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SMART MOVES ON MANNER CASTORS



MedCaster

darvis

ALBION



CATALOG 2026

Industrial casters

High temperature

Worldwide **No.1** in caster solutions

We are wherever you need us

By delivering **over 70 million casters annually**, we continuously work to meet your mobility needs. Our 41 facilities leverage our strategic, industry-leading distribution network to provide customers with high-quality, local service worldwide.



COLSON GERMANY

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Reliability without compromise

Ready for the highest temperatures
i6 (Veloris) and **i3** (Elite) series



REACH
RoHS Compliant

Online catalog



About us

Global manufacturer, proven quality

We are a global manufacturer of wheels and casters that has been setting standards in mobility and reliability for years. We create solutions that support the daily operations of the industrial, logistics, construction, transport, and medical sectors around the world.

Our standard product range includes **over 25,000 types of wheels and casters** with load capacities ranging from 10 kg to 20 tons. Such a broad assortment allows us to deliver products tailored to almost any application – from lightweight solutions for medical equipment to advanced casters designed for the most demanding industrial environments. Our products are used in industrial machinery and equipment, transport systems, containers, scaffolding, and hospital beds, among others.

Our history is one of consistent growth based on knowledge, innovation, and customer trust. Since the beginning of our operations, we have invested in modern production technologies, the development of team competencies, and the improvement of processes. Thanks to our global presence and long-standing cooperation with partners across various industries, we have a deep understanding of real market needs and are able to respond to them quickly.

Quality is the foundation of everything we do. We design and manufacture wheels and casters with durability, safety, and user comfort in mind. We use proven materials, rigorous quality control procedures, and international standards to ensure the reliability of our products throughout their entire service life.

Today, **the Colson Group** combines global scale with a partnership-oriented approach to customers. Our mission is to deliver mobility solutions that enhance efficiency, safety and movement – wherever reliable transportation matters.



Our locations in Europe



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High temperature



High temperature

Casters - high temperature

Hi-temp casters are specialist solutions designed for operation in demanding industrial environments where standard wheels fail to perform effectively. Made from materials resistant to high temperatures, they ensure reliability, durability, and operational safety. They are ideally suited for use in ovens, drying chambers, paint shops, and food processing facilities. Properly selected wheel assemblies guarantee smooth and stable operation even during prolonged exposure to heat. Thanks to robust materials, precise workmanship, and testing in accordance with the EN 12532 standard, our wheel assemblies guarantee durability and reliability in all conditions.

Legend

The symbols used in the tables are presented below, along with their explanations. They will help you quickly identify the technical parameters of individual products.



- Wheel diameter [mm]



- Tread hardness [Shore A/D]



- Overall height [mm]



- Wheel bearing type



- Tread width [mm]



- Maximum speed [km/h]



- Top plate size [mm]



- Operating temperature range [°C]



- Bolt hole spacing [mm]



- Fork thickness [mm]



- Bolt hole diameter [mm]



- Top plate thickness [mm]



- Offset [mm]



- Turning radius [mm]



- Dynamic load [kg]

High temperature

Casters - HT

Technical specification:

Fork: pressed components made of carbon steel, protected with an additional electro-galvanized zinc coating, fork headwork with a double ball race bearing.

Wheel: black HT wheel with a hardness of 85 ± 5 Shore D, operating temperature up to $+280^{\circ}\text{C}$ with short-term peaks up to $+300^{\circ}\text{C}$ (60 seconds), plain bearing.

 85 +/- 5 ShD

 plain bearing

 4 km/h

 $-20/+300^{\circ}\text{C}$

Swivel caster TP

Veloris 80-100  2.5 mm

 2.5 mm



									Item code
80	35	105	104x85	80x60	9	34	150		I62AZ-HY7G080-GHT
100	35	128	104x85	80x60	9	34	150		I62AZ-HY7G100-GHT

Fixed caster

Veloris 80-100  2.0 mm



								Item code
80	35	105	104x85	80x60	9	150		I63AZ-HY7G080-GHT
100	35	128	104x85	80x60	9	150		I63AZ-HY7G100-GHT

High temperature

Casters - HT

Technical specification:

Fork: pressed components made of carbon steel, protected with an additional electro-galvanized zinc coating, fork headwork with a double ball race bearing.

Wheel: black HT wheel with a hardness of 85 ± 5 Shore D, operating temperature up to $+280^{\circ}\text{C}$ with short-term peaks up to $+300^{\circ}\text{C}$ (60 seconds), plain bearing.



85 +/- 5 ShD



plain bearing



4 km/h



$-20/+300^{\circ}\text{C}$

Swivel caster TP

Elite

100



3.5 mm



4.0 mm



100



35



128



104x85



80x60



9



34



190

Item code

I32AZ-HY8G100-GHT

Fixed caster

Elite

100



3.0 mm



100



35



128



104x85



80x60



9



190



190

Item code

I33AZ-HY8G100-GHT

High temperature

Casters - HT

Technical specification:

Fork: pressed components made of carbon steel, protected with an additional electro-galvanized zinc coating, fork head with an integrated precision bearing, grease nipple for lubrication.

Wheel: black HT wheel with a hardness of 85 ± 5 Shore D, operating temperature up to $+280^{\circ}\text{C}$ with short-term peaks up to $+300^{\circ}\text{C}$ (60 seconds), plain bearing.

 85 +/- 5 ShD

 plain bearing

 4 km/h

 $-40/+300^{\circ}\text{C}$

Swivel caster TP

JS 80-100

 2.5 mm

 2.5 mm



								Item code
80	35	110	105x85	80x60	9	35	190	JSFL 0802 1000 / D
100	35	130	105x85	80x60	9	40	190	JSFL 1002 1000 / D

Fixed caster

JS 80-100

 2.5 mm



							Item code
80	35	110	105x85	80x60	9	190	FSFL 0802 1000 / D
100	35	130	105x85	80x60	9	190	FSFL 1002 1000 / D

High temperature

Casters - HT

Technical specification:

Fork: pressed components made of stainless steel (AISI 304), fork headwork with a double ball race bearing.

Wheel: black HT wheel with a hardness of 85 ± 5 Shore D, operating temperature up to +280°C with short-term peaks up to +300°C (60 seconds), stainless steel plain bearing.



85 +/- 5 ShD



plain
bearing



4 km/h



-40/+300 °C

Swivel caster TP

SS

80-100



2.5 mm



2.0 mm



Item code

80
100

35
35

105
128

105x85
105x85

80x60
80x60

9
9

34
34

150
150

JXFL 0802 1000 / D
JXFL 1002 1000 / D

Fixed caster

SS

80-100



2.0 mm



Item code

80
100

35
35

105
128

105x85
105x85

80x60
80x60

9
9

150
150

FXFL 0802 1000 / D
FXFL 1002 1000 / D

High temperature

Casters - HT

Technical specification:

Fork: pressed components made of carbon steel, protected with an additional electro-galvanized zinc coating, fork headwork with a double ball race bearing.

Wheel: black HT wheel with a hardness of 85 ± 5 Shore D, operating temperature up to $+280^{\circ}\text{C}$ with short-term peaks up to $+300^{\circ}\text{C}$ (60 seconds), double ball bearing.



85 +/- 5 ShD



ball bearing



4 km/h



$-20/+300^{\circ}\text{C}$

Swivel caster TP

Veloris

100



2.5 mm



2.5 mm



100



35



128



104x85



80x60



9



34



170

Item code

I62AZ-HY9T100-GHT

Fixed caster

Veloris

100



2.0 mm



100



35



128



104x85



80x60



9



170

Item code

I63AZ-HY9T100-GHT

High temperature

Casters - HT

Technical specification:

Fork: pressed components made of carbon steel, protected with an additional electro-galvanized zinc coating, fork headwork with a double ball race bearing.

Wheel: black HT wheel with a hardness of 85 ± 5 Shore D, operating temperature up to $+280^{\circ}\text{C}$ with short-term peaks up to $+300^{\circ}\text{C}$ (60 seconds), double ball bearing.

 85 +/- 5 ShD  ball bearing

 4 km/h  $-20/+300^{\circ}\text{C}$

Swivel caster TP

Elite

100

 3.5 mm

 4.0 mm



100



35



128



104x85



80x60



9



34



210

Item code

I32AZ-HY0T100-GHT

Fixed caster

Elite

100

 3.0 mm



100



35



128



104x85



80x60



9



210

Item code

I33AZ-HY0T100-GHT

High temperature

Casters - HT

Technical specification:

Fork: pressed components made of carbon steel, protected with an additional electro-galvanized zinc coating, fork head with an integrated precision bearing, grease nipple for lubrication.

Wheel: black HT wheel with a hardness of 85 ± 5 Shore D, operating temperature up to $+280^{\circ}\text{C}$ with short-term peaks up to $+300^{\circ}\text{C}$ (60 seconds), double ball bearing.



85 +/- 5 ShD



ball bearing



4 km/h



$-40/+300^{\circ}\text{C}$

Swivel caster TP

JS

100



2.5 mm



2.5 mm



100



35



130



105x85



80x60



9



40



190

Item code

JSFL 1002 6150 / D

Fixed caster

JS

100



2.5 mm



100



35



130



105x85



80x60



9



190

Item code

FSFL 1002 6150 / D

High temperature

Casters - HT

Technical specification:

Fork: pressed components made of stainless steel (AISI 304), fork headwork with a double ball race bearing.

Wheel: black HT wheel with a hardness of 85 ± 5 Shore D, operating temperature up to $+280^{\circ}\text{C}$ with short-term peaks up to $+300^{\circ}\text{C}$ (60 seconds), double ball bearing.

 85 +/- 5 ShD  ball bearing

 4 km/h  $-40/+300^{\circ}\text{C}$

Swivel caster TP

SS 100  2.5 mm  2.0 mm



								Item code
100	35	128	105x85	80x60	9	34	150	JXFL 1002 6150 / D

Fixed caster

SS 100  2.0 mm



							Item code
100	35	128	105x85	80x60	9	150	FXFL 1002 6150 / D

High temperature

Casters - aluminium

Technical specification:

Fork: pressed components made of carbon steel, protected with an additional electro-galvanized zinc coating, fork head with an integrated precision bearing, grease nipple for lubrication.

Wheel: cast aluminium body, operating temperature up to +300°C, double ball bearing.

 ball bearing

 4 km/h

 -40/+300 °C

Swivel caster TP

JS

100

 2.5 mm

 2.5 mm



100



40



130



105x85



80x60



9



40



240

Item code

JSAN 1002 6150

Fixed caster

JS

100

 2.5 mm



100



40



130



105x85



80x60



9



240

Item code

FSAN 1002 6150

High temperature

Casters - VARMO

Technical specification:

Fork: pressed components made of carbon steel, protected with an additional electro-galvanized zinc coating, fork head with an integrated precision bearing, grease nipple for lubrication.

Wheel: black VARMO® wheel with a hardness of 85 ± 5 Shore D, operating temperature up to $+300^{\circ}\text{C}$, double ball bearing.

 85 +/- 5 ShD  ball bearing

 4 km/h  $-40/+300^{\circ}\text{C}$

Swivel caster TP

JS 70-100  2.5 mm  2.5 mm



								Item code
70	40	105	105x85	80x60	9	35	160	JSHN 0702 6152
100	40	130	105x85	80x60	9	40	240	JSHN 1002 6152
100*	40	130	105x85	80x60	9	40	240	JSHN 1002 6152 / HN

* Wheel with grease nipple for bearing lubrication.

Fixed caster

JS 70-100  2.5 mm



								Item code
70	40	105	105x85	80x60	9	160	FSHN 0702 6152	
100	40	130	105x85	80x60	9	240	FSHN 1002 6152	
100*	40	130	105x85	80x60	9	240	FSHN 1002 6152 / HN	

* Wheel with grease nipple for bearing lubrication.