44	270	150	230
160	50	0.83	731104	1.04	733104	1.04	733204	20	59	350	200	300
200	50	1.04	731106	1.25	733106	1.25	733206	20	59	510	350	450




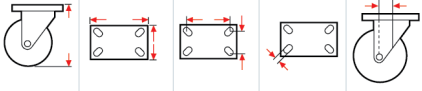




												
mm	mm	kg	CODE	kg	CODE	mm	mm.	mm	mm	daN	daN	daN
100	40	0.36	732102	0.29	734102	12	40	32	11.5	200	120	150
125	40	0.58	732103	0.38	734103	20	44	47	17	270	200	230
160	50	0.99	732104	0.79	734104	20	58	47	17	350	250	300
200	50	1.12	732106	0.92	734106	20	58	47	17	510	350	450








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-  **SIGMA ELASTIC RUBBER WHEELS, POLYAMIDE 6 CENTRE, STANDARD DUTY BRACKETS (NL)**
-  **RÄDER AUS SIGMA ELASTIC GUMMI MIT POLYAMID 6 FELGE, LEICHTE GEHÄUSE (NL)**
-  **ROUES EN CAOUTCHOUC SIGMA ELASTIC, CORPS EN POLYAMIDE 6, MONTURES LEGERES (NL)**
-  **RUEDAS DE GOMA SIGMA ELASTIC, NUCLEO DE POLIAMIDA 6, SOPORTES INDUSTRIALES (NL)**
-  **WIELEN MET SIGMA ELASTIC RUBBERBAND, KERN VAN POLYAMIDE 6, STANDAARD GAFFELS (NL)**
-  **КОЛЁСА ИЗ ЭЛАСТИЧНОЙ РЕЗИНЫ SIGMA, ОСНОВАНИЕ ИЗ ПОЛИАМИДА 6, КРОНШТЕЙНЫ ДЛЯ ЛЕГКИХ ГРУЗОВ "NL"**
-  **RODAS EM BORRACHA SIGMA ELASTIC, NÚCLEO EM POLIAMIDA 6, SUPORTES INDUSTRIAIS (NL)**


















		NL		NL		NL									
mm	mm	 kg	CODE	 kg	CODE	 kg	CODE	mm	mm	mm	mm	mm	mm	mm	daN
100	40	0.85	735002	0.65	735102	0.97	735202	128	100x85	80x60	9	35	120	150	
125	40	1.08	735003	0.81	735103	1.19	735203	156	100x85	80x60	9	37	120	220	
160	50	2.11	735004	1.74	735104	2.36	735204	198	140x110	105x80	11	56	156	300	
200	50	2.44	735006	1.98	735106	2.69	735206	240	140x110	105x80	11	56	156	300	
100	40	0.91	735302	0.70	735402	1.02	735502	128	100x85	80x60	9	35	120	150	
125	40	1.23	735303	0.96	735403	1.34	735503	156	100x85	80x60	9	37	120	220	
160	50	2.32	735304	1.89	735404	2.51	735504	198	140x110	105x80	11	56	156	300	
200	50	2.65	735306	2.06	735406	2.77	735506	240	140x110	105x80	11	56	156	300	
100	40	0.91	735602	0.70	735702	1.02	735802	128	100x85	80x60	9	35	120	150	
125	40	1.23	735603	0.96	735703	1.34	735803	156	100x85	80x60	9	37	120	220	
160	50	2.32	735604	1.94	735704	2.56	735804	198	140x110	105x80	11	56	156	300	
200	50	2.65	735606	2.19	735706	2.89	735806	240	140x110	105x80	11	56	156	300	

-  **SIGMA ELASTIC RUBBER WHEELS, POLYAMIDE 6 CENTRE, MEDIUM DUTY BRACKETS (M)**
-  **RÄDER AUS SIGMA ELASTIC GUMMI MIT POLYAMID 6 FELGE, MITTELSCHWERE GEHÄUSE (M)**
-  **ROUES EN CAOUTCHOUC SIGMA ELASTIC CORPS EN POLYAMIDE 6, MONTURES MOYENNES (M)**
-  **RUEDAS DE GOMA SIGMA ELASTIC, NUCLEO DE POLIAMIDA 6, SOPORTES MEDIOS (M)**
-  **WIELEN MET SIGMA ELASTIC RUBBERBAND, KERN VAN POLYAMIDE 6, MIDDEL ZWARE GAFFELS (M)**
-  **КОЛЁСА ИЗ ЭЛАСТИЧНОЙ РЕЗИНЫ SIGMA, ОСНОВАНИЕ ИЗ ПОЛИАМИДА 6, КРОНШТЕЙНЫ ДЛЯ СРЕДНИХ ГРУЗОВ "М"**
-  **RODAS EM BORRACHA SIGMA ELASTIC, NÚCLEO EM POLIAMIDA 6, SUPORTES MÉDIOS (M)**










-  100-200 mm
-  70 Shore A
-  150-450 daN
4 km/h
-  100-350 daN
-  -20/ +70 °C

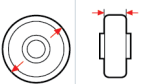


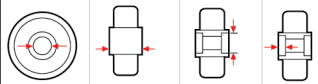




		M		M		M									
															4 km/h
mm	mm	kg	CODE	kg	CODE	kg	CODE	mm	mm	mm	mm	mm	mm	daN	
160	50	2.46	736904	1.74	735104	2.89	737604	199	140x110	105x80	11	58	178	300	
200	50	2.83	736906	1.98	735106	3.24	737606	240	140x110	105x80	11	50	178	450	
160	50	2.67	738904	1.94	735404	3.09	739004	199	140x110	105x80	11	58	178	300	
200	50	3.04	738906	2.19	735406	3.44	739006	240	140x110	105x80	11	50	178	450	
160	50	2.62	739104	1.89	735704	3.04	739204	199	140x110	105x80	11	58	178	300	
200	50	2.91	739106	2.06	735706	3.32	739206	240	140x110	105x80	11	50	178	450	

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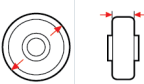



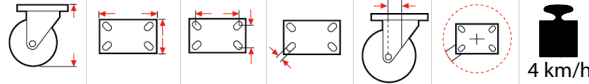


-  **ELASTIC "TR-ROLL" POLYURETHANE WHEELS, ALUMINIUM CENTRE, STANDARD DUTY BRACKETS (NL)**
-  **RÄDER AUS "TR-ROLL" POLYURETHAN ELASTISCHEM MIT ALUMINIUM FELGE LEICHTE GEHÄUSE (NL)**
-  **ROUES EN POLYURETHANE "TR-ROLL", CORPS EN ALUMINIUM, MONTURES LEGERES (NL)**
-  **RUEDAS DE POLIURETANO "TR ROLL" ELASTICO, NUCLEO DE ALUMINIO SOPORTES INDUSTRIALES (NL)**
-  **WIELEN MET "TR-ROLL" POLYURETHAAN, KERN VAN ALUMINIUM STANDAARD GAFFELS (NL)**
-  **КОЛЕСА ИЗ ЭЛАС ТИЧНОГО ПОЛИУРЕТАНА TR-ROLL С ОСНОВАНИЕМ ИЗ АЛЮМИНИЯ, КРОНШТЕЙНЫ ДЛЯ ЛЕГКИХ ГРУЗОВ "NL"**
-  **RODAS EM POLIURETANO "TR-ROLL" ELÁSTICO, NÚCLEO EM ALUMINIO SUPORTES INDUSTRIAIS (NL)**




													
mm	mm	kg	CODE	kg	CODE	mm	mm.	mm	mm	daN	daN	daN	daN
100	40	0.48	622102	0.39	624102	15	40	32	10	400	300	300	300
125	40	0.79	622113	0.54	624113	20	40	47	14	500	350	350	350
125	40	0.81	622103	0.56	624103	20	50	47	14	500	350	350	350
160	50	1.25	622104	1.00	624104	20	58	47	14.5	800	400	550	550
200	50	1.85	622106	1.60	624106	20	58	47	14	1000	500	700	700
200	50	1.84	622116	1.60	624106	25	58	47	14	1000	500	700	700
250	50	2.40	622108	2.10	624108	20	55	52	15	1000	550	800	800



		NL 		NL 		NL 								
mm	mm	kg	CODE	kg	CODE	kg	CODE	mm	mm	mm	mm	mm	mm	daN
100	40	0.86	624402	0.83	626202	1.05	627302	128	100x85	80x60	9	37	120	200
125	40	1.35	624413	1.17	626213	1.51	627313	156	100x85	80x60	9	35	120	220
125	40	1.46	624403	1.11	626203	2.34	627303	165	140x110	105x80	11	57	156	300

 **ELASTIC "TR-ROLL" POLYURETHANE WHEELS WITH ALUMINIUM CENTRE, MEDIUM DUTY (M) AND HEAVY DUTY (P) BRACKETS**

 **RÄDER AUS "TR-ROLL" POLYURETHAN ELASTISCHEM MIT ALUMINIUM FELGE MITTELSCHWERE (M) UND SCHWERE (P) GEHÄUSE**

 **ROUES EN POLYURETHANE "TR-ROLL", CORPS EN ALUMINIUM, MONTURES MOYENNES (NL) ET LOURDES (P)**

 **RUEDAS DE POLIURETANO "TR ROLL" ELASTICO, NUCLEO DE ALUMINIO SOPORTES MEDIOS (M) Y PESADOS (P)**

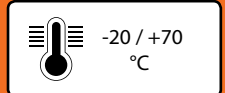
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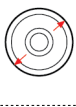
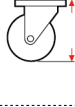
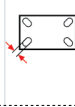
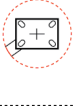
 **КОЛЕСА ИЗ ЭЛАСТИЧНОГО ПОЛИУРЕТАНА TR-ROLL С ОСНОВАНИЕМ ИЗ АЛЮМИНИЯ, КРОНШТЕЙНЫ ДЛЯ СРЕДНИХ ГРУЗОВ "М" И ДЛЯ ТЯЖЕЛЫХ ГРУЗОВ РТИПА "Р"**

 **RODAS EM POLIURETANO "TR-ROLL" ELÁSTICO, NÚCLEO EM ALUMINIO SUPORTES MÉDIO (M) E PESADOS (P)**

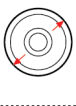
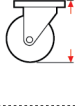
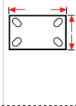
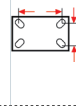
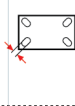




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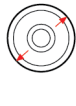
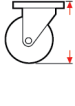
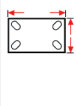
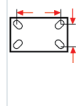
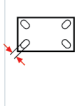




		M		M		M											
mm	mm	kg	CODE	kg	CODE	kg	CODE	mm	mm	mm	mm	mm	mm	mm	mm	daN	
160	50	2.95	624504	2.24	627704	3.42	627404	199	140x110	105x80	11	58	178			500	
200	50	3.69	624506	3.04	627706	4.07	627406	240	140x110	105x80	11	50	178			500	



		P		P		P													
mm	mm	kg	CODE	kg	CODE	kg	CODE	mm	mm	mm	mm	mm	mm	mm	mm	daN	daN		
100	40	1.35	627602	0.85	628512	1.52	627202	138	100x85	80x60	9	46	123			300	300		
125	40	1.70	627613	1.26	628513	1.87	627213	161	100x85	80x60	9	44	123			300	300		




		P		P		P													
mm	mm	kg	CODE	kg	CODE	kg	CODE	mm	mm	mm	mm	mm	mm	mm	mm	daN	daN		
125	40	2.33	627603	1.69	628503	2.86	627203	170	140x110	105x80	11	70	126			350	350		
160	50	3.60	627610	2.11	628514	4.17	627204	205	140x110	105x80	11	70	126			550	550		
200	50	4.31	627516	2.85	628516	4.91	627206	250	140x110	105x80	11	70	126			700	700		
250	50	4.84	627608	3.74	628518	5.54	627208	298	140x110	105x80	11	70	126			750	750		

SERIES **62**AL

 100-250 mm








 75 Shore A

 300-800 daN
4 km/h











 300-800 daN
6 km/h

 300-550 daN

 -20 / +70 °C

-  **ELASTIC "TR-ROLL" POLYURETHANE WHEELS WITH ALUMINIUM CENTRE, ELECTROWELDED BRACKETS (EE MHD)**
-  **RÄDER AUS "TR-ROLL" POLYURETHAN ELASTISCHEM MIT ALUMINIUM FELGE ELEKTROGESCHWEISSTE GEHÄUSE (EE MHD)**
-  **ROUES EN POLYURETHANE "TR-ROLL", CORPS EN ALUMINIUM, MONTURES ELECTROSOUEDES (EE MHD)**
-  **RUEDAS DE POLIURETANO "TR ROLL" ELASTICO, NUCLEO DE ALUMINIO SOPORTES ELECTROSOLDADOS (EE MHD)**
-  **WIELEN MET "TR-ROLL" POLYURETHAAN, KERN VAN ALUMINIUM ELEKTRISCH GELASTE GAFFELS (EE MHD)**
-  **КОЛЕСА ИЗ ЭЛАСТИЧНОГО ПОЛИУРЕТАНА TR-ROLL С ОСНОВАНИЕМ ИЗ АЛЮМИНИЯ КРОНШТЕЙНЫ ЭЛЕКТРОСВАРНЫЕ EE MHD**
-  **RODAS EM POLIURETANO "TR-ROLL" ELÁSTICO, NÚCLEO EM ALUMINIO SUPORTES EM CONSTRUÇÃO SOLDADA (EE MHD)**



		EE MHD		EE MHD		EE MHD									
		kg	CODE	kg	CODE	kg	CODE								
100	40	3.38	628302	2.40	628402	4.26	628602	170	135x110	105x80	11	51	157	300	300
125	40	3.71	628303	2.73	628403	4.59	628603	182	135x110	105x80	11	51	157	350	350
160	50	4.25	628314	3.26	628414	5.13	628614	215	135x110	105x80	11	60	157	550	550
180	50	4.62	628305	3.64	628405	5.51	628605	242	135x110	105x80	11	70	157	600	600
200	50	4.97	628306	3.99	628406	6.31	628606	252	135x110	105x80	11	70	157	700	700

- ELASTIC "TR-ROLL" POLYURETHANE WHEELS WITH ROUND PROFILE AND ALUMINIUM CENTRE, MEDIUM DUTY (M) AND HEAVY DUTY (P) BRACKETS
- "TR-ROLL" POLYURETHANRÄDER MIT BALLIGEM BELAG UND ALUKERN, MITTELSCHWERE (M) UND SCHWERE LASTEN (P) GEHÄUSEAUSFÜHRUNGEN
- ROUES EN POLYURETHANE "TR-ROLL" AVEC PROFIL ROND ERGONOMIQUE, CORPS EN ALLUMINIUM, MONTURES MOYENNES (M) ET LOURDES (P)
- RUEDAS DE POLIURETANO "TR ROLL" CON PERFIL REDONDO ERGONOMICO, NUCLEO DE ALUMINIO, SOPORTES MEDIOS (M) Y PESADOS (P)
- POLYURETHAAN WIEL "TR-ROLL" MET ERGONOMISCH AFGEROND PROFIEL, MET ALUMINIUM KERN, MIDDELZWARE GAFFEL (M) EN ZWARE GAFFEL (P)
- КОЛЕСА ИЗ ПОЛИУРЕТАНА "TR-ROLL" С ЗАКРУГЛЕННЫМ ПРОФИЛЕМ И ОСНОВАНИЕ ИЗ АЛЮМИНИЙНЫХ ДЛЯ СРЕДНИХ ГРУЗОВ (M) И ТЯЖЕЛЫХ ГРУЗОВ (P)
- RODAS EM POLIURETANO "TR-ROLL" ELÁSTICO COM PERFIL REDONDO, NÚCLEO EM ALUMINIO, SUPORTES MÉDIO (M) E PESADOS (P)



125-200 mm



75 Shore A



350-700 daN
4 km/h



350-700 daN
6 km/h



350-700 daN



-20 / +70 °C



										Static		4 km/h	6 km/h
mm	mm	kg	COD.	kg	COD.	mm	mm	mm	mm	daN	daN	daN	daN
125	40	0,73	622143	0,51	624143	20	50	47	14	500	350	350	350
125	50	0,88	622153	0,65	624153	20	58	47	14	500	450	450	400
160	50	1,11	622144	0,89	624144	20	58	47	14,5	800	550	550	550
200	50	1,68	622146	1,44	624146	20	58	47	14	1000	700	700	700

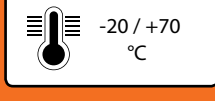
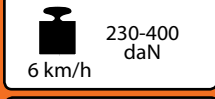


		M		M		M								4 km/h	
mm	mm	kg	COD.	kg	COD.	kg	COD.	mm	mm	mm	mm	mm	mm	mm	daN
160	50	2,81	624604	2,10	628204	3,28	627904	199	140x110	105x80	11	58	178	500	
200	50	3,52	624606	2,87	628206	3,90	627906	240	140x110	105x80	11	50	178	500	



		P		P		P								4 km/h	6 km/h	
mm	mm	kg	COD.	kg	COD.	kg	COD.	mm	mm	mm	mm	mm	mm	mm	daN	daN
125	40	2,27	629003	1,63	629103	2,83	629203	170	140x110	105x80	11	70	126	350	350	
125	50	2,42	629013	2,78	629113	2,95	629213	170	140x110	105x80	11	70	126	450	400	
160	50	3,46	629004	2,28	629104	4,27	629204	205	140x110	105x80	11	70	126	550	550	
200	50	4,14	629006	2,68	629106	4,74	629206	250	140x110	105x80	11	70	126	700	700	

SERIES **62^{NY}**



ELASTIC "TR-ROLL" POLYURETHANE WHEELS WITH POLYAMIDE 6 CENTRE

RÄDER AUS "TR-ROLL" POLYURETHAN MIT POLYAMID 6 FELGE

ROUES EN POLYURETHANE "TR-ROLL", CORPS EN POLYAMIDE 6

RUEDAS DE POLIURETANO "TR ROLL" ELASTICO, NUCLEO DE POLIAMIDA 6

WIELEN MET "TR-ROLL" POLYURETHAAN, KERN VAN POLYAMIDE 6

КОЛЕСА ИЗ ЭЛАСТИЧНОГО ПОЛИУРЕТАНА TR-ROLL С ОСНОВАНИЕМ ИЗ ПОЛИАМИДА 6

RODAS EM POLIURETANO "TR-ROLL" ELÁSTICO, NUCLEO EM POLIAMIDA 6



mm	mm	kg	COD.	kg	COD.	kg	COD.	mm	mm.	mm	mm	daN	daN	daN	daN
100	40	0,34	622302	0,34	622402	0,27	624302	15	40	32	9	300	230	230	230
125	40	0,45	622303	0,45	622403	0,37	624303	15	40	32	9	350	280	280	280
160	50	1,06	622304	1,06	622404	0,97	624304	20	55	47	14	450	400	400	360
200	50	1,36	622306	1,36	622406	1,27	624306	20	55	47	14	600	500	500	450




Ergonomic round profile




mm	mm	kg	COD.	kg	COD.	kg	COD.	mm	mm.	mm	mm	daN	daN	daN	daN
125ER	40	0,40	622603	0,40	622503	0,32	624603	15	40	32	9	300	250	250	250
160ER	50	1,00	622604	1,00	622504	0,91	624704	20	55	47	14	450	400	400	360
200ER	50	1,27	622606	1,27	622506	1,18	624706	20	55	47	14	600	500	500	450


 ELASTIC "TR-ROLL" POLYURETHANE WHEELS WITH POLYAMIDE 6 CENTRE, STANDARD DUTY (NL) AND HEAVY DUTY (P) BRACKETS

 RÄDER AUS "TR-ROLL" POLYURETHAN MIT POLYAMID 6 FELGE LEICHTE (NL) UND SCHWERE (P) GEHÄUSE

 ROUES EN POLYURETHANE "TR-ROLL", CORPS EN POLYAMIDE 6, MONTURES LEGERES (NL) ET LOURDES (P)

 RUEDAS DE POLIURETANO "TR ROLL" ELASTICO, NUCLEO DE POLIAMIDA 6 SOPORTES INDUSTRIALES (NL) Y PESADOS (P)

 WIELEN MET "TR-ROLL" POLYURETHAAN, KERN VAN POLYAMIDE 6 STANDAARD (NL) EN ZWARE (P) GAFFELS
















 КОЛЕСА ИЗ ЭЛАСТИЧНОГО ПОЛИУРЕТАНА TR-ROLL С ОСНОВАНИЕМ ИЗ ПОЛИАМИДА 6 КРОНШТЕЙНЫ ДЛЯ ЛЕГКИХ ГРУЗОВ "NL" И ДЛЯ ТЯЖЕЛЫХ ГРУЗОВ РТИПА "P"

 RODAS EM POLIURETANO "TR-ROLL" ELÁSTICO, NUCLEO EM POLIAMIDA 6 SUPORTES INDUSTRIAIS (NL) E PESADOS (P)


















SERIES **62** 



		NL		NL		NL									4 km/h
															daN
mm	mm	kg	COD.	kg	COD.	kg	COD.	mm	mm	mm	mm	mm	mm	mm	daN
100	40	0,94	624422	0,69	626222	1,08	627322	128	100x85	80x60	9	35	120	200	
125	40	1,10	624423	0,85	626223	1,24	627323	156	100x85	80x60	9	37	120	220	
125ER	40	1,05	629303	0,80	629403	1,19	629503	156	100x85	80x60	9	37	120	220	
160	50	2,49	624434	2,19	627724	2,78	627334	199	140x110	105x80	11	56	156	300	
160ER	50	2,43	624424	2,13	627734	2,72	627324	199	140x110	105x80	11	56	156	300	
200	50	2,87	624436	2,63	627726	3,07	627336	240	140x110	105x80	11	56	156	300	
200ER	50	2,78	624426	2,54	627736	2,98	627326	240	140x110	105x80	11	56	156	300	



		P		P		P									4 km/h	6 km/h
															daN	daN
mm	mm	kg	COD.	kg	COD.	kg	COD.	mm	mm	mm	mm	mm	mm	mm	daN	daN
100	40	1,20	627622	0,82	628522	1,35	627222	138	100x85	80x60	9	46	123	230	230	
125	40	1,35	627623	0,93	628523	1,50	627223	161	100x85	80x60	9	44	123	280	280	
125ER	40	1,30	629313	0,88	629413	1,45	629513	161	100x85	80x60	9	44	123	250	250	
160	50	3,33	627634	2,00	628534	5,03	627234	205	140x110	105x80	11	70	126	400	360	
160ER	50	3,27	627624	1,94	628524	4,96	627224	205	140x110	105x80	11	70	126	400	360	
200	50	3,82	627636	2,36	628536	4,42	627236	250	140x110	105x80	11	70	126	500	450	
200ER	50	3,73	627626	2,27	628526	4,33	627226	250	140x110	105x80	11	70	126	500	450	



"TR" POLYURETHANE WHEELS WITH CAST IRON CENTRE



RÄDER AUS "TR" POLYURETHAN MIT FELGE AUS GUSSEISEN



ROUES EN POLYURETHANE "TR", CORPS EN FONTE MECANIQUE



RUEDAS DE POLIURETANO "TR", NUCLEO DE HIERRO FUNDIDO



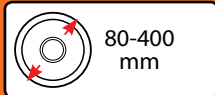
WIELEN MET "TR" POLYURETHAAN, KERN VAN GIETIJZEREN



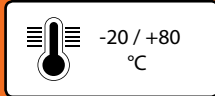
КОЛЕСА ИЗ ПОЛИУРЕТАНА "TR" С ОСНОВАНИЕМ ИЗ МЕХАНИЧЕСКОГО ЧУГУНА























RODAS EM POLIURETANO "TR", NÚCLEO EM FERRO FUNDIDO

80-400
mm

95 Shore A

280-3500
daN
4 km/h220-2800
daN
6 km/h190-750
daN-20 / +80
°C

															
mm	mm	kg	CODE	kg	CODE	mm	mm.	mm	mm	daN	daN	daN	daN		
80	28	0.51	642151	0.46	644151	12	32	28	8	370	190	280	220		
100	38	1.02	642152	0.91	644152	15	40	35	11	500	220	380	300		
125	38	1.45	642153	1.34	644153	15	40	35	11	600	240	450	360		
125	50	1.98	642163	1.76	644163	20	55	47	14	800	270	550	440		
125	50	1.96	642363	1.76	644163	25	55	47	14	800	270	550	440		
125	58	2.86	642103	2.62	644103	20	58	47	15	800	250	600	480		
150	50	2.50	642154	2.28	644154	20	55	47	14	910	290	700	560		
150	50	2.48	642354	2.28	644154	25	55	47	14	910	290	700	560		
150	58	2.83	642104	2.59	644104	20	58	47	15	1400	350	850	680		
150	78	5.69	642124	5.19	644124	25	88	62	18	1700	400	1000	800		
160	50	2.65	642164	2.43	644164	20	55	47	14	1000	300	750	600		
160	50	2.63	642364	2.43	644164	25	55	47	14	1000	300	750	600		
180	50	3.02	642155	2.80	644155	20	55	47	14	1100	350	900	720		
200	50	3.65	642156	3.43	644156	20	55	47	14	1500	380	1000	800		
200	50	3.63	642356	3.43	644156	25	55	47	14	1500	380	1000	800		
200	78	7.26	642166	6.74	644166	25	86	62	17	2000	450	1600	1300		
200	78	7.24	642366	6.74	644166	30	86	62	17	2000	450	1600	1300		
250	60	8.13	642157	7.61	644157	25	65	62	17	2500	480	1500	1200		
250	60	8.10	642357	7.61	644157	30	65	62	17	2500	480	1500	1200		
250	78	9.81	642167	9.81	644167	25	86	62	17	2800	500	1900	1500		
250	78	9.80	642367	9.81	644167	30	86	62	17	2800	500	1900	1500		
300	60	11.43	642158	10.96	644158	30	65	62	17	3200	550	1750	1400		
300	78	13.80	642168	13.33	644168	30	86	62	17	3400	600	2300	1800		
360	120	31.63	642139	30.50	644139	40	120	90	23	3800	750	2800	2200		
400	100	28.86	642129	26.30	644129	50	120	110	28	4500	750	2800	2200		

-  **"TR" POLYURETHANE WHEELS WITH CAST IRON CENTRE, HEAVY DUTY BRACKETS (P)**
-  **RÄDER AUS "TR" POLYURETHAN MIT FELGE AUS GUSSEISEN, SCHWERE GEHÄUSE (P)**
-  **ROUES EN POLYURETHANE "TR", CORPS EN FONTE MECANIQUE, MONTURES LOURDES (P)**
-  **RUEDAS DE POLIURETANO "TR", NUCLEO DE HIERRO FUNDIDO, SOPORTES PESADOS (P)**
-  **WIELEN MET "TR" POLYURETHAAN, KERN VAN GIETIJZEREN, ZWARE GAFFELS (P)**
-  **КОЛЕСА ИЗ ПОЛИУРЕТАНА "TR" С ОСНОВАНИЕМ ИЗ МЕХАНИЧЕСКОГО ЧУГУНА, КРОНШТЕЙНЫ ДЛЯ ТЯЖЕЛЫХ ГРУЗОВ РТИПА "P"**
-  **RODAS EM POLIURETANO "TR", NÚCLEO EM FERRO FUNDIDO, SUPORTES PESADOS (P)**




Wheel View		P		P		P		Wheel View		Wheel View		Wheel View		Wheel View		Performance	
mm	mm	kg	CODE	kg	CODE	kg	CODE	mm	mm	mm	mm	mm	mm	daN	daN	4 km/h	6 km/h
80	28	1.38	645851	0.96	646851			128	100x85	80x60	9	46	123	280	220		
100	38	1.93	645852	1.52	646852	2.06	644852	131	100x85	80x60	9	46	123	350	300		
125	38	2.37	645853	2.04	646853	2.50	644853	161	100x85	80x60	9	48	123	350	300		



Wheel View		P		P		P		Wheel View		Wheel View		Wheel View		Wheel View		Performance	
mm	mm	kg	CODE	kg	CODE	kg	CODE	mm	mm	mm	mm	mm	mm	daN	daN	4 km/h	6 km/h
125	50	3.66	645863	2.65	646863	4.24	644863	170	140x110	105x80	11	70	126	550	440		
150	50	4.81	645854	3.55	646854	5.33	644854	200	140x110	105x80	11	70	126	700	560		
160	50	4.93	645864	4.08	646864	5.45	644864	205	140x110	105x80	11	70	126	750	600		
180	50	5.30	645855	4.45	646855	5.90	644855	228	140x110	105x80	11	70	126	750	600		
200	50	6.06	645856	5.15	646856	6.66	644856	250	140x110	105x80	11	70	126	750	600		

SERIES **64**

 80-400 mm

 95 Shore A

 280-3500 daN
4 km/h

 220-2800 daN
6 km/h


 190-750 daN

 -20 / +80 °C


 "TR" POLYURETHANE WHEELS WITH CAST IRON CENTRE, EXTRA-HEAVY DUTY (EP) AND ELECTROWELDED (EE MHD) BRACKETS

 RÄDER AUS "TR" POLYURETHAN MIT FELGE AUS GUSSEISEN, EXTRA-SCHWERE UND ELEKTROGESCHWEISSTE GEHÄUSE (EP-EE MHD)

 ROUES EN POLYURETHANE "TR", CORPS EN FONTE MECANIQUE, MONTURES EXTRA-LOURDES (EP) ET ELECTROSOUDEES (EE MHD)











 RUEDAS DE POLIURETANO "TR", NUCLEO DE HIERRO FUNDIDO, SOPORTES EXTRA-PESADOS (EP) Y ELECTROSOLDADOS (EE MHD)

 WIELEN MET "TR" POLYURETHAAN, KERN VAN GIETIJZEREN, EXTRA-ZWARE (EP) EN ELEKTRISCH GELASTE GAFFELS (EE MHD)











 КОЛЕСА ИЗ ПОЛИУРЕТАНА "TR" С ОСНОВАНИЕМ ИЗ МЕХАНИЧЕСКОГО ЧУГУНА, КРОНШТЕЙНЫ ДЛЯ ОЧЕНЬ ТЯЖЕЛЫХ ГРУЗОВ "EP" И ЭЛЕКТРОСВАРНЫЕ "EE MHD"








 RODAS EM POLIURETANO "TR", NÚCLEO EM FERRO FUNDIDO, SUPORTES EXTRA-PESADOS (EP) E EM CONSTRUÇÃO SOLDADA (EE MHD)



		EP		EP		EP									
		kg	CODE	kg	CODE	kg	CODE								
100	38	2.15	647852	1.92	648852			140	100x85	80x60	9	46		350	300
125	38	2.64	647853	2.44	648853			164	100x85	80x60	9	48		350	300
125	50	4.61	647863	4.16	648863			188	135x110	105x80	11	70		550	440
150	50	5.04	647854	4.63	648854	5.56	646654	200	135x110	105x80	11	70	126	700	560
150	58	5.44	647824	4.96	648824			200	135x110	105x80	11	70		850	680
160	50	5.16	647864	4.75	648864	5.68	646664	205	135x110	105x80	11	70	126	750	600
180	50	5.60	647855	5.20	648855	6.20	646655	228	135x110	105x80	11	70	126	900	720
200	50	6.35	647856	6.06	648856	6.95	646656	250	135x110	105x80	11	70	126	1000	800
200	78	12.30	647866	10.46	648866			275	175x140	140x105	14	66		1600	1300
250	60	13.16	647857	11.32	648857			300	175x140	140x105	14	66		1500	1200



		EE MHD		EE MHD		EE MHD									
		kg	CODE	kg	CODE	kg	CODE								
125	50	4.88	648303	3.90	648403	5.76	648503	182	135x110	105x80	11	51	157	550	440
150	50	5.50	648304	4.51	648404	6.38	648504	210	135x110	105x80	11	60	157	700	560
160	50	5.65	648314	4.66	648414	6.53	648514	215	135x110	105x80	11	60	157	750	600
180	50	6.14	648305	5.16	648405	7.02	648505	242	135x110	105x80	11	70	157	900	720
200	50	6.77	648306	5.79	648406	7.65	648506	252	135x110	105x80	11	70	157	1000	800

-  "TR" POLYURETHANE WHEELS WITH CAST IRON CENTRE, ELECTROWELDED (EE HD - EE EHD) BRACKETS
-  RÄDER AUS "TR" POLYURETHAN MIT FELGE AUS GUSSEISEN, ELEKTROGESCHWEISSTE GEHÄUSE (EE HD - EE EHD)
-  ROUES EN POLYURETHANE "TR", CORPS EN FONTE MECANIQUE, MONTURES ELECTROSOUDEES (EE HD - EE EHD)
-  RUEDAS DE POLIURETANO "TR", NUCLEO DE HIERRO FUNDIDO, SOPORTES ELECTROSOLDADOS (EE HD - EE EHD)
-  WIELEN MET "TR" POLYURETHAAN, KERN VAN GIETIJZEREN, ELEKTRISCH GELASTE GAFFELS (EE HD - EE EHD)
-  КОЛЕСА ИЗ ПОЛИУРЕТАНА "TR" С ОСНОВАНИЕМ ИЗ МЕХАНИЧЕСКОГО ЧУГУНА, КРОНШТЕЙНЫ ЭЛЕКТРОСВАРНЫЕ "EE HD" - "EE EHD"
-  RODAS EM POLIURETANO "TR", NÚCLEO EM FERRO FUNDIDO, SUPORTES EM CONSTRUÇÃO SOLDADA (EE HD - EE EHD)



 80-400 mm








 95 Shore A

 280-3500 daN
4 km/h








 220-2800 daN
6 km/h

 190-750 daN








 -20 / +80 °C

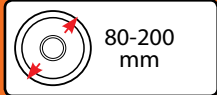
		EE HD		EE HD		EE HD													
mm	mm	kg	CODE	kg	CODE	kg	CODE	mm	mm	mm	mm	mm	mm	mm	mm	daN	daN	4 km/h	6 km/h
150	78	12.15	648315	10.61	648415	13.03	648515	218	175x140	140x105	14	50	166			1000	800		
150	78	12.15	648324	10.61	648424			223	200x160	160x120	17	50	166			1000	800		
200	78	13.72	648316	12.18	648416	14.60	648516	275	175x140	140x105	14	65	166			1600	1300		
250	60	14.82	648307	13.23	648407	15.70	648507	320	175x140	140x105	14	74	166			1500	1200		
250	78	16.50	648317	14.91	648417	17.38	648517	320	175x140	140x105	14	74	166			1600	1300		
250	78	17.56	648327	15.23	648427	18.44	648527	325	200x160	160x120	17	74	166			1900	1500		
300	60	18.24	648308	16.62	648408	19.12	648508	360	175x140	140x105	14	81	166			1600	1300		
300	60	19.30	648328	16.95	648428	20.18	648528	365	200x160	160x120	17	81	166			1750	1400		
300	78	20.61	648318	18.99	648418	21.49	648518	360	175x140	140x105	14	81	166			1600	1300		
300	78	21.67	648338	19.32	648438	22.55	648538	365	200x160	160x120	17	81	166			2300	1800		



		EE EHD		EE EHD															
mm	mm	kg	CODE	kg	CODE	mm	mm	mm	mm	mm	mm	mm	mm	daN	daN				
300	100	29.80	648309	25.10	648409	384	250x200	210x160	19	78				2500	2000				
400	100	44.91	648310	40.21	648410	475	250x200	210x160	19	95				2800	2200				

SERIES **65 AL**








-  "TR" POLYURETHANE WHEELS WITH ALUMINIUM CENTRE, STANDARD DUTY BRACKETS (NL)
-  RÄDER AUS "TR" POLYURETHAN MIT ALUMINIUMFELGE, LEICHTE GEHÄUSE (NL)
-  ROUES EN POLYURETHANE "TR", CORPS EN ALUMINIUM, MONTURES LEGERES (NL)
-  RUEDAS DE POLIURETANO "TR", NUCLEO DE ALUMINIO, SOPORTES INDUSTRIALES (NL)
-  WIELEN MET "TR" POLYURETHAAN, KERN VAN ALUMINIUM, STANDAARD GAFFELS (NL)
-  КОЛЕСА ИЗ ПОЛИУРЕТАНА "TR", ОСНОВАНИЕ ИЗ АЛЮМИНИЯ, КРОНШТЕЙНЫ ДЛЯ ЛЕГКИХ ГРУЗОВ "NL"
-  RODAS EM POLIURETANO "TR", NÚCLEO EM ALUMINIO SUPORTES INDUSTRIAIS (NL)



mm	mm	kg	CODE	kg	CODE	mm	mm	mm	mm	daN	daN	daN	daN
80	25	0.20	652101	0.15	654101	12	30	28	8	280	150	220	170
100	30	0.34	652102	0.25	654102	12	40	32	10	350	225	250	200
125	35	0.50	652103	0.41	654103	12	40	32	10	500	280	400	320
150	40	0.91	651104	0.66	653104	20	50	47	14	850	330	600	480
160	50	1.25	652114	0.99	654114	20	58	47	14	950	350	800	640
200	50	1.47	651106	1.16	653106	20	55	52	15	1000	360	850	680
200	50	1.45	651206	1.16	653106	25	55	52	15	1000	360	850	680



mm	mm	kg	CODE	kg	CODE	kg	CODE	mm	mm	mm	mm	mm	mm	daN
80	25	0.72	659301	0.52	658201	0.91	656501	107	100x85	80x60	9	37	120	200
100	30	0.94	659302	0.69	658202	1.08	656502	128	100x85	80x60	9	35	120	200
125	35	1.14	659303	0.89	658203	1.28	656503	156	100x85	80x60	9	37	120	220
150	40	1.66	659312	1.52	658112			182	100x85	80x60	9	50		220
150	40	2.34	659304	2.04	658104	2.63	656504	194	140x110	105x80	11	56	156	300
160	50	2.68	659314	2.38	658114	2.97	656514	198	140x110	105x80	11	56	156	300
200	50	3.05	659306	2.76	658106	3.25	656506	240	140x110	105x80	11	56	156	300

-  "TR" POLYURETHANE WHEELS WITH ALUMINIUM CENTRE, MEDIUM DUTY (M) AND HEAVY DUTY (P) BRACKETS
-  RÄDER AUS "TR" POLYURETHAN MIT ALUMINIUMFELGE, MITTELSCHWERE (M) UND SCHWERE (P) GEHÄUSE
-  ROUES EN POLYURETHANE "TR", CORPS EN ALUMINIUM, MONTURES MOYENNES (M) ET LOURDES (P)
-  RUEDAS DE POLIURETANO "TR", NUCLEO DE ALUMINIO, SOPORTES MEDIOS (M) Y PESADOS (P)
-  WIELEN MET "TR" POLYURETHAAN, KERN VAN ALUMINIUM, MIDDEL ZWARE (M) EN ZWARE (P) GAFFELS
-  KOLESA IZ POLIURETANA "TR", OSNOVANIE IZ ALJUMINIJA, KRONŠTEJNY DLA SRÉDNIH GRUZOV "M" I DLA TJEŽELÝH GRUZOV RTIPIA "P"
-  RODAS EM POLIURETANO "TR", NÚCLEO EM ALUMINIO SUPORTES MÉDIOS (M) E PESADOS (P)

-  80-200 mm
-  95 Shore A
-  220-850 daN
4 km/h
-  170-680 daN
6 km/h
-  150-360 daN
-  -20 / +80 °C



Wheel		M		M		M		Dimensions						Speed	
mm	mm	kg	CODE	kg	CODE	kg	CODE	mm	mm	mm	mm	mm	mm	mm	daN
150	40	2.68	659604	2.04	658104	3.16	659704	194	140x110	105x80	11	58	178		500
160	50	3.03	659614	2.38	658114	3.49	659714	199	140x110	105x80	11	58	178		500
200	50	3.44	659606	2.76	658106	3.80	659706	240	140x110	105x80	11	50	178		500

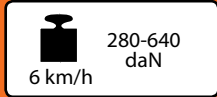


Wheel		P		P		P		Dimensions						Speeds		
mm	mm	kg	CODE	kg	CODE	kg	CODE	mm	mm	mm	mm	mm	mm	mm	daN	daN
100	30	1.20	657602	0.82	658602	1.35	656602	138	100x85	80x60	9	46	123	250	200	
125	35	1.39	657603	0.97	658603	1.54	656603	161	100x85	80x60	9	44	123	350	280	



Wheel		P		P		P		Dimensions						Speeds		
mm	mm	kg	CODE	kg	CODE	kg	CODE	mm	mm	mm	mm	mm	mm	mm	daN	daN
150	40	3.18	657604	2.19	658604	3.75	656604	200	140x110	105x80	11	70	126	600	480	
160	50	3.52	657514	2.53	658614	4.09	656614	205	140x110	105x80	11	70	126	750	600	
200	50	3.94	657606	2.48	658606	4.51	656606	250	140x110	105x80	11	70	126	750	600	

- WHEELS IN THICK "TR" POLYURETHANE WITH ALUMINIUM CENTRE, HEAVY DUTY BRACKETS (P)**
- RÄDER AUS "TR" POLYURETHAN MIT ALUMINIUMFELGE, SCHWERE GEHÄUSE (P)**
- ROUES EN POLYURETHANE "TR", CORPS EN ALUMINIUM, MONTURES LOURDES (P)**
- RUEDAS DE POLIURETANO "TR" DE ALTO ESPESOR, NUCLEO DE ALUMINIO, SOPORTES PESADOS (P)**
- "TR" POLYURETHAAN WIELEN MET EXTRA DIK LOOPVLAK EN ALUMINIUM VELG, ZWARE GAFFELS (P)**
- КОЛЁСА ИЗ ПОЛИУРЕТАНА "TR" ВЫСОКОЙ ПЛОТНОСТИ, ОСНОВАНИЕ ИЗ АЛЮМИНИЯ, КРОНШТЕЙНЫ ДЛЯ ТЯЖЕЛЫХ ГРУЗОВ РТИПА "P"**
- RODAS EM POLIURETANO "TR" ALTA ESPESSURA, NÚCLEO EM ALUMINIO, SUPORTES PESADOS (P)**



mm	mm	kg	CODE	kg	CODE	mm	mm	mm	mm	daN	daN	daN	daN	
100	40	0.46	652302	0.38	654302	15	40	32	9	500	270	350	280	
125	40	0.76	652303	0.41	654303	20	50	47	14	650	280	450	360	
160	50	1.18	652304	0.95	654304	20	58	47	14.5	900	320	700	560	
200	50	1.76	652306	1.52	654306	20	60	47	14.5	1000	350	800	640	



mm	mm	kg	CODE	kg	CODE	kg	CODE	mm	mm	mm	mm	mm	mm	mm	daN	daN
100	40	1.33	655302	0.83	655412	1.50	655502	138	100x85	80x60	9	46	123	350	280	




mm	mm	kg	CODE	kg	CODE	kg	CODE	mm	mm	mm	mm	mm	mm	mm	daN	daN
100	40	3.36	655602	2.38	655702	4.24	655802	170	135x110	105x80	11	51	157	350	280	
125	40	3.68	655603	2.70	655703	4.56	655803	182	135x110	105x80	11	51	157	450	360	
160	50	4.18	655614	3.19	655714	5.06	655814	215	135x110	105x80	11	60	157	700	560	
200	50	4.88	655606	3.90	655706	6.22	655806	252	135x110	105x80	11	70	157	800	640	

 "TR" POLYURETHANE WHEELS WITH POLYAMIDE 6 CENTRE


 RÄDER AUS "TR" POLYURETHAN MIT POLYAMID 6 FELGE

 ROUES EN POLYURETHANE "TR", CORPS EN POLYAMIDE 6

 RUEDAS DE POLIURETANO "TR", NUCLEO DE POLIAMIDA 6

 WIELEN MET "TR" POLYURETHAAN, KERN VAN POLYAMIDE 6

 КОЛЕСА ИЗ ПОЛИУРЕТАНА "TR", ОСНОВАНИЕ ИЗ ПОЛИАМИДА 6

 RODAS EM POLIURETANO "TR", NÚCLEO EM POLIAMIDA 6



SERIES
66

 80-250 mm

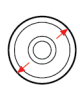



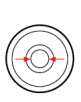



 95 Shore A

 150-1000 daN
4 km/h

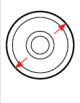


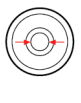
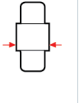
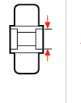





 120-480 daN
6 km/h

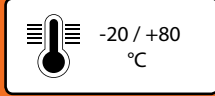
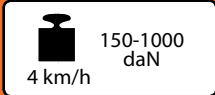
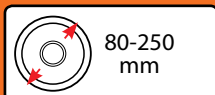
 100-400 daN

 -20 / +80 °C

															
mm	mm	kg	CODE	kg	CODE	kg	CODE	mm	mm.	daN	daN	daN			
80	25	0.10	661101	0.13	663101	0.13	663201	12	39	225	100	150			
100	30	0.16	661102	0.19	663102	0.19	663202	12	44	300	135	200			
125	35	0.25	661103	0.28	663103	0.28	663203	15	44	400	150	250			
150	40	0.45	661104	0.54	663104	0.54	663204	20	59	600	240	400			
175	40	0.62	661105	0.73	663105	0.73	663205	20	59	680	270	470			
200	50	0.78	661106	0.89	663106	0.89	663206	20	59	800	300	600			
200	50	0.75	661206	0.85	663116			25	59	800	300	600			
250	60	1.41	661108	1.52	663108	1.52	663208	25	88	1200	400	1000			



																				
mm	mm	kg	CODE	kg	CODE	mm	mm.	mm	mm	daN	daN	daN	daN	daN	daN	daN				
80	25	0.15	662101	0.10	664101	12	32	28	10	225	100	150	120							
100	30	0.25	662102	0.15	664102	12	40	32	11.5	300	135	200	160							
125	35	0.33	662103	0.25	664103	15	40	35	13.5	400	150	250	200							
175	40	0.85	662105	0.60	664105	20	55	47	14	680	270	470	380							
200	50	1.07	662106	0.76	664106	20	55	52	15	800	300	600	480							
200	50	1.06	662126	0.76	664106	25	55	52	15	800	300	600	480							



"TR" POLYURETHANE WHEELS WITH POLYAMIDE 6 CENTRE, STANDARD DUTY BRACKETS (NL)

RÄDER AUS "TR" POLYURETHAN MIT POLYAMID 6 FELGE, LEICHTE GEHÄUSE (NL)

ROUES EN POLYURETHANE "TR", CORPS EN POLYAMIDE 6, MONTURES LEGERES (NL)

RUEDAS DE POLIURETANO "TR", NUCLEO DE POLIAMIDA 6, SOPORTES INDUSTRIALES (NL)








WIELEN MET "TR" POLYURETHAAN, KERN VAN POLYAMIDE 6, STANDAARD GAFFELS (NL)

КОЛЕСА ИЗ ПОЛИУРЕТАНА "TR", ОСНОВАНИЕ ИЗ ПОЛИАМИДА 6, КРОНШТЕЙНЫ ДЛЯ ЛЕГКИХ ГРУЗОВ "NL"

RODAS EM POLIURETANO "TR", NÚCLEO EM POLIAMIDA 6 SUPORTES INDUSTRIAIS (NL)



Diagram 1		Diagram 2		Diagram 3		Diagram 4		Diagram 5		Diagram 6		Diagram 7		Diagram 8		Diagram 9	
mm	mm	kg	CODE	kg	CODE	kg	CODE	mm	mm	mm	mm	mm	mm	mm	mm	daN	4 km/h
80	25	0.61	664201	0.37	665701	0.80	666601	107	100x85	80x60	9	37	120	150			
100	30	0.75	664202	0.44	665702	0.90	666602	128	100x85	80x60	9	35	120	200			
125	30	0.91	664203	0.66	665703	1.05	666603	156	100x85	80x60	9	37	120	220			
150	40	1.81	664204	1.44	665704	2.09	666604	194	140x110	105x80	11	56	156	300			
175	40	1.99	664205	1.70	665705	2.27	666605	217	140x110	105x80	11	56	156	300			
200	50	2.19	664206	1.97	665706	2.45	666606	240	140x110	105x80	11	56	156	300			
80	25	0.63	664501	0.41	665901	0.84	666621	107	100x85	80x60	9	37	120	150			
100	30	0.78	664502	0.46	665902	0.93	666622	128	100x85	80x60	9	35	120	200			
125	30	0.93	664503	0.68	665903	1.08	666623	156	100x85	80x60	9	37	120	220			
150	40	2.00	664504	1.53	665904	2.18	666624	194	140x110	105x80	11	56	156	300			
175	40	2.12	664505	1.79	665905	2.38	666625	217	140x110	105x80	11	56	156	300			
200	50	2.29	664506	2.08	665906	2.53	666626	240	140x110	105x80	11	56	156	300			

-  "TR" POLYURETHANE WHEELS WITH POLYAMIDE 6 CENTRE, MEDIUM DUTY BRACKETS (M)
-  RÄDER AUS "TR" POLYURETHAN MIT POLYAMID 6 FELGE, MITTELSCHWERE GEHÄUSE (M)
-  ROUES EN POLYURETHANE "TR", CORPS EN POLYAMIDE 6, MONTURES MOYENNES (M)
-  RUEDAS DE POLIURETANO "TR"; NUCLEO DE POLIAMIDA 6, SOPORTES MEDIOS (M)
-  WIELEN MET "TR" POLYURETHAAN, KERN VAN POLYAMIDE 6, MIDDEL ZWARE GAFFELS (M)
-  КОЛЕСА ИЗ ПОЛИУРЕТАНА "TR", ОСНОВАНИЕ ИЗ ПОЛИАМИДА 6, КРОНШТЕЙНЫ ДЛЯ СРЕДНИХ ГРУЗОВ "М"
-  RODAS EM POLIURETANO "TR", NÚCLEO EM POLIAMIDA 6, SUPORTES MÉDIOS (M)

 80-250 mm

 95 Shore A





 150-1000 daN
4 km/h

 120-480 daN
6 km/h

 100-400 daN

 -20 / +80 °C



		M		M		M								
mm	mm	kg	CODE	kg	CODE	kg	CODE	mm	mm	mm	mm	mm	daN	
150	40	2.16	664304	1.44	665704	2.62	668704	194	140x110	105x80	11	58	178	400
200	50	2.58	664306	1.97	665706	3.00	668706	240	140x110	105x80	11	50	178	500
150	40	2.35	664804	1.53	665904	2.71	668904	194	140x110	105x80	11	58	178	400
200	50	2.68	664806	2.08	665906	3.08	668906	240	140x110	105x80	11	50	178	500
200	50	2.93	665306	2.32	665806	3.35	669206	240	140x110	105x80	11	50	178	500

80-100 mm

150-240 daN
4 km/h

125-240 daN

-20 / +300 °C

- SOLID THERMOSETTING RESIN WHEELS, STANDARD DUTY BRACKETS (NL)**
- HITZESTÄNDIGE EINTEILIGE HARZRÄDER, LEICHTE GEHÄUSE (NL)**
- ROUES EN RESINE PHENOLIQUE THERMODURCISSABLES, MONTURES LEGERES (NL)**
- RUEDAS DE RESINA TERMOENDURENTE, SOPORTES INDUSTRIALES (NL)**
- WIELEN VAN HITTEBESTENDIG KUNSTHARS, STANDAARD GAFFELS (NL)**
- ЛИТЫЕ КОЛЁСА ИЗ ТЕРМОРЕАКТИВНОЙ СМОЛЫ, КРОНШТЕЙНЫ ДЛЯ ЛЕГКИХ ГРУЗОВ "NL"**
- RODAS MONOLÍTICAS EM RESINA TERMOENDURENTE SUPORTES INDUSTRIAIS (NL)**










mm	mm	kg	COD.	mm	mm	Static daN	4 km/h daN	daN
80	35	0,18	672201	12	39	250	125	150
100	35	0,30	671102	12	44	300	130	200

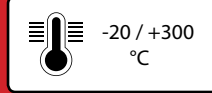
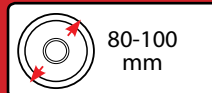


mm	mm	kg	COD.	kg	COD.	mm	mm	mm	mm	mm	4 km/h daN
80	35	0,77	677201	0,49	677401	107	100x85	80x60	9	37	150
100	35	0,91	677202	0,59	677402	128	100x85	80x60	9	35	200

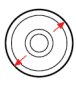
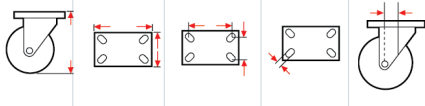



mm	mm	kg	COD.	mm	mm	mm	mm	4 km/h daN
80	35	0,68	677501	107	73	12	37	150
100	35	0,78	677502	128	73	12	35	200

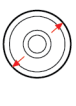
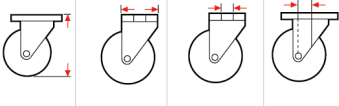

-  **SOLID THERMOSETTING RESIN WHEELS, STAINLESS STEEL STANDARD DUTY BRACKETS (NLX)**
-  **HITZESTÄNDIGE EINTEILIGE HARZRÄDER, LEICHTE EDELSTAHLGEHÄUSE (NLX)**
-  **ROUES EN RESINE THERMODURCISSABLES, MONTURES LEGERES EN ACIER INOX (NLX)**
-  **RUEDAS DE RESINA TERMOENDURENTE, SOPORTES INDUSTRIALES DE ACERO INOX (NLX)**
-  **WIELEN VAN HITTEBESTENDIG KUNSTHARS, STANDAARD RVS GAFFELS (NLX)**
-  **ЛИТЫЕ КОЛЕСА ИЗ ТЕРМОРЕАКТИВНОЙ СМОЛЫ, КРОНШТЕЙНЫ ДЛЯ ЛЕГКИХ ГРУЗОВ ИЗ НЕРЖАВЕЮЩЕЙ СТАЛИ "NLX"**
-  **RODAS MONOLÍTICAS EM RESINA TERMOENDURENTE SUPORTES INDUSTRIAIS EM AÇO INOX (NLX)**



**INOX
STAINLESS STEEL**

		NLX		NLX							
mm	mm	kg	COD.	kg	COD.	mm	mm	mm	mm	mm	daN
80	35	0,78	677901	0,47	678001	107	100x85	80x60	9	37	150
100	35	0,86	677902	0,59	678002	128	100x85	80x60	9	35	200



		NLX						
mm	mm	kg	COD.	mm	mm	mm	mm	daN
80	35	0,69	678201	107	73	12	37	150
100	35	0,79	678202	128	73	12	35	200

80-100 mm

150-240 daN
4 km/h

125-240 daN

-20 / +300 °C

- SOLID THERMOSETTING RESIN WHEELS WITH SHIELDED BALL BEARINGS, STANDARD DUTY BRACKETS (NL)**
- HITZESTÄNDIGE EINTEILIGE HARZRÄDER MIT KUGELLAGER LEICHTE GEHÄUSE (NL)**
- ROUES EN RESINE PHENOLIQUE THERMODURCISSABLES AVEC ROULEMENTS A BILLES, MONTURES LEGERES (NL)**
- RUEDAS DE RESINA TERMOENDURENTE CON COJINETES DE BOLAS, SOPORTES INDUSTRIALES (NL)**
- WIELEN IN THERMOHARDENDE FENOLHARS MET KOGELLAGERS, STANDAARD GAFFELS (NL)**
- ЛИТЫЕ КОЛЁСА ИЗ ТЕРМОРЕАКТИВНОЙ СМОЛЫ С ЭКРАНИРОВАННЫМ ШАРИКОПОДШИПНИКОМ, КРОНШТЕЙНЫ ДЛЯ ЛЕГКИХ ГРУЗОВ "NL"**
- RODAS MONOLÍTICAS EM RESINA TERMOENDURENTE COM ROLAMENTOS DE ESFERAS BLINDADOS, SUPORTES INDUSTRIAIS (NL)**










mm	mm	kg	COD.	kg	COD.	kg	COD.	mm	mm	mm	mm	daN	daN	daN
80	35	0,27	672501	0,27	672601	0,21	674101	15	35	32	9	250	160	160
100	38	0,44	672502	0,44	672602	0,37	674102	15	38	32	9	300	240	240

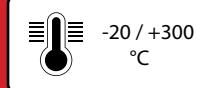
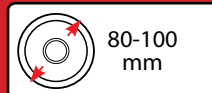


		NL		NL								Axle set		
mm	mm	kg	COD.	kg	COD.	mm	mm	mm	mm	mm	daN			
80	35	0,75	677111	0,63	678111	107	100x85	80x60	9	37	160			
100	38	0,95	677112	0,80	678112	128	100x85	80x60	9	35	200			

















		NL															
mm	mm	kg	COD.	mm	mm	mm	mm	daN									
80	35	0,70	676111	107	73	12	37	160									
100	38	0,87	676112	128	73	12	35	200									











-  **SOLID THERMOSETTING RESIN WHEELS WITH SHIELDED BALL BEARINGS, STAINLESS STEEL STANDARD DUTY BRACKETS (NLX)**
-  **HITZESTÄNDIGE EINTEILIGE HARZRÄDER MIT KUGELLAGER, LEICHTE EDELSTAHLGEHÄUSE (NLX)**
-  **ROUES EN RESINE THERMODURCISSABLES AVEC ROULEMENTS A BILLES, MONTURES LEGERES EN ACIER INOX (NLX)**
-  **RUEDAS DE RESINA TERMOENDURENTE CON COJINETES DE BOLAS, SOPORTES INDUSTRIALES DE ACERO INOX (NLX)**
-  **WIELEN IN THERMOHARDENDE FENOLHARS MET KOGELLAGERS, RVS STANDAARD GAFFELS (NL)**
-  **ЛИТЫЕ КОЛЕСА ИЗ ТЕРМОРЕАКТИВНОЙ СМОЛЫ С ЭКРАНИРОВАННЫМ ШАРИКОПОДШИПНИКОМ, КРОНШТЕЙНЫ ДЛЯ ЛЕГКИХ ГРУЗОВ ИЗ НЕРЖАВЕЮЩЕЙ СТАЛИ "NLX"**
-  **RODAS MONOLÍTICAS EM RESINA TERMOENDURENTE COM ROLAMENTOS DE ESFERAS BLINDADOS, SUPORTES INDUSTRIAIS EM AÇO INOX (NLX)**



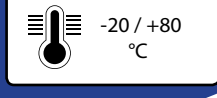
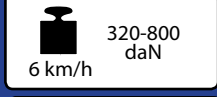
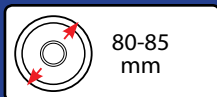
**INOX
STAINLESS STEEL**

													
mm	mm	kg	COD.	kg	COD.	mm	mm	mm	mm	mm	daN		
80	35	0,75	678801 	0,63	678901 	107	100x85	80x60	9	37	160		
100	38	0,95	678802 	0,80	678902 	128	100x85	80x60	9	35	200		



													
mm	mm	kg	COD.	mm	mm	mm	mm	daN					
80	35	0,70	676711 	107	73	12	37	160					
100	38	0,87	676712 	128	73	12	35	200					

SERIES **75**



"TR" POLYURETHANE PALLET TRUCK ROLLERS WITH STEEL CENTRE

GABELHUBWAGENROLLEN AUS "TR" POLYURETHAN MIT STAHLRADKÖRPER

GALETS DE TRANSPALETTES EN POLYURETHANE "TR" AVEC CORPS EN ACIER

RODILLOS PARA TRANSPALETAS DE POLIURETANO "TR" CON NUCLEO DE ACERO








PALLETROLLEN MET TR POLYURETHAAN, STALEN KERN

РОЛИКИ ДЛЯ ГИДРАВЛИЧЕСКИХ ТЕЛЕЖЕК ИЗ ПОЛИУРЕТАНА "TR" С ОСНОВАНИЕМ ИЗ СТАЛИ

ROLETES EM POLIURETANO "TR" PARA PORTA-PALETAS, NÚCLEO EM AÇO











mm	mm	kg	CODE	kg	CODE	mm	mm	mm	mm	daN	daN	daN	daN		
80	70	1.06	752102	0.82	754102	20	70	47	14	800	250	700	560		
80	90	1.35	752105	1.11	754105	20	90	47	14	1000	335	900	720		
82	70	1.09	752132	0.85	754132	20	70	47	14	800	255	700	560		
82	85	1.27	752134	1.03	754134	20	85	47	14	900	300	800	640		
82	90	1.33	752135	1.09	754135	20	90	47	14	1000	340	900	720		
82	100	1.45	752137	1.21	754137	20	100	47	14	1100	390	1000	800		
85	40	0.72	752121	0.48	754121	20	40	47	14	450	150	400	320		
85	70	1.12	752122	0.88	754122	20	70	47	14	800	265	700	560		
85	80	1.25	752123	1.01	754123	20	80	47	14	900	310	800	640		
85	80	1.18	752223	0.90	754223	25	80	52	15	900	310	800	640		
85	90	1.39	752125	1.15	754125	20	90	47	14	1000	350	900	720		
85	100	1.52	752127	1.28	754127	20	100	47	14	1100	400	1000	800		








-  **"TR-ROLL" POLYURETHANE PALLET TRUCK ROLLERS WITH STEEL CENTRE**
-  **GABELHUBWAGENROLLEN AUS "TR-ROLL" POLYURETHAN MIT STAHLRADKÖRPER**
-  **GALETS DE TRANSPALETES EN POLYURETHANE "TR-ROLL" AVEC CORPS EN ACIER**
-  **RODILLOS PARA TRANSPALETAS DE POLIURETANO "TR-ROLL" CON NUCLEO DE ACERO**
-  **PALLETROLLEN MET "TR-ROLL" POLYURETHAAN, STALEN KERN**
-  **РОЛИКИ ДЛЯ ГИДРАВЛИЧЕСКИХ ТЕЛЕЖЕК ИЗ ПОЛИУРЕТАНА "TR-ROLL" С ОСНОВАНИЕМ ИЗ СТАЛИ**
-  **ROLETES EM POLIURETANO "TR-ROLL" PARA PORTA-PALETAS, NÚCLEO EM AÇO**

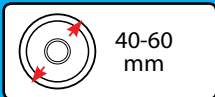









-  82-85 mm
-  75 Shore A
-  400-650 daN
4 km/h
-  320-520 daN
6 km/h
-  400-650 daN
-  -20 / +70 °C

														
mm	mm	kg	COD.	kg	COD.	mm	mm	mm	mm	daN	daN	daN	daN	
80	90	1,25	792105	1,06	794105	20	90	47	14	750	490	580	460	
82	60	0,87	792121	0,67	794121	20	60	47	14	500	400	400	320	
82	70	0,98	792122	0,79	794122	20	70	47	14	550	450	450	360	
82	90	1,21	792125	1,03	794125	20	90	47	14	750	580	580	460	
82	100	1,34	792127	1,15	794127	20	100	47	14	850	620	650	520	
85	70	1,04	792132	0,84	794132	20	70	47	14	550	450	450	360	
85	80	1,16	792133	0,96	794133	20	80	47	14	600	520	520	400	
85	90	1,28	792135	1,08	794135	20	90	47	16	750	580	580	460	
85	100	1,40	792137	1,20	794137	20	100	47	14	850	650	650	520	











SERIES **32**

-  **BLACK POLYAMIDE 6 INSTITUTIONAL WHEELS**
-  **APPARATEROLLEN AUS SCHWARZEM POLYAMID 6**
-  **ROULETTES POUR COLLECTIVITES EN POLYAMIDE 6**
-  **RUEDAS PARA COLECTIVIDADES DE POLIAMIDA 6 NEGRA**
-  **APPARATENWIELEN VAN POLYAMIDE 6**
-  **АППАРАТНЫЕ КОЛЕСА ИЗ ПОЛИАМИДА 6**
-  **RODAS PARA COLECTIVIDADES EM POLIAMIDA 6 PRETA**



















																		
mm	mm	kg	CODE	mm	mm	daN												
40	17	0.02	321102	8	21	30												
50	17	0.02	321104	8	22	40												
60	22	0.03	321106	8	28	60												



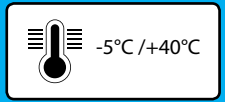
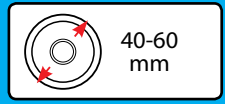
																		
mm	mm	kg	CODE	mm	mm	mm	mm	mm	daN									
40	17	0.12	324101	61	42x42	30x30	5	24	30									
50	17	0.12	324102	66	42x42	30x30	5	24	40									
60	22	0.22	324103	83	60x60	45x45	6	21	60									













																		
mm	mm	kg	CODE	mm	mm	mm	mm	daN										
40	17	0.10	325101	61	55x25	42	5	30										
50	17	0.10	325102	66	55x25	42	5	40										
60	22	0.20	325103	83	60x60	45x45	6	60										














-  **BLACK POLYAMIDE 6 INSTITUTIONAL WHEELS**
-  **APPARATEROLLEN AUS SCHWARZEM POLYAMID 6**
-  **ROULETTES POUR COLLECTIVITES EN POLYAMIDE 6**
-  **RUEDAS PARA COLECTIVIDADES DE POLIAMIDA 6 NEGRA**
-  **APPARATENWIELEN VAN POLYAMIDE 6**
-  **АППАРАТНЫЕ КОЛЕСА ИЗ ПОЛИАМИДА 6**
-  **RODAS PARA COLECTIVIDADES EM POLIAMIDA 6 PRETA**

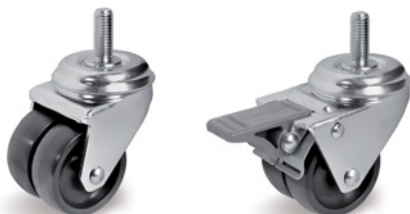
SERIES
32
















														
mm	mm	kg	CODE	mm	mm	mm	mm	mm	daN					
40	17	0.12	326101	61	35	M10	20	24	30					
50	17	0.14	326102	66	35	M10	20	24	40					
60	22	0.23	326103	83	41	M12	24	21	60					




															
mm	mm	kg	CODE	kg	CODE	mm	mm	mm	mm	mm	mm	daN			
50	18+18	0.28	324302	0.33	328202	71	60x60	45x45	6	25.5	83	90			



															
mm	mm	kg	CODE	kg	CODE	mm	mm	mm	mm	mm	mm	daN			
50	18+18	0.29	326202	0.34	329202	71	52	M10	25	25.5	83	90			

SERIES **36**


 **INSTITUTIONAL INJECTION POLYURETHANE WHEELS WITH POLYAMIDE 6 CENTRE**

 **APPARATEROLLEN AUS GESPRITZTEM POLYURETHAN, KERN AUS POLYAMID 6**

 **ROULETTES POUR COLLECTIVITES EN POLYURETHANE INJECTE, CORPS EN POLYAMIDE 6**








 **RUEDAS PARA COLECTIVIDADES DE POLIURETANO DE INYECCION, NUCLEO DE POLIAMIDA 6**

 **APPARATENWIELEN MET GESPOTEN POLYURETHAAN, KERN VAN POLYAMIDE 6**
















 **АППАРАТНЫЕ КОЛЕСА ИЗ ТЕРМОПЛАСТИЧНОГО ПОЛИУРЕТАНА ОСНОВАНИЕ ИЗ ПОЛИАМИДА 6**

 **RODAS PARA COLECTIVIDADES EM POLIURETANO INJECTADO, NÚCLEO EM POLIAMIDA 6**
















													
mm	mm	kg	COD.	mm	mm	daN							
30	18	0,02	361100	6	21	30							
40	18	0,02	361101	8	21	40							
50	18	0,03	361102	8	22	55							
60	25	0,06	361103	8	28	70							




														
mm	mm	kg	COD.	kg	COD.	kg	COD.	mm	mm	mm	mm	mm	mm	daN
30	18	0,08	364300	0,08	365100			47,5	42x42	30x30	5	14,5		30
40	18	0,11	364301	0,11	365101	0,13	368101	59	42x42	30x30	5	23	76	40
50	18	0,13	364302	0,12	365102	0,16	368102	66	55x55	40x40	6	24	76	55
60	25	0,24	364303	0,21	365103	0,28	368103	83	60x60	45x45	6	21	84	70



														
mm	mm	kg	COD.	kg	COD.	mm	mm	mm	mm	mm	mm	daN		
30	18	0,07	363100			47,5	35	10	14,5			30		
40	18	0,10	363101	0,12	367101	59	35	10	23	76		40		
50	18	0,13	363102	0,13	367102	66	35	10	24	76		55		
60	25	0,24	363103	0,25	367103	83	42	13	21	84		70		


 INSTITUTIONAL INJECTION POLYURETHANE WHEELS WITH POLYAMIDE 6 CENTRE

 APPARATEROLLEN AUS GESPRITZTEM POLYURETHAN, KERN AUS POLYAMID 6

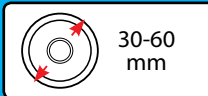
 ROULETTES POUR COLLECTIVITES EN POLYURETHANE INJECTE, CORPS EN POLYAMIDE 6

 RUEDAS PARA COLECTIVIDADES DE POLIURETANO DE INYECCION, NUCLEO DE POLIAMIDA 6

 APPARATENWIELEN MET GESPOTEN POLYURETHAAN, KERN VAN POLYAMIDE 6

 АППАРАТНЫЕ КОЛЕСА ИЗ ТЕРМОПЛАСТИЧНОГО ПОЛИУРЕТАНА ОСНОВАНИЕ ИЗ ПОЛИАМИДА 6

 RODAS PARA COLECTIVIDADES EM POLIURETANO INJECTADO, NÚCLEO EM POLIAMIDA 6



mm	mm	kg	CODE	kg	CODE	mm	mm	mm	mm	mm	mm	daN
30	18	0,09	366300			47,5	35	M8	15	14,5		30
40	18	0.12	366301	0.14	369101	59	35	M10	20	23	76	40
50	18	0.13	366302	0.16	369102	66	35	M10	20	24	76	55
60	25	0.24	366303	0.28	369103	83	42	M12	25	21	84	70










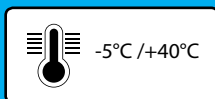
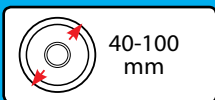
mm	mm	kg	CODE	kg	CODE	mm	mm	mm	mm	mm	mm	daN
50	18+18	0.27	363202	0.32	367202	71	60x60	45x45	6	25.5	83	140










mm	mm	kg	CODE	kg	CODE	mm	mm	mm	mm	mm	mm	daN
50	18+18	0.31	366402	0.36	369202	71	52	M10	25	25.5	83	140
















SERIES **37**








-  **GREY RUBBER INSTITUTIONAL WHEELS, POLYPROPYLENE CENTRE WITH THREADGUARDS**
-  **GRAUGUMMI-APPARATENROLLEN MIT POLYPROPYLENKERN, FADENSCHUTZ**
-  **ROULETTES POUR COLLECTIVITES EN CAOUTCHOUC GRIS, CORPS EN POLYPROPYLENE AVEC PARE-FILS**
-  **RUEDAS PARA COLECTIVIDADES DE GOMA GRIS, NUCLEO DE POLIPROPILENO CON PARA-HILOS**
-  **APPARATENWIELEN MET GRIJZE RUBBERBAND, KERN VAN POLYPROPYLEEN MET NAAFBESECHERMERS**
-  **АППАРАТНЫЕ КОЛЁСА ИЗ РЕЗИНЫ СЕРОГО ЦВЕТА С ОСНОВАНИЕМ ИЗ ПОЛИПРОПИЛЕНА**
-  **RODAS PARA COLECTIVIDADES EM BORRACHA CINZA, NÚCLEO EM POLIPROPILENO COM CALOTAS**

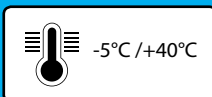
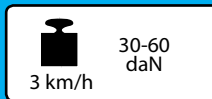
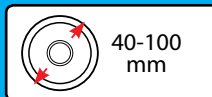














																
mm	mm	kg	CODE	mm	mm	daN										
40	18	0.03	371100	8	21	30										
50	20	0.06	371101	8	22	35										
60	24	0.10	371102	8	28	50										
80	24	0.17	371103	8	28	55										
100	24	0.22	371104	8	28	60										















															
mm	mm	kg	CODE	kg	CODE	kg	CODE	mm	mm	mm	mm	mm	mm	daN	
40	18	0.12	374100	0.11	375100	0.15	378100	59	42x42	31x31	5	24	78	30	
50	18	0.20	374101	0.20	375101	0.24	378101	67	55x55	40x40	6	24	76	35	
60	24	0.28	374102	0.26	375102	0.40	378102	83	60x60	45x45	6	21	84	50	
80	24	0.43	374103	0.34	375103	0.50	378103	104	60x60	45x45	6	30	91	55	
100	24	0.48	374104	0.40	375104	0.57	378104	121	60x60	45x45	6	32	95	55	








-  **GREY RUBBER INSTITUTIONAL WHEELS, POLYPROPYLENE CENTRE WITH THREADGUARDS**
-  **GRAUGUMMI-APPARATENROLLEN MIT POLYPROPYLENKERN, FADENSCHUTZ**
-  **ROULETTES POUR COLLECTIVITES EN CAOUTCHOUC GRIS, CORPS EN POLYPROPYLENE AVEC PARE-FILS**
-  **RUEDAS PARA COLECTIVIDADES DE GOMA GRIS, NUCLEO DE POLIPROPILENO CON PARA-HILOS**
-  **APPARATENWIELEN MET GRIJZE RUBBERBAND, KERN VAN POLYPROPYLEEN MET NAAFBESEHERMERS**
-  **АППАРАТНЫЕ КОЛЁСА ИЗ РЕЗИНЫ СЕРОГО ЦВЕТА С ОСНОВАНИЕМ ИЗ ПОЛИПРОПИЛЕНА**
-  **RODAS PARA COLECTIVIDADES EM BORRACHA CINZA, NÚCLEO EM POLIPROPILENO COM CALOTAS**

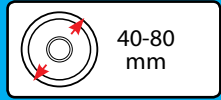









													
mm	mm	kg	CODE	kg	CODE	mm	mm	mm	mm	mm	daN		
40	18	0.11	373100	0.14	377100	59	35	10	24	78	35		
50	18	0.16	373101	0.19	377101	66	35	10	24	76	50		
60	24	0.25	373102	0.32	377102	83	41	12	21	84	55		
80	24	0.34	373103	0.43	377103	104	41	12	25	91	55		
100	24	0.40	373104	0.49	377104	121	41	12	32	91	55		


















													
mm	mm	kg	CODE	kg	CODE	mm	mm	mm	mm	mm	mm	daN	
40	18	0.13	376100	0.18	379100	59	35	M8	15	24	78	30	
50	18	0.18	376101	0.21	379101	66	35	M8	15	24	76	35	
60	24	0.29	376102	0.36	379102	83	41	M12	25	21	84	50	
80	24	0.39	376103	0.46	379103	104	41	M12	25	30	91	55	
100	24	0.44	376104	0.53	379104	121	41	M12	25	32	95	55	








-  **GREY NON-MARKING THERMOPLASTIC RUBBER WHEELS, POLYPROPYLENE CENTRE**
-  **RÄDER AUS GRAUEM THERMOPLASTISCHEM SPURLOSEM GUMMI MIT POLYPROPYLENFELGE**
-  **ROULETTES POUR COLLECTIVITES EN CAOUTCHOUC THERMOPLASTIQUE GRIS, CORPS EN POLYPROPYLENE**
-  **RUEDAS DE GOMA TERMOPLASTICA GRIS ANTI- HUELLA PARA COLECTIVIDAD, CON NUCLEO DE POLIPROPILENO**
-  **APPARATENWIELEN MET GRIJS NIET STREPEND RUBBEREN BAND KERN VAN POLYPROPYLEEN MET NAAFBESEHERMERS**
-  **АППАРАТНЫЕ КОЛЁСА ИЗ ТЕРМОПЛАСТИЧНОЙ СЕРОЙ РЕЗИНЫ, НЕ ОСТАВЛЯЮЩЕЙ СЛЕДОВ**
-  **RODAS PARA COLECTIVIDAD EM BORRACHA TERMOPLÁSTICA, NÚCLEO EM POLIPROPILENO**

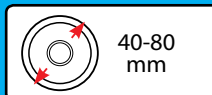















														
mm	mm	kg	COD.	mm	mm	daN								
40	18	0,01	381100	8	21	30								
50	20	0,02	381101	8	22	40								
60	24	0,04	381102	8	28	60								
75	24	0,05	381203	8	28	70								
80	24	0,07	381103	8	28	70								

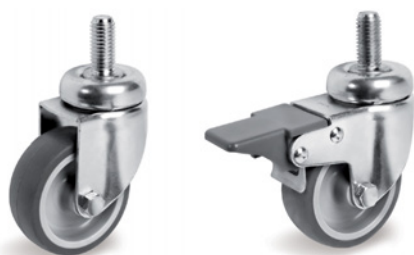















														
mm	mm	kg	COD.	kg	COD.	kg	COD.	mm	mm	mm	mm	mm	mm	daN
40	18	0,09	384200	0,10	385200	0,12	388200	59	42x42	30x30	5	24	78	30
50	18	0,13	384201	0,14	385201	0,15	388201	66	55x55	40x40	6	24	78	40
60	24	0,22	384202	0,19	385202	0,26	388202	83	60x60	45x45	6	21	83	60
75	24	0,26	384303	0,22	385303	0,32	388303	101	60x60	45x45	6	30	91	70
80	24	0,28	384203	0,24	385203	0,33	388203	104	60x60	45x45	6	30	91	70

-  **GREY NON-MARKING THERMOPLASTIC RUBBER WHEELS, POLYPROPYLENE CENTRE**
-  **RÄDER AUS GRAUEM THERMOPLASTISCHEM SPURLOSEM GUMMI MIT POLYPROPYLENFELGE**
-  **ROULETTES POUR COLLECTIVITES EN CAOUTCHOUC THERMOPLASTIQUE GRIS, CORPS EN POLYPROPYLENE**
-  **RUEDAS DE GOMA TERMOPLASTICA GRIS ANTI- HUELLA PARA COLECTIVIDAD, CON NUCLEO DE POLIPROPILENO**
-  **APPARATENWIELEN MET GRIJS NIET STREPEND RUBBEREN BAND KERN VAN POLYPROPYLEEN MET NAAFBESEHERMERS**
-  **АППАРАТНЫЕ КОЛЁСА ИЗ ТЕРМОПЛАСТИЧНОЙ СЕРОЙ РЕЗИНЫ, НЕ ОСТАВЛЯЮЩЕЙ СЛЕДОВ**
-  **RODAS PARA COLECTIVIDAD EM BORRACHA TERMOPLÁSTICA, NÚCLEO EM POLIPROPILENO**



														
mm	mm	kg	COD.	kg	COD.	mm	mm	mm	mm	mm	mm	daN		
40	18	0,08	383200	0,11	387200	59	35	10	24	78	30			
50	18	0,10	383201	0,12	387201	66	35	10	24	78	40			
60	24	0,19	383202	0,22	387202	83	41	12	21	83	60			
75	24	0,23	383303	0,28	387303	101	41	12	30	91	70			
80	24	0,24	383203	0,29	387203	104	41	12	30	91	70			



														
mm	mm	kg	COD.	kg	COD.	mm	mm	mm	mm	mm	mm	daN		
40	18	0,09	386200	0,12	389200	59	35	M8	15	24	78	30		
50	18	0,11	386201	0,14	389201	66	35	M8	15	24	78	40		
60	24	0,22	386202	0,26	389202	83	41	M12	25	21	83	60		
75	24	0,26	386303	0,32	389303	101	41	M12	25	30	91	70		
80	24	0,28	386203	0,33	389203	104	41	M12	25	30	91	70		


 CUSTOMISED SOLUTIONS

 SONDERLÖSUNGEN

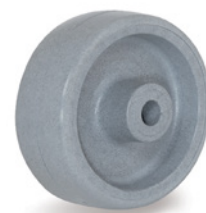
 SOLUTIONS PERSONNALISEES

 MODELOS PERSONALIZADOS

 SPECIALE UITVOERINGEN

 ИНДИВИДУАЛЬНЫЕ РЕШЕНИЯ

 MODELOS PERSONALIZADOS




 CUSTOMISED SOLUTIONS

 SONDERLÖSUNGEN

 SOLUTIONS PERSONNALISEES

 MODELOS PERSONALIZADOS

 SPECIALE UITVOERINGEN

 ИНДИВИДУАЛЬНЫЕ РЕШЕНИЯ

 MODELOS PERSONALIZADOS



Contact your local dealer - Nehmen Sie mit Ihrem Händler Kontakt -
Contactez votre distributeur - Contacte con su revendedor - **Neem contact op met uw dealer** -
Обратитесь к ближайшую официальную - **Contate com o seu revendedor**



INDUSTRIAL LIGHT DUTY LOADS



INDUSTRIAL MEDIUM DUTY LOADS



INDUSTRIAL HEAVY DUTY LOADS AND MECHANICAL HANDLING



HIGH TEMPERATURE



PALLET TRUCK ROLLERS



SCAFFOLDINGS



SERIES 60
400 daN



SERIES 68
400 daN



WASTE BIN CONTAINERS



SERIES 52
225 daN



SERIES 53
230 daN



SERIES 72
500 daN



INSTITUTIONAL



SERIES 32
90 daN



SERIES 36
140 daN



SERIES 37
80 daN



SERIES 38
70 daN



SERIES 51
90 daN



FURNITURE



SERIES 33
30 daN



SERIES 34
40 daN



SERIES 35
40 daN



SERIES 39
40 daN



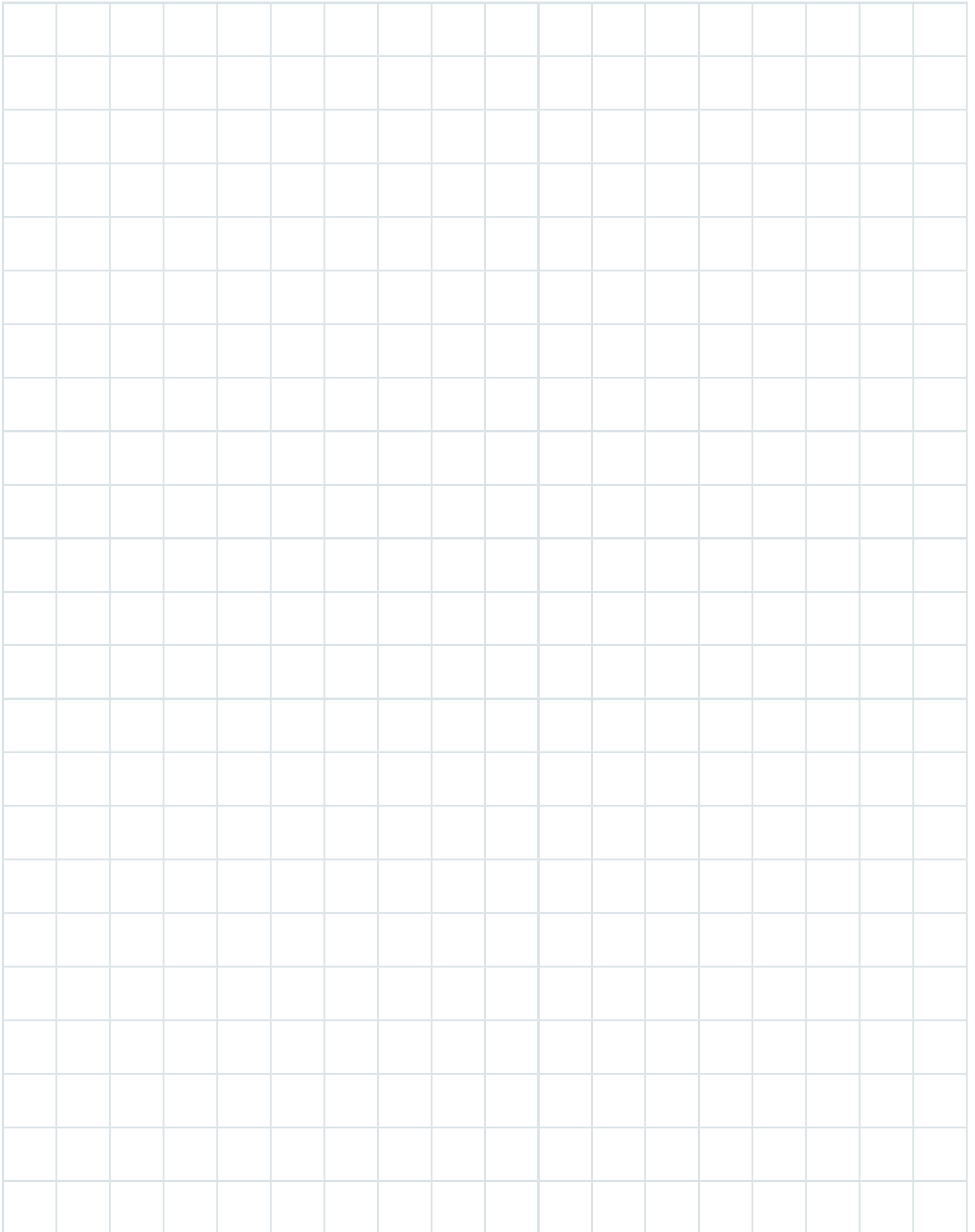
ANTISTATIC AND STATICALLY CONDUCTIVE



CUSTOMISED SOLUTIONS



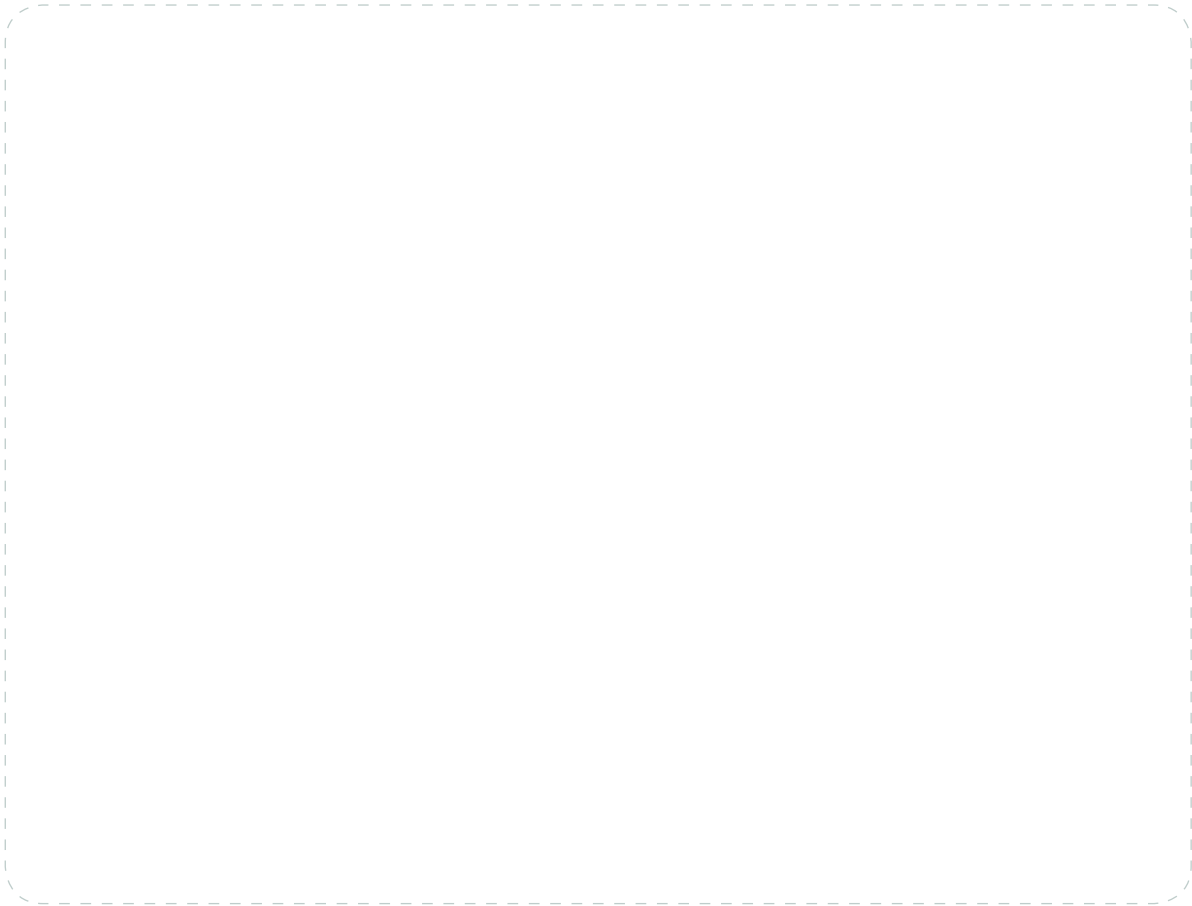
ACCESSORIES





SEE WEBSITE

213057



UNI EN ISO 9001:2008



UNI EN ISO 14001:2004



OHSAS 18001:2007