



ZhuoyeManganeseSteelCasterVow

I am willing to abide by all the rules and regulations of Zhuoye manganese steel casters, **prioritize safety production** above all else, and never produce **unqualified products** that enter the market. **Made of manganese steel, it is more labor-saving**, quality creates a brand, and contributes to **Chinese national brands!** Strive to achieve the Chinese Dream of Zhuoye manganese steel casters and **change the world's perception of Chinese wheels!**



Military quality Military record
Pioneer of manganese steel casters

Zhuo Ye Manganese Steel Casters
Made of manganese steel More labor saving

Andy Lau
Assist Zhuoye manganese steel casters

Quanzhou Zhuoye Manganese Steel Caster Manufacturing Co., Ltd



Zhuoye manganese steel casters are **labor-saving and durable**, as anyone who has used them knows!



Company Profile

"**Made of manganese steel, more effortless**", quality creates a brand.

Quanzhou Zhuoye Manganese Steel Caster Manufacturing Co., Ltd., established in 2008, is located in Quanzhou, the cultural capital of East Asia. It is a professional manufacturer of casters, adjustable feet, and small carts that integrates research and development, design, manufacturing, sales, and service.

The company has automated production equipment and product assembly lines. In order to better develop new products and ensure product quality, the company has set up a laboratory equipped with various caster testing instruments and equipment. It strictly conducts various tests such as product life testing, salt spray testing, hydrolysis resistance testing, wear testing, tensile testing, rotational force testing, impact resistance testing, etc. in accordance with quality management standards.

The company's caster products use unique manganese steel materials and advanced production processes and technologies. The products have strong strength, high wear resistance, and large load capacity, making them more flexible to rotate, easier to push, and have a longer service life.

At the beginning of its establishment, the company established a sound quality management system and successfully passed the ISO9001 quality management system certification. It has also obtained honors such as provincial high-tech enterprise, national high-tech enterprise, and weapon and equipment quality management system certification.

The company keeps in mind its mission of "**making transportation easier and making enterprises more efficient**", adheres to the development strategy of "winning by quality", follows the business philosophy of "customer first, reputation based", provides customers with satisfactory products and perfect services, and strives to achieve the Chinese Dream of Zhuoye manganese steel wheels and **change the world's perception of Chinese wheels**. Zhuoye is willing to work hand in hand with you to create brilliance!



Inventor of Manganese Steel Caster

Xianggen Lu





卓烨锰钢脚轮企业文化

Corporate vision: Pursuing excellence and becoming a benchmark in the caster industry!

Corporate mission: To make transportation easier and make enterprises more efficient!

Business philosophy: One center (providing competitive products and services, continuously creating maximum value for customers to achieve mutual benefit and win-win cooperation with partners), four basic points (mutual trust, communication, understanding, and support)

Values: Sincere cooperation, pursuit of quality, courage to innovate, enthusiastic service, unity and cooperation, and striving for progress.

Advertising slogan: Made of manganese, more labor-saving.

Enterprise positioning: labor-saving and efficient.

Chinese Dream: Changing the World's View of Chinese Wheels.

Company Development History:

- 2008 Zhuoye Manganese Steel Caster, formerly known as Quanzhou Zhuoyue Caster Company, was established
- 2013 Zhuoye's new adjustable foot product launches and leads the industry
- 2016 Zhuoye Manganese Steel Caster Products are grandly launched and have become the pioneer of manganese steel casters
- 2017 Zhuoye manganese steel casters promoted on CCTV
- 2018 Zhuoye manganese steel casters have been registered at the Fujian Strait Trading Center and have received high attention from the Quanzhou government and Quanzhou TV station for exclusive interviews
- 2019 Through provincial and national high-tech enterprises
- 2021 Registered for scientific research and production of weapons and equipment by the National Defense Industry Administration
- 2022 Successfully listed on the Strait Equity Exchange and became a backup company for listed companies
- 2023 Joining hands with Andy Lau to assist manganese steel casters
- 2025 Developed Zhuoye manganese steel labor-saving trolley, making argo transportation more effortless and efficient

奔跑追梦人
我们都在努力
一起拼搏 一起努力 我们都是



Honorary Patent Certificate:

High tech enterprises

certificate of quality system



More than 100 national patents have been applied for and approved



Thank you for the trust of our partners:



卓烨传奇

1=C $\frac{4}{4}$

C F DM C C EM AM
 5 5 6 5 4 4 5 4 2 3 4 4 4 5 3 5 5 6 5 5 5 6 7 1̇
 海丝起点 东亚之都 我们在这里 创新 巧用锰钢 制造 脚轮

F G F G EM AM DM G
 6 5 4 3 4 6 6 5 5 1 6 6 3 2 3 4 5 5 5 3 1 4 3 4 4 3 2
 创新让我们 继续前行 卓烨大家庭 客户口碑重千金 严要求创优品

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 新材料 更省力 卓烨大家庭 携手共奋进 为使命 为中国梦 我们

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Zhuo Ye Manganese Steel Casters

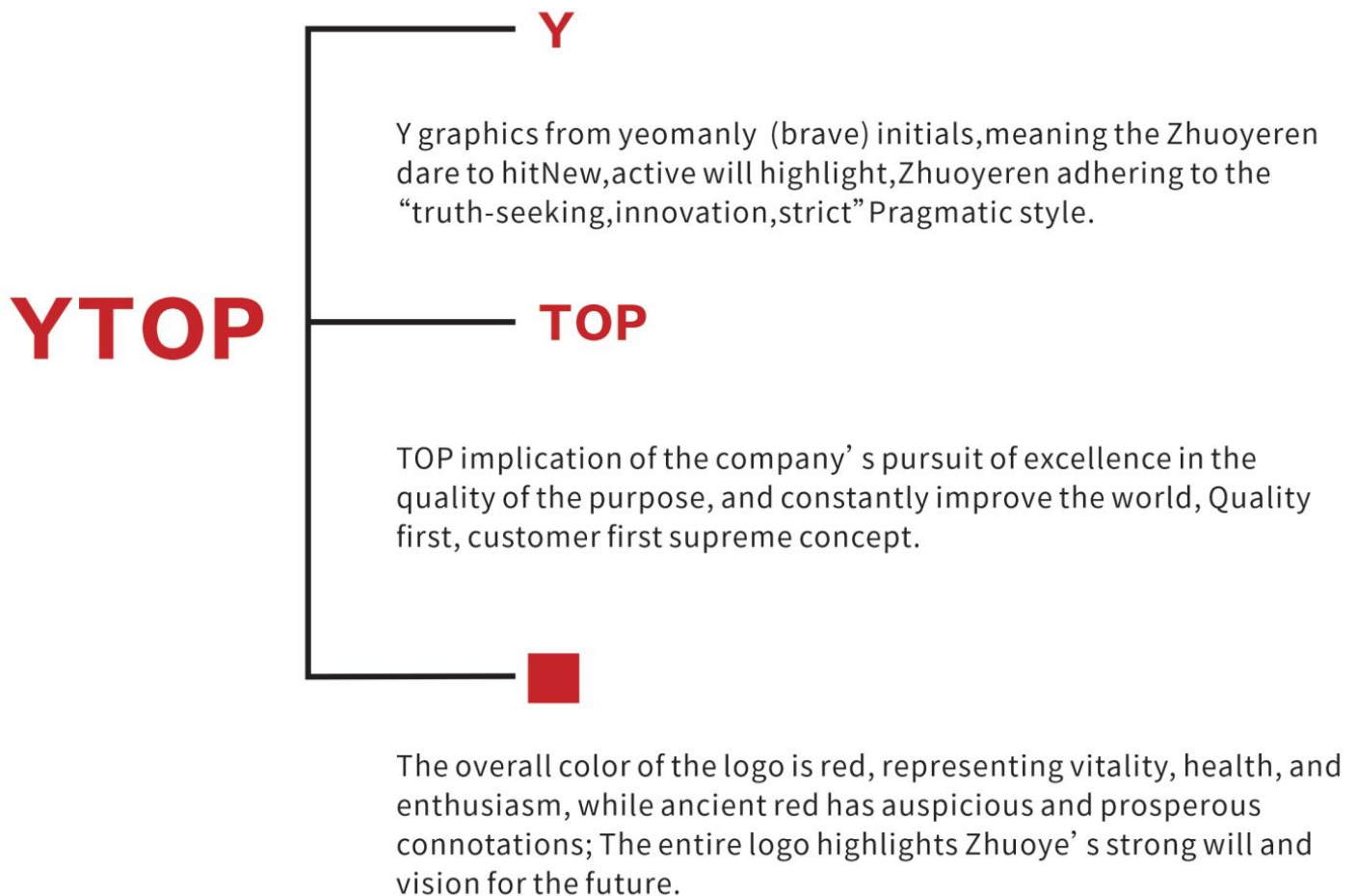
Made of manganese steel More labor saving



Interpretation of LOGO

- 1.The logo graphics are mainly based on character images,strong and determined,with perseverance,symbolizing Zhuoye' s vision of accumulating knowledge and pursuing excellence,becoming a benchmark in the casters industry.
- 2.The character image center is the core caster product of the company,symbolizing theat the company is fully committed to maintaining the quality of each product.

Analysis of LOGO



The commonly used plastic casters to identify combustion test

Combustion test identification method is to use a small fire burning plastic sample, observe the plastic in the fire burning. The degree of difficulty, the flame color, whether dropping and smoke, and the smell of flame. To identify the type of plastic.

According to the degree of difficulty of combustion can be divided into non flammable, flame retardant (off the fire slowly to extinguish) and to three kinds of flammable (out of fire).

According to the burning of whether the smoke into two, a smoke free plastic: PE, PP, PMMA, POM, PA, fluorine plastic; plastic smoke (molecular structure containing halogen or benzene ring); PS, PVC, PC, ABS, PET, PBT, PPO, PPS, PI, PSF, LCP, etc..

Chinese name Chinese name	English name	Easy to burn	Off state	Flame color	Burning smell	Whether there is smoke	Combustion state
Polyurethane	TPU	Flammable	Continue to burn	Yellow	Wool	Smokeless	Melt dripping, foaming
Nylon	PA	Slow	Out of the fire	Yellow	Smell of nails, burnt wool	White smoke	Foaming, dissolution and drop
Polypropylene	PP	Flammable	Continue to burn	Yellow blue	Oil flavor	A small amount of black smoke	Melting drop
Acrylic resin / butadiene/ styrene copolymer	ABS	Flammable	Continue to burn	Yellow	Cinnamon or burning	Black smoke, fly ash	Burnt but not dripping
Polycarbonate	PC	Slow	Out of the fire	Yellow	Floral odor	A lot of black smoke, fly ash	Softening foaming
PE	PE	Flammable	Continue to burn	Yellow blue	Shi Lawei	Low smoke	Melting drop
Pure PVC powder	PVC	Flame retardant	Out of fire	Yellow	HCl sour	Black smoke	Burning

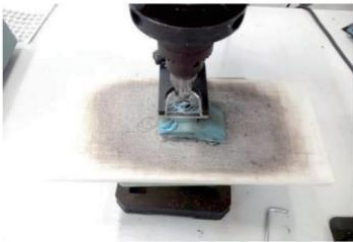
Single wheel material DIN wear test instructions

[Objective] to test the wear testing of casters materials after a certain length distance, the sample surface abrasion condition assessment, Loss of weight, loss of volume, thickness of wear, and so on Wear resistance characteristics.

[test principle] 1, in the specified contact pressure and the given area, the determination of the sample at a certain level of sandpaper Wear caused by friction;

2, sandpaper wrapped on the surface of the roller, the sample is pressed in a roller with sandpaper, so that the sample along the roll Horizontal traverse. Wear is produced at the end of a cylindrical specimen, and the mass loss of the test specimen is measured The volume of the specimen is calculated by the density of the sample.

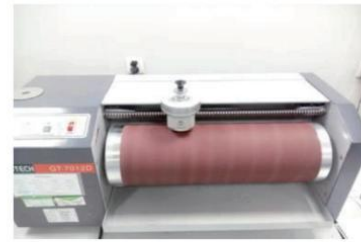
[test flow]



① Three specimens were cut with a drill



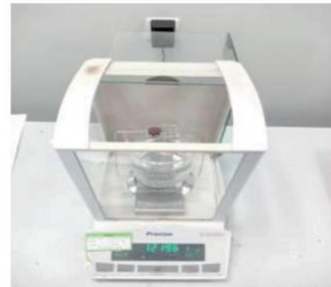
② With the art knife sample



③ Pre grinding sample



④ Measuring the quality of samples before testing with an electronic hydrometer



⑤ Start the test
(the test can not test the whole process, select the test half)



⑥ Measuring the specific gravity of a sample with an electronic hydrometer

⑦ Measuring the quality of the whole (or later) of the sample with an electronic hydrometer
Formula: specimen wear volume = Poor wear quality ÷ Sample weight ÷ Poor quality of standard rubber × 200 (Note: when testing the whole use, half need × 2)

检测报告

检测编号: 2020-12-29
检测日期: 2020-12-29
检测人: 张立军

检测样品列表			
检测样品编号	检测样品描述	检测样品名称	检测样品规格
501	白色塑料复合板 (PA6)		

检测结果			
1. 丹尼磨磨性能			
检测方法	依据标准	检测结果	备注
GB 4491-2019 方法 A			
样品名称	要求 (mm³)	检测结果 (mm³)	备注
白色塑料复合板 (PA6)	—	21	—

检测单位: 东莞市卓业金属制品有限公司
 检测地址: 东莞市卓业金属制品有限公司
 检测人员: 张立军
 检测日期: 2020-12-29
 检测编号: 2020-12-29

DIN wear resistance coefficient of Zhuo Ye manganese steel casters

Type	PP	PA6	MC	BR	PU	TPR	TPU
Wear coefficient mm³	53	21	21	130	130	102	25

Note: the single wheel wear coefficient of the lower value of the material that is more wear-resistant.

Characteristics and description of the use of molybdenum disulfide extreme pressure lithium base grease in the rotating dial and bearing of Zhuoye manganese steel casters

The caster and single wheel bearings using the plate molybdenum disulfide lithium grease is a multifunctional long-life grease, grease with grease for. It has good mechanical stability, rust resistance and oxidation stability, colloid stability, oxidation stability, heat stability, water resistance and extreme pressure and anti-wear properties. Molybdenum disulfide lithium grease suitable for the working environment temperature of rolling mill in 20 DEG -180 DEG. Grange Lubrication of gears and bearings of heavy duty mechanical equipment such as machinery, construction machinery, heavy lifting machinery, construction machinery and so on.

Zhuoye manganese steel caster wave plate uses molybdenum disulfide



Extreme pressure grease

Traditional casters use regular butter



Universal lithium base grease

- ★ Strong water resistance
- ★ Excellent oxidation stability and long service life
- ★ Good mechanical stability and reduced grease loss
- ★ Resistant to low temperatures and high temperatures

- ★ Weak water resistance, prone to drying
- ★ Not heat-resistant, easily melts
- ★ It cannot provide lubrication effect at low temperatures
- ★ Not practical

1. with special extreme pressure additives can be in harsh environment, under heavy load and impact load for caster rotary table and single wheel bearings provide effective lubrication protection.
2. molybdenum disulfide has good water resistance, good mechanical stability and pressure resistance, mainly used for heavy load of mechanical lubrication.
3. in grease containing molybdenum disulfide (solid lubricant) and ordinary grease containing solid lubricant. usually black. molybdenum disulfide can still play a role in lubrication.
4. good mechanical stability, reduce the loss of grease;
5. strong resistance to water flushing, flushing in the case of water can still ensure the service life of the Zhuoye manganese steel casters;
6. excellent oxidation stability, grease life long, high temperature does not change hard or sediment, so that in a very harsh environment, but also can be used.



Zhuo Ye Manganese steel caster

The difference between surface spray treatment and electrophoresis and zinc plating

Test method: neutral salt fog test (NSS), the temperature is 35 and 2. The concentration of Sodium Chloride Solution (collection solution) 50g/L + 5g/L, PH (collection of solution) 6.5~7.2, placed for 48 hours. The surface spray of a new type of material casters has been tested by the testing result of the authority. The treatment of the appearance grade is up to 8 levels; the surface electrophoretic treatment of the traditional casters. The appearance grade reaches 2 level, the traditional surface galvanizing treatment appearance grade reaches level 1.

检测报告

检测报告编号: STCT1701699A1

检测报告日期: 2017-04-06

页码: 第4页 共4页

外观等级 1: $33.0 < A \leq 50.0\%$

外观等级 0: $A > 50.0\%$

样品/样品组合	要求	检测结果	结论
S01[银色金属制品]	测试条件: 放置时间: 48H	外观等级: 1	—
S02[绿色金属制品]	测试条件: 放置时间: 48H	外观等级: 8	—
S03[黑色金属制品]	测试条件: 放置时间: 48H	外观等级: 2	—

备注:

10级: 无生锈

9级: $0\% < \text{生锈面积} < 0.1\%$

8级: $0.1\% < \text{生锈面积} < 0.25\%$

7级: $0.25\% < \text{生锈面积} < 0.5\%$

6级: $0.5\% < \text{生锈面积} < 1.0\%$

5级: $1.0\% < \text{生锈面积} < 2.5\%$

4级: $2.5\% < \text{生锈面积} < 5.0\%$

3级: $5.0\% < \text{生锈面积} < 10\%$

2级: $10\% < \text{生锈面积} < 25\%$

1级: $25\% < \text{生锈面积} < 50\%$

0级: 生锈面积 $> 50\%$

外观等级参照 ASTM D610-08, 按腐蚀面积 A (%)

外观等级 10: $A \leq 0.01\%$

外观等级 9: $0.01 < A \leq 0.03\%$

外观等级 8: $0.03 < A \leq 0.1\%$

外观等级 7: $0.1 < A \leq 0.3\%$

外观等级 6: $0.3 < A \leq 1.0\%$

外观等级 5: $1.0 < A \leq 3.0\%$

外观等级 4: $3.0 < A \leq 10.0\%$

外观等级 3: $10.0 < A \leq 16.0\%$

外观等级 2: $16.0 < A \leq 33.0\%$

以下图片为测试前后对比图:



.....结束.....

Zhuoye manganese steel casters Traditional casters are prone to rusting



After third-party testing, Zhuoye's manganese steel casters with spray-painted surface treatment are suitable for use in harsher environments

After third-party testing under the same testing environment, the rust and corrosion resistance levels of traditional electrophoresis and galvanized anti-corrosion casters are only Level 2 and Level 1 respectively



厦门中迅德检测技术股份有限公司 Xiamen Sino-Tech Testing Technology Co., Ltd

地址: 厦门火炬高新区(翔安)产业区同龙二路 886 号 邮编: 361100

咨询电话: 0592-2631925 2631940 7201068 建议和投诉专线: 0592-7201068 传真: 0592-2631941 Email: stct@stct-sm.com

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Zhuo Ye Manganese steel caster

The performance and origin of manganese steel

Manganese steel properties:

Manganese steel is a mixture of ordinary steel and carbon, which is mainly used to withstand the impact and wear resistance points

Under the strong impact, under the extrusion condition, the work hardening phenomenon occurs rapidly, so that it keeps the toughness and plasticity of the austenite at the heart, while the hardened layer has good wear resistance, which is not available by other materials. Low manganese steel is 2.5% - 3.5% manganese, low manganese steel: no toughness, like glass, if it reaches more than 13% manganese, it has strong hardness and good toughness. At present, the frequently worn components are bridge, rail, military and life, helmet, tank armor, armor piercing warhead, spring and automobile steel plate. Among them, the auditorium of Shanghai Cultural Square and Shanghai gymnasium were built in 1973, which can accommodate 18000 people. The materials used are manganese steel structure, not pillars.

The origin of manganese steel:

The standard MN13 high manganese steel, also known as "Haofield", was invented by the British Hadfield in 1882. The relevant national standards and international standards are as follows: National standard <GB/T5680-1998> of high manganese steel in China. There is a 2GMN13-1-2-3-4-5 Standard <ASTM128/A128M-1993> of American ASTM austenitic manganese steel. Steel ASTM-ALVNS->9110



Zhuo Ye steel casters square plate plate

The difference with the traditional ordinary

caster square board of the impeller

1. Test the weight of four casters with a total weight of 1600 KG;
2. test speed of 3.6 km/H;
3. obstacles 1, height 5mm, walk the 2000 obstacles, obstacles distance of 1 meters.
4. the way of walking is positive /reverse for 3 minutes to stop for 2 minutes, so cycle, test equipment, such as (Figure 1).

Carrying 1600KG/test walking 15 hours (including residence time),
the test of anatomical contrast figure:





Zhuoye manganese steel caster propulsion test instructions

1. Rolling Performance Test: Purpose:

To test the straight rolling performance of a single caster wheel under load. Test Equipment: Caster Single Wheel Rolling and Steering Performance Tester. Test Method: As shown in Figure 1, install the caster or wheel on the tester, apply a rated load W to the caster in the vertical direction, and apply a force in the horizontal direction on the axle. Measure the minimum force F1 required to rotate the caster or wheel (at least half a rotation), and F1 is the rotational resistance of the caster or wheel.

The rolling resistance coefficient of a single wheel moving straight ahead is calculated according to formula (1):

$$\mu_1 = F_1 / W \dots\dots (1)$$

where μ_1 is the rolling resistance coefficient;

rolling resistance, measured in newtons (N);

F1 is the rated load, measured in newtons (N);

W is the propulsion force $F_1 = \text{load capacity} \times \text{resistance coefficient } \mu_1$.

Figure 1 The rolling performance of a single caster wheel must comply with the provisions of the national standard GB/T14687-2011 (Table 1):

Wheel diameter D mm	Casters	Single wheel rolling resistance coefficient μ_1	
		Rolling friction (bearing)	Sliding friction (without bearing)
≤ 75	Soft wheel	≤ 0.060	≤ 0.100
	Hard wheel	≤ 0.050	≤ 0.060
80~100	Soft wheel	≤ 0.045	≤ 0.080
	Hard wheel	≤ 0.040	≤ 0.060
≥ 100	Soft wheel	≤ 0.045	≤ 0.070
	Hard wheel	≤ 0.035	≤ 0.050

2. Steering performance test: Purpose:

To test the steering performance of the wheels after the universal casters are loaded; Test equipment: Caster rotation and steering performance tester; Test method: As shown in Figure 2, install the casters or wheels on the testing machine, apply a rated load W to the casters in the vertical direction, and apply a force in the horizontal direction perpendicular to the forward direction of the wheels. Measure the minimum force F2 required to turn the casters, and F2 is the turning resistance of the casters.

The turning resistance coefficient is calculated according to formula (1):

$$\mu_2 = F_2 / W \dots\dots (1)$$

In the formula, μ_2 represents the steering resistance coefficient;

F2 steering resistance, with the unit of Newton (N);

The rated load, denoted in newtons (N), is calculated as follows:

$W = F_2 \times \mu_2$, where F2 represents the driving force, W represents the load capacity, and μ_2 represents the resistance coefficient. The steering performance must comply with the provisions of the national standard GB/T14687-2011 (Table 2):

Wheel diameter D (mm)	Casters	Steering resistance coefficient μ_2
≤ 75	Soft wheel	≤ 0.30
	Hard wheel	≤ 0.15
80~100	Soft wheel	≤ 0.25
	Hard wheel	≤ 0.13
≥ 100	Soft wheel	≤ 0.20
	Hard wheel	≤ 0.10

3. Test value description:

The smaller the resistance coefficients μ_1 and μ_2 , the less resistance there is, making it easier to use and more flexible; conversely, the larger the values, the greater the resistance, making it more strenuous to use.

4. The relationship between the material of the caster tread, the material of the movable frame wave plate, the material of the ball bearing, and the resistance force:

1) The harder the tread of a single caster (such as PA6, MC, PP, iron wheel, etc.), the lower the resistance coefficient, making it easier to push, but the worse the ground protection effect and the noise reduction effect;

2) When the tread of the caster is made of soft material (such as TPU, TPR, BR, etc.), the higher the resistance coefficient, the greater the pushing force required, but the better the ground protection effect and the noise reduction effect.

3) The higher the hardness of the material of the wave plate and ball bearing of the movable wheel bracket, the smaller the steering resistance coefficient, making it easier to push.



Zhuo Ye manganese steel casters Driving test explanation

1. Rolling performance test:

Objective: to test the straight rolling performance of a single wheel load.

Test equipment: single wheel rolling and steering performance testing machine.

Test method: as shown in Figure 1, the wheel or wheel is installed on the test machine, and the rated load is applied to the casters in the vertical direction of W, Apply force in the horizontal direction on the axle. The minimum force value F1 required to rotate the wheel or wheel (at least 1/2 weeks) is measured. F1 is the turning resistance of a wheel or a wheel. The resistance coefficient of single wheel straight line rolling is calculated by formula (1). $1=F1/W...$

(1) The rolling resistance coefficient of the medium μ_1 ;

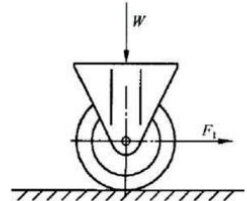
F1 rolling resistance, the unit of cattle (N);

W rated load, unit of cow (N);

That is: the driving force F1= carrying weight W by the drag coefficient 1

The single wheel rolling performance of the casters must comply with the national standard GB/T14687-2011 (Table 1):

图 1



Wheel diameter D mm	Casters	Single wheel rolling resistance coefficient μ_1	
		Rolling friction (bearing)	Sliding friction (without bearing)
≤ 75	Soft wheel	≤ 0.060	≤ 0.100
	Hard wheel	≤ 0.050	≤ 0.060
80~100	Soft wheel	≤ 0.045	≤ 0.080
	Hard wheel	≤ 0.040	≤ 0.060
≥ 100	Soft wheel	≤ 0.045	≤ 0.070
	Hard wheel	≤ 0.035	≤ 0.050

2. steering performance test:

Objective: to test the steering performance of the wheel after the load of the cardan wheel.

Test equipment: wheel rotation steering performance tester;

Test method: as shown in Figure 2, the wheel or wheel is installed on the test machine, and the nominal load of the caster is W along the vertical direction, and it is used in the test. Force the horizontal direction perpendicular to the direction of the wheel. The minimum force value F2 for the steering of the casters is measured, and F2 is the steering resistance of the casters.

The steering resistance coefficient is calculated by formula (1). $2=F2/W...$ (1)

The steering resistance coefficient in the medium μ_2 ;

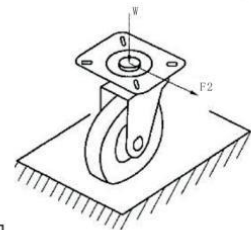
F2 steering resistance, the unit of cattle (N);

W rated load, unit of cow (N);

That is: the driving force F2= carrying weight W by the drag coefficient 2

The steering performance must comply with the national standard GB/T14687-2011 (table two):

图 2



Wheel diameter D (mm)	Casters	Steering resistance coefficient μ_2
≤ 75	Soft wheel	≤ 0.30
	Hard wheel	≤ 0.15
80~100	Soft wheel	≤ 0.25
	Hard wheel	≤ 0.13
≥ 100	Soft wheel	≤ 0.20
	Hard wheel	≤ 0.10

3. test numerical instructions:

The smaller the drag coefficient of the test is, the smaller the resistance coefficient is, the smaller the resistance is, and the smaller the resistance is. The smaller the resistance is, the smaller the resistance is. The smaller the resistance, the easier the use and the better flexibility. On the contrary, the greater the numerical value, the greater the resistance, and the harder it will be to use. 1, 2.

The relationship between 4. caster wheel surface material, the movable frame material, ball material and plate resistance:

1) the harder the wheel wheel hardness is, the smaller the drag coefficient is, the easier the driving force is, but the worse the ground protection effect and the mute effect is. PA6, MC, PP, and so on.

2) when the castor wheel is soft material (such as TPU, TPR, BR, etc.), the greater the drag coefficient, the greater the driving force, but the better the ground protection effect and the mute effect.

3) activity wheel bracket and ball material odds higher hardness of steering resistance coefficient is small, pushing more loose.

HOW TO CHOOSE THE CASTERS

The use of caster is to reduce labor intensity, improve work efficiency. According to the application of the method, conditions and requirements (easy, easy, and durable) The correct choice of casters for you to use. Please think about it:

■ Carrying capacity

(1) Load: $T = \frac{E+Z}{M}$

Each bearing the weight of T = caster

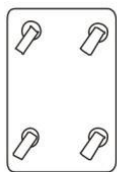
Weight of E = transport

Z = weight of moving objects

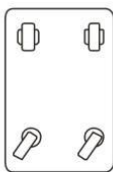
Effective load bearing capacity of M = wheels

(should be taken into account for the location and weight distribution of the elements)

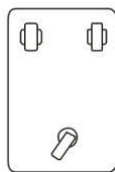
(2) the effective carrying capacity of the wheel (M) is as follows:



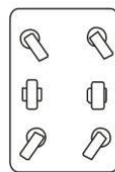
$M=3$



$M=3$



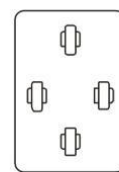
$M=3$



$M=4$

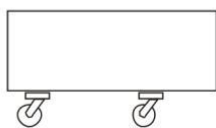


$M=3$



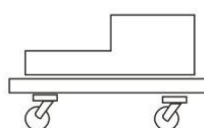
$M=2$

(3) bearing according to the maximum support point bearing casters Quantity calculation. Caster specific force supporting points as below, P_2 Support for the most important points.



P_1

P_2



P_1

P_2

■ Flexibility

- (1) should be flexible, durable and easily casters, the rotating parts (foot The frame rotation, wheel rolling) should choose the material with small friction coefficient Accessories (such as ball, for example, after processing in a special process. Bearing or quenching process)
- (2) the tripod eccentricity is turning more flexible, but the bearing capacity Corresponding reduction.
- (3) the greater the diameter of the wheel drive more labor-saving, and can better. Ground. Smaller than the wheels turn slowly, not easy to be heated Shape, more durable. In the condition of the installation height allowed Can choose a large diameter wheel.

■ Moving speed:

Caster speed requirements: in normal temperature environment, in a flatOn the ground, not higher than the walking speed of 4KM/H, and have a certainWorking state.

■ Use environment:

The choice should be taken into consideration when the ground material, the barrier, the residue orThe special environment (such as iron, high temperature, low temperature, acid,Alkaline, oil and chemical solvents, as well as antistaticPlace). Special use in special circumstancesCastor material.

■ Installation considerations:

Flat top: the installation surface must be flat, rigid, not loose.

Orientation: the two wheels must be consistent in direction, and ensure that the parallel.

Wire mouth: must be equipped with a spring, to prevent loosening.

■ Properties of wheel material

Type	Load(kg)	Agility	Floor protection	Silence	Shockresistance	Wear resistance	Chemical resistance	Application temperature-C	Wheel hardness (A)
PP	10-500	Best	Bad	Bad	Bad	Common	Best	-20~80	-
PA	20-1000	Best	Bad	Bad	Bad	Better	Best	-35~100	-
MC	50-2000	Best	Bad	Bad	Bad	Best	Best	-35~120	-
Rubber(high elastic)	20-600	Common	Best	Best	Best	Better	Common	-42~80	68±3
PU	30-1000	Better	Best	Best	Best	Best	Best	-40~90	95±3
TPU	50-3000	Better	Best	Best	Best	Best	Best	-40~90	95±3
Cast Iron	50-5000	Best	Bad	Bad	Bad	Best	Common	-50~600	-

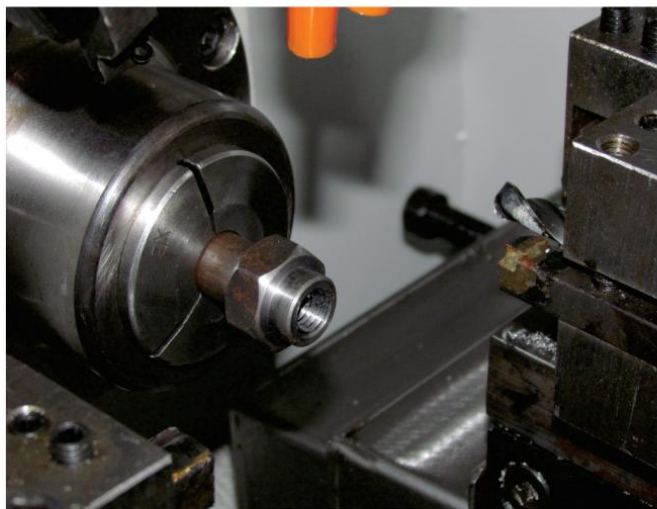
Testing and production equipment



Hardness test screws



Product load walking test



The production of screws



Plastic casters



Punching trundle bracket

Attract customers not only products appearance,

It is the intrinsic quality of products!

Catalog

18A Medium-duty Polyurethane (TPU) Manganese Steel Caster Wheel Series	1-3
18AH Medium-duty Black Polyurethane (TPU) Manganese Steel Caster Wheel Series	4-5
18B Medium-duty Nylon (Pa6) Manganese Steel Caster Wheel Series	6-7
18C Medium-duty Rubber (BR) Manganese Steel Caster Wheel Series	8-9
18D Medium-duty Polypropylene (PP) Manganese Steel Caster Wheel Series	10-11
18E Medium-duty (TPR) Manganese Steel Caster Wheel Series	12-13
18H Medium-duty (TPR) Manganese Steel Caster Wheel Series	14-15
18L Medium-duty Polypropylene (PP) Manganese Steel Caster Wheel Series	16-17
19A Medium-duty Polyurethane (TPU) Series / 19C Medium-duty Rubber (BR) Caster Wheel Series / 19E Medium-duty (TPR) Caster Wheel Series	18
20B Medium Heavy Duty Low Gravity Nylon (PA6) Caster Wheel Series / 20B Medium Heavy Duty Low Gravity Nylon (MC) Caster Wheel Series	19
21A Heavy-duty (TPU) Caster Wheel Series	20
21AH Heavy-duty Black Polyurethane (TPU) Caster Wheel Series	21
21B Heavy-duty Nylon (PA6) Caster Wheel Series	22
21C Heavy-duty Nylon (MC) Caster Wheel Series	23
21D Heavy-duty Rubber (BR) Caster Wheel Series	24
21E Heavy-duty Polypropylene (PP) Caster Wheel Series	25
21F Heavy-duty Curve Iron Core PU Caster Wheel Series	26
21FL Heavy-duty Curve Aluminum Core PU Caster Wheel Series	27
21G Heavy-duty Flat Iron Core PU Caster Wheel Series	28
21GL Heavy-duty Flat Aluminum Core PU Caster Wheel Series	29
21H Heavy-duty Synthetic Rubber (TPR) Caster Wheel Series	30
21N Heavy-duty Modified Polypropylene (PP) Caster Wheel Series	31
21R Heavy-duty coffee colored synthetic rubber (TPR) wheel series	32

Catalog

21LL Heavy-duty High-speed Traction Aluminum Core Rubber (BR) Caster Wheel Series	33
21M Heavy-duty Inflatable Rubber (CBR) Caster Wheel Series	34
22A Innovative Precision Heavy-duty Polyurethane (TPU) Caster Wheel Series	35
22AH Innovative Precision Heavy-duty Black Polyurethane (TPU) Caster Wheel Series	36
22B Innovative Precision Heavy-duty Nylon (Pa6) Caster Wheel Series	37
22C Innovative Precision Heavy-duty Nylon (MC) Caster Wheel Series	38
22D Innovative Precision Heavy-duty Rubber (BR) Caster Wheel Series	39
22E Innovative Precision Heavy-duty Polypropylene (PP) Caster Wheel Series	40
22F Innovative Precision Heavy-duty Curve Iron Core PU Caster Wheel Series	41
22G Innovative Precision Heavy-duty Flat Iron Core PU Caster Wheel Series	42
22H Innovative Precision Synthetic Rubber (TPR) Caster Wheel Series	43
23 Heavy-duty Low Gravity Nylon (Pa6)Caster Wheel Serise/23 How Gravity Nylon (MC) Caster Wheel Series	44
23X Medium-duty Low Gravity Nylon(PA6) Caster Wheel Series	45
24 Super Heavy-duty Nylon (PA6) Caster Wheel Series	46
24 Super Heavy-duty Nylon (MC) Caster Wheel Series	47
24 Super Heavy-duty Iron Core Polyurethane (PU) Caster Wheel Series	48
25 Extra Heavy-duty Nylon (MC) Caster Wheel Series	49
25 Extra Heavy-duty Iron Core Polyurethane (PU) Caster Wheel Series	50
26 Extra Heavy-duty Nylon (MC) Caster Wheel Series	51
27 Extra Heavy-duty Nylon (MC) Caster Wheel Series	52
31 Economy black polyurethane (TPU) medium-sized series	53
31 Medium sized series of economical polypropylene (PP)	54
31 Economic Synthetic Rubber (TPR) Medium Series	55

Catalog

32 Low Gravity Nylon (PA6) Caster Wheel Series	56
X Floor Locks Brake (Heavy-duty) Series	57
X Floor Locks Brake (Medium-duty) Series	58
X Floor Locks Brake (Shock-absorbing Caster) Series	59
YZ Zhuoye Adjustable Leveling Caster Series	60
Y Zhuoye Adjustable Leveling Caster Series	61

18 Medium-duty Manganese Steel Caster Wheel Series

Labor-efficient

Wear-resistance

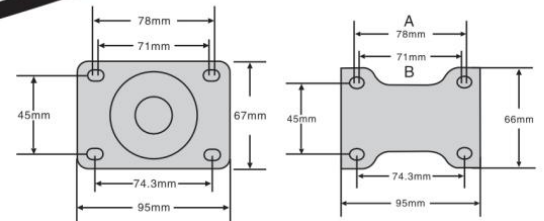
Eco-friendly

Manganese steel makes more labor efficient



18A Medium-duty Polyurethane (TPU) Manganese Steel Caster Wheel Series

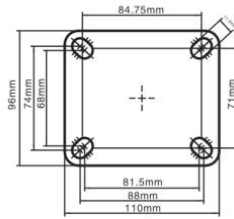
Zhuoye manganese steel casters



- The thickness of the base plate is 3.5mm
- Installation dimensions: (A) 78x45 (B) 71x45
- Mounting hole diameter 8.2mm

If stainless steel brackets are required for this product, the product code is for example:

18A-100H-32-304TPU



Adjustable square board with movable wheels

- The thickness of the base plate is 3.5mm
- Installation dimensions: (A) 81.5*68 (B) 88.74
- Mounting hole diameter 10.5mm

If large boards are required, the product code is for example:
18AD-100H-32-TPU

Patented product. Counterfeiting will be prosecuted

Product advantage description:

1. The single-wheel core is made of Taiwan polypropylene (PP) and wrapped with a special (TPU) polyurethane material, providing tear resistance, wear resistance, resilience, shock absorption, and oil resistance.
2. The bracket is made of high-quality iron plate, and the upper and lower tracks of the bead plate are made of manganese steel, which has undergone special processing to make Zhuoye manganese steel casters more effortless to push and more durable.
3. The grease used for the caster wave plate and bearings is molybdenum disulfide lithium base grease, which has excellent extreme pressure and anti-wear properties, low friction coefficient, strong load-bearing capacity; good metal surface adsorption and rust resistance, wide operating temperature range; excellent water washout resistance and corrosion resistance, good oxidation resistance; even if it dries, it still has lubricating effect, ensuring that Zhuoye manganese steel casters have a much longer service life than traditional casters.
4. According to the test results of a third-party organization, the appearance grade of the caster surface after powder coating treatment can reach Grade 8; the appearance grade of traditional caster surface after electrophoresis treatment reaches Grade 2; the appearance grade of traditional surface after galvanizing treatment reaches Grade 1 (see Figure 1 for details)

Advantages of Zhuoye manganese steel casters over ordinary casters:

Figure 1



Zhuoye manganese steel casters with square plate -s are more wear-resistant

The traditional castor square plate is severe -ly worn



VS



Figure 2

Zhuoye manganese steel casters make pushing easier

Traditional casters require a lot of effort to push



Load capacity of 520KG weights

VS



Load capacity of 520KG weights

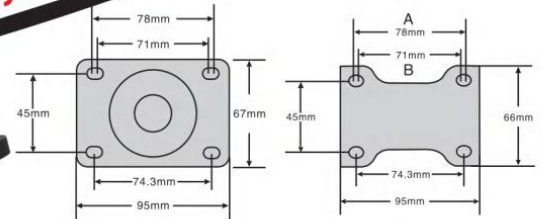
Figure 3

18A Medium-duty Polyurethane (TPU) Manganese Steel Caster Wheel Series

Product name	Number	 wheel diameter (mm)	 wheel width (mm)	 Load capacity (kg)	 installation height (mm)	 Lead screw specifications (mm)	 Top hole specification (mm)	 Radius of gyration (mm)	Straight rolling drive	Steering driving force	 single-turn material
2.5"TPU Fixed wheel	18A-63G-32-TPU	63(2½)	32	100	95.5	M12×25	Ø12.5	68.5 double brake 120	Fixed straight rolling resistance coefficient μ_1 0.048	Steering resistance coefficient μ_2 0.07	Polyurethane (TPU) DIN wear resistance coefficient 25mm ¹
2.5"Flat TPU Movable wheel	18A-63H-32-TPU										
2.5"Flat TPU Activity double brake wheel	18A-63H-32S-TPU										
2.5"Flat TPU Movable side brake wheel	18A-63H-32B-TPU										
2.5"Wire rod TPU Movable wheel	18A-63S-32-TPU										
2.5"Wire rod TPU Activity double brake wheel	18A-63S-32S-TPU										
2.5"Wire rod TPU Movable side brake wheel	18A-63S-32B-TPU										
2.5"Top hole TPU Movable wheel	18A-63D-32-TPU										
2.5"Top hole TPU Activity double brake wheel	18A-63D-32S-TPU										
2.5"Top hole TPU Movable side brake wheel	18A-63D-32B-TPU										
3"TPU Fixed wheel	18A-75G-32-TPU	75(3)	32	120	105	M12×25	Ø12.5	75.5 double brake 120	Fixed straight rolling resistance coefficient μ_1 0.047	Steering resistance coefficient μ_2 0.068	
3"Flat TPU Movable wheel	18A-75H-32-TPU										
3"Flat TPU Activity double brake wheel	18A-75H-32S-TPU										
3"Flat TPU Movable side brake wheel	18A-75H-32B-TPU										
3"Wire rod TPU Movable wheel	18A-75S-32-TPU										
3"Wire rod TPU Activity double brake wheel	18A-75S-32S-TPU										
3"Wire rod TPU Movable side brake wheel	18A-75S-32B-TPU										
3"Top hole TPU Movable wheel	18A-75D-32-TPU										
3"Top hole TPU Activity double brake wheel	18A-75D-32S-TPU										
3"Top hole TPU Movable side brake wheel	18A-75D-32B-TPU										
4"TPU Fixed wheel	18A-100G-32-TPU	100(4)	32	160	132	M12×25	Ø12.5	85.5 double brake 120	Fixed straight rolling resistance coefficient μ_1 0.039	Steering resistance coefficient μ_2 0.0481	
4"Flat TPU Movable wheel	18A-100H-32-TPU										
4"Flat TPU Activity double brake wheel	18A-100H-32S-TPU										
4"Flat TPU Movable side brake wheel	18A-100H-32B-TPU										
4"Wire rod TPU Movable wheel	18A-100S-32-TPU										
4"Wire rod TPU Activity double brake wheel	18A-100S-32S-TPU										
4"Wire rod TPU Movable side brake wheel	18A-100S-32B-TPU										
4"Top hole TPU Movable wheel	18A-100D-32-TPU										
4"Top hole TPU Activity double brake wheel	18A-100D-32S-TPU										
4"Top hole TPU Movable side brake wheel	18A-100D-32B-TPU										
5"TPU Fixed wheel	18A-125G-32-TPU	125(5)	32	180	155	M12×25	Ø12.5	105 double brake 120	Fixed straight rolling resistance coefficient μ_1 0.0367	Steering resistance coefficient μ_2 0.061	
5"Flat TPU Movable wheel	18A-125H-32-TPU										
5"Flat TPU Activity double brake wheel	18A-125H-32S-TPU										
5"Flat TPU Movable side brake wheel	18A-125H-32B-TPU										
5"Wire rod TPU Movable wheel	18A-125S-32-TPU										
5"Wire rod TPU Activity double brake wheel	18A-125S-32S-TPU										
5"Wire rod TPU Movable side brake wheel	18A-125S-32B-TPU										
5"Top hole TPU Movable wheel	18A-125D-32-TPU										
5"Top hole TPU Activity double brake wheel	18A-125D-32S-TPU										
5"Top hole TPU Movable side brake wheel	18A-125D-32B-TPU										

18AH Medium-duty Black Polyurethane (TPU) Manganese Steel Caster Wheel Series

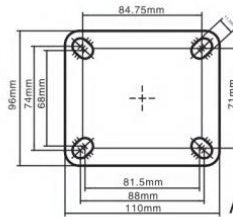
Zhuoye manganese steel casters



- The thickness of the base plate is 3.5mm
- Installation dimensions: (A) 78x45 (B) 71x45
- Mounting hole diameter 8.2mm

If stainless steel brackets are required for this product, the product code is for example:

18AH-100H-32-304TPU



Adjustable square board with movable wheels

- The thickness of the base plate is 3.5mm
- Installation dimensions: (A) 81.5*68 (B) 88.74
- Mounting hole diameter 10.5mm

If large boards are required, the product code is for example:

18AHD-100H-32-TPU

Patented product. Counterfeiting will be prosecuted

Product advantage description:

1. The single-wheel core is made of Taiwan polypropylene (PP) and wrapped with a special (TPU) polyurethane material, providing tear resistance, wear resistance, resilience, shock absorption, and oil resistance.
2. The bracket is made of high-quality iron plate, and the upper and lower tracks of the bead plate are made of manganese steel, which has undergone special processing to make Zhuoye manganese steel casters more effortless to push and more durable.
3. The grease used for the caster wave plate and bearings is molybdenum disulfide lithium base grease, which has excellent extreme pressure and anti-wear properties, low friction coefficient, strong load-bearing capacity; good metal surface adsorption and rust resistance, wide operating temperature range; excellent water washout resistance and corrosion resistance, good oxidation resistance; even if it dries, it still has lubricating effect, ensuring that Zhuoye manganese steel casters have a much longer service life than traditional casters.
4. According to the test results of a third-party organization, the appearance grade of the caster surface after powder coating treatment can reach Grade 8; the appearance grade of traditional caster surface after electrophoresis treatment reaches Grade 2; the appearance grade of traditional surface after galvanizing treatment reaches Grade 1 (see Figure 1 for details)

Advantages of Zhuoye manganese steel casters over ordinary casters:

Figure 1



Zhuoye manganese steel casters with square plate -s are more wear-resistant

The traditional castor square plate is severely worn



VS

Figure 2

Zhuoye manganese steel casters make pushing easier

Traditional casters require a lot of effort to push



Load capacity of 520KG weights

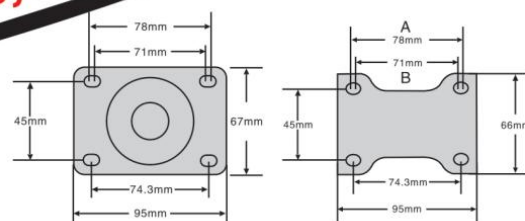
Figure 3 Load capacity of 520KG weights

18AH Medium-duty Black Polyurethane (TPU) Manganese Steel Caster Wheel Series

Product name	Number	 wheel diameter (mm)	 wheel width (mm)	 Load capacity (kg)	 installation height (mm)	 Lead screw specifications (mm)	 Top hole specification (mm)	 Radius of gyration (mm)	Straight rolling drive	Steering driving force	 single-turn material
2.5"Black TPU Fixed wheel	18AH-63G-32-TPU	63(2½)	32	100	95.5	M12×25	Ø12.5	68.5 double brake 120	Fixed straight rolling resistance coefficient μ_1 0.048	Steering resistance coefficient μ_2 0.07	Polyurethane (TPU) DIN wear resistance coefficient 25mm ¹
2.5"Black Flat TPU Movable wheel	18AH-63H-32-TPU										
2.5"Black Flat TPU Activity double brake wheel	18AH-63H-32S-TPU										
2.5"Black Flat TPU Movable side brake wheel	18AH-63H-32B-TPU										
2.5"Black Wire rod TPU Movable wheel	18AH-63S-32-TPU										
2.5"Black Wire rod TPU Activity double brake wheel	18AH-63S-32S-TPU										
2.5"Black Wire rod TPU Movable side brake wheel	18AH-63S-32B-TPU										
2.5"Black Top hole TPU Movable wheel	18AH-63D-32-TPU										
2.5"Black Top hole TPU Activity double brake wheel	18AH-63D-32S-TPU										
2.5"Black Top hole TPU Movable side brake wheel	18AH-63D-32B-TPU										
3"Black TPU Fixed wheel	18AH-75G-32-TPU	75(3)	32	120	105	M12×25	Ø12.5	75.5 double brake 120	Fixed straight rolling resistance coefficient μ_1 0.047	Steering resistance coefficient μ_2 0.068	
3"Black Flat TPU Movable wheel	18AH-75H-32-TPU										
3"Black Flat TPU Activity double brake wheel	18AH-75H-32S-TPU										
3"Black Flat TPU Movable side brake wheel	18AH-75H-32B-TPU										
3"Black Wire rod TPU Movable wheel	18AH-75S-32-TPU										
3"Black Wire rod TPU Activity double brake wheel	18AH-75S-32S-TPU										
3"Black Wire rod TPU Movable side brake wheel	18AH-75S-32B-TPU										
3"Black Top hole TPU Movable wheel	18AH-75D-32-TPU										
3"Black Top hole TPU Activity double brake wheel	18AH-75D-32S-TPU										
3"Black Top hole TPU Movable side brake wheel	18AH-75D-32B-TPU										
4"Black TPU Fixed wheel	18AH-100G-32-TPU	100(4)	32	160	132	M12×25	Ø12.5	85.5 double brake 120	Fixed straight rolling resistance coefficient μ_1 0.039	Steering resistance coefficient μ_2 0.0481	
4"Black Flat TPU Movable wheel	18AH-100H-32-TPU										
4"Black Flat TPU Activity double brake wheel	18AH-100H-32S-TPU										
4"Black Flat TPU Movable side brake wheel	18AH-100H-32B-TPU										
4"Black Wire rod TPU Movable wheel	18AH-100S-32-TPU										
4"Black Wire rod TPU Activity double brake wheel	18AH-100S-32S-TPU										
4"Black Wire rod TPU Movable side brake wheel	18AH-100S-32B-TPU										
4"Black Top hole TPU Movable wheel	18AH-100D-32-TPU										
4"Black Top hole TPU Activity double brake wheel	18AH-100D-32S-TPU										
4"Black Top hole TPU Movable side brake wheel	18AH-100D-32B-TPU										
5"Black TPU Fixed wheel	18AH-125G-32-TPU	125(5)	32	180	155	M12×25	Ø12.5	105 double brake 120	Fixed straight rolling resistance coefficient μ_1 0.0367	Steering resistance coefficient μ_2 0.061	
5"Black Flat TPU Movable wheel	18AH-125H-32-TPU										
5"Black Flat TPU Activity double brake wheel	18AH-125H-32S-TPU										
5"Black Flat TPU Movable side brake wheel	18AH-125H-32B-TPU										
5"Black Wire rod TPU Movable wheel	18AH-125S-32-TPU										
5"Black Wire rod TPU Activity double brake wheel	18AH-125S-32S-TPU										
5"Black Wire rod TPU Movable side brake wheel	18AH-125S-32B-TPU										
5"Black Top hole TPU Movable wheel	18AH-125D-32-TPU										
5"Black Top hole TPU Activity double brake wheel	18AH-125D-32S-TPU										
5"Black Top hole TPU Movable side brake wheel	18AH-125D-32B-TPU										

18B Medium-duty Nylon (PA6) Manganese Steel Caster Wheel Series

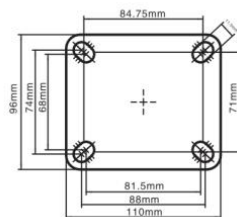
Zhuoye manganese steel casters



- The thickness of the base plate is 3.5mm
- Installation dimensions: (A) 78x45 (B) 71x45
- Mounting hole diameter 8.2mm

If stainless steel brackets are required for this product, the product code is for example:

18B-100H-32-304TPU



Adjustable square board with movable wheels

- The thickness of the base plate is 3.5mm
- Installation dimensions: (A) 81.5*68 (B) 88.74
- Mounting hole diameter 10.5mm

If large boards are required, the product code is for example:

18BD-100H-32-TPU

Patented product. Counterfeiting will be prosecuted

Product advantage description:

1. The single wheel is made of nylon (PA6) material and is molded in one piece. Nylon PA6 has high load-bearing strength, good tensile strength, toughness, compressive strength, and excellent friction resistance.
2. The bracket and the upper and lower tracks of the bead plate are made of high-quality iron plates and manganese steel, which has undergone special processing to make the Zhuoye manganese steel casters more effortless to push and more durable.
3. The grease for the castor wave plate and bearing is molybdenum disulfide lithium base grease, which has excellent extreme pressure and anti-wear properties, low friction coefficient, strong load-bearing capacity; excellent metal surface adsorption and rust resistance, wide operating temperature range; excellent water washout resistance and corrosion resistance, good oxidation resistance; even after drying, it still has lubricating effect, ensuring that Zhuoye manganese steel casters have a much longer service life than traditional casters.
4. According to the test results from a third-party organization, the appearance grade of the castor surface after powder coating treatment can reach Grade 8; the appearance grade of traditional casters after electrophoresis treatment reaches Grade 2; the appearance grade of traditional surface galvanizing treatment reaches Grade 1 (see Figure 1 for details)

Advantages of Zhuoye manganese steel casters over ordinary casters:

Figure 1



Zhuoye manganese steel casters with square plate -s are more wear-resistant

The traditional castor square plate is severe -ly worn

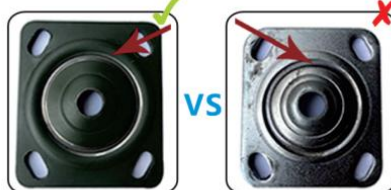


Figure 2

Zhuoye manganese steel casters make pushing easier

Traditional casters require a lot of effort to push



Load capacity of 520KG weights

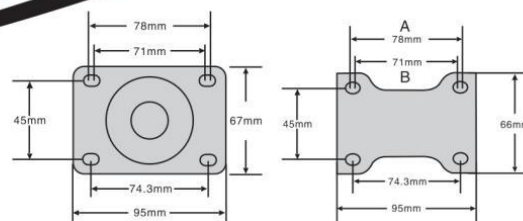
Load capacity of 520KG weights

18B Medium-duty Nylon (PA6) Manganese Steel Caster Wheel Series

Product name	Number	 wheel diameter (mm)	 wheel width (mm)	 Load capacity (kg)	 installation height (mm)	 Lead screw specifications (mm)	 Top hole specification (mm)	 Radius of gyration (mm)	Straight rolling drive	Steering driving force	 single-turn material
2.5"Fixed nylon wheel	18B-63G-32-PA6	63(2½)	32	100	95.5	M12×25	Ø12.5	68.5 double brake 120	Fixed straight rolling resistance coefficient μ_1 0.033	Steering resistance coefficient μ_2 0.0445	Nylon wheel (PA6) DIN wear resistance coefficient 21mm ¹
2.5"Flat bottomed nylon wheel	18B-63H-32-PA6										
2.5"Flat bottom nylon activity double brake wheel	18B-63H-32S-PA6										
2.5"Flat bottom nylon round	18B-63H-32B-PA6										
2.5"Silk and nylon wheel	18B-63S-32-PA6										
2.5"Silk and nylon double brake wheel	18B-63S-32S-PA6										
2.5"Silk and nylon active side brake wheel	18B-63S-32B-PA6										
2.5"Top hole nylon round	18B-63D-32-PA6										
2.5"Top hole nylon activity double brake wheel	18B-63D-32S-PA6										
2.5"Top hole nylon active side brake wheel	18B-63D-32B-PA6										
3"Fixed nylon wheel	18B-75G-32-PA6	75(3)	32	120	105	M12×25	Ø12.5	75.5 double brake 120	Fixed straight rolling resistance coefficient μ_1 0.038	Steering resistance coefficient μ_2 0.052	
3"Flat bottomed nylon wheel	18B-75H-32-PA6										
3"Flat bottom nylon activity double brake wheel	18B-75H-32S-PA6										
3"Flat bottom nylon round	18B-75H-32B-PA6										
3"Silk and nylon wheel	18B-75S-32-PA6										
3"Silk and nylon double brake wheel	18B-75S-32S-PA6										
3"Silk and nylon active side brake wheel	18B-75S-32B-PA6										
3"Top hole nylon round	18B-75D-32-PA6										
3"Top hole nylon activity double brake wheel	18B-75D-32S-PA6										
3"Top hole nylon active side brake wheel	18B-75D-32B-PA6										
4"Fixed nylon wheel	18B-100G-32-PA6	100(4)	32	160	132	M12×25	Ø12.5	85.5 double brake 120	Fixed straight rolling resistance coefficient μ_1 0.0322	Steering resistance coefficient μ_2 0.0428	
4"Flat bottomed nylon wheel	18B-100H-32-PA6										
4"Flat bottom nylon activity double brake wheel	18B-100H-32S-PA6										
4"Flat bottom nylon round	18B-100H-32B-PA6										
4"Silk and nylon wheel	18B-100S-32-PA6										
4"Silk and nylon double brake wheel	18B-100S-32S-PA6										
4"Silk and nylon active side brake wheel	18B-100S-32B-PA6										
4"Top hole nylon round	18B-100D-32-PA6										
4"Top hole nylon activity double brake wheel	18B-100D-32S-PA6										
4"Top hole nylon active side brake wheel	18B-100D-32B-PA6										
5"Fixed nylon wheel	18B-125G-32-PA6	125(5)	32	180	155	M12×25	Ø12.5	105 double brake 120	Fixed straight rolling resistance coefficient μ_1 0.0285	Steering resistance coefficient μ_2 0.0385	
5"Flat bottomed nylon wheel	18B-125H-32-PA6										
5"Flat bottom nylon activity double brake wheel	18B-125H-32S-PA6										
5"Flat bottom nylon round	18B-125H-32B-PA6										
5"Silk and nylon wheel	18B-125S-32-PA6										
5"Silk and nylon double brake wheel	18B-125S-32S-PA6										
5"Silk and nylon active side brake wheel	18B-125S-32B-PA6										
5"Top hole nylon round	18B-125D-32-PA6										
5"Top hole nylon activity double brake wheel	18B-125D-32S-PA6										
5"Top hole nylon active side brake wheel	18B-125D-32B-PA6										

18C Medium-duty Rubber (BR) Manganese Steel Caster Wheel Series

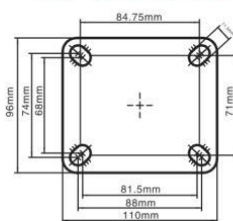
Zhuoye manganese steel casters



- The thickness of the base plate is 3.5mm
- Installation dimensions: (A) 78x45 (B) 71x45
- Mounting hole diameter 8.2mm

If stainless steel brackets are required for this product, the product code is for example:

18C-100H-32-304TPU



Adjustable square board with movable wheels

- The thickness of the base plate is 3.5mm
- Installation dimensions: (A) 81.5*68 (B) 88.74
- Mounting hole diameter 10.5mm

If large boards are required, the product code is for example:

18CD-100H-32-TPU

Patented product. Counterfeiting will be prosecuted

Product advantage description:

1. The single wheel is made of high-elasticity natural rubber material, and the inner core is made of nylon (BR), featuring excellent properties such as wear resistance, shock absorption, and noise reduction.
2. The bracket is made of high-quality iron plate, and the upper and lower tracks of the bead disc are made of manganese steel. After special processing, the Zhuoye manganese steel casters provide more effortless and durable pushing.
3. The grease for the castor wave disc and bearing is molybdenum disulfide lithium-based grease, which has excellent extreme pressure and anti-wear properties, low friction coefficient, strong load-bearing capacity; good metal surface adsorption and rust resistance, wide operating temperature range; excellent water washout resistance and corrosion resistance, good oxidation resistance; even if it dries, it still has lubricating effect, ensuring that Zhuoye manganese steel casters have a much longer service life than traditional casters.
4. According to the test results from a third-party organization, the appearance grade of the castor surface after powder coating treatment can reach Grade 8; the appearance grade of traditional casters after electrophoresis treatment reaches Grade 2; the appearance grade of traditional surface galvanizing treatment reaches Grade 1 (see Figure 1 for details)

Advantages of Zhuoye manganese steel casters over ordinary casters:

Figure 1



Zhuoye manganese steel casters with square plate -s are more wear-resistant

The traditional castor square plate is severely worn



Figure 2

Zhuoye manganese steel casters make pushing easier

Traditional casters require a lot of effort to push



Load capacity of 520KG weights



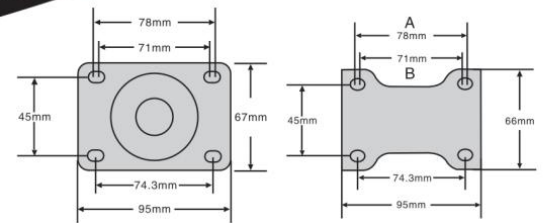
Load capacity of 520KG weights

18C Medium-duty Rubber (BR) Manganese Steel Caster Wheel Series

Product name	Number	 wheel diameter (mm)	 wheel width (mm)	 Load capacity (kg)	 installation height (mm)	 Lead screw specifications (mm)	 Top hole specification (mm)	 Radius of gyration (mm)	Straight rolling drive	Steering driving force	 single-turn material
2.5"Fixed rubber wheel	18C-63G-32-BR	63(2½)	32	100	95.5	M12×25	Ø12.5	68.5 double brake 120	Fixed straight rolling resistance coefficient μ_1 0.0488	Steering resistance coefficient μ_2 0.0896	Rubber wheel (BR) DIN wear resi- stance coeff- icient 130mm³
2.5"Flat rubber wheel	18C-63H-32-BR										
2.5"Flat bottom rubber wheel	18C-63H-32S-BR										
2.5"Flat bottom rubber wheel	18C-63H-32B-BR										
2.5"Wire rod rubber wheel	18C-63S-32-BR										
2.5"Double brake wheel rubber activity	18C-63S-32S-BR										
2.5"Wire rod rubber active side brake wheel	18C-63S-32B-BR										
2.5"Top hole rubber wheel	18C-63D-32-BR										
2.5"Top hole rubber activity double brake wheel	18C-63D-32S-BR										
2.5"Top hole rubber active side brake wheel	18C-63D-32B-BR										
3"Fixed rubber wheel	18C-75G-32-BR	75(3)	32	120	105	M12×25	Ø12.5	75.5 double brake 120	Fixed straight rolling resistance coefficient μ_1 0.0366	Steering resistance coefficient μ_2 0.086	
3"Flat rubber wheel	18C-75H-32-BR										
3"Flat bottom rubber wheel	18C-75H-32S-BR										
3"Flat bottom rubber wheel	18C-75H-32B-BR										
3"Wire rod rubber wheel	18C-75S-32-BR										
3"Double brake wheel rubber activity	18C-75S-32S-BR										
3"Wire rod rubber active side brake wheel	18C-75S-32B-BR										
3"Top hole rubber wheel	18C-75D-32-BR										
3"Top hole rubber activity double brake wheel	18C-75D-32S-BR										
3"Top hole rubber active side brake wheel	18C-75D-32B-BR										
4"Fixed rubber wheel	18C-100G-32-BR	100(4)	32	160	132	M12×25	Ø12.5	85.5 double brake 120	Fixed straight rolling resistance coefficient μ_1 0.0421	Steering resistance coefficient μ_2 0.091	
4"Flat rubber wheel	18C-100H-32-BR										
4"Flat bottom rubber wheel	18C-100H-32S-BR										
4"Flat bottom rubber wheel	18C-100H-32B-BR										
4"Wire rod rubber wheel	18C-100S-32-BR										
4"Double brake wheel rubber activity	18C-100S-32S-BR										
4"Wire rod rubber active side brake wheel	18C-100S-32B-BR										
4"Top hole rubber wheel	18C-100D-32-BR										
4"Top hole rubber activity double brake wheel	18C-100D-32S-BR										
4"Top hole rubber active side brake wheel	18C-100D-32B-BR										
5"Fixed rubber wheel	18C-125G-32-BR	125(5)	32	180	155	M12×25	Ø12.5	105 double brake 120	Fixed straight rolling resistance coefficient μ_1 0.0386	Steering resistance coefficient μ_2 0.095	
5"Flat rubber wheel	18C-125H-32-BR										
5"Flat bottom rubber wheel	18C-125H-32S-BR										
5"Flat bottom rubber wheel	18C-125H-32B-BR										
5"Wire rod rubber wheel	18C-125S-32-BR										
5"Double brake wheel rubber activity	18C-125S-32S-BR										
5"Wire rod rubber active side brake wheel	18C-125S-32B-BR										
5"Top hole rubber wheel	18C-125D-32-BR										
5"Top hole rubber activity double brake wheel	18C-125D-32S-BR										
5"Top hole rubber active side brake wheel	18C-125D-32B-BR										

18D Medium-duty Polypropylene (PP) Manganese Steel Caster Wheel Series

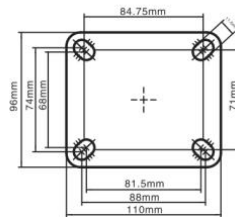
Zhuoye manganese steel casters



- The thickness of the base plate is 3.5mm
- Installation dimensions: (A) 78x45 (B) 71x45
- Mounting hole diameter 8.2mm

If stainless steel brackets are required for this product, the product code is for example:

18D-100H-32-304TPU



Adjustable square board with movable wheels

- The thickness of the base plate is 3.5mm
- Installation dimensions: (A) 81.5*68 (B) 88.74
- Mounting hole diameter 10.5mm

If large boards are required, the product code is for example:

18DD-100H-32-TPU

Patented product. Counterfeiting will be prosecuted

Product advantage description:

1. The single wheel is made of polypropylene material and is molded in one piece, featuring impact resistance, heavy-duty durability, acid and alkali resistance, and fatigue resistance.
2. The bracket is made of high-quality iron plate, and the upper and lower tracks of the bead plate are made of manganese steel that has undergone special processing, making the Zhuoye manganese steel casters more effortless to push and more durable.
3. The grease for the caster wave plate and bearing is molybdenum disulfide-based lubricating grease, which has excellent extreme pressure and anti-wear properties, low friction coefficient, strong load-bearing capacity; good metal surface adsorption and rust resistance, wide operating temperature range; excellent water washout resistance and corrosion resistance, good oxidation resistance; even if it dries, it still has lubricating effect, ensuring that Zhuoye manganese steel casters have a much longer service life than traditional casters.
4. According to the test results from a third-party organization, the appearance grade of the caster surface after powder coating treatment can reach Grade 8; the appearance grade of traditional caster surface after electrophoresis treatment reaches Grade 2; the appearance grade of traditional surface after galvanizing treatment reaches Grade 1 (see Figure 1 for details)

Advantages of Zhuoye manganese steel casters over ordinary casters:

Figure 1



Zhuoye manganese steel casters with square plate -s are more wear-resistant

The traditional castor square plate is severe -ly worn

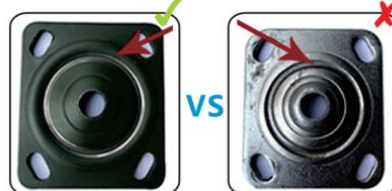


Figure 2

Zhuoye manganese steel casters make pushing easier

Traditional casters require a lot of effort to push



Load capacity of 520KG weights



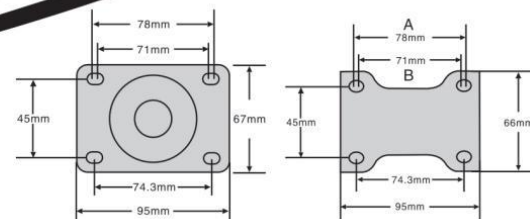
Load capacity of 520KG weights

18D Medium-duty Polypropylene (PP) Manganese Steel Caster Wheel Series

Product name	Number	 wheel diameter (mm)	 wheel width (mm)	 Load capacity (kg)	 installation height (mm)	 Lead screw specifications (mm)	 Top hole specification (mm)	 Radius of gyration (mm)	Straight rolling drive	Steering driving force	 single-turn material
2.5"Fixed PP wheel	18D-63G-32-PP	63(2½)	32	100	95.5	M12×25	Ø12.5	68.5 double brake 120	Fixed straight rolling resistance coefficient μ_1 0.0397	Steering resistance coefficient μ_2 0.0498	Polypropylene (PP) DIN wear resis- tance coeffic- ient 53mm¹
2.5"Flat bottomed PP activity wheel	18D-63H-32-PP										
2.5"Flat bottom PP activity double brake wheel	18D-63H-32S-PP										
2.5"Flat bottom PP activity side brake wheel	18D-63H-32B-PP										
2.5"PP wheel of wire rod	18D-63S-32-PP										
2.5"PP double brake wheel	18D-63S-32S-PP										
2.5"Wire rod PP active side brake wheel	18D-63S-32B-PP										
2.5"Top hole PP activity wheel	18D-63D-32-PP										
2.5"Top hole PP activity double brake wheel	18D-63D-32S-PP										
2.5"Top hole PP active side brake wheel	18D-63D-32B-PP										
3"Fixed PP wheel	18D-75G-32-PP	75(3)	32	120	105	M12×25	Ø12.5	75.5 double brake 120	Fixed straight rolling resistance coefficient μ_1 0.034	Steering resistance coefficient μ_2 0.049	
3"Flat bottomed PP activity wheel	18D-75H-32-PP										
3"Flat bottom PP activity double brake wheel	18D-75H-32S-PP										
3"Flat bottom PP activity side brake wheel	18D-75H-32B-PP										
3"PP wheel of wire rod	18D-75S-32-PP										
3"PP double brake wheel	18D-75S-32S-PP										
3"Wire rod PP active side brake wheel	18D-75S-32B-PP										
3"Top hole PP activity wheel	18D-75D-32-PP										
3"Top hole PP activity double brake wheel	18D-75D-32S-PP										
3"Top hole PP active side brake wheel	18D-75D-32B-PP										
4"Fixed PP wheel	18D-100G-32-PP	100(4)	32	160	132	M12×25	Ø12.5	85.5 double brake 120	Fixed straight rolling resistance coefficient μ_1 0.0323	Steering resistance coefficient μ_2 0.039	
4"Flat bottomed PP activity wheel	18D-100H-32-PP										
4"Flat bottom PP activity double brake wheel	18D-100H-32S-PP										
4"Flat bottom PP activity side brake wheel	18D-100H-32B-PP										
4"PP wheel of wire rod	18D-100S-32-PP										
4"PP double brake wheel	18D-100S-32S-PP										
4"Wire rod PP active side brake wheel	18D-100S-32B-PP										
4"Top hole PP activity wheel	18D-100D-32-PP										
4"Top hole PP activity double brake wheel	18D-100D-32S-PP										
4"Top hole PP active side brake wheel	18D-100D-32B-PP										
5"Fixed PP wheel	18D-125G-32-PP	125(5)	32	180	155	M12×25	Ø12.5	105 double brake 120	Fixed straight rolling resistance coefficient μ_1 0.0283	Steering resistance coefficient μ_2 0.038	
5"Flat bottomed PP activity wheel	18D-125H-32-PP										
5"Flat bottom PP activity double brake wheel	18D-125H-32S-PP										
5"Flat bottom PP activity side brake wheel	18D-125H-32B-PP										
5"PP wheel of wire rod	18D-125S-32-PP										
5"PP double brake wheel	18D-125S-32S-PP										
5"Wire rod PP active side brake wheel	18D-125S-32B-PP										
5"Top hole PP activity wheel	18D-125D-32-PP										
5"Top hole PP activity double brake wheel	18D-125D-32S-PP										
5"Top hole PP active side brake wheel	18D-125D-32B-PP										

18E Medium-duty (TPR) Manganese Steel Caster Wheel Series

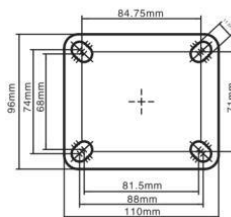
Zhuoye manganese steel casters



- The thickness of the base plate is 3.5mm
- Installation dimensions: (A) 78x45 (B) 71x45
- Mounting hole diameter 8.2mm

If stainless steel brackets are required for this product, the product code is for example:

18E-100H-32-304TPU



Adjustable square board with movable wheels

- The thickness of the base plate is 3.5mm
- Installation dimensions: (A) 81.5*68 (B) 88.74
- Mounting hole diameter 10.5mm

If large boards are required, the product code is for example:

18ED-100H-32-TPU

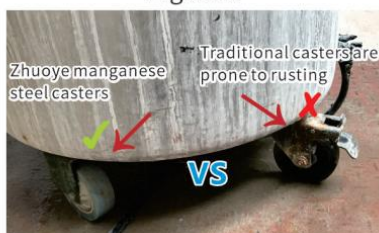
Patented product. Counterfeiting will be prosecuted

Product advantage description:

1. The single-wheel outer casing material is made of environmentally friendly, non-toxic imported synthetic rubber, which possesses excellent properties such as shock absorption, wear resistance, and noise reduction.
2. The bracket is made of high-quality iron plate, and the upper and lower tracks of the bead plate are made of manganese steel, which has undergone special processing to make Zhuoye manganese steel casters more effortless to push and more durable.
3. The grease for the caster wave plate and bearing is molybdenum disulfide-based lubricating grease, which has excellent extreme pressure and anti-wear properties, low friction coefficient, strong load-bearing capacity; good metal surface adsorption and rust resistance, wide operating temperature range; excellent water washout resistance and corrosion resistance, good oxidation resistance; even if it dries, it still has lubricating effect, ensuring that Zhuoye manganese steel casters have a much longer service life than traditional casters.
4. According to the test results from a third-party organization, the appearance grade of the caster surface after powder coating treatment can reach Grade 8; the appearance grade of traditional caster surface after electrophoresis treatment reaches Grade 2; the appearance grade of traditional surface after galvanizing treatment reaches Grade 1 (see Figure 1 for details)

Advantages of Zhuoye manganese steel casters over ordinary casters:

Figure 1



Zhuoye manganese steel casters with square plate -s are more wear-resistant

The traditional castor square plate is severely worn

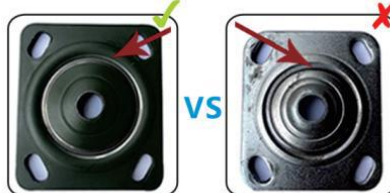


Figure 2

Zhuoye manganese steel casters make pushing easier

Traditional casters require a lot of effort to push



Load capacity of 520KG weights



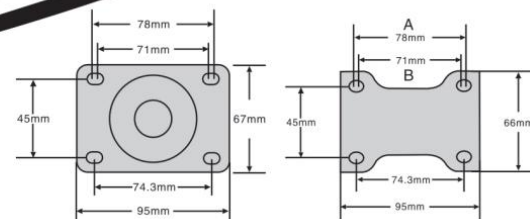
Load capacity of 520KG weights

18E Medium-duty (TPR) Manganese Steel Caster Wheel Series

Product name	Number	 wheel diameter (mm)	 wheel width (mm)	 Load capacity (kg)	 installation height (mm)	 Lead screw specifications (mm)	 Top hole specification (mm)	 Radius of gyration (mm)	Straight rolling drive	Steering driving force	 single-turn material
2.5"inch fixed TPR round	18E-63G-32-TPR	63(2 $\frac{1}{2}$)	32	100	95.5	M12×25	Ø12.5	68.5 double brake 120	Fixed straight rolling resistance coefficient μ_1 0.0468	Steering resistance coefficient μ_2 0.0712	Thermoplastic Rubber (TPR) DIN wear resi- stance coeff- icient 102mm ³
2.5"inch flat bottomed TPR round	18E-63H-32-TPR										
2.5"inch flat bottomed TPR double brake wheel	18E-63H-32S-TPR										
2.5"inch flat bottomed TPR moving side brake wheel	18E-63H-32B-TPR										
2.5"inch wire rod TPR active wheel	18E-63S-32-TPR										
2.5"inch wire rod TPR activity double brake wheel	18E-63S-32S-TPR										
2.5"inch wire rod TPR activity side brake wheel	18E-63S-32B-TPR										
2.5"inch top hole TPR movable wheel	18E-63D-32-TPR										
2.5"inch top hole TPR movable double brake wheel	18E-63D-32S-TPR										
2.5"inch top hole TPR movable side brake wheel	18E-63D-32B-TPR										
3"inch fixed TPR round	18E-75G-32-TPR	75(3)	32	120	105	M12×25	Ø12.5	75.5 double brake 120	Fixed straight rolling resistance coefficient μ_1 0.0418	Steering resistance coefficient μ_2 0.0683	
3"inch flat bottomed TPR round	18E-75H-32-TPR										
3"inch flat bottomed TPR double brake wheel	18E-75H-32S-TPR										
3"inch flat bottomed TPR moving side brake wheel	18E-75H-32B-TPR										
3"inch wire rod TPR active wheel	18E-75S-32-TPR										
3"inch wire rod TPR activity double brake wheel	18E-75S-32S-TPR										
3"inch wire rod TPR activity side brake wheel	18E-75S-32B-TPR										
3"inch top hole TPR movable wheel	18E-75D-32-TPR										
3"inch top hole TPR movable double brake wheel	18E-75D-32S-TPR										
3"inch top hole TPR movable side brake wheel	18E-75D-32B-TPR										
4"inch fixed TPR round	18E-100G-32-TPR	100(4)	32	160	132	M12×25	Ø12.5	85.5 double brake 120	Fixed straight rolling resistance coefficient μ_1 0.04	Steering resistance coefficient μ_2 0.0763	
4"inch flat bottomed TPR round	18E-100H-32-TPR										
4"inch flat bottomed TPR double brake wheel	18E-100H-32S-TPR										
4"inch flat bottomed TPR moving side brake wheel	18E-100H-32B-TPR										
4"inch wire rod TPR active wheel	18E-100S-32-TPR										
4"inch wire rod TPR activity double brake wheel	18E-100S-32S-TPR										
4"inch wire rod TPR activity side brake wheel	18E-100S-32B-TPR										
4"inch top hole TPR movable wheel	18E-100D-32-TPR										
4"inch top hole TPR movable double brake wheel	18E-100D-32S-TPR										
4"inch top hole TPR movable side brake wheel	18E-100D-32B-TPR										
5"inch fixed TPR round	18E-125G-32-TPR	125(5)	32	180	155	M12×25	Ø12.5	105 double brake 120	Fixed straight rolling resistance coefficient μ_1 0.0366	Steering resistance coefficient μ_2 0.0619	
5"inch flat bottomed TPR round	18E-125H-32-TPR										
5"inch flat bottomed TPR double brake wheel	18E-125H-32S-TPR										
5"inch flat bottomed TPR moving side brake wheel	18E-125H-32B-TPR										
5"inch wire rod TPR active wheel	18E-125S-32-TPR										
5"inch wire rod TPR activity double brake wheel	18E-125S-32S-TPR										
5"inch wire rod TPR activity side brake wheel	18E-125S-32B-TPR										
5"inch top hole TPR movable wheel	18E-125D-32-TPR										
5"inch top hole TPR movable double brake wheel	18E-125D-32S-TPR										
5"inch top hole TPR movable side brake wheel	18E-125D-32B-TPR										

18H Medium-duty(TPR) Manganese Steel Caster Wheel Serise

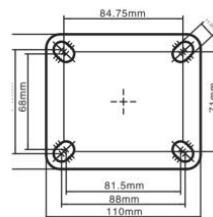
Zhuoye manganese steel casters



- The thickness of the base plate is 3.5mm
- Installation dimensions: (A) 78x45 (B) 71x45
- Mounting hole diameter 8.2mm

If stainless steel brackets are required for this product, the product code is for example:

18H-100H-32-304TPU



Adjustable square board with movable wheels

- The thickness of the base plate is 3.5mm
- Installation dimensions: (A) 81.5*68 (B) 88.74
- Mounting hole diameter 10.5mm

If large boards are required, the product code is for example:

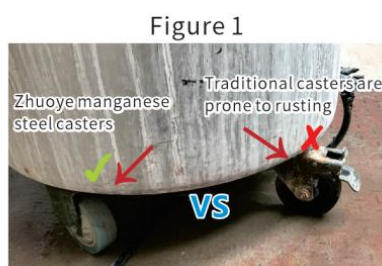
18HD-100H-32-TPU

Patented product. Counterfeiting will be prosecuted

Product advantage description:

1. The single-wheel outer casing material is made of environmentally friendly, non-toxic imported synthetic rubber, which possesses excellent properties such as shock absorption, wear resistance, and noise reduction.
2. The bracket is made of high-quality iron plate, and the upper and lower tracks of the bead plate are made of manganese steel, which has undergone special processing to make Zhuoye manganese steel casters more effortless to push and more durable.
3. The grease for the caster wave plate and bearing is molybdenum disulfide-based lubricating grease, which has excellent extreme pressure and anti-wear properties, low friction coefficient, strong load-bearing capacity; good metal surface adsorption and rust resistance, wide operating temperature range; excellent water washout resistance and corrosion resistance, good oxidation resistance; even if it dries, it still has lubricating effect, ensuring that Zhuoye manganese steel casters have a much longer service life than traditional casters.
4. According to the test results from a third-party organization, the appearance grade of the caster surface after powder coating treatment can reach Grade 8; the appearance grade of traditional caster surface after electrophoresis treatment reaches Grade 2; the appearance grade of traditional surface after galvanizing treatment reaches Grade 1 (see Figure 1 for details)

Advantages of Zhuoye manganese steel casters over ordinary casters:



Zhuoye manganese steel casters with square plate casters are more wear-resistant

The traditional castor square plate is severely worn



Figure 2

Zhuoye manganese steel casters make pushing easier

Traditional casters require a lot of effort to push



Load capacity of 520KG weights



Load capacity of 520KG weights

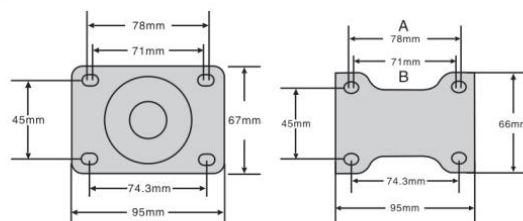
Figure 3

18H Medium-duty(TPR) Manganese Steel Caster Wheel Serise

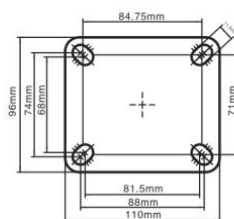
Product name	Number	 wheel diameter (mm)	 wheel width (mm)	 Load capacity (kg)	 Installation height (mm)	 Lead screw specifications (mm)	 Top hole specification (mm)	 Radius of gyration (mm)	Straight rolling drive	Steering driving force	 single-turn material
2.5"inch fixed TPR round	18H-63G-32-TPR	63(2 $\frac{1}{2}$)	32	100	95.5	M12×25	Ø12.5	68.5 double brake 120	Fixed straight rolling resistance coefficient μ_1 0.0468	Steering resistance coefficient μ_2 0.0712	Thermoplastic Rubber (TPR) DIN wear resi- stance coeff- icient 102mm ³
2.5"inch flat bottomed TPR round	18H-63H-32-TPR										
2.5"inch flat bottomed TPR double brake wheel	18H-63H-32S-TPR										
2.5"inch flat bottomed TPR moving side brake wheel	18H-63H-32B-TPR										
2.5"inch wire rod TPR active wheel	18H-63S-32-TPR										
2.5"inch wire rod TPR activity double brake wheel	18H-63S-32S-TPR										
2.5"inch wire rod TPR activity side brake wheel	18H-63S-32B-TPR										
2.5"inch top hole TPR movable wheel	18H-63D-32-TPR										
2.5"inch top hole TPR movable double brake wheel	18H-63D-32S-TPR										
2.5"inch top hole TPR movable side brake wheel	18H-63D-32B-TPR										
3"inch fixed TPR round	18H-75G-32-TPR	75(3)	32	120	105	M12×25	Ø12.5	75.5 double brake 120	Fixed straight rolling resistance coefficient μ_1 0.0418	Steering resistance coefficient μ_2 0.0683	
3"inch flat bottomed TPR round	18H-75H-32-TPR										
3"inch flat bottomed TPR double brake wheel	18H-75H-32S-TPR										
3"inch flat bottomed TPR moving side brake wheel	18H-75H-32B-TPR										
3"inch wire rod TPR active wheel	18H-75S-32-TPR										
3"inch wire rod TPR activity double brake wheel	18H-75S-32S-TPR										
3"inch wire rod TPR activity side brake wheel	18H-75S-32B-TPR										
3"inch top hole TPR movable wheel	18H-75D-32-TPR										
3"inch top hole TPR movable double brake wheel	18H-75D-32S-TPR										
3"inch top hole TPR movable side brake wheel	18H-75D-32B-TPR										
4"inch fixed TPR round	18H-100G-32-TPR	100(4)	32	160	132	M12×25	Ø12.5	85.5 double brake 120	Fixed straight rolling resistance coefficient μ_1 0.04	Steering resistance coefficient μ_2 0.0763	
4"inch flat bottomed TPR round	18H-100H-32-TPR										
4"inch flat bottomed TPR double brake wheel	18H-100H-32S-TPR										
4"inch flat bottomed TPR moving side brake wheel	18H-100H-32B-TPR										
4"inch wire rod TPR active wheel	18H-100S-32-TPR										
4"inch wire rod TPR activity double brake wheel	18H-100S-32S-TPR										
4"inch wire rod TPR activity side brake wheel	18H-100S-32B-TPR										
4"inch top hole TPR movable wheel	18H-100D-32-TPR										
4"inch top hole TPR movable double brake wheel	18H-100D-32S-TPR										
4"inch top hole TPR movable side brake wheel	18H-100D-32B-TPR										
5"inch fixed TPR round	18H-125G-32-TPR	125(5)	32	180	155	M12×25	Ø12.5	105 double brake 120	Fixed straight rolling resistance coefficient μ_1 0.0366	Steering resistance coefficient μ_2 0.0619	
5"inch flat bottomed TPR round	18H-125H-32-TPR										
5"inch flat bottomed TPR double brake wheel	18H-125H-32S-TPR										
5"inch flat bottomed TPR moving side brake wheel	18H-125H-32B-TPR										
5"inch wire rod TPR active wheel	18H-12S-32-TPR										
5"inch wire rod TPR activity double brake wheel	18H-125S-32S-TPR										
5"inch wire rod TPR activity side brake wheel	18H-125S-32B-TPR										
5"inch top hole TPR movable wheel	18H-125D-32-TPR										
5"inch top hole TPR movable double brake wheel	18H-125D-32S-TPR										
5"inch top hole TPR movable side brake wheel	18H-125D-32B-TPR										

18L Medium-duty Polypropylene (PP) Manganese Steel Caster Wheel Series

Zhuoye manganese steel casters



- The thickness of the base plate is 3.5mm
- Installation dimensions: (A) 78x45 (B) 71x45
- Mounting hole diameter 8.2mm



Adjustable square board with movable wheels

- The thickness of the base plate is 3.5mm
- Installation dimensions: (A) 81.5*68 (B) 88.74
- Mounting hole diameter 10.5mm

Patented product. Counterfeiting will be prosecuted

Product advantage description:

1. The single wheel is made of polypropylene material and is molded in one piece, featuring impact resistance, heavy-duty durability, acid and alkali resistance, and fatigue resistance.
2. The bracket is made of high-quality iron plate, and the upper and lower tracks of the bead plate are made of manganese steel, which has undergone special processing to make Zhuoye manganese steel casters more effortless to push and more durable.
3. The grease for the caster wave plate and bearing is molybdenum disulfide-based lubricating grease, which has excellent extreme pressure and anti-wear properties, low friction coefficient, strong load-bearing capacity; good metal surface adsorption and rust resistance, wide operating temperature range; excellent water washout resistance and corrosion resistance, good oxidation resistance; even if it dries, it still has lubricating effect, ensuring that Zhuoye manganese steel casters have a much longer service life compared to traditional casters.
4. According to the test results from a third-party organization, the appearance grade of the caster surface after powder coating treatment can reach Grade 8; the appearance grade of traditional caster surface after electrophoresis treatment reaches Grade 2; the appearance grade of traditional surface after galvanizing treatment reaches Grade 1 (see Figure 1 for details)

Advantages of Zhuoye manganese steel casters over ordinary casters:

Figure 1



Zhuoye manganese steel casters with square plate -s are more wear-resistant

The traditional castor square plate is severely worn

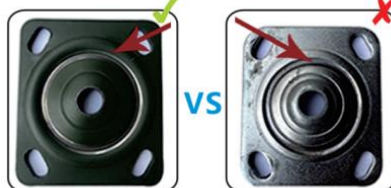


Figure 2

Zhuoye manganese steel casters make pushing easier

Traditional casters require a lot of effort to push



Load capacity of 520KG weights



Load capacity of 520KG weights

18L Medium-duty Polypropylene (PP) Manganese Steel Caster Wheel Series

Product name	Number	 wheel diameter (mm)	 wheel width (mm)	 Load capacity (kg)	 installation height (mm)	 Lead screw specifications (mm)	 Top hole specification (mm)	 Radius of gyration (mm)	Straight rolling drive	Steering driving force	 single-turn material
2.5"Fixed PP wheel	18L-63G-32-PP	63(2½)	32	100	95.5	M12×25	Ø12.5	68.5 double brake 120	Fixed straight rolling resistance coefficient μ_1 0.033	Steering resistance coefficient μ_2 0.0445	Polypropylene (PP) DIN wear resis- tance coeffic- ient 21mm³
2.5"Flat bottomed PP activity wheel	18L-63H-32-PP										
2.5"Flat bottom PP activity double brake wheel	18L-63H-32S-PP										
2.5"Flat bottom PP activity side brake wheel	18L-63H-32B-PP										
2.5"PP wheel of wire rod	18L-63S-32-PP										
2.5"PP double brake wheel	18L-63S-32S-PP										
2.5"Wire rod PP active side brake wheel	18L-63S-32B-PP										
2.5"Top hole PP activity wheel	18L-63D-32-PP										
2.5"Top hole PP activity double brake wheel	18L-63D-32S-PP										
2.5"Top hole PP active side brake wheel	18L-63D-32B-PP										
3"Fixed PP wheel	18L-75G-32-PP	75(3)	32	120	105	M12×25	Ø12.5	75.5 double brake 120	Fixed straight rolling resistance coefficient μ_1 0.038	Steering resistance coefficient μ_2 0.052	
3"Flat bottomed PP activity wheel	18L-75H-32-PP										
3"Flat bottom PP activity double brake wheel	18L-75H-32S-PP										
3"Flat bottom PP activity side brake wheel	18L-75H-32B-PP										
3"PP wheel of wire rod	18L-75S-32-PP										
3"PP double brake wheel	18L-75S-32S-PP										
3"Wire rod PP active side brake wheel	18L-75S-32B-PP										
3"Top hole PP activity wheel	18L-75D-32-PP										
3"Top hole PP activity double brake wheel	18L-75D-32S-PP										
3"Top hole PP active side brake wheel	18L-75D-32B-PP										
4"Fixed PP wheel	18L-100G-32-PP	100(4)	32	160	132	M12×25	Ø12.5	85.5 double brake 120	Fixed straight rolling resistance coefficient μ_1 0.0322	Steering resistance coefficient μ_2 0.0428	
4"Flat bottomed PP activity wheel	18L-100H-32-PP										
4"Flat bottom PP activity double brake wheel	18L-100H-32S-PP										
4"Flat bottom PP activity side brake wheel	18L-100H-32B-PP										
4"PP wheel of wire rod	18L-100S-32-PP										
4"PP double brake wheel	18L-100S-32S-PP										
4"Wire rod PP active side brake wheel	18L-100S-32B-PP										
4"Top hole PP activity wheel	18L-100D-32-PP										
4"Top hole PP activity double brake wheel	18L-100D-32S-PP										
4"Top hole PP active side brake wheel	18L-100D-32B-PP										
5"Fixed PP wheel	18L-125G-32-PP	125(5)	32	180	155	M12×25	Ø12.5	105 double brake 120	Fixed straight rolling resistance coefficient μ_1 0.0285	Steering resistance coefficient μ_2 0.0385	
5"Flat bottomed PP activity wheel	18L-125H-32-PP										
5"Flat bottom PP activity double brake wheel	18L-125H-32S-PP										
5"Flat bottom PP activity side brake wheel	18L-125H-32B-PP										
5"PP wheel of wire rod	18L-125S-32-PP										
5"PP double brake wheel	18L-125S-32S-PP										
5"Wire rod PP active side brake wheel	18L-125S-32B-PP										
5"Top hole PP activity wheel	18L-125D-32-PP										
5"Top hole PP activity double brake wheel	18L-125D-32S-PP										
5"Top hole PP active side brake wheel	18L-125D-32B-PP										

19A Medium-duty Polyurethane (TPU) Caster Wheel Series

Product name	Number	wheel diameter (mm)	wheel width (mm)	Load capacity (kg)	installation height (mm)	Lead screw specifications (mm)	base plate size	installation dimensions (mm)	mounting hole (mm)	single-turn material
2"TPU Fixed wheel	19A-50G-25-TPU	50(2)	26	100	76	M10 × 25	(C)70 × 51	(A)55 × 35 (B)49 × 35	(D)8.5	Polyurethane (TPU) DIN wear resistance coefficient 25mm ³
2"Flat TPU Movable wheel	19A-50H-25-TPU									
2"Flat TPU Activity double brake wheel	19A-50H-25S-TPU									
2"Wire rod TPU Movable wheel	19A-50S-25-TPU									
2"Wire rod TPU Activity double brake wheel	19A-50S-25S-TPU									
2"Black TPU Fixed wheel	19AH-50G-25-TPU									
2"Black Flat TPU Movable wheel	19AH-50H-25-TPU									
2"Black Flat TPU Activity double brake wheel	19AH-50H-25S-TPU									
2"Black Wire rod TPU Movable wheel	19AH-50S-25-TPU									
2"Black wire rod TPU activity double brake wheel	19AH-50S-25S-TPU									

19C Medium-duty Rubber (BR) Caster Wheel Series

Product name	Number	wheel diameter (mm)	wheel width (mm)	Load capacity (kg)	installation height (mm)	Lead screw specifications (mm)	base plate size	installation dimensions (mm)	mounting hole (mm)	single-turn material
2"rubber Fixed wheel	19C-50G-25-BR	50(2)	26	100	76	M10 × 25	(C)70 × 51	(A)55 × 35 (B)49 × 35	(D)8.5	Rubber wheel (BR) DIN wear resistance coefficient 130mm ³
2"Flat rubber Movable wheel	19C-50H-25-BR									
2"Flat rubber Activity double brake wheel	19C-50H-25S-BR									
2"Wire rod rubber Movable wheel	19C-50S-25-BR									
2"Wire rod rubber Activity double brake wheel	19C-50S-25S-BR									

19E Medium-duty (TPR) Caster Wheel Series

Product name	Number	wheel diameter (mm)	wheel width (mm)	Load capacity (kg)	installation height (mm)	Lead screw specifications (mm)	base plate size	installation dimensions (mm)	mounting hole (mm)	single-turn material
2"TPR Fixed wheel	19E-50G-25-TPR	50(2)	26	100	76	M10 × 25	(C)70 × 51	(A)55 × 35 (B)49 × 35	(D)8.5	Thermoplastic Rubber (TPR) DIN wear resistance coefficient 102mm ³
2"Flat TPR Movable wheel	19E-50H-25-TPR									
2"Flat TPR Activity double brake wheel	19E-50H-25S-TPR									
2"Wire rod TPR movable wheel	19E-50S-25-TPR									
2"Wire rod TPR Activity double brake wheel	19E-50S-25S-TPR									

Zhuoye manganese steel casters



(19A)



(19AH)



(19C)



(19E)

20B Medium Heavy Duty Low Gravity Nylon (PA6) Caster Wheel Series

Product name	Number	 wheel diameter (mm)	 wheel width (mm)	 Load capacity (kg)	 installation height (mm)	 bearing	 Radius of gyration (mm)	Straight rolling drive	Steering driving force	 single-turn material
2" Medium Heavy Duty Low Gravity PA6 Nylon Fixed Wheel	20B-50G-2*24-PA6	50	2*24 double wheel profile	250	84	 four ball bearings (6200)	55.5	Fixed straight rolling resistance coefficient μ_1 0.041	Steering resistance coefficient μ_2 0.082	Nylon wheel (Pa6) DIN wear resistance coefficient 21mm ¹
2" Medium Heavy Duty Low Gravity PA6 Nylon Swivel two-Wheel	20B-50H-2*24-PA6									
2.5" Medium Heavy Duty Low Gravity PA6 Nylon Fixed Wheel	20B-63G-50-PA6	63	50	500	97	 four ball bearings (6202)	59	Fixed straight rolling resistance coefficient μ_1 0.032	0.041 Steering resistance coefficient μ_2 0.046	
2.5" Medium Heavy Duty Low Gravity PA6 Nylon Swivel Wheel	20B-63H-50-PA6									
2.5" Medium-Duty PA6 Swivel BrakeWheel	20B-63H-50S-PA6									
3" Medium Heavy Duty Low Gravity PA6 Nylon Fixed Wheel	20B-75G-50-PA6	75	50	600	110	 four ball bearings (6203)	73	Fixed straight rolling resistance coefficient μ_1 0.045	Steering resistance coefficient μ_2 0.090	
3" Medium Heavy Duty Low Gravity PA6 Nylon Swivel Wheel	20B-75H-50-PA6									
3" Medium-Duty PA6 Swivel BrakeWheel	20B-75H-50S-PA6									

The odds of butter with MoS2 lithium grease, so that the odds of a longer service life, better lubricating performance.

After testing by third party mechanism, the appearance of the castor surface is up to 8. The appearance of the traditional casters is 2, and the appearance of the traditional galvanized surface is 1.

- The thickness of the base plate is 5.0mm
- Installation dimensions: (A) 86*60mm
- Mounting hole diameter 10.2mm



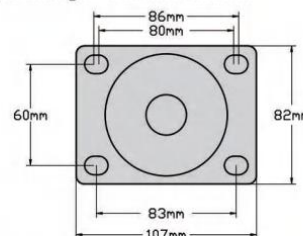
3 inches



2.5 inches



2 inches



Patented product. Counterfeiting will be prosecuted

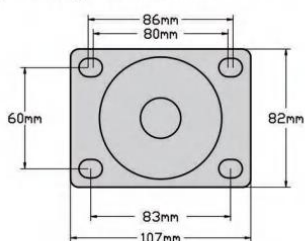
20B Medium Heavy Duty Low Gravity Nylon (MC) Caster Wheel Series

Product name	Number	 wheel diameter	 wheel width	 Load capacity (kg)	 installation height	 bearing	 Radius of gyration	Straight rolling drive	Steering driving force	 single-turn material
2" Medium Heavy Duty Low Gravity MC Nylon Fixed Wheel	20B-50G-50-MC	50	50	300	83	 four ball bearings (6200)	55.5	Fixed straight rolling resistance coefficient μ_1 0.034	Steering resistance coefficient μ_2 0.068	Nylon wheel (MC) DIN wear resistance coefficient 21mm ¹
2" Medium Heavy Duty Low Gravity MC Nylon Swivel Wheel	20B-50H-50-MC									
2.5" Medium Heavy Duty Low Gravity MC Nylon Fixed Wheel	20B-63G-50-MC	63	50	600	96	 four ball bearings (6202)	59	Fixed straight rolling resistance coefficient μ_1 0.030	Steering resistance coefficient μ_2 0.042	
2.5" Medium Heavy Duty Low Gravity MC Nylon Swivel Wheel	20B-63H-50-MC									
2.5" Medium Heavy Duty Low Gravity MC movable double brake wheel	20B-63H-50S-MC									
3" Medium Heavy Duty Low Gravity MC Nylon Fixed Wheel	20B-75G-50-MC	75	50	900	109	 four ball bearings (6203)	73	Fixed straight rolling resistance coefficient μ_1 0.043	Steering resistance coefficient μ_2 0.076	
3" Medium Heavy Duty Low Gravity MC Nylon Swivel Wheel	20B-75H-50-MC									
3" Medium Heavy Duty Low Gravity MC movable double brake wheel	20B-75H-50S-MC									

- The thickness of the base plate is 5.0mm
- Installation dimensions: (A) 86*60mm
- Mounting hole diameter 10.2mm

The odds of butter with MoS2 lithium grease, so that the odds of a longer service life, better lubricating performance.

After testing by third party mechanism, the appearance of the castor surface is up to 8. The appearance of the traditional casters is 2, and the appearance of the traditional galvanized surface is 1.



Zhuoye manganese steel casters



3 inches



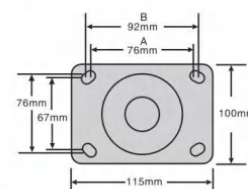
2.5 inches



2 inches

21A Heavy-duty (TPU) Caster Wheel Series

Product name	Number	wheel diameter (mm)	wheel width (mm)	Load capacity (kg)	Installation height (mm)	bearing	Radius of gyration (mm)	Straight rolling drive	Steering driving force	single-turn material
4"TPU Fixed wheel	21A-100G-45-TPU	100(4)	45	260	143	double ball (6202)	102 double brake 155	Fixed straight rolling resistance coefficient μ_1 0.04	Steering resistance coefficient μ_2 0.06	Polyurethane (TPU) DIN wear resistance coefficient 25mm ³
4"TPU Movable wheel	21A-100H-45-TPU									
4"TPU Activity double brake wheel	21A-100H-45S-TPU									
4"TPU Movable side brake wheel	21A-100H-45B-TPU									
5"TPU Fixed wheel	21A-125G-45-TPU	125(5)	45	320	162	double ball (6202)	109 double brake 155	Fixed straight rolling resistance coefficient μ_1 0.04	Steering resistance coefficient μ_2 0.06	Polyurethane (TPU) DIN wear resistance coefficient 25mm ³
5"TPU Movable wheel	21A-125H-45-TPU									
5"TPU Activity double brake wheel	21A-125H-45S-TPU									
5"TPU Movable side brake wheel	21A-125H-45B-TPU									
6"TPU Fixed wheel	21A-150G-45-TPU	150(6)	45	400	190	double ball (6202)	123 double brake 155	Fixed straight rolling resistance coefficient μ_1 0.03	Steering resistance coefficient μ_2 0.048	Polyurethane (TPU) DIN wear resistance coefficient 25mm ³
6"TPU Movable wheel	21A-150H-45-TPU									
6"TPU Activity double brake wheel	21A-150H-45S-TPU									
6"TPU Movable side brake wheel	21A-150H-45B-TPU									
8"TPU Fixed wheel	21A-200G-45-TPU	200(8)	45	410	237	double ball (6202)	168 double brake 182	Fixed straight rolling resistance coefficient μ_1 0.03	Steering resistance coefficient μ_2 0.05	Polyurethane (TPU) DIN wear resistance coefficient 25mm ³
8"TPU Movable wheel	21A-200H-45-TPU									
8"TPU Activity double brake wheel	21A-200H-45S-TPU									
8"TPU Movable side brake wheel	21A-200H-45B-TPU									



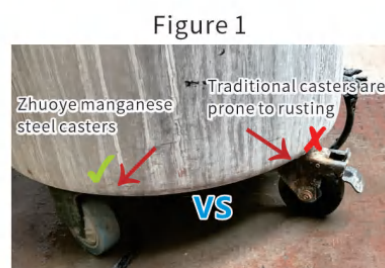
- The thickness of the base plate is 5.5mm
- Installation dimensions: (A) 76x76 (B) 92x67
- Mounting hole diameter 11.2mm

Patented product. Counterfeiting will be prosecuted

Product advantage description:

1. The single-wheel core is made of Taiwan polypropylene (PP) and wrapped with a special (TPU) polyurethane material, providing tear resistance, wear resistance, resilience, shock absorption, and oil resistance.
2. The bracket is made of high-quality iron plate, and the upper and lower tracks of the bead plate are made of manganese steel, which has undergone special processing to make Zhuoye manganese steel casters more effortless to push and more durable.
3. The grease used for the caster wave plate and bearings is molybdenum disulfide lithium base grease, which has excellent extreme pressure and anti-wear properties, low friction coefficient, strong load-bearing capacity; good metal surface adsorption and rust resistance, wide operating temperature range; excellent water washout resistance and corrosion resistance, good oxidation resistance; even if it dries, it still has lubricating effect, ensuring that Zhuoye manganese steel casters have a much longer service life than traditional casters.
4. According to the test results of a third-party organization, the appearance grade of the caster surface after powder coating treatment can reach Grade 8; the appearance grade of traditional caster surface after electrophoresis treatment reaches Grade 2; the appearance grade of traditional surface after galvanizing treatment reaches Grade 1 (see Figure 1 for details)

Advantages of Zhuoye manganese steel casters over ordinary casters:



Zhuoye manganese steel casters with square plate-s are more wear-resistant

The traditional castor square plate is severely worn



VS



Figure 2

Zhuoye manganese steel casters make pushing easier

Traditional casters require a lot of effort to push



VS



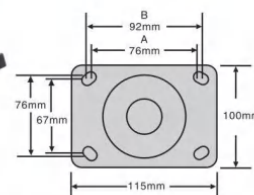
Load capacity of 520KG weights

Figure 3 Load capacity of 520KG weights

21AH Heavy-duty Black Polyurethane (TPU) Series

Product name	Number	wheel diameter (mm)	wheel width (mm)	Load capacity (kg)	installation height (mm)	bearing	Radius of gyration (mm)	Straight rolling drive	Steering driving force	single-turn material
4"TPU Fixed wheel	21AH-100G-45-TPU	100(4)	45	260	143	double ball (6202)	102 double brake 155	Fixed straight rolling resistance coefficient μ_1 0.04	Steering resistance coefficient μ_2 0.06	Polyurethane (TPU) DIN wear resistance coefficient 25mm ³
4"TPU Movable wheel	21AH-100H-45-TPU									
4"TPU Activity double brake wheel	21AH-100H-45S-TPU									
4"TPU Movable side brake wheel	21AH-100H-45B-TPU									
5"TPU Fixed wheel	21AH-125G-45-TPU	125(5)	45	320	162	double ball (6202)	109 double brake 155	Fixed straight rolling resistance coefficient μ_1 0.04	Steering resistance coefficient μ_2 0.06	Polyurethane (TPU) DIN wear resistance coefficient 25mm ³
5"TPU Movable wheel	21AH-125H-45-TPU									
5"TPU Activity double brake wheel	21AH-125H-45S-TPU									
5"TPU Movable side brake wheel	21AH-125H-45B-TPU									
6"TPU Fixed wheel	21AH-150G-45-TPU	150(6)	45	400	190	double ball (6202)	123 double brake 155	Fixed straight rolling resistance coefficient μ_1 0.03	Steering resistance coefficient μ_2 0.048	Polyurethane (TPU) DIN wear resistance coefficient 25mm ³
6"TPU Movable wheel	21AH-150H-45-TPU									
6"TPU Activity double brake wheel	21AH-150H-45S-TPU									
6"TPU Movable side brake wheel	21AH-150H-45B-TPU									
8"TPU Fixed wheel	21AH-200G-45-TPU	200(8)	45	410	237	double ball (6202)	168 double brake 182	Fixed straight rolling resistance coefficient μ_1 0.03	Steering resistance coefficient μ_2 0.05	Polyurethane (TPU) DIN wear resistance coefficient 25mm ³
8"TPU Movable wheel	21AH-200H-45-TPU									
8"TPU Activity double brake wheel	21AH-200H-45S-TPU									
8"TPU Movable side brake wheel	21AH-200H-45B-TPU									

Zhuoye manganese steel casters



- The thickness of the base plate is 5.5mm
- Installation dimensions: (A) 76x76 (B) 92x67
- Mounting hole diameter 11.2mm

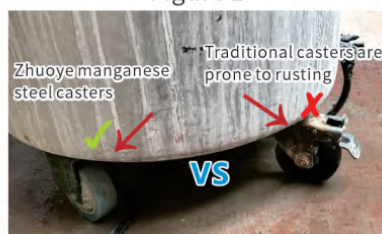
Patented product. Counterfeiting will be prosecuted

Product advantage description:

1. The single-wheel core is made of Taiwan polypropylene (PP) and wrapped with a special (TPU) polyurethane material, providing tear resistance, wear resistance, resilience, shock absorption, and oil resistance.
2. The bracket is made of high-quality iron plate, and the upper and lower tracks of the bead plate are made of manganese steel, which has undergone special processing to make Zhuoye manganese steel casters more effortless to push and more durable.
3. The grease used for the caster wave plate and bearings is molybdenum disulfide lithium base grease, which has excellent extreme pressure and anti-wear properties, low friction coefficient, strong load-bearing capacity; good metal surface adsorption and rust resistance, wide operating temperature range; excellent water washout resistance and corrosion resistance, good oxidation resistance; even if it dries, it still has lubricating effect, ensuring that Zhuoye manganese steel casters have a much longer service life than traditional casters.
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Advantages of Zhuoye manganese steel casters over ordinary casters:

Figure 1



Zhuoye manganese steel casters with square plate -s are more wear-resistant

The traditional castor square plate is severe -ly worn

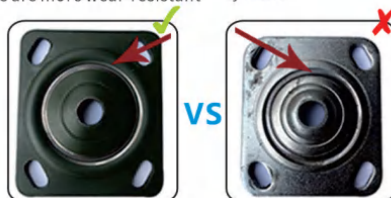
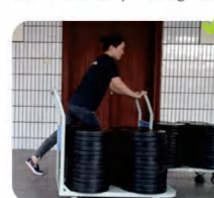


Figure 2

Zhuoye manganese steel casters make pushing easier

Traditional casters require a lot of effort to push



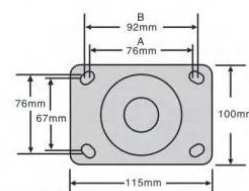
Load capacity of 520KG weights

Load capacity of 520KG weights

21B Heavy-duty Nylon(PA6) Caster Wheel Series

Product name	Number	wheel diameter (mm)	wheel width (mm)	Load capacity (kg)	installation height (mm)	bearing	Radius of gyration (mm)	Straight rolling drive	Steering driving force	single-turn material
4"Nylon fixed wheel	21B-100G-45-PA6	100(4)	45	450	143	double ball (6202)	102 double brake 155	Fixed straight rolling resistance coefficient μ_1 0.039	Steering resistance coefficient μ_2 0.048	Nylon wheel (Pa6) DIN wear resistance coefficient 21mm ³
4"Nylon wheel	21B-100H-45-PA6									
4"Nylon activity double brake wheel	21B-100H-45S-PA6									
4"Nylon movable wheel	21B-100H-45B-PA6									
5"Nylon fixed wheel	21B-125G-45-PA6	125(5)	45	500	162	double ball (6202)	109 double brake 155	Fixed straight rolling resistance coefficient μ_1 0.036	Steering resistance coefficient μ_2 0.051	Nylon wheel (Pa6) DIN wear resistance coefficient 21mm ³
5"Nylon wheel	21B-125H-45-PA6									
5"Nylon activity double brake wheel	21B-125H-45S-PA6									
5"Nylon movable wheel	21B-125H-45B-PA6									
6"Nylon fixed wheel	21B-150G-45-PA6	150(6)	45	600	190	double ball (6203)	123 double brake 155	Fixed straight rolling resistance coefficient μ_1 0.029	Steering resistance coefficient μ_2 0.034	Nylon wheel (Pa6) DIN wear resistance coefficient 21mm ³
6"Nylon wheel	21B-150H-45-PA6									
6"Nylon activity double brake wheel	21B-150H-45S-PA6									
6"Nylon movable wheel	21B-150H-45B-PA6									
8"Nylon fixed wheel	21B-200G-45-PA6	200(8)	45	610	237	double ball (6203)	168 double brake 182	Fixed straight rolling resistance coefficient μ_1 0.033	Steering resistance coefficient μ_2 0.035	Nylon wheel (Pa6) DIN wear resistance coefficient 21mm ³
8"Nylon wheel	21B-200H-45-PA6									
8"Nylon activity double brake wheel	21B-200H-45S-PA6									
8"Nylon movable wheel	21B-200H-45B-PA6									

Zhuoye manganese steel casters



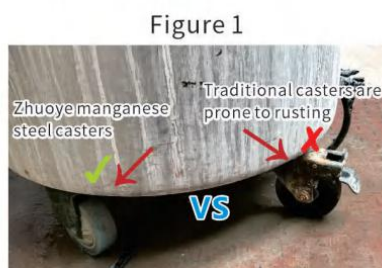
- The thickness of the base plate is 5.5mm
- Installation dimensions: (A)76x76 (B) 92x67
- Mounting hole diameter 11.2mm

Patented product. Counterfeiting will be prosecuted

Product advantage description:

1. The single wheel is made of nylon (PA6) material and is molded in one piece. Nylon PA6 has high load-bearing strength, good tensile strength, toughness, compressive strength, and excellent friction resistance.
2. The bracket and the upper and lower tracks of the bead plate are made of high-quality iron plates and manganese steel, which has undergone special processing to make the Zhuoye manganese steel casters more effortless to push and more durable.
3. The grease for the castor wave plate and bearing is molybdenum disulfide lithium base grease, which has excellent extreme pressure and anti-wear properties, low friction coefficient, strong load-bearing capacity; excellent metal surface adsorption and rust resistance, wide operating temperature range; excellent water washout resistance and corrosion resistance, good oxidation resistance; even after drying, it still has lubricating effect, ensuring that Zhuoye manganese steel casters have a much longer service life than traditional casters.
4. According to the test results from a third-party organization, the appearance grade of the castor surface after powder coating treatment can reach Grade 8; the appearance grade of traditional casters after electrophoresis treatment reaches Grade 2; the appearance grade of traditional surface galvanizing treatment reaches Grade 1 (see Figure 1 for details)

Advantages of Zhuoye manganese steel casters over ordinary casters:



Zhuoye manganese steel casters with square plate-s are more wear-resistant

The traditional castor square plate is severely worn

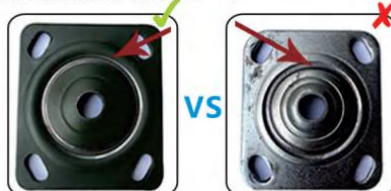


Figure 2

Zhuoye manganese steel casters make pushing easier

Traditional casters require a lot of effort to push



Load capacity of 520KG weights

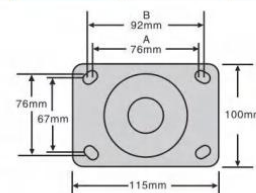
Figure 3

Load capacity of 520KG weights

21C Heavy-duty Nylon (MC) Caster Wheel Series

Product name	Number	wheel diameter (mm)	wheel width (mm)	Load capacity (kg)	installation height (mm)	bearing	Radius of gyration (mm)	Straight rolling drive	Steering driving force	single-turn material
4"Nylon fixed wheel	21C-100G-50-MC	100(4)	50	450	143	double ball (6204)	102 double brake 155	Fixed straight rolling resistance coefficient $\mu 1$ 0.038	Steering resistance coefficient $\mu 2$ 0.042	Nylon wheel (MC) DIN wear resistance coefficient 21mm ³
4"Nylon wheel	21C-100H-50-MC									
4"Nylon activity double brake wheel	21C-100H-50S-MC									
4"Nylon movable wheel	21C-100H-50B-MC									
5"Nylon fixed wheel	21C-125G-50-MC	125(5)	50	500	162	double ball (6204)	109 double brake 155	Fixed straight rolling resistance coefficient $\mu 1$ 0.035	Steering resistance coefficient $\mu 2$ 0.045	Nylon wheel (MC) DIN wear resistance coefficient 21mm ³
5"Nylon wheel	21C-125H-50-MC									
5"Nylon activity double brake wheel	21C-125H-50S-MC									
5"Nylon movable wheel	21C-125H-50B-MC									
6"Nylon fixed wheel	21C-150G-50-MC	150(6)	50	600	190	double ball (6204)	123 double brake 155	Fixed straight rolling resistance coefficient $\mu 1$ 0.029	Steering resistance coefficient $\mu 2$ 0.036	Nylon wheel (MC) DIN wear resistance coefficient 21mm ³
6"Nylon wheel	21C-150H-50-MC									
6"Nylon activity double brake wheel	21C-150H-50S-MC									
6"Nylon movable wheel	21C-150H-50B-MC									
8"Nylon fixed wheel	21C-200G-50-MC	200(8)	50	610	237	double ball (6204)	168 double brake 182	Fixed straight rolling resistance coefficient $\mu 1$ 0.029	Steering resistance coefficient $\mu 2$ 0.04	Nylon wheel (MC) DIN wear resistance coefficient 21mm ³
8"Nylon wheel	21C-200H-50-MC									
8"Nylon activity double brake wheel	21C-200H-50S-MC									
8"Nylon movable wheel	21C-200H-50B-MC									

Zhuoye manganese steel casters



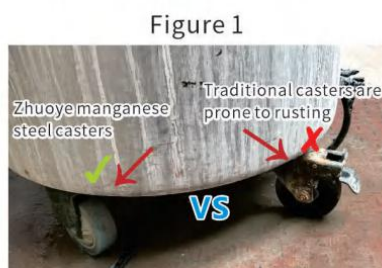
Patented product. Counterfeiting will be prosecuted

- The thickness of the base plate is 5.5mm
- Installation dimensions: (A)76x76 (B) 92x67
- Mounting hole diameter 11.2mm

Product advantage description:

1. The single wheel is made of MC nylon material. After being cast and molded, it undergoes machining. The molecular weight of MC nylon is twice that of PA6, so its mechanical properties, fatigue resistance, wear resistance, impact strength, and other properties are all more than twice better than those of PA6.
2. The large wave plate of the square plate of the caster bracket and the small wave plate are made of high-quality low-alloy steel plates and undergo special process treatment, making the Zhuoye manganese steel caster more effortless to push, More durable. (See Figure 2 and Figure 3 for details)
3. The grease used for the caster wave plate and bearings is molybdenum disulfide lithium-based grease, which exhibits excellent extreme pressure and anti-wear properties, low friction coefficient, and strong load-bearing capacity; it also boasts excellent metal surface adsorption and rust resistance, a wide operating temperature range, superior water washout resistance and corrosion resistance, as well as good antioxidant properties; even when dry, it retains lubricating effects and offers an extremely long service life.
4. According to the test results from a third-party organization, the appearance grade of the surface plastic spraying treatment of the casters can reach Grade 8; the appearance grade of the traditional surface electrophoresis treatment of the casters can reach Grade 2; and the appearance grade of the traditional surface galvanizing treatment of the casters can reach Grade 1. (See Figure 1 for details)

Advantages of Zhuoye manganese steel casters over ordinary casters:



Zhuoye manganese steel casters with square plate-s are more wear-resistant

The traditional castor square plate is severely worn

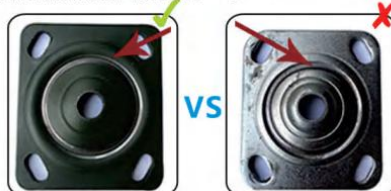


Figure 2

Zhuoye manganese steel casters make pushing easier

Traditional casters require a lot of effort to push



Load capacity of 520KG weights

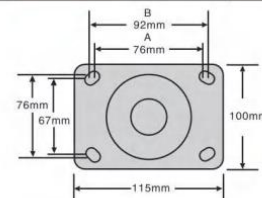


Load capacity of 520KG weights

21D Heavy-duty Rubber (BR) Caster Wheel Series

Product name	Number	wheel diameter (mm)	wheel width (mm)	Load capacity (kg)	installation height (mm)	bearing	Radius of gyration (mm)	Straight rolling drive	Steering driving force	single-turn material
4"Rubber fixed wheel	21D-100G-45-BR	100(4)	45	220	142	double ball (6202)	102 double brake 155	Fixed straight rolling resistance coefficient $\mu 1$ 0.032	Steering resistance coefficient $\mu 2$ 0.091	Rubber wheel (BR) DIN wear resistance coefficient 130mm ³
4"Rubber wheel	21D-100H-45-BR									
4"Rubber double brake wheel	21D-100H-45S-BR									
4"Rubber wheel brake wheel	21D-100H-45B-BR									
5"Rubber fixed wheel	21D-125G-45-BR	125(5)	45	290	161	double ball (6202)	109 double brake 155	Fixed straight rolling resistance coefficient $\mu 1$ 0.045	Steering resistance coefficient $\mu 2$ 0.061	Rubber wheel (BR) DIN wear resistance coefficient 130mm ³
5"Rubber wheel	21D-125H-45-BR									
5"Rubber double brake wheel	21D-125H-45S-BR									
5"Rubber wheel brake wheel	21D-125H-45B-BR									
6"Rubber fixed wheel	21D-150G-45-BR	150(6)	45	350	188	double ball (6202)	123 double brake 155	Fixed straight rolling resistance coefficient $\mu 1$ 0.041	Steering resistance coefficient $\mu 2$ 0.067	Rubber wheel (BR) DIN wear resistance coefficient 130mm ³
6"Rubber wheel	21D-150H-45-BR									
6"Rubber double brake wheel	21D-150H-45S-BR									
6"Rubber wheel brake wheel	21D-150H-45B-BR									
8"Rubber fixed wheel	21D-200G-45-BR	200(8)	45	380	236	double ball (6202)	168 double brake 182	Fixed straight rolling resistance coefficient $\mu 1$ 0.039	Steering resistance coefficient $\mu 2$ 0.094	Rubber wheel (BR) DIN wear resistance coefficient 130mm ³
8"Rubber wheel	21D-200H-45-BR									
8"Rubber double brake wheel	21D-200H-45S-BR									
8"Rubber wheel brake wheel	21D-200H-45B-BR									

Zhuoye manganese steel casters



Patented product. Counterfeiting will be prosecuted

- The thickness of the base plate is 5.5mm
- Installation dimensions: (A) 76x76 (B) 92x67
- Mounting hole diameter 11.2mm

Product advantage description:

1. The single wheel is made of high-elasticity natural rubber material, and the inner core is made of nylon (BR), featuring excellent properties such as wear resistance, shock absorption, and noise reduction.
2. The bracket is made of high-quality iron plate, and the upper and lower tracks of the bead disc are made of manganese steel. After special processing, the Zhuoye manganese steel casters provide more effortless and durable pushing.
3. The grease for the castor wave disc and bearing is molybdenum disulfide lithium-based grease, which has excellent extreme pressure and anti-wear properties, low friction coefficient, strong load-bearing capacity; good metal surface adsorption and rust resistance, wide operating temperature range; excellent water washout resistance and corrosion resistance, good oxidation resistance; even if it dries, it still has lubricating effect, ensuring that Zhuoye manganese steel casters have a much longer service life than traditional casters.
4. According to the test results from a third-party organization, the appearance grade of the castor surface after powder coating treatment can reach Grade 8; the appearance grade of traditional casters after electrophoresis treatment reaches Grade 2; the appearance grade of traditional surface galvanizing treatment reaches Grade 1 (see Figure 1 for details)

Advantages of Zhuoye manganese steel casters over ordinary casters:

Figure 1



Zhuoye manganese steel casters with square plate -s are more wear-resistant

The traditional castor square plate is severe -ly worn

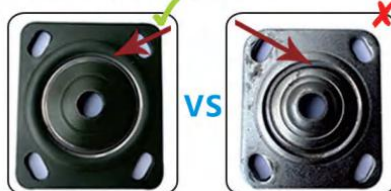


Figure 2

Zhuoye manganese steel casters make pushing easier

Traditional casters require a lot of effort to push



Load capacity of 520KG weights



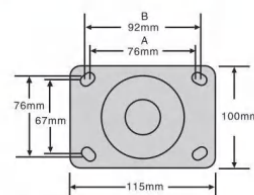
Load capacity of 520KG weights

Figure 3

21E Heavy-duty Polypropylene (PP) Caster Wheel Series

Product name	Number	wheel diameter (mm)	wheel width (mm)	Load capacity (kg)	installation height (mm)	bearing	Radius of gyration (mm)	Straight rolling drive	Steering driving force	single-turn material
4"PP fixed wheel	21E-100G-49-PP	100(4)	49	360	143	double ball (6202)	102 double brake 155	固定直行滚动阻力 μ 1 0.03 Fixed straight rolling resistance coefficient μ 1 0.03	转向阻力系数 μ 2 0.04 Steering resistance coefficient μ 2 0.04	Polypropylene (PP) DIN wear resistance coefficient 53mm ³
4"PP activity wheel	21E-100H-49-PP									
4"PP activity double brake wheel	21E-100H-49S-PP									
4"PP active side brake wheel	21E-100H-49B-PP									
5"PP fixed wheel	21E-125G-49-PP	125(5)	49	420	162	double ball (6202)	109 double brake 155	固定直行滚动阻力 μ 1 0.034 Fixed straight rolling resistance coefficient μ 1 0.034	转向阻力系数 μ 2 0.046 Steering resistance coefficient μ 2 0.046	Polypropylene (PP) DIN wear resistance coefficient 53mm ³
5"PP activity wheel	21E-125H-49-PP									
5"PP activity double brake wheel	21E-125H-49S-PP									
5"PP active side brake wheel	21E-125H-49B-PP									
6"PP fixed wheel	21E-150G-49-PP	150(6)	49	500	190	double ball (6202)	123 double brake 155	固定直行滚动阻力 μ 1 0.045 Fixed straight rolling resistance coefficient μ 1 0.045	转向阻力系数 μ 2 0.055 Steering resistance coefficient μ 2 0.055	Polypropylene (PP) DIN wear resistance coefficient 53mm ³
6"PP activity wheel	21E-150H-49-PP									
6"PP activity double brake wheel	21E-150H-49S-PP									
6"PP active side brake wheel	21E-150H-49B-PP									
8"PP fixed wheel	21E-200G-49-PP	200(8)	49	510	237	double ball (6202)	168 double brake 182	固定直行滚动阻力 μ 1 0.03 Fixed straight rolling resistance coefficient μ 1 0.03	转向阻力系数 μ 2 0.033 Steering resistance coefficient μ 2 0.033	Polypropylene (PP) DIN wear resistance coefficient 53mm ³
8"PP activity wheel	21E-200H-49-PP									
8"PP activity double brake wheel	21E-200H-49S-PP									
8"PP active side brake wheel	21E-200H-49B-PP									

Zhuoye manganese steel casters



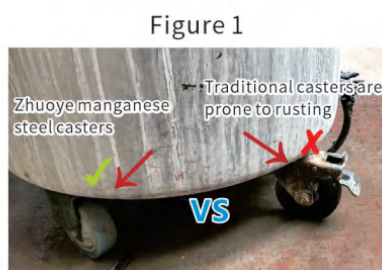
- The thickness of the base plate is 5.5mm
- Installation dimensions: (A) 76x76 (B) 92x92
- Mounting hole diameter 11.2mm

Patented product. Counterfeiting will be prosecuted

Product advantage description:

1. The single wheel is made of polypropylene material and is molded in one piece, featuring impact resistance, heavy-duty durability, acid and alkali resistance, and fatigue resistance.
2. The bracket is made of high-quality iron plate, and the upper and lower tracks of the bead plate are made of manganese steel that has undergone special processing, making the Zhuoye manganese steel casters more effortless to push and more durable.
3. The grease for the caster wave plate and bearing is molybdenum disulfide-based lubricating grease, which has excellent extreme pressure and anti-wear properties, low friction coefficient, strong load-bearing capacity; good metal surface adsorption and rust resistance, wide operating temperature range; excellent water washout resistance and corrosion resistance, good oxidation resistance; even if it dries, it still has lubricating effect, ensuring that Zhuoye manganese steel casters have a much longer service life than traditional casters.
4. According to the test results from a third-party organization, the appearance grade of the caster surface after powder coating treatment can reach Grade 8; the appearance grade of traditional caster surface after electrophoresis treatment reaches Grade 2; the appearance grade of traditional surface after galvanizing treatment reaches Grade 1 (see Figure 1 for details)

Advantages of Zhuoye manganese steel casters over ordinary casters:



Zhuoye manganese steel casters with square plate are more wear-resistant

The traditional castor square plate is severely worn

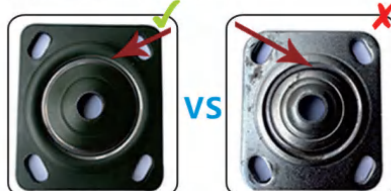


Figure 2

Zhuoye manganese steel casters make pushing easier

Traditional casters require a lot of effort to push



Load capacity of 520KG weights

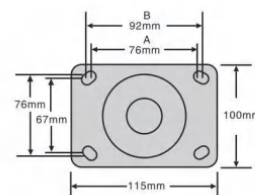


Load capacity of 520KG weights

21F Heavy-duty Curve Iron Core (PU) Caster Wheel Series

Product name	Number	wheel diameter (mm)	wheel width (mm)	Load capacity (kg)	installation height (mm)	bearing	Radius of gyration (mm)	Straight rolling drive	Steering driving force	single-turn material
4" Arc core fixed wheel	21F-100G-48-PU	100(4)	48	370	143	double ball (6203)	102 double brake 155	Fixed straight rolling resistance coefficient μ_1 0.034	Steering resistance coefficient μ_2 0.046	Iron core (PU) DIN wear resistance coefficient μ_2 0.046
4" Arc core wheel	21F-100H-48-PU									
4" Double brake wheel arc core activities	21F-100H-48S-PU									
4" The arc side brake wheel core activities	21F-100H-48B-PU									
5" Arc core fixed wheel	21F-125G-48-PU	125(5)	48	470	162	double ball (6203)	109 double brake 155	Fixed straight rolling resistance coefficient μ_1 0.037	Steering resistance coefficient μ_2 0.045	Iron core (PU) DIN wear resistance coefficient μ_2 0.045
5" Arc core wheel	21F-125H-48-PU									
5" Double brake wheel arc core activities	21F-125H-48S-PU									
5" The arc side brake wheel core activities	21F-125H-48B-PU									
6" Arc core fixed wheel	21F-150G-48-PU	150(6)	48	600	190	double ball (6203)	123 double brake 155	Fixed straight rolling resistance coefficient μ_1 0.036	Steering resistance coefficient μ_2 0.067	Iron core (PU) DIN wear resistance coefficient μ_2 0.067
6" Arc core wheel	21F-150H-48-PU									
6" Double brake wheel arc core activities	21F-150H-48S-PU									
6" The arc side brake wheel core activities	21F-150H-48B-PU									
8" Arc core fixed wheel	21F-200G-48-PU	200(8)	48	610	237	double ball (6203)	168 double brake 182	Fixed straight rolling resistance coefficient μ_1 0.022	Steering resistance coefficient μ_2 0.05	Iron core (PU) DIN wear resistance coefficient μ_2 0.05
8" Arc core wheel	21F-200H-48-PU									
8" Double brake wheel arc core activities	21F-200H-48S-PU									
8" The arc side brake wheel core activities	21F-200H-48B-PU									

Zhuoye manganese steel casters



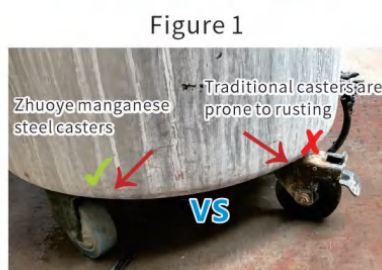
- The thickness of the base plate is 5.5mm
- Installation dimensions: (A) 76x76 (B) 92x92
- Mounting hole diameter 11.2mm

Patented product. Counterfeiting will be prosecuted

Product advantage description:

1. The single-wheel core is made of cast iron, and the wheel surface is made of high-strength poured polyurethane material, featuring excellent properties such as tear resistance, wear resistance, shock absorption, and cushioning.
2. The large wave plate of the square plate of the caster bracket, and the small wave plate are made of high-quality low-alloy steel plates and undergo special process treatment, making Zhuoye manganese steel casters easier to push and more durable. (See Figures 2 and 3 for details)
3. The grease used for the caster wheel wave plate and bearings is molybdenum disulfide lithium-based grease, which boasts excellent extreme pressure and anti-wear properties, low friction coefficient, strong load-bearing capacity; good metal surface adsorption and rust resistance, wide operating temperature range; superior water washout resistance and corrosion resistance, good antioxidant properties; even when dry, it still provides lubrication, ensuring an extremely long service life.
4. According to the test results from a third-party organization, the appearance grade of the surface plastic spraying treatment of the casters can reach Grade 8; the appearance grade of the traditional surface electrophoresis treatment of the casters can reach Grade 2; and the appearance grade of the traditional surface galvanizing treatment of the casters can reach Grade 1. (See Figure 1 for details)

Advantages of Zhuoye manganese steel casters over ordinary casters:



Zhuoye manganese steel casters with square plate are more wear-resistant

The traditional castor square plate is severely worn

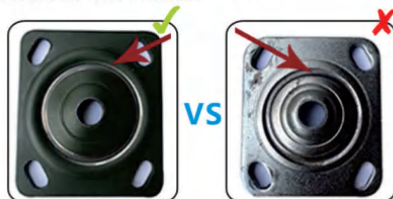


Figure 2

Zhuoye manganese steel casters make pushing easier

Traditional casters require a lot of effort to push



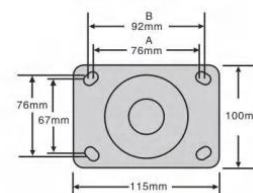
Load capacity of 520KG weights

Load capacity of 520KG weights

21FL Heavy-duty Curve Aluminum Core (PU) Caster Wheel Series

Product name	Number	wheel diameter (mm)	wheel width (mm)	Load capacity (kg)	Installation height (mm)	bearing	Radius of gyration (mm)	Straight rolling drive	Steering driving force	single-turn material
4" Curve Aluminum Core Fixed Caster Wheel	21FL-100G-48-PU	100(4)	48	407	143	double ball (6003)	102 double brake 155	Fixed straight rolling resistance coefficient $\mu 1$ 0.036	Steering resistance coefficient $\mu 2$ 0.045	Aluminum core (PU) DIN wear resistance coefficient 130mm ³
4" Curve Aluminum Core Swivel Caster Wheel	21FL-100H-48-PU									
4" Curve Aluminum Core Swivel With Brakes Caster Wheel	21FL-100H-48S-PU									
5" Curve Aluminum Core Fixed Caster Wheel	21FL-100G-48-PU	125(5)	48	517	162	double ball (6003)	109 double brake 155	Fixed straight rolling resistance coefficient $\mu 1$ 0.034	Steering resistance coefficient $\mu 2$ 0.046	Aluminum core (PU) DIN wear resistance coefficient 130mm ³
5" Curve Aluminum Core Swivel Caster Wheel	21FL-125H-48-PU									
5" Curve Aluminum Core Swivel With Brakes Caster Wheel	21FL-125H-48S-PU									
6" Curve Aluminum Core Fixed Caster Wheel	21FL-150G-48-PU	150(6)	48	660	190	double ball (6003)	123 double brake 155	Fixed straight rolling resistance coefficient $\mu 1$ 0.033	Steering resistance coefficient $\mu 2$ 0.049	Aluminum core (PU) DIN wear resistance coefficient 130mm ³
6" Curve Aluminum Core Swivel Caster Wheel	21FL-150H-48-PU									
6" Curve Aluminum Core Swivel With Brakes Caster Wheel	21FL-150H-48S-PU									
8" Curve Aluminum Core Fixed Caster Wheel	21FL-200G-48-PU	200(8)	48	671	237	double ball (6003)	168 double brake 182	Fixed straight rolling resistance coefficient $\mu 1$ 0.026	Steering resistance coefficient $\mu 2$ 0.033	Aluminum core (PU) DIN wear resistance coefficient 130mm ³
8" Curve Aluminum Core Swivel Caster Wheel	21FL-200H-48-PU									
8" Curve Aluminum Core Swivel With Brakes Caster Wheel	21FL-200H-48S-PU									

Zhuoye manganese steel casters



- The thickness of the base plate is 5.5mm
- Installation dimensions: (A) 76x76 (B) 92x67
- Mounting hole diameter 11.2mm

Patented product. Counterfeiting will be prosecuted

Product advantage description:

1. The single-wheel core is made of aluminum material, and the wheel surface is made of high-strength poured polyurethane material, featuring excellent properties such as tear resistance, wear resistance, shock absorption, and cushioning.
2. The large wave plate of the square plate of the caster bracket, and the small wave plate are made of high-quality low-alloy steel plates and undergo special process treatment, making Zhuoye manganese steel casters more effortless to push and more durable. (See Figure 2 and Figure 3 for details)
3. The grease used for the caster wheel wave disc and bearings is molybdenum disulfide lithium-based grease, which has excellent extreme pressure and anti-wear properties, low friction coefficient, strong load-bearing capacity, good metal surface adsorption and rust resistance, wide operating temperature range, excellent water washout resistance and corrosion resistance, good oxidation resistance, and lubricating effect even when dry, ensuring a long service life.
4. According to the test results from a third-party organization, the appearance grade of the surface coating treatment on the casters can reach Grade 8; the appearance grade of the traditional surface electrophoresis treatment on traditional casters can reach Grade 2; and the appearance grade of the traditional surface galvanizing treatment can reach Grade 1. (See Figure 1 for details)

Advantages of Zhuoye manganese steel casters over ordinary casters:



Zhuoye manganese steel casters with square plate-s are more wear-resistant

The traditional castor square plate is severely worn



Figure 2

Zhuoye manganese steel casters make pushing easier

Traditional casters require a lot of effort to push



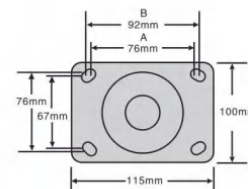
Load capacity of 520KG weights

Load capacity of 520KG weights

21G Heavy-duty Flat Iron Core (PU) Caster Wheel Series

Product name	Number	wheel diameter (mm)	wheel width (mm)	Load capacity (kg)	installation height (mm)	bearing	Radius of gyration (mm)	Straight rolling drive	Steering driving force	single-turn material
4"Flat core fixed wheel	21G-100G-50-PU	100(4)	50	370	143	double ball (6203)	102 double brake 155	Fixed straight rolling resistance coefficient $\mu 1$ 0.036	Steering resistance coefficient $\mu 2$ 0.045	Iron core (PU) DIN wear resistance coefficient 130mm ³
4"Planar core activity wheel	21G-100H-50-PU									
4"Planar core activity double brake wheel	21G-100H-50S-PU									
4"Planar core active side brake wheel	21G-100H-50B-PU									
5"Flat core fixed wheel	21G-125G-50-PU	125(5)	50	470	162	double ball (6203)	109 double brake 155	Fixed straight rolling resistance coefficient $\mu 1$ 0.034	Steering resistance coefficient $\mu 2$ 0.046	Iron core (PU) DIN wear resistance coefficient 130mm ³
5"Planar core activity wheel	21G-125H-50-PU									
5"Planar core activity double brake wheel	21G-125H-50S-PU									
5"Planar core active side brake wheel	21G-125H-50B-PU									
6"Flat core fixed wheel	21G-150G-50-PU	150(6)	50	600	190	double ball (6203)	123 double brake 155	Fixed straight rolling resistance coefficient $\mu 1$ 0.033	Steering resistance coefficient $\mu 2$ 0.049	Iron core (PU) DIN wear resistance coefficient 130mm ³
6"Planar core activity wheel	21G-150H-50-PU									
6"Planar core activity double brake wheel	21G-150H-50S-PU									
6"Planar core active side brake wheel	21G-150H-50B-PU									
8"Flat core fixed wheel	21G-200G-50-PU	200(8)	50	610	237	double ball (6203)	168 double brake 182	Fixed straight rolling resistance coefficient $\mu 1$ 0.026	Steering resistance coefficient $\mu 2$ 0.033	Iron core (PU) DIN wear resistance coefficient 130mm ³
8"Planar core activity wheel	21G-200H-50-PU									
8"Planar core activity double brake wheel	21G-200H-50S-PU									
8"Planar core active side brake wheel	21G-200H-50B-PU									

Zhuoye manganese steel casters



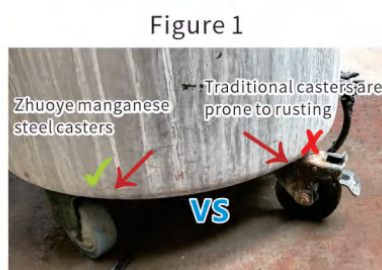
- The thickness of the base plate is 5.5mm
- Installation dimensions: (A) 76x76 (B) 92x92
- Mounting hole diameter 11.2mm

Patented product. Counterfeiting will be prosecuted

Product advantage description:

1. The single-wheel core is made of cast iron, and the wheel surface is made of high-strength poured polyurethane material, featuring excellent properties such as tear resistance, wear resistance, shock absorption, and cushioning.
2. The large wave plate of the square plate of the caster bracket, and the small wave plate are made of high-quality low-alloy steel plates and undergo special process treatment, making Zhuoye manganese steel casters easier to push and more durable. (See Figures 2 and 3 for details)
3. The grease used for the caster wheel wave plate and bearings is molybdenum disulfide lithium-based grease, which boasts excellent extreme pressure and anti-wear properties, low friction coefficient, strong load-bearing capacity; good metal surface adsorption and rust resistance, wide operating temperature range; superior water washout resistance and corrosion resistance, good antioxidant properties; even when dry, it still provides lubrication, ensuring an extremely long service life.
4. According to the test results from a third-party organization, the appearance grade of the surface plastic spraying treatment of the casters can reach Grade 8; the appearance grade of the traditional surface electrophoresis treatment of the casters can reach Grade 2; and the appearance grade of the traditional surface galvanizing treatment of the casters can reach Grade 1. (See Figure 1 for details)

Advantages of Zhuoye manganese steel casters over ordinary casters:



Zhuoye manganese steel casters with square plate-s are more wear-resistant

The traditional castor square plate is severely worn

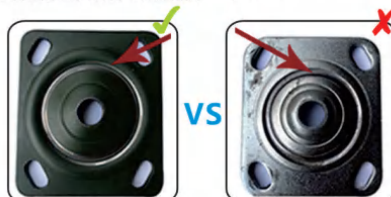


Figure 2

Zhuoye manganese steel casters make pushing easier

Traditional casters require a lot of effort to push



Load capacity of 520KG weights

Load capacity of 520KG weights

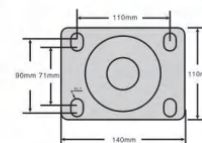
21GL Heavy-duty Flat Aluminum Core (PU) Caster Wheel Serie

Product name	Number	wheel diameter (mm)	wheel width (mm)	Load capacity (kg)	Installation height (mm)	bearing	Radius of gyration (mm)	Straight rolling drive	Steering driving force	single-turn material
4" Flat Aluminum Core Fixed Caster Wheel	21GL-100G-48-PU	100(4)	48	407	143	double ball (6003)	102 double brake 155	Fixed straight rolling resistance coefficient $\mu 1$ 0.036	Steering resistance coefficient $\mu 2$ 0.045	Aluminum core (PU) DIN wear resistance coefficient 130mm ³
4" Flat Aluminum Core Swivel Caster Wheel	21GL-100H-48-PU									
4" Flat Aluminum Core Swivel With Brakes Caster Wheel	21GL-100H-48S-PU									
5" Flat Aluminum Core Fixed Caster Wheel	21GL-125G-48-PU	125(5)	48	517	162	double ball (6003)	109 double brake 155	Fixed straight rolling resistance coefficient $\mu 1$ 0.034	Steering resistance coefficient $\mu 2$ 0.046	Aluminum core (PU) DIN wear resistance coefficient 130mm ³
5" Flat Aluminum Core Swivel Caster Wheel	21GL-125H-48-PU									
5" Flat Aluminum Core Swivel With Brakes Caster Wheel	21GL-125H-48S-PU									
6" Flat Aluminum Core Fixed Caster Wheel	21GL-150G-48-PU	150(6)	48	660	190	double ball (6003)	123 double brake 155	Fixed straight rolling resistance coefficient $\mu 1$ 0.033	Steering resistance coefficient $\mu 2$ 0.049	Aluminum core (PU) DIN wear resistance coefficient 130mm ³
6" Flat Aluminum Core Swivel Caster Wheel	21GL-150H-48-PU									
6" Flat Aluminum Core Swivel With Brakes Caster Wheel	21GL-150H-48S-PU									
8" Flat Aluminum Core Fixed Caster Wheel	21GL-200G-48-PU	200(8)	48	671	237	double ball (6003)	168 double brake 182	Fixed straight rolling resistance coefficient $\mu 1$ 0.026	Steering resistance coefficient $\mu 2$ 0.033	Aluminum core (PU) DIN wear resistance coefficient 130mm ³
8" Flat Aluminum Core Swivel Caster Wheel	21GL-200H-48-PU									
8" Flat Aluminum Core Swivel With Brakes Caster Wheel	21GL-200H-48S-PU									

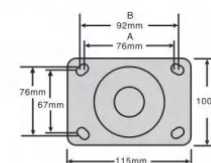
Zhuoye manganese steel casters



Patented product. Counterfeiting will be prosecuted



- 底板厚 5.5mm
- 安装尺寸: (A)110X90 (B)110X71
- 安装孔径 12.5mm

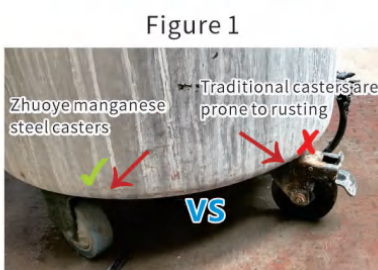


- 底板厚 5.5mm
- 安装尺寸: (A)76 x 76 (B)92 x 67
- 安装孔径 11.2mm

Product advantage description:

1. The single-wheel core is made of aluminum material, and the wheel surface is made of high-strength poured polyurethane material, featuring excellent properties such as tear resistance, wear resistance, shock absorption, and cushioning.
2. The large wave plate of the square plate of the caster bracket, and the small wave plate are made of high-quality low-alloy steel plates and undergo special process treatment, making Zhuoye manganese steel casters more effortless to push and more durable. (See Figure 2 and Figure 3 for details)
3. The grease used for the caster wheel wave disc and bearings is molybdenum disulfide lithium-based grease, which has excellent extreme pressure and anti-wear properties, low friction coefficient, strong load-bearing capacity, good metal surface adsorption and rust resistance, wide operating temperature range, excellent water washout resistance and corrosion resistance, good oxidation resistance, and lubricating effect even when dry, ensuring a long service life.
4. According to the test results from a third-party organization, the appearance grade of the surface coating treatment on the casters can reach Grade 8; the appearance grade of the traditional surface electrophoresis treatment on traditional casters can reach Grade 2; and the appearance grade of the traditional surface galvanizing treatment can reach Grade 1. (See Figure 1 for details)

Advantages of Zhuoye manganese steel casters over ordinary casters:



Zhuoye manganese steel casters with square plate-s are more wear-resistant

The traditional castor square plate is severely worn

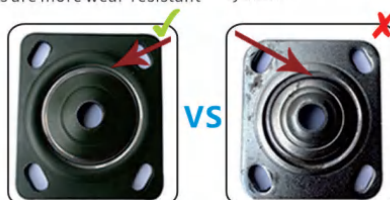


Figure 2

Zhuoye manganese steel casters make pushing easier

Traditional casters require a lot of effort to push



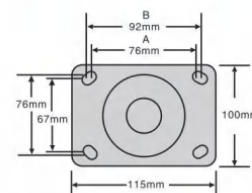
Load capacity of 520KG weights

Load capacity of 520KG weights

21H Heavy-duty Synthetic Rubber (TPR) Caster Wheel Series

Product name	Number	wheel diameter (mm)	wheel width (mm)	Load capacity (kg)	installation height (mm)	bearing	Radius of gyration (mm)	Straight rolling drive	Steering driving force	single-turn material
4"inch TPR fixed wheel	21H-100G-45-TPR	100(4)	45	150	143	double ball (6202)	102 double brake 155	Fixed straight rolling resistance coefficient $\mu 1$ 0.041	Steering resistance coefficient $\mu 2$ 0.07	Thermoplastic Rubber (TPR) DIN wear resistance coefficient 102mm ³
4"inch TPR active wheel	21H-100H-45-TPR									
4"inch TPR activity double brake wheel	21H-100H-45S-TPR									
4"inch TPR active side brake wheel	21H-100H-45B-TPR									
5"inch TPR fixed wheel	21H-125G-45-TPR	125(5)	45	200	162	double ball (6202)	109 double brake 155	Fixed straight rolling resistance coefficient $\mu 1$ 0.038	Steering resistance coefficient $\mu 2$ 0.074	Thermoplastic Rubber (TPR) DIN wear resistance coefficient 102mm ³
5"inch TPR active wheel	21H-125H-45-TPR									
5"inch TPR activity double brake wheel	21H-125H-45S-TPR									
5"inch TPR active side brake wheel	21H-125H-45B-TPR									
6"inch TPR fixed wheel	21H-150G-45-TPR	150(6)	45	260	190	double ball (6202)	123 double brake 155	Fixed straight rolling resistance coefficient $\mu 1$ 0.034	Steering resistance coefficient $\mu 2$ 0.068	Thermoplastic Rubber (TPR) DIN wear resistance coefficient 102mm ³
6"inch TPR active wheel	21H-150H-45-TPR									
6"inch TPR activity double brake wheel	21H-150H-45S-TPR									
6"inch TPR active side brake wheel	21H-150H-45B-TPR									
8"inch TPR fixed wheel	21H-200G-45-TPR	200(8)	45	300	237	double ball (6202)	168 double brake 182	Fixed straight rolling resistance coefficient $\mu 1$ 0.036	Steering resistance coefficient $\mu 2$ 0.065	Thermoplastic Rubber (TPR) DIN wear resistance coefficient 102mm ³
8"inch TPR active wheel	21H-200H-45-TPR									
8"inch TPR activity double brake wheel	21H-200H-45S-TPR									
8"inch TPR active side brake wheel	21H-200H-45B-TPR									

Zhuoye manganese steel casters



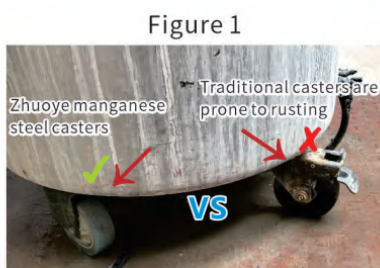
- The thickness of the base plate is 5.5mm
- Installation dimensions: (A) 76x76 (B) 92x67
- Mounting hole diameter 11.2mm

Patented product. Counterfeiting will be prosecuted

Product advantage description:

1. The single-wheel outer casing material is made of environmentally friendly, non-toxic imported synthetic rubber, which possesses excellent properties such as shock absorption, wear resistance, and noise reduction.
2. The bracket is made of high-quality iron plate, and the upper and lower tracks of the bead plate are made of manganese steel, which has undergone special processing to make Zhuoye manganese steel casters more effortless to push and more durable.
3. The grease for the caster wave plate and bearing is molybdenum disulfide-based lubricating grease, which has excellent extreme pressure and anti-wear properties, low friction coefficient, strong load-bearing capacity; good metal surface adsorption and rust resistance, wide operating temperature range; excellent water washout resistance and corrosion resistance, good oxidation resistance; even if it dries, it still has lubricating effect, ensuring that Zhuoye manganese steel casters have a much longer service life than traditional casters.
4. According to the test results from a third-party organization, the appearance grade of the caster surface after powder coating treatment can reach Grade 8; the appearance grade of traditional caster surface after electrophoresis treatment reaches Grade 2; the appearance grade of traditional surface after galvanizing treatment reaches Grade 1 (see Figure 1 for details)

Advantages of Zhuoye manganese steel casters over ordinary casters:



Zhuoye manganese steel casters with square plate are more wear-resistant

The traditional castor square plate is severely worn

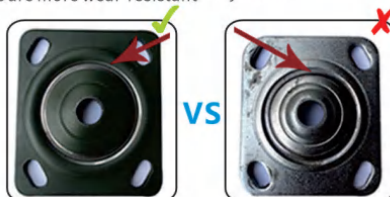


Figure 2

Zhuoye manganese steel casters make pushing easier

Traditional casters require a lot of effort to push



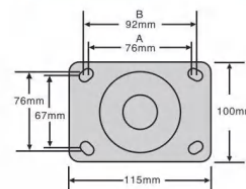
Load capacity of 520KG weights

Figure 3

Load capacity of 520KG weights

21N Heavy-duty Modified Polypropylene (PP) Caster Wheel Series (Special Price)

Product name	Number	wheel diameter (mm)	wheel width (mm)	Load capacity (kg)	installation height (mm)	bearing	Radius of gyration (mm)	Straight rolling drive	Steering driving force	single-turn material
4"Modified PP fixed wheel	21N-100G-45-PP	100(4)	45	280	143	double ball (6202)	102 double brake 155	Fixed straight rolling resistance coefficient $\mu 1$ 0.03	Steering resistance coefficient $\mu 2$ 0.04	Polypropylene (PP) DIN wear resistance coefficient 53mm [*]
4"Modified PP movable wheel	21N-100H-45-PP									
4"Modified PP movable double brake wheel	21N-100H-45S-PP									
4"Modified PP movable side brake wheel	21N-100H-45B-PP									
5"Modified PP fixed wheel	21N-125G-45-PP	125(5)	45	300	162	double ball (6202)	109 double brake 155	Fixed straight rolling resistance coefficient $\mu 1$ 0.034	Steering resistance coefficient $\mu 2$ 0.046	Polypropylene (PP) DIN wear resistance coefficient 53mm [*]
5"Modified PP movable wheel	21N-125H-45-PP									
5"Modified PP movable double brake wheel	21N-125H-45S-PP									
5"Modified PP movable side brake wheel	21N-125H-45B-PP									
6"Modified PP fixed wheel	21N-150G-45-PP	150(6)	45	400	190	double ball (6202)	123 double brake 155	Fixed straight rolling resistance coefficient $\mu 1$ 0.045	Steering resistance coefficient $\mu 2$ 0.055	Polypropylene (PP) DIN wear resistance coefficient 53mm [*]
6"Modified PP movable wheel	21N-150H-45-PP									
6"Modified PP movable double brake wheel	21N-150H-45S-PP									
6"Modified PP movable side brake wheel	21N-150H-45B-PP									
8"Modified PP fixed wheel	21N-200G-45-PP	200(8)	45	410	237	double ball (6202)	168 double brake 182	Fixed straight rolling resistance coefficient $\mu 1$ 0.03	Steering resistance coefficient $\mu 2$ 0.033	Polypropylene (PP) DIN wear resistance coefficient 53mm [*]
8"Modified PP movable wheel	21N-200H-45-PP									
8"Modified PP movable double brake wheel	21N-200H-45S-PP									
8"Modified PP movable side brake wheel	21N-200H-45B-PP									



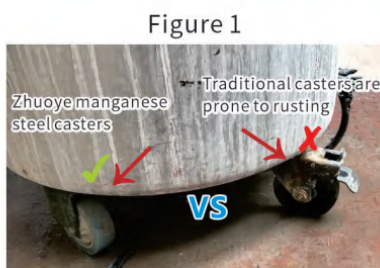
- The thickness of the base plate is 5.5mm
- Installation dimensions: (A)76x76 (B) 92x67
- Mounting hole diameter 11.2mm

Patented product. Counterfeiting will be prosecuted

Product advantage description:

1. The single wheel is made of polypropylene material and is molded in one piece, featuring impact resistance, heavy-duty durability, acid and alkali resistance, and fatigue resistance.
2. The bracket is made of high-quality iron plate, and the upper and lower tracks of the bead plate are made of manganese steel, which has undergone special processing to make Zhuoye manganese steel casters more effortless to push and more durable.
3. The grease for the caster wave plate and bearing is molybdenum disulfide-based lubricating grease, which has excellent extreme pressure and anti-wear properties, low friction coefficient, strong load-bearing capacity; good metal surface adsorption and rust resistance, wide operating temperature range; excellent water washout resistance and corrosion resistance, good oxidation resistance; even if it dries, it still has lubricating effect, ensuring that Zhuoye manganese steel casters have a much longer service life compared to traditional casters.
4. According to the test results from a third-party organization, the appearance grade of the caster surface after powder coating treatment can reach Grade 8; the appearance grade of traditional caster surface after electrophoresis treatment reaches Grade 2; the appearance grade of traditional surface after galvanizing treatment reaches Grade 1 (see Figure 1 for details)

Advantages of Zhuoye manganese steel casters over ordinary casters:



Zhuoye manganese steel casters with square plate -s are more wear-resistant

The traditional castor square plate is severe -ly worn

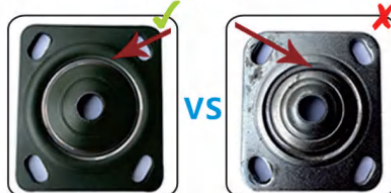


Figure 2

Zhuoye manganese steel casters make pushing easier

Traditional casters require a lot of effort to push



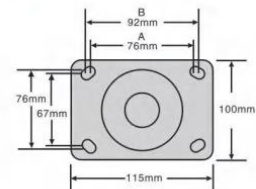
Load capacity of 520KG weights



Load capacity of 520KG weights

21R Heavy-duty coffee colored synthetic rubber (TPR) wheel series

Product name	Number	wheel diameter (mm)	wheel width (mm)	Load capacity (kg)	installation height (mm)	bearing	Radius of gyration (mm)	Straight rolling drive	Steering driving force	single-turn material
4"Modified PP fixed wheel	21R-100G-45-PP	100(4)	45	150	143	double ball (6202)	102 double brake 155	Fixed straight rolling resistance coefficient $\mu 1$ 0.03	Steering resistance coefficient $\mu 2$ 0.04	Thermoplastic Rubber (TPR) DIN wear resistance coefficient 102mm ³
4"Modified PP movable wheel	21R-100H-45-PP									
4"Modified PP movable double brake wheel	21R-100H-45S-PP									
4"Modified PP movable side brake wheel	21R-100H-45B-PP									
5"Modified PP fixed wheel	21R-125G-45-PP	125(5)	45	200	162	double ball (6202)	109 double brake 155	Fixed straight rolling resistance coefficient $\mu 1$ 0.034	Steering resistance coefficient $\mu 2$ 0.046	Thermoplastic Rubber (TPR) DIN wear resistance coefficient 102mm ³
5"Modified PP movable wheel	21R-125H-45-PP									
5"Modified PP movable double brake wheel	21R-125H-45S-PP									
5"Modified PP movable side brake wheel	21R-125H-45B-PP									
6"Modified PP fixed wheel	21R-150G-45-PP	150(6)	45	260	190	double ball (6202)	123 double brake 155	Fixed straight rolling resistance coefficient $\mu 1$ 0.045	Steering resistance coefficient $\mu 2$ 0.055	Thermoplastic Rubber (TPR) DIN wear resistance coefficient 102mm ³
6"Modified PP movable wheel	21R-150H-45-PP									
6"Modified PP movable double brake wheel	21R-150H-45S-PP									
6"Modified PP movable side brake wheel	21R-150H-45B-PP									
8"Modified PP fixed wheel	21R-200G-45-PP	200(8)	45	300	237	double ball (6202)	168 double brake 182	Fixed straight rolling resistance coefficient $\mu 1$ 0.03	Steering resistance coefficient $\mu 2$ 0.033	Thermoplastic Rubber (TPR) DIN wear resistance coefficient 102mm ³
8"Modified PP movable wheel	21R-200H-45-PP									
8"Modified PP movable double brake wheel	21R-200H-45S-PP									
8"Modified PP movable side brake wheel	21R-200H-45B-PP									



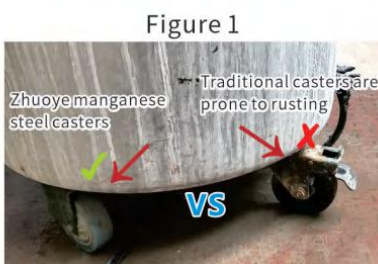
- The thickness of the base plate is 5.5mm
- Installation dimensions: (A) 76x76 (B) 92x67
- Mounting hole diameter 11.2mm

Patented product. Counterfeiting will be prosecuted

Product advantage description:

1. The single-wheel outer casing material is made of environmentally friendly, non-toxic imported synthetic rubber, which possesses excellent properties such as shock absorption, wear resistance, and noise reduction.
2. The bracket is made of high-quality iron plate, and the upper and lower tracks of the bead plate are made of manganese steel, which has undergone special processing to make Zhuoye manganese steel casters more effortless to push and more durable.
3. The grease for the caster wave plate and bearing is molybdenum disulfide-based lubricating grease, which has excellent extreme pressure and anti-wear properties, low friction coefficient, strong load-bearing capacity; good metal surface adsorption and rust resistance, wide operating temperature range; excellent water washout resistance and corrosion resistance, good oxidation resistance; even if it dries, it still has lubricating effect, ensuring that Zhuoye manganese steel casters have a much longer service life than traditional casters.
4. According to the test results from a third-party organization, the appearance grade of the caster surface after powder coating treatment can reach Grade 8; the appearance grade of traditional caster surface after electrophoresis treatment reaches Grade 2; the appearance grade of traditional surface after galvanizing treatment reaches Grade 1 (see Figure 1 for details)

Advantages of Zhuoye manganese steel casters over ordinary casters:



Zhuoye manganese steel casters with square plate -s are more wear-resistant

The traditional castor square plate is severe -ly worn

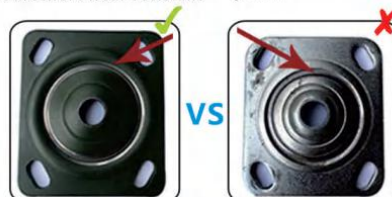


Figure 2

Zhuoye manganese steel casters make pushing easier

Traditional casters require a lot of effort to push



Load capacity of 520KG weights

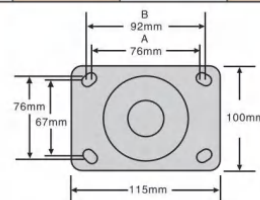
Load capacity of 520KG weights

21LL Heavy-duty High-speed Traction Aluminum Core Rubber (BR) Caster Wheel Series

Product name	Number	 wheel diameter (mm)	 wheel width (mm)	 Load capacity (kg)	 Installation height (mm)	 bearing	 Radius of gyration (mm)	Straight rolling drive	Steering driving force	 single-turn material												
4"High speed traction rubber fixed wheel	21LL-100G-48-BR	100(4)	48	370	143	 double ball (6203)	102 double brake 155	Fixed straight rolling resistance coefficient mu 1 0.032	Steering resistance coefficient mu 2 0.091	Rubber wheel (BR) DIN wear resi- -stance coeff- -icient 130mm ³												
4"High speed traction rubber movable wheel	21LL-100H-48-BR																					
4"High speed traction rubber movable double brake wheel	21LL-100H-48S-BR																					
4"High speed traction rubber movable side brake wheel	21LL-100H-48B-BR																					
5"High speed traction rubber fixed wheel	21LL-125G-48-BR	125(5)	48	470	162	 double ball (6203)	109 double brake 155	Fixed straight rolling resistance coefficient mu 1 0.045	Steering resistance coefficient mu 2 0.061													
5"High speed traction rubber movable wheel	21LL-125H-48-BR																					
5"High speed traction rubber movable double brake wheel	21LL-125H-48S-BR																					
5"High speed traction rubber movable side brake wheel	21LL-125H-48B-BR																					
6"High speed traction rubber fixed wheel	21LL-150G-48-BR	150(6)	48	600	190	 double ball (6203)	123 double brake 155	Fixed straight rolling resistance coefficient mu 1 0.041	Steering resistance coefficient mu 2 0.067	载重与最大时速关系表 单位: 公斤, 米/小时 <table><tr><th>单轮重量</th><th>最大时速</th></tr><tr><td>200kg以内</td><td>28km/h</td></tr><tr><td>250kg</td><td>18km/h</td></tr><tr><td>300kg</td><td>12km/h</td></tr><tr><td>350kg-400kg</td><td>6km/h</td></tr><tr><td>450kg-500kg</td><td>3-6km/h</td></tr></table>	单轮重量	最大时速	200kg以内	28km/h	250kg	18km/h	300kg	12km/h	350kg-400kg	6km/h	450kg-500kg	3-6km/h
单轮重量	最大时速																					
200kg以内	28km/h																					
250kg	18km/h																					
300kg	12km/h																					
350kg-400kg	6km/h																					
450kg-500kg	3-6km/h																					
6"High speed traction rubber movable wheel	21LL-150H-48-BR																					
6"High speed traction rubber movable double brake wheel	21LL-150H-48S-BR																					
6"High speed traction rubber movable side brake wheel	21LL-150H-48B-BR																					
8"High speed traction rubber fixed wheel	21LL-200G-48-BR	200(8)	48	610	237	 double ball (6203)	168 double brake 182	Fixed straight rolling resistance coefficient mu 1 0.039	Steering resistance coefficient mu 2 0.055	载重与最大时速关系表 单位: 公斤, 米/小时 <table><tr><th>单轮重量</th><th>最大时速</th></tr><tr><td>200kg以内</td><td>28km/h</td></tr><tr><td>250kg</td><td>18km/h</td></tr><tr><td>300kg</td><td>12km/h</td></tr><tr><td>350kg-400kg</td><td>6km/h</td></tr><tr><td>450kg-500kg</td><td>3-6km/h</td></tr></table>	单轮重量	最大时速	200kg以内	28km/h	250kg	18km/h	300kg	12km/h	350kg-400kg	6km/h	450kg-500kg	3-6km/h
单轮重量	最大时速																					
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350kg-400kg	6km/h																					
450kg-500kg	3-6km/h																					
8"High speed traction rubber movable wheel	21LL-200H-48-BR																					
8"High speed traction rubber movable double brake wheel	21LL-200H-48S-BR																					
8"High speed traction rubber movable side brake wheel	21LL-200H-48B-BR																					

Zhuoye manganese steel casters

Speed: 28 km



Patented product. Counterfeiting will be prosecuted

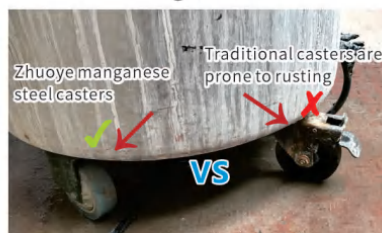
- The thickness of the base plate is 5.5mm
- Installation dimensions: (A) 76x76 (B) 92x67
- Mounting hole diameter 11.2mm

Product advantage description:

1. The single wheel is made of high-elasticity natural rubber material, and the inner core is made of nylon (BR), featuring excellent properties such as wear resistance, shock absorption, and noise reduction.
2. The bracket is made of high-quality iron plate, and the upper and lower tracks of the bead disc are made of manganese steel. After special processing, the Zhuoye manganese steel casters provide more effortless and durable pushing.
3. The grease for the castor wave disc and bearing is molybdenum disulfide lithium-based grease, which has excellent extreme pressure and anti-wear properties, low friction coefficient, strong load-bearing capacity; good metal surface adsorption and rust resistance, wide operating temperature range; excellent water washout resistance and corrosion resistance, good oxidation resistance; even if it dries, it still has lubricating effect, ensuring that Zhuoye manganese steel casters have a much longer service life than traditional casters.
4. According to the test results from a third-party organization, the appearance grade of the castor surface after powder coating treatment can reach Grade 8; the appearance grade of traditional casters after electrophoresis treatment reaches Grade 2; the appearance grade of traditional surface galvanizing treatment reaches Grade 1 (see Figure 1 for details)

Advantages of Zhuoye manganese steel casters over ordinary casters:

Figure 1



Zhuoye manganese steel casters with square plate -s are more wear-resistant

The traditional castor square plate is severely worn

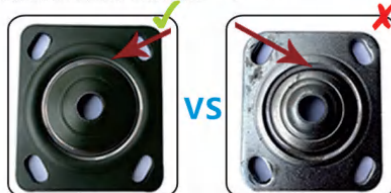


Figure 2

Zhuoye manganese steel casters make pushing easier

Traditional casters require a lot of effort to push



Load capacity of 520KG weights

Figure 3 Load capacity of 520KG weights

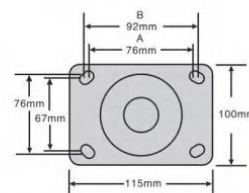
21M Heavy-duty Inflatable Rubber (CBR) Caster Wheel Series

Product name	Number	wheel diameter (mm)	wheel width (mm)	Load capacity (kg)	installation height (mm)	bearing	Radius of gyration (mm)	Straight rolling drive	Steering driving force	single-turn material
8" Heavy duty inflatable fixed wheel	21M-200G-63-CBR	200	63	125	257	double ball (6202)	167	Fixed straight rolling resistance coefficient $\mu 1$ 0.032	Steering resistance coefficient $\mu 2$ 0.091	Charged Rubber (CBR) DIN wear resistance coefficient 130mm ³
8" Heavy duty inflatable movable wheels	21M-200H-63-CBR									
10" Heavy duty inflatable fixed wheel	21M-250G-88-CBR	250	88	160	316	double ball (6202)	220	Fixed straight rolling resistance coefficient $\mu 1$ 0.032	Steering resistance coefficient $\mu 2$ 0.091	Charged Rubber (CBR) DIN wear resistance coefficient 130mm ³
10" Heavy duty inflatable movable wheels	21M-250H-88-CBR									



Zhuoye manganese steel casters

Speed: 15 km



- The thickness of the base plate is 5.5mm
- Installation dimensions: (A) 76x76 (B) 92x92
- Mounting hole diameter 11.2mm

Patented product. Counterfeiting will be prosecuted

Product advantage description:

1. The single-wheel hub is made of high-quality iron plates through pressing, and the inner and outer tires are made of Taiwanese pneumatic tires, featuring quietness, wear resistance, tear resistance, resilience, shock absorption, and cushioning.
2. The castor bracket has a large square plate with a wave disc, and the small wave disc is made of high-quality low-alloy steel plates and undergoes special process treatment, making Zhuoye manganese steel casters easier to push and more durable. (See Figure 2 and Figure 3 for details)
3. The grease used for the castor wheel wave disc and bearings is molybdenum disulfide-based lubricating grease, which boasts excellent extreme pressure and anti-wear properties, low friction coefficient, and strong load-bearing capacity. It exhibits excellent metal surface adsorption and rust resistance, a wide operating temperature range, superior water washout resistance and corrosion resistance, and good antioxidant properties. Even when dried, it still provides lubrication, ensuring an extremely long service life.
4. According to the test results from a third-party organization, the appearance grade of the surface powder coating treatment on the casters can reach Grade 8; the appearance grade of the traditional surface electrophoresis treatment on traditional casters can reach Grade 2; and the appearance grade of the traditional surface galvanizing treatment can reach Grade 1. (See Figure 1 for details)

Advantages of Zhuoye manganese steel casters over ordinary casters:

Figure 1



Zhuoye manganese steel casters with square plate are more wear-resistant

The traditional castor square plate is severely worn



VS



Figure 2

Zhuoye manganese steel casters make pushing easier

Traditional casters require a lot of effort to push



VS



Load capacity of 520KG weights

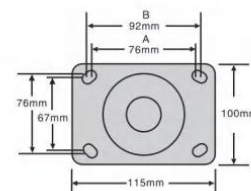
Load capacity of 520KG weights

Figure 3

22A Innovative Precision Heavy-duty Polyurethane (TPU) Caster Wheel Series

Product name	Number	wheel diameter (mm)	wheel width (mm)	Load capacity (kg)	Installation height (mm)	bearing	Radius of gyration (mm)	Straight rolling drive	Steering driving force	single-turn material
4"TPU Fixed wheel	22A-100G-45-TPU	100(4)	45	260	146	double ball (6202)	102 double brake 155	Fixed straight rolling resistance coefficient $\mu 1$ 0.032	Steering resistance coefficient $\mu 2$ 0.044	Polyurethane (TPU) DIN wear resistance coefficient 25mm ³
4"TPU Movable wheel	22A-100H-45-TPU									
4"TPU Activity double brake wheel	22A-100H-45S-TPU									
4"TPU Movable side brake wheel	22A-100H-45B-TPU									
5"TPU Fixed wheel	22A-125G-45-TPU	125(5)	45	320	165	double ball (6202)	109 double brake 155	Fixed straight rolling resistance coefficient $\mu 1$ 0.032	Steering resistance coefficient $\mu 2$ 0.048	Polyurethane (TPU) DIN wear resistance coefficient 25mm ³
5"TPU Movable wheel	22A-125H-45-TPU									
5"TPU Activity double brake wheel	22A-125H-45S-TPU									
5"TPU Movable side brake wheel	22A-125H-45B-TPU									
6"TPU Fixed wheel	22A-150G-45-TPU	150(6)	45	400	193	double ball (6202)	123 double brake 155	Fixed straight rolling resistance coefficient $\mu 1$ 0.035	Steering resistance coefficient $\mu 2$ 0.049	Polyurethane (TPU) DIN wear resistance coefficient 25mm ³
6"TPU Movable wheel	22A-150H-45-TPU									
6"TPU Activity double brake wheel	22A-150H-45S-TPU									
6"TPU Movable side brake wheel	22A-150H-45B-TPU									
8"TPU Fixed wheel	22A-200G-45-TPU	200(8)	45	410	240	double ball (6202)	168 double brake 182	Fixed straight rolling resistance coefficient $\mu 1$ 0.032	Steering resistance coefficient $\mu 2$ 0.033	Polyurethane (TPU) DIN wear resistance coefficient 25mm ³
8"TPU Movable wheel	22A-200H-45-TPU									
8"TPU Activity double brake wheel	22A-200H-45S-TPU									
8"TPU Movable side brake wheel	22A-200H-45B-TPU									

Zhuoye manganese steel casters



- The thickness of the base plate is 5.5mm
- Installation dimensions: (A) 76x76 (B) 92x92
- Mounting hole diameter 11.2mm

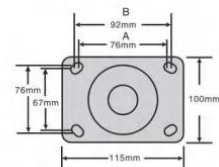
Patented product. Counterfeiting will be prosecuted

Product advantage description:

1. The inner core of the single wheel is made of Taiwan polypropylene (PP), and the outer material is specially made (TPU) polyurethane, which has tear resistance, wear resistance, rebound resistance, shock absorption and buffering, and oil resistance;
2. The movable support rotating large wave plate is made of high-quality low alloy steel plate, which has strong strength, larger load capacity and longer service life than ordinary iron plates;
3. The bead plate adopts pressure bearings, making the Zhuoye manganese steel casters more labor-saving and durable to push.
4. The grease of casters wave plates and bearings adopts Molybdenum disulfide lithium base grease, which has excellent extreme pressure and range of working temperatures, excellent water erosion resistance and corrosion resistance, as well as good antioxidant performance and extremely long service life.
5. According to the inspection results of a third-party organization, the appearance level of the surface spray treatment of the casters can reach 8 levels, The traditional surface electrophoresis treatment of casters has an appearance level of 2, while the traditional surface galvanizing treatment has an appearance level of 1.

22AH Innovative Precision Heavy-duty Black Polyurethane (TPU) Caster Wheel Series

Product name	Number	wheel diameter (mm)	wheel width (mm)	Load capacity (kg)	Installation height (mm)	bearing	Radius of gyration (mm)	Straight rolling drive	Steering driving force	single-turn material
4"TPU Fixed wheel	22AH-100G-45-TPU	100(4)	45	260	146	double ball (6202)	102 double brake 155	Fixed straight rolling resistance coefficient μ_1 0.032	Steering resistance coefficient μ_2 0.044	Polyurethane (TPU) DIN wear resistance coefficient 25mm ³
4"TPU Movable wheel	22AH-100H-45-TPU									
4"TPU Activity double brake wheel	22AH-100H-45S-TPU									
4"TPU Movable side brake wheel	22AH-100H-45B-TPU									
5"TPU Fixed wheel	22AH-125G-45-TPU	125(5)	45	320	165	double ball (6202)	109 double brake 155	Fixed straight rolling resistance coefficient μ_1 0.032	Steering resistance coefficient μ_2 0.048	Polyurethane (TPU) DIN wear resistance coefficient 25mm ³
5"TPU Movable wheel	22AH-125H-45-TPU									
5"TPU Activity double brake wheel	22AH-125H-45S-TPU									
5"TPU Movable side brake wheel	22AH-125H-45B-TPU									
6"TPU Fixed wheel	22AH-150G-45-TPU	150(6)	45	400	193	double ball (6202)	123 double brake 155	Fixed straight rolling resistance coefficient μ_1 0.035	Steering resistance coefficient μ_2 0.049	Polyurethane (TPU) DIN wear resistance coefficient 25mm ³
6"TPU Movable wheel	22AH-150H-45-TPU									
6"TPU Activity double brake wheel	22AH-150H-45S-TPU									
6"TPU Movable side brake wheel	22AH-150H-45B-TPU									
8"TPU Fixed wheel	22AH-200G-45-TPU	200(8)	45	410	240	double ball (6202)	168 double brake 182	Fixed straight rolling resistance coefficient μ_1 0.032	Steering resistance coefficient μ_2 0.033	Polyurethane (TPU) DIN wear resistance coefficient 25mm ³
8"TPU Movable wheel	22AH-200H-45-TPU									
8"TPU Activity double brake wheel	22AH-200H-45S-TPU									
8"TPU Movable side brake wheel	22AH-200H-45B-TPU									



- The thickness of the base plate is 5.5mm
- Installation dimensions: (A) 76x76 (B) 92x67
- Mounting hole diameter 11.2mm

Patented product. Counterfeiting will be prosecuted

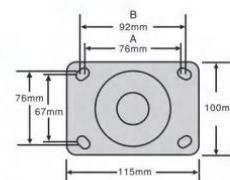
Product advantage description:

1. The inner core of the single wheel is made of Taiwan polypropylene (PP), and the outer material is specially made (TPU) polyurethane, which has tear resistance, wear resistance, rebound resistance, shock absorption and buffering, and oil resistance;
2. The movable support rotating large wave plate is made of high-quality low alloy steel plate, which has strong strength, larger load capacity and longer service life than ordinary iron plates;
3. The bead plate adopts pressure bearings, making the Zhuoye manganese steel casters more labor-saving and durable to push.
4. The grease of casters wave plates and bearings adopts Molybdenum disulfide lithium base grease, which has excellent extreme pressure and range of working temperatures, excellent water erosion resistance and corrosion resistance, as well as good antioxidant performance and extremely long service life.
5. According to the inspection results of a third-party organization, the appearance level of the surface spray treatment of the casters can reach 8 levels. The traditional surface electrophoresis treatment of casters has an appearance level of 2, while the traditional surface galvanizing treatment has an appearance level of 1.

22B Innovative Precision Heavy-duty Nylon (PA6) Caster Wheel Series

Product name	Number	wheel diameter (mm)	wheel width (mm)	Load capacity (kg)	installation height (mm)	bearing	Radius of gyration (mm)	Straight rolling drive	Steering driving force	single-turn material
4"Nylon fixed wheel	22B-100G-45-PA6	100(4)	45	500	146	double ball (6202)	102 double brake 155	Fixed straight rolling resistance coefficient μ_1 0.033	Steering resistance coefficient μ_2 0.038	Nylon wheel (Pa6) DIN wear resistance coefficient 21mm ³
4"Nylon wheel	22B-100H-45-PA6									
4"Nylon activity double brake wheel	22B-100H-45S-PA6									
4"Nylon movable wheel	22B-100H-45B-PA6									
5"Nylon fixed wheel	22B-125G-45-PA6	125(5)	45	680	165	double ball (6202)	109 double brake 155	Fixed straight rolling resistance coefficient μ_1 0.031	Steering resistance coefficient μ_2 0.037	Nylon wheel (Pa6) DIN wear resistance coefficient 21mm ³
5"Nylon wheel	22B-125H-45-PA6									
5"Nylon activity double brake wheel	22B-125H-45S-PA6									
5"Nylon movable wheel	22B-125H-45B-PA6									
6"Nylon fixed wheel	22B-150G-45-PA6	150(6)	45	750	193	double ball (6203)	123 double brake 155	Fixed straight rolling resistance coefficient μ_1 0.029	Steering resistance coefficient μ_2 0.032	Nylon wheel (Pa6) DIN wear resistance coefficient 21mm ³
6"Nylon wheel	22B-150H-45-PA6									
6"Nylon activity double brake wheel	22B-150H-45S-PA6									
6"Nylon movable wheel	22B-150H-45B-PA6									
8"Nylon fixed wheel	22B-200G-45-PA6	200(8)	45	760	240	double ball (6203)	168 double brake 182	Fixed straight rolling resistance coefficient μ_1 0.027	Steering resistance coefficient μ_2 0.032	Nylon wheel (Pa6) DIN wear resistance coefficient 21mm ³
8"Nylon wheel	22B-200H-45-PA6									
8"Nylon activity double brake wheel	22B-200H-45S-PA6									
8"Nylon movable wheel	22B-200H-45B-PA6									

Zhuoye manganese steel casters



- The thickness of the base plate is 5.5mm
- Installation dimensions: (A) 76x76 (B) 92x92
- Mounting hole diameter 11.2mm

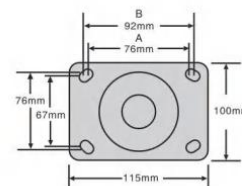
Patented product. Counterfeiting will be prosecuted

Product advantage description:

1. The single wheel is made of nylon (PA) material and molded in one injection molding. Nylon PAG has high load-bearing strength, high tensile strength, good toughness, compressive strength, and excellent friction resistance. Nylon PAG has a relatively high water absorption rate. As the newly produced product is relatively fragmented, it needs to be stored for about 15 days or boiled in water to meet the toughness requirements.
2. The movable support rotating large wave plate is made of high-quality low alloy steel plate, which has strong strength, larger load capacity, and longer service life than ordinary iron plates;
3. The bead plate adopts pressure bearings, making the Zhuoye manganese steel casters more labor-saving and durable to push.
4. The grease of casters' wave plates and bearings adopts Molybdenum disulfide lithium base grease, which has excellent extreme pressure and anti-wear performance, low friction coefficient and strong bearing capacity, Excellent metal surface adsorption and rust resistance, with a wider range of working temperatures, Excellent water erosion resistance and corrosion resistance, as well as good antioxidant performance: Extremely long service life.
5. According to the inspection results of a third-party organization, the appearance level of the surface spray treatment of the casters can reach 8 levels. The traditional surface electrophoresis treatment of casters has an appearance level of 2, while the traditional surface galvanizing treatment has an appearance level of 1.

Product name	Number	wheel diameter (mm)	wheel width (mm)	Load capacity (kg)	Installation height (mm)	bearing	Radius of gyration (mm)	Straight rolling drive	Steering driving force	single-turn material
4"Nylon fixed wheel	22C-100G-50-MC	100(4)	50	500	146	double ball (6204)	102 double brake 155	Fixed straight rolling resistance coefficient μ_1 0.027	Steering resistance coefficient μ_2 0.036	Nylon wheel (MC) DIN wear resistance coefficient 21mm ³
4"Nylon wheel	22C-100H-50-MC									
4"Nylon activity double brake wheel	22C-100H-50S-MC									
4"Nylon movable wheel	22C-100H-50B-MC									
5"Nylon fixed wheel	22C-125G-50-MC	125(5)	50	680	165	double ball (6204)	109 double brake 155	Fixed straight rolling resistance coefficient μ_1 0.031	Steering resistance coefficient μ_2 0.034	Nylon wheel (MC) DIN wear resistance coefficient 21mm ³
5"Nylon wheel	22C-125H-50-MC									
5"Nylon activity double brake wheel	22C-125H-50S-MC									
5"Nylon movable wheel	22C-125H-50B-MC									
6"Nylon fixed wheel	22C-150G-50-MC	150(6)	50	750	193	double ball (6204)	123 double brake 155	Fixed straight rolling resistance coefficient μ_1 0.029	Steering resistance coefficient μ_2 0.032	Nylon wheel (MC) DIN wear resistance coefficient 21mm ³
6"Nylon wheel	22C-150H-50-MC									
6"Nylon activity double brake wheel	22C-150H-50S-MC									
6"Nylon movable wheel	22C-150H-50B-MC									
8"Nylon fixed wheel	22C-200G-50-MC	200(8)	50	760	240	double ball (6204)	168 double brake 182	Fixed straight rolling resistance coefficient μ_1 0.028	Steering resistance coefficient μ_2 0.032	Nylon wheel (MC) DIN wear resistance coefficient 21mm ³
8"Nylon wheel	22C-200H-50-MC									
8"Nylon activity double brake wheel	22C-200H-50S-MC									
8"Nylon movable wheel	22C-200H-50B-MC									

Zhuoye manganese steel casters



Patented product. Counterfeiting will be prosecuted

- The thickness of the base plate is 5.5mm
- Installation dimensions: (A) 76x76 (B) 92x67
- Mounting hole diameter 11.2mm

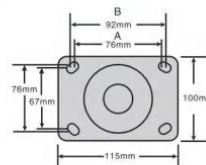
Product advantage description:

1. The single wheel is made of MC nylon material, which is cast and processed by machine tools. The molecular weight of MC nylon is twice that of PA6, resulting in better mechanical properties, fatigue resistance, wear resistance, and impact strength than PA6.
2. The movable support rotating large wave plate is made of high-quality low alloy steel plate, which has strong strength, larger load capacity and longer service life than ordinary iron plates;
3. The bead plate adopts pressure bearings, making the Zhuoye manganese steel casters more labor-saving and durable to push.
4. The grease of casters' wave plates and bearings adopts Molybdenum disulfide lithium base grease, which has excellent extreme pressure and anti-wear performance, low friction coefficient and strong bearing capacity, Excellent metal surface adsorption and rust resistance, with a wider range of working temperatures. Excellent water erosion resistance and corrosion resistance, as well as good antioxidant performance. Extremely long service life.
5. According to the inspection results of a third-party organization, the appearance level of the surface spray treatment of the casters can reach 8 levels. The traditional surface electrophoresis treatment of casters has an appearance level of 2, while the traditional surface galvanizing treatment has an appearance level of 1.

22D Innovative Precision Heavy-duty Rubber (BR) Caster Wheel Series

Product name	Number	wheel diameter (mm)	wheel width (mm)	Load capacity (kg)	Installation height (mm)	bearing	Radius of gyration (mm)	Straight rolling drive	Steering driving force	single-turn material
4"Rubber fixed wheel	22D-100G-45-BR	100(4)	45	220	146	double ball (6202)	102 double brake 155	Fixed straight rolling resistance coefficient μ_1 0.038	Steering resistance coefficient μ_2 0.081	Rubber wheel (BR) DIN wear resistance coefficient 130mm ³
4"Rubber wheel	22D-100H-45-BR									
4"Rubber double brake wheel	22D-100H-45S-BR									
4"Rubber wheel brake wheel	22D-100H-45B-BR									
5"Rubber fixed wheel	22D-125G-45-BR	125(5)	45	290	164	double ball (6202)	109 double brake 155	Fixed straight rolling resistance coefficient μ_1 0.035	Steering resistance coefficient μ_2 0.076	Rubber wheel (BR) DIN wear resistance coefficient 130mm ³
5"Rubber wheel	22D-125H-45-BR									
5"Rubber double brake wheel	22D-125H-45S-BR									
5"Rubber wheel brake wheel	22D-125H-45B-BR									
6"Rubber fixed wheel	22D-150G-45-BR	150(6)	45	350	192	double ball (6202)	123 double brake 155	Fixed straight rolling resistance coefficient μ_1 0.036	Steering resistance coefficient μ_2 0.078	Rubber wheel (BR) DIN wear resistance coefficient 130mm ³
6"Rubber wheel	22D-150H-45-BR									
6"Rubber double brake wheel	22D-150H-45S-BR									
6"Rubber wheel brake wheel	22D-150H-45B-BR									
8"Rubber fixed wheel	22D-200G-45-BR	200(8)	45	380	240	double ball (6202)	168 double brake 182	Fixed straight rolling resistance coefficient μ_1 0.043	Steering resistance coefficient μ_2 0.082	Rubber wheel (BR) DIN wear resistance coefficient 130mm ³
8"Rubber wheel	22D-200H-45-BR									
8"Rubber double brake wheel	22D-200H-45S-BR									
8"Rubber wheel brake wheel	22D-200H-45B-BR									

Zhuoyemanganesesteel casters



- The thickness of the base plate is 5.5mm
- Installation dimensions: (A) 76x76 (B) 92x67
- Mounting hole diameter 11.2mm

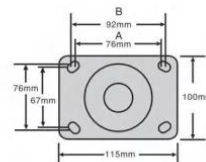
Patented product. Counterfeiting will be prosecuted

Product advantage description:

1. The single wheel is made of high elastic natural rubber material and the inner core is made of nylon (Pao), which has excellent performance such as wear resistance, shock absorption, and noise reduction
2. The movable support rotating large wave plate is made of high-quality low alloy steel plate, which has strong strength, larger load capacity and longer service life than ordinary iron plates;
3. The bead plate adept resurbsaring making be huoo anganese ste casters more labor saving and durable to push
4. The grease of casters wave pressure bearings adopts anti-wear performance, low friction coefficient and strong bearing capacity; Excellent metal surface adsorption and rust resistance, with a wider range of working temperatures Excellent water erosion resistance and corrosion resistance, as well as good antioxidant performance, Extremely long service life
5. According to the inspection results of a third-party organization, the appearance level of the surface spray treatment of the casters can reach 3 levels, the traditional surface electrophoresis treatment of casters has an appearance level of 2, while the traditional surface galvanizing treatment has an appearance level of 1.

22E Innovative Precision Heavy-duty Polypropylene (PP) Caster Wheel Series

Product name	Number	wheel diameter (mm)	wheel width (mm)	Load capacity (kg)	installation height (mm)	bearing	Radius of gyration (mm)	Straight rolling drive	Steering driving force	single-turn material
4"PP fixed wheel	22E-100G-49-PP	100(4)	49	360	146	double ball (6202)	102 double brake 155	Fixed straight rolling resistance coefficient μ_1 0.029	Steering resistance coefficient μ_2 0.034	Polypropylene (PP) DIN wear resistance coefficient 53mm ³
4"PP activity wheel	22E-100H-49-PP									
4"PP activity double brake wheel	22E-100H-49S-PP									
4"PP active side brake wheel	22E-100H-49B-PP									
5"PP fixed wheel	22E-125G-49-PP	125(5)	49	420	165	double ball (6202)	109 double brake 155	Fixed straight rolling resistance coefficient μ_1 0.029	Steering resistance coefficient μ_2 0.034	Polypropylene (PP) DIN wear resistance coefficient 53mm ³
5"PP activity wheel	22E-125H-49-PP									
5"PP activity double brake wheel	22E-125H-49S-PP									
5"PP active side brake wheel	22E-125H-49B-PP									
6"PP fixed wheel	22E-150G-49-PP	150(6)	49	500	193	double ball (6202)	123 double brake 155	Fixed straight rolling resistance coefficient μ_1 0.03	Steering resistance coefficient μ_2 0.035	Polypropylene (PP) DIN wear resistance coefficient 53mm ³
6"PP activity wheel	22E-150H-49-PP									
6"PP activity double brake wheel	22E-150H-49S-PP									
6"PP active side brake wheel	22E-150H-49B-PP									
8"PP fixed wheel	22E-200G-49-PP	200(8)	49	510	240	double ball (6202)	168 double brake 182	Fixed straight rolling resistance coefficient μ_1 0.029	Steering resistance coefficient μ_2 0.032	Polypropylene (PP) DIN wear resistance coefficient 53mm ³
8"PP activity wheel	22E-200H-49-PP									
8"PP activity double brake wheel	22E-200H-49S-PP									
8"PP active side brake wheel	22E-200H-49B-PP									



Patented product. Counterfeiting will be prosecuted

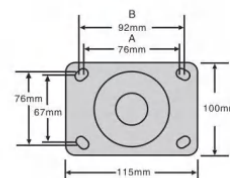
- The thickness of the base plate is 5.5mm
- Installation dimensions: (A) 76x76 (B) 92x67
- Mounting hole diameter 11.2mm

Product advantage description:

1. The single wheel is made of polypropylene material and molded in one injection molding, which has properties such as impact resistance.
2. The movable support rotating lag wave plate is made of high-quality low alloy steel plate, which has strong strength, larger load capacity, and longer service life than ordinary iron plates;
3. The bead plate adopts pressure bearings making the huoye mangangse steel casters more labor-saving and durable to push
4. The grease of casters wave plates and bearings adopts Molybdenum disulfide lithium base grease, which has excellent extreme pressure and range of working temperatures, excellent wear erosion resistance and corrosion resistance as well as good antioxidant performance, extremely long service life.
5. According to the inspection results of a third-party organization, the appearance level of the surface spray treatment of the casters can reach 8 levels, The traditional surface electrophoresis treatment of casters has an appearance level of 2, while the traditional surface galvanizing treatment has an appearance level of 1.

22F Innovative Precision Heavy-duty Curve Iron Core (PU) Caster Wheel Series

Product name	Number	wheel diameter (mm)	wheel width (mm)	Load capacity (kg)	installation height (mm)	bearing	Radius of gyration (mm)	Straight rolling drive	Steering driving force	single-turn material
4" Arc core fixed wheel	22F-100G-48-PU	100(4)	48	370	146	double ball (6203)	102 double brake 155	Fixed straight rolling resistance coefficient $\mu 1$ 0.042	Steering resistance coefficient $\mu 2$ 0.047	Iron core (PU) DIN wear resistance coefficient 130mm ³
4" Arc core wheel	22F-100H-48-PU									
4" Double brake wheel arc core activities	22F-100H-48S-PU									
4" The arc side brake wheel core activities	22F-100H-48B-PU									
5" Arc core fixed wheel	22F-125G-48-PU	125(5)	48	470	165	double ball (6203)	109 double brake 155	Fixed straight rolling resistance coefficient $\mu 1$ 0.034	Steering resistance coefficient $\mu 2$ 0.045	Iron core (PU) DIN wear resistance coefficient 130mm ³
5" Arc core wheel	22F-125H-48-PU									
5" Double brake wheel arc core activities	22F-125H-48S-PU									
5" The arc side brake wheel core activities	22F-125H-48B-PU									
6" Arc core fixed wheel	22F-150G-48-PU	150(6)	48	600	193	double ball (6203)	123 double brake 155	Fixed straight rolling resistance coefficient $\mu 1$ 0.034	Steering resistance coefficient $\mu 2$ 0.055	Iron core (PU) DIN wear resistance coefficient 130mm ³
6" Arc core wheel	22F-150H-48-PU									
6" Double brake wheel arc core activities	22F-150H-48S-PU									
6" The arc side brake wheel core activities	22F-150H-48B-PU									
8" Arc core fixed wheel	22F-200G-48-PU	200(8)	48	610	240	double ball (6203)	168 double brake 182	Fixed straight rolling resistance coefficient $\mu 1$ 0.03	Steering resistance coefficient $\mu 2$ 0.046	Iron core (PU) DIN wear resistance coefficient 130mm ³
8" Arc core wheel	22F-200H-48-PU									
8" Double brake wheel arc core activities	22F-200H-48S-PU									
8" The arc side brake wheel core activities	22F-200H-48B-PU									



Patented product. Counterfeiting will be prosecuted

- The thickness of the base plate is 5.5mm
- Installation dimensions: (A) 76x76 (B) 92x67
- Mounting hole diameter 11.2mm

Product advantage description:

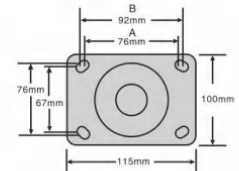
1. The inner core of the single wheel is made of imported high-strength polyurethane (PU) wrapped in cast iron, with a Shore hardness of 95- 98 degrees. It has properties such as impact resistance, weight resistance, acid and alkali resistance, fatigue resistance, and shock absorption.
2. The movable support rotating large wave plate is made of high-quality low alloy steel plate, which has strong strength, larger load capacity, and longer service life than ordinary iron plates;
3. The bead plate adopts pressure bearings, making the Zhuo ye manganese steel casters more labor-saving and durable to push
4. The butter for the casters and bearings uses disulfide Ju Li based grease, which has excellent extreme pressure and wear resistance, low friction coefficient, and strong load-bearing capacity, Excellent metal surface adsorption and rust resistance, wide working temperature range, excellent water erosion resistance and corrosion resistance, good oxidation resistance, and extremely long service life.
5. According to the inspection results of third-party institutions, the appearance level of the surface spray treatment of casters can reach level B, the appearance level of the traditional surface electrophoresis treatment of casters can reach level 2, and the appearance level of the traditional surface galvanizing treatment can reach level 1.

22G Innovative Precision Heavy-duty Flat Iron Core (PU) Caster Wheel Series

Product name	Number	wheel diameter (mm)	wheel width (mm)	Load capacity (kg)	Installation height (mm)	bearing	Radius of gyration (mm)	Straight rolling drive	Steering driving force	single-turn material
4"Flat core fixed wheel	22G-100G-50-PU	100(4)	50	370	146	double ball (6203)	102 double brake 155	Fixed straight rolling resistance coefficient μ_1 0.035	Steering resistance coefficient μ_2 0.07	Iron core (PU) DIN wear resistance coefficient 130mm ³
4"Planar core activity wheel	22G-100H-50-PU									
4"Planar core activity double brake wheel	22G-100H-50S-PU									
4"Planar core active side brake wheel	22G-100H-50B-PU									
5"Flat core fixed wheel	22G-125G-50-PU	125(5)	50	470	165	double ball (6203)	109 double brake 155	Fixed straight rolling resistance coefficient μ_1 0.029	Steering resistance coefficient μ_2 0.063	Iron core (PU) DIN wear resistance coefficient 130mm ³
5"Planar core activity wheel	22G-125H-50-PU									
5"Planar core activity double brake wheel	22G-125H-50S-PU									
5"Planar core active side brake wheel	22G-125H-50B-PU									
6"Flat core fixed wheel	22G-150G-50-PU	150(6)	50	600	193	double ball (6203)	123 double brake 155	Fixed straight rolling resistance coefficient μ_1 0.032	Steering resistance coefficient μ_2 0.050	Iron core (PU) DIN wear resistance coefficient 130mm ³
6"Planar core activity wheel	22G-150H-50-PU									
6"Planar core activity double brake wheel	22G-150H-50S-PU									
6"Planar core active side brake wheel	22G-150H-50B-PU									
8"Flat core fixed wheel	22G-200G-50-PU	200(8)	50	610	240	double ball (6203)	168 double brake 182	Fixed straight rolling resistance coefficient μ_1 0.032	Steering resistance coefficient μ_2 0.041	Iron core (PU) DIN wear resistance coefficient 130mm ³
8"Planar core activity wheel	22G-200H-50-PU									
8"Planar core activity double brake wheel	22G-200H-50S-PU									
8"Planar core active side brake wheel	22G-200H-50B-PU									



Zhuoye manganese steel casters



Patented product. Counterfeiting will be prosecuted

- The thickness of the base plate is 5.5mm
- Installation dimensions: (A) 76x76 (B) 92x67
- Mounting hole diameter 11.2mm

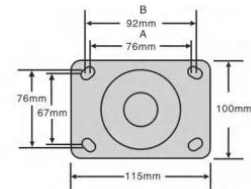
Product advantage description:

1. The inner core of the single wheel is made of imported high-strength polyurethane (PU) wrapped in cast iron, with a Shore hardness of 95- 98 degrees. It has properties such as impact resistance, weight resistance, acid and alkali resistance, fatigue resistance, and shock absorption.
2. The movable support rotating large wave plate is made of high-quality low alloy steel plate, which has strong strength, larger load capacity, and longer service life than ordinary iron plates;
3. The bead plate adopts pressure bearings, making the Zhuo ye manganese steel casters more labor-saving and durable to push
4. The butter for the casters and bearings uses disulfide Ju Li based grease, which has excellent extreme pressure and wear resistance, low friction coefficient, and strong load-bearing capacity, Excellent metal surface adsorption and rust resistance, wide working temperature range, excellent water erosion resistance and corrosion resistance, good oxidation resistance, and extremely long service life.
5. According to the inspection results of third-party institutions, the appearance level of the surface spray treatment of casters can reach level B, the appearance level of the traditional surface electrophoresis treatment of casters can reach level 2, and the appearance level of the traditional surface galvanizing treatment can reach level 1.

22H Innovative Precision Synthetic Rubber (TPR) Caster Wheel Series

Product name	Number	wheel diameter (mm)	wheel width (mm)	Load capacity (kg)	Installation height (mm)	bearing	Radius of gyration (mm)	Straight rolling drive	Steering driving force	single-turn material
4"inch TPR fixed wheel	22H-100G-45-TPR	100(4)	45	150	146	double ball (6202)	102 double brake 155	Fixed straight rolling resistance coefficient $\mu 1$ 0.033	Steering resistance coefficient $\mu 2$ 0.054	Thermoplastic Rubber (TPR) DIN wear resistance coefficient 102mm ³
4"inch TPR active wheel	22H-100H-45-TPR									
4"inch TPR activity double brake wheel	22H-100H-45S-TPR									
4"inch TPR active side brake wheel	22H-100H-45B-TPR									
5"inch TPR fixed wheel	22H-125G-45-TPR	125(5)	45	200	165	double ball (6202)	109 double brake 155	Fixed straight rolling resistance coefficient $\mu 1$ 0.031	Steering resistance coefficient $\mu 2$ 0.06	Thermoplastic Rubber (TPR) DIN wear resistance coefficient 102mm ³
5"inch TPR active wheel	22H-125H-45-TPR									
5"inch TPR activity double brake wheel	22H-125H-45S-TPR									
5"inch TPR active side brake wheel	22H-125H-45B-TPR									
6"inch TPR fixed wheel	22H-150G-45-TPR	150(6)	45	260	193	double ball (6202)	123 double brake 155	Fixed straight rolling resistance coefficient $\mu 1$ 0.03	Steering resistance coefficient $\mu 2$ 0.059	Thermoplastic Rubber (TPR) DIN wear resistance coefficient 102mm ³
6"inch TPR active wheel	22H-150H-45-TPR									
6"inch TPR activity double brake wheel	22H-150H-45S-TPR									
6"inch TPR active side brake wheel	22H-150H-45B-TPR									
8"inch TPR fixed wheel	22H-200G-45-TPR	200(8)	45	300	240	double ball (6202)	168 double brake 182	Fixed straight rolling resistance coefficient $\mu 1$ 0.036	Steering resistance coefficient $\mu 2$ 0.076	Thermoplastic Rubber (TPR) DIN wear resistance coefficient 102mm ³
8"inch TPR active wheel	22H-200H-45-TPR									
8"inch TPR activity double brake wheel	22H-200H-45S-TPR									
8"inch TPR active side brake wheel	22H-200H-45B-TPR									

Zhuoye manganese steel casters



- The thickness of the base plate is 5.5mm
- Installation dimensions: (A) 76x76 (B) 92x67
- Mounting hole diameter 11.2mm

Patented product. Counterfeiting will be prosecuted

Product advantage description:

1. The inner core of the single wheel is made of Taiwan polypropylene (PP), and the outer material is specially made (TPU) polyurethane, which has tear resistance, wear resistance, rebound resistance, shock absorption and buffering, and oil resistance;
2. The movable support rotating large wave plate is made of high-quality low alloy steel plate, which has strong strength, larger load capacity and longer service life than ordinary iron plates;
3. The bead plate adopts pressure bearings, making the Zhuoye manganese steel casters more labor-saving and durable to push.
4. The grease of casters wave plates and bearings adopts Molybdenum disulfide lithium base grease, which has excellent extreme pressure and range of working temperatures, excellent water erosion resistance and corrosion resistance, as well as good antioxidant performance and extremely long service life.
5. According to the inspection results of a third-party organization, the appearance level of the surface spray treatment of the casters can reach 8 levels, The traditional surface electrophoresis treatment of casters has an appearance level of 2, while the traditional surface galvanizing treatment has an appearance level of 1.

23 Heavy-duty Low Gravity Nylon (PA6) Caster Wheel Series

Product name	Number	 wheel diameter (mm)	 wheel width (mm)	 Load capacity (kg)	 installation height (mm)	 bearing	 Radius of gyration (mm)	Straight rolling drive	Steering driving force	 single-turn material
2"Low center of gravity PA6 nylon fixed double wheel	23-50G-2*24-PA6	50	2*24 double wheel profile	400	84	 four ball bearings (6200)	55.2	Fixed straight rolling resistance coefficient mu 1 0.03	Steering resistance coefficient mu 2 0.057	Nylon wheel (Pa6) DIN wear resistance coefficient 21mm ¹
2"Low center of gravity PA6 nylon movable two-wheel	23-50H-2*24-PA6									
2.5"Low center of gravity Pa6 nylon fixed wheel	23-63G-50-PA6	63	50	600	95.5	 double ball (6202)	53	Fixed straight rolling resistance coefficient mu 1 0.03	Steering resistance coefficient mu 2 0.041	
2.5"Low center of gravity Pa6 nylon round	23-63H-50-PA6									
3"Low center of gravity Pa6 nylon fixed wheel	23-75G-50-PA6	75	50	700	109.5	 double ball (6203)	62	Fixed straight rolling resistance coefficient mu 1 0.03	Steering resistance coefficient mu 2 0.041	
3"Low center of gravity Pa6 nylon round	23-75H-50-PA6									
3"PA6 nylon movable double brake wheel with low center of gravity	23-75H-50S-PA6									



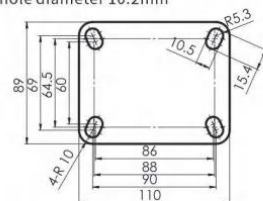
(PA6)



(PA6)



- The thickness of the base plate is 5mm
- Installation dimensions: (A) 86*60mm (B) 90*69mm
- Mounting hole diameter 10.2mm



Screws used for installing dual brake wheels
Recommended to use
GB/T 70.2-2008 Flat round head hexagon socket screws



The odds of butter with MoS2 lithium grease, so that the odds of a longer service life, better lubricating performance.

After testing by third party mechanism, the appearance of the castor surface is up to 8. The appearance of the traditional casters is 2, and the appearance of the traditional galvanized surface is 1.

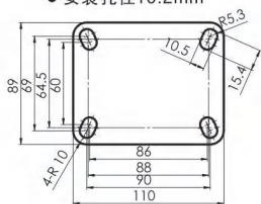
Patented product. Counterfeiting will be prosecuted

GB/T 70.2-2008 Flat round head hexagon socket screws

23 Heavy-duty Low Gravity Nylon (MC) Caster Wheel Series

Product name	Number	 wheel diameter (mm)	 wheel width (mm)	 Load capacity (kg)	 installation height (mm)	 bearing	 Radius of gyration (mm)	Straight rolling drive	Steering driving force	 single-turn material
2"Low center of gravity MC nylon fixed wheel	23-50G-50-MC	50	50	550	84	 双滚珠 (6200)	55.2	Fixed straight rolling resistance coefficient mu 1 0.036	Steering resistance coefficient mu 2 0.06	Nylon wheel (MC) DIN wear resistance coefficient 21mm ³
2"Low center of gravity MC nylon round	23-50H-50-MC									
2.5"Low center of gravity MC nylon fixed wheel	23-63G-50-MC	63	50	750	95.5	 双滚珠 (6202)	53	Fixed straight rolling resistance coefficient mu 1 0.029	Steering resistance coefficient mu 2 0.04	
2.5"Low center of gravity MC nylon round	23-63H-50-MC									
3"Low center of gravity MC nylon fixed wheel	23-75G-50-MC	75	50	1100	109.5	 双滚珠 (6203)	62	Fixed straight rolling resistance coefficient mu 1 0.029	Steering resistance coefficient mu 2 0.04	
3"Low center of gravity MC nylon round	23-75H-50-MC									
3"PA6 nylon movable double brake wheel with low center of gravity	23-75H-50S-MC						129.6			

- 底板厚5.5mm
- 安装尺寸A: 86mm*60mm
B: 90mm*69mm
- 安装孔径10.2mm



(MC)

Zhuoye manganese steel casters

The odds of butter with MoS2 lithium grease, so that the odds of a longer service life, better lubricating performance.

After testing by third party mechanism, the appearance of the castor surface is up to 8. The appearance of the traditional casters is 2, and the appearance of the traditional galvanized surface is 1.



Screws used for installing dual brake wheels
Recommended to use
GB/T 70.2-2008 Flat round head hexagon socket screws



GB/T 70.2-2008 Flat round head hexagon socket screws

Zhuoye Manganese Steel Casters
YTOP Made of manganese steel More labor saving

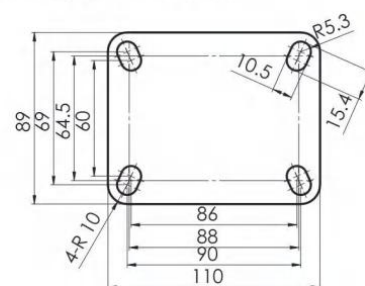
23 Heavy-duty Low Gravity Iron Core (PU) Caster Wheel Series

Product name	Number	 wheel diameter (mm)	 wheel width (mm)	 Load capacity (kg)	 Installation height (mm)	 bearing	 Radius of gyration (mm)	Straight rolling drive	Steering driving force	 single-turn material
2.5"Low center of gravity PU iron core fixed wheel	23-63G-50-PU	63	50	750	95.5	 double ball (6202)	53	Fixed straight rolling resistance coefficient mu 1 0.029	Steering resistance coefficient mu 2 0.04	Iron core (PU) DIN wear resis- -tance coeffi- -cient 130mm ³
2.5"Low center of gravity PU iron core round	23-63HG-50-PU									
3"Low center of gravity PU iron core fixed wheel	23-63H-50S-PU									
3"Low center of gravity PU iron core fixed wheel	23-75G-50-PU	75	50	1100	109.5	 double ball (6203)	62			
3"Low center of gravity PU iron core round	23-75H-50-PU									
3"Low center of gravity PU iron core removable double brake wheel	23-75H-50S-PU									

After testing by third party mechanism, the appearance of the castor surface is up to 8. The appearance of the traditional casters is 2, and the appearance of the traditional galvanized surface is 1.

The odds of butter with MoS2 lithium grease, so that the odds of a longer service life, better lubricating performance.

- The thickness of the base plate is 5mm
- Installation dimensions: (A) 86*60mm (B) 90*69mm
- Mounting hole diameter 10.2mm



Screws used for installing dual brake wheels
Recommended to use
GB/T 70.2-2008 Flat round head hexagon socket screws



GB/T 70.2-2008 Flat round head hexagon socket screws

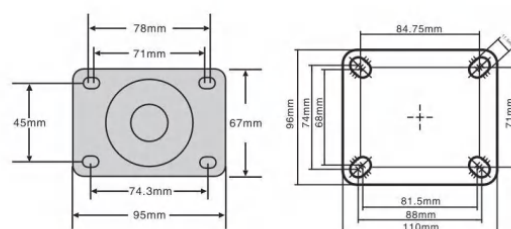
Patented product. Counterfeiting will be prosecuted

Product advantage description:

1. The inner core of the single wheel is made of imported high-strength polyurethane (PU) wrapped in cast iron, with a Shore hardness of 95- 98 degrees. It has properties such as impact resistance, weight resistance, acid and alkali resistance, fatigue resistance, and shock absorption.
2. The movable support rotating large wave plate is made of high-quality low alloy steel plate, which has strong strength, larger load capacity, and longer service life than ordinary iron plates;
3. The bead plate adopts pressure bearings, making the Zhuo ye manganese steel casters more labor-saving and durable to push
4. The butter for the casters and bearings uses disulfide Ju Li based grease, which has excellent extreme pressure and wear resistance, low friction coefficient, and strong load-bearing capacity, Excellent metal surface adsorption and rust resistance, wide working temperature range, excellent water erosion resistance and corrosion resistance, good oxidation resistance, and extremely long service life.
5. According to the inspection results of third-party institutions, the appearance level of the surface spray treatment of casters can reach level B the appearance level of the traditional surface electrophoresis treatment of casters can reach level 2, and the appearance level of the traditional surface galvanizing treatment can reach level 1.

23X Medium-duty Low Gravity Nylon (PA6) Caster Wheel Series

Product name	Number	 wheel diameter (mm)	 wheel width (mm)	 Load capacity (kg)	 installation height (mm)	 bearing	 Radius of gyration (mm)	Straight rolling drive	Steering driving force	 single-turn material
1.5"Medium sized low gravity PA6 nylon movable wheel	23X-40H-37-PA6	40	37	150	65	 (6000) double ball	49	(A)78 × 45 (B)71 × 45	(D)8.2	Nylon wheel (Pa6) DIN wear resistance coefficient 21mm ³
2"Medium sized low gravity PA6 nylon movable wheel	23X-50H-37-PA6	50		200	75	 (6000) double ball	54			
2.5"Medium sized low gravity PA6 nylon movable wheel	23X-63H-37-PA6	63		300	89	 (6202) double ball	61.5			
3"Medium sized low gravity PA6 nylon movable wheel	23X-75H-37-PA6	75		400	100	 (6202) double ball	67.5			
1.5"Medium sized low gravity PA6 nylon movable wheel	23XD-40H-37-PA6	40	37	150	66	 (6000) double ball	49	(A)86 × 60 (B)90 × 69	(D)10.5	
2"Medium sized low gravity PA6 nylon movable wheel	23XD-50H-37-PA6	50		200	76	 (6000) double ball	54			
2.5"Medium sized low gravity PA6 nylon movable wheel	23XD-63H-37-PA6	63		300	90	 (6202) double ball	61.5			
3"Medium sized low gravity PA6 nylon movable wheel	23XD-75H-37-PA6	75		400	101	 (6202) double ball	67.5			
1.5"Medium sized low gravity PA6 nylon movable wheel	23X-40S-37-PA6	40	37	150	65	 (6000) double ball	49	M16		
2"Medium sized low gravity PA6 nylon movable wheel	23X-50S-37-PA6	50		200	75	 (6000) double ball	54			
2.5"Medium sized low gravity PA6 nylon movable wheel	23X-63S-37-PA6	63		300	89	 (6202) double ball	61.5			
3"Medium sized low gravity PA6 nylon movable wheel	23X-75S-37-PA6	75		400	100	 (6202) double ball	67.5			



- The thickness of the base plate is 3.5mm
- Installation dimensions: (A) 78*45mm (B) 71*45mm
- Mounting hole diameter 8.2mm

Zhuoye manganese steel casters

Patented product. Counterfeiting will be prosecuted

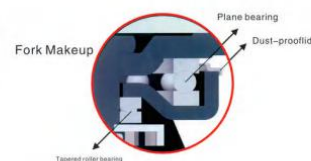
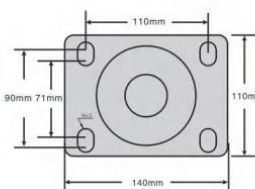
Product advantage description:

1. The single wheel is made of nylon (PA) material and molded in one injection molding. Nylon PAG has high load-bearing strength, high tensile strength, good toughness, compressive strength, and excellent friction resistance. Nylon PAG has a relatively high water absorption rate. As the newly produced product is relatively fragmented, it needs to be stored for about 15 days or boiled in water to meet the toughness requirements.
2. The movable support rotating large wave plate is made of high-quality low alloy steel plate, which has strong strength, larger load capacity, and longer service life than ordinary iron plates;
3. The bead plate adopts pressure bearings, making the Zhuoye manganese steel casters more labor-saving and durable to push.
4. The grease of casters' wave plates and bearings adopts Molybdenum disulfide lithium base grease, which has excellent extreme pressure and anti-wear performance, low friction coefficient and strong bearing capacity, Excellent metal surface adsorption and rust resistance, with a wider range of working temperatures, Excellent water erosion resistance and corrosion resistance, as well as good antioxidant performance: Extremely long service life.
5. According to the inspection results of a third-party organization, the appearance level of the surface spray treatment of the casters can reach 8 levels. The traditional surface electrophoresis treatment of casters has an appearance level of 2, while the traditional surface galvanizing treatment has an appearance level of 1.

24 Super Heavy-duty Nylon (PA6) Caster Wheel Series

Product name	Number	wheel diameter (mm)	wheel width (mm)	Load capacity (kg)	Installation height (mm)	bearing	Radius of gyration (mm)	Straight rolling drive	Steering driving force	single-turn material
4"Nylon Pa6 fixed wheel	Z-100G-50-PA6	100	50	900	156.5	double ball (6204)	81 double brake 156	Fixed straight rolling resistance coefficient μ_1 0.029	Steering resistance coefficient μ_2 0.033	Nylon wheel (Pa6) DIN wear resistance coefficient 21mm ³
4"Nylon Pa6 wheel	Z-100H-50-PA6									
4"Nylon Pa6 activity double brake wheel	Z-100H-50S-PA6									
5"Nylon Pa6 fixed wheel	Z-125G-50-PA6	125	50	950	178.5	double ball (6204)	104 double brake 159	Fixed straight rolling resistance coefficient μ_1 0.03	Steering resistance coefficient μ_2 0.035	Nylon wheel (Pa6) DIN wear resistance coefficient 21mm ³
5"Nylon Pa6 wheel	Z-125H-50-PA6									
5"Nylon Pa6 activity double brake wheel	Z-125H-50S-PA6									
6"Nylon Pa6 fixed wheel	Z-150G-50-PA6	150	50	1000	202	double ball (6204)	124 double brake 156	Fixed straight rolling resistance coefficient μ_1 0.028	Steering resistance coefficient μ_2 0.034	Nylon wheel (Pa6) DIN wear resistance coefficient 21mm ³
6"Nylon Pa6 wheel	Z-150H-50-PA6									
6"Nylon Pa6 activity double brake wheel	Z-150H-50S-PA6									
8"Nylon Pa6 fixed wheel	Z-200G-50-PA6	200	50	1100	253	double ball (6204)	150 double brake 179	Fixed straight rolling resistance coefficient μ_1 0.027	Steering resistance coefficient μ_2 0.033	Nylon wheel (Pa6) DIN wear resistance coefficient 21mm ³
8"Nylon Pa6 wheel	Z-200H-50-PA6									
8"Nylon Pa6 activity double brake wheel	Z-200H-50S-PA6									

Zhuoye manganese steel casters



- The thickness of the base plate is 8mm
- Installation dimensions: (A) 110*90mm (B) 110*71mm
- Mounting hole diameter 12.5mm

Patented product. Counterfeiting will be prosecuted

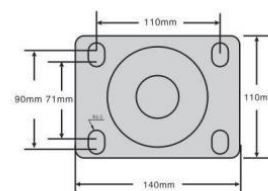
Product advantage description:

1. The single wheel is made of nylon (PA) material and molded in one injection molding. Nylon PAG has high load-bearing strength, high tensile strength, good toughness, compressive strength, and excellent friction resistance. Nylon PAG has a relatively high water absorption rate. As the newly produced product is relatively fragmented, it needs to be stored for about 15 days or boiled in water to meet the toughness requirements.
2. The movable support rotating large wave plate is made of high-quality low alloy steel plate, which has strong strength, larger load capacity, and longer service life than ordinary iron plates;
3. The bead plate adopts pressure bearings, making the Zhuoye manganese steel casters more labor-saving and durable to push.
4. The grease of casters' wave plates and bearings adopts Molybdenum disulfide lithium base grease, which has excellent extreme pressure and anti-wear performance, low friction coefficient and strong bearing capacity, Excellent metal surface adsorption and rust resistance, with a wider range of working temperatures, Excellent water erosion resistance and corrosion resistance, as well as good antioxidant performance: Extremely long service life.
5. According to the inspection results of a third-party organization, the appearance level of the surface spray treatment of the casters can reach 8 levels. The traditional surface electrophoresis treatment of casters has an appearance level of 2, while the traditional surface galvanizing treatment has an appearance level of 1.

24 Super Heavy-duty Nylon (MC) Caster Wheel Series

Product name	Number	wheel diameter (mm)	wheel width (mm)	Load capacity (kg)	installation height (mm)	bearing	Radius of gyration (mm)	Straight rolling drive	Steering driving force	single-turn material
4"MCNylon fixed wheel	Z-100G-50-MC	100	50	1100	156.5	double ball (6204)	81	Fixed straight rolling resistance coefficient μ_1 0.027	Steering resistance coefficient μ_2 0.03	Nylon wheel (MC) DIN wear resistance coefficient 21mm ³
4"MCNylon wheel	Z-100H-50-MC									
4"MCNylon activity double brake wheel	Z-100H-50S-MC									
5"MCNylon fixed wheel	Z-125G-50-MC	125	50	1300	178.5	double ball (6204)	104	Fixed straight rolling resistance coefficient μ_1 0.027	Steering resistance coefficient μ_2 0.032	Nylon wheel (MC) DIN wear resistance coefficient 21mm ³
5"MCNylon wheel	Z-125H-50-MC									
5"MCNylon activity double brake wheel	Z-125H-50S-MC									
6"MCNylon fixed wheel	Z-150G-50-MC	150	50	1600	202	double ball (6204)	124	Fixed straight rolling resistance coefficient μ_1 0.028	Steering resistance coefficient μ_2 0.032	Nylon wheel (MC) DIN wear resistance coefficient 21mm ³
6"MCNylon wheel	Z-150H-50-MC									
6"MCNylon activity double brake wheel	Z-150H-50S-MC									
8"MCNylon fixed wheel	Z-200G-50-MC	200	50	1600	253	double ball (6204)	150	Fixed straight rolling resistance coefficient μ_1 0.03	Steering resistance coefficient μ_2 0.033	Nylon wheel (MC) DIN wear resistance coefficient 21mm ³
8"MCNylon wheel	Z-200H-50-MC									
8"MCNylon activity double brake wheel	Z-200H-50S-MC									

Zhuoye manganese steel casters



- The thickness of the base plate is 8mm
- Installation dimensions: (A) 110*90mm (B) 110*71mm
- Mounting hole diameter 12.5mm

Patented product. Counterfeiting will be prosecuted

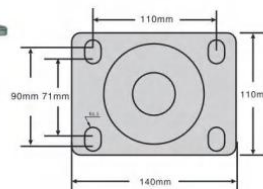
Product advantage description:

1. The single wheel is made of MC nylon material, which is cast and processed by machine tools. The molecular weight of MC nylon is twice that of PA6, resulting in better mechanical properties, fatigue resistance, wear resistance, and impact strength than PA6.
2. The movable support rotating large wave plate is made of high-quality low alloy steel plate, which has strong strength, larger load capacity and longer service life than ordinary iron plates;
3. The bead plate adopts pressure bearings, making the Zhuoye manganese steel casters more labor-saving and durable to push.
4. The grease of casters' wave plates and bearings adopts Molybdenum disulfide lithium base grease, which has excellent extreme pressure and anti-wear performance, low friction coefficient and strong bearing capacity, Excellent metal surface adsorption and rust resistance, with a wider range of working temperatures Excellent water erosion resistance and corrosion resistance, as well as good antioxidant performance Extremely long service life.
5. According to the inspection results of a third-party organization, the appearance level of the surface spray treatment of the casters can reach 8 levels: The traditional surface electrophoresis treatment of casters has an appearance level of 2, while the traditional surface galvanizing treatment has an appearance level of 1.

24 Super Heavy-duty Iron Core Polyurethane (PU) Caster Wheel Series

Product name	Number	wheel diameter (mm)	wheel width (mm)	Load capacity (kg)	Installation height (mm)	bearing	Radius of gyration (mm)	Straight rolling drive	Steering driving force	single-turn material
4"Core polyurethane PU fixed wheel	Z-100G-50-PU	100	50	700	156.5	double ball (6204)	81	Fixed straight rolling resistance coefficient $\mu 1$ 0.027	Steering resistance coefficient $\mu 2$ 0.038	Iron core (PU) DIN wear resistance coefficient 130mm ³
4"Core polyurethane PU round	Z-100H-50-PU									
4"Core polyurethane PU double brake wheel	Z-100H-50S-PU									
5"Core polyurethane PU fixed wheel	Z-125G-50-PU	125	50	800	178.5	double ball (6204)	104	Fixed straight rolling resistance coefficient $\mu 1$ 0.028	Steering resistance coefficient $\mu 2$ 0.038	Iron core (PU) DIN wear resistance coefficient 130mm ³
5"Core polyurethane PU round	Z-125H-50-PU									
5"Core polyurethane PU double brake wheel	Z-125H-50S-PU									
6"Core polyurethane PU fixed wheel	Z-150G-50-PU	150	50	850	202	double ball (6204)	124	Fixed straight rolling resistance coefficient $\mu 1$ 0.029	Steering resistance coefficient $\mu 2$ 0.034	Iron core (PU) DIN wear resistance coefficient 130mm ³
6"Core polyurethane PU round	Z-150H-50-PU									
6"Core polyurethane PU double brake wheel	Z-150H-50S-PU									
8"Core polyurethane PU fixed wheel	Z-200G-50-PU	200	50	1000	253	double ball (6204)	150	Fixed straight rolling resistance coefficient $\mu 1$ 0.033	Steering resistance coefficient $\mu 2$ 0.036	Iron core (PU) DIN wear resistance coefficient 130mm ³
8"Core polyurethane PU round	Z-200H-50-PU									
8"Core polyurethane PU double brake wheel	Z-200H-50S-PU									

Zhuoye manganese steel casters



- The thickness of the base plate is 8mm
- Installation dimensions: (A) 110*90mm (B) 110*71mm
- Mounting hole diameter 12.5mm

Patented product. Counterfeiting will be prosecuted

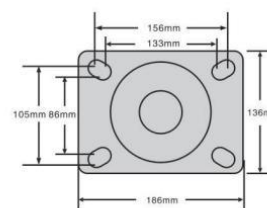
Product advantage description:

1. The inner core of the single wheel is made of imported high-strength polyurethane (PU) wrapped in cast iron, with a Shore hardness of 95- 98 degrees. It has properties such as impact resistance, weight resistance, acid and alkali resistance, fatigue resistance, and shock absorption.
2. The movable support rotating large wave plate is made of high-quality low alloy steel plate, which has strong strength, larger load capacity, and longer service life than ordinary iron plates;
3. The bead plate adopts pressure bearings, making the Zhuoye manganese steel casters more labor-saving and durable to push
4. The butter for the casters and bearings uses disulfide Ju Li based grease, which has excellent extreme pressure and wear resistance, low friction coefficient, and strong load-bearing capacity, Excellent metal surface adsorption and rust resistance, wide working temperature range, excellent water erosion resistance and corrosion resistance, good oxidation resistance, and extremely long service life.
5. According to the inspection results of third-party institutions, the appearance level of the surface spray treatment of casters can reach level B, the appearance level of the traditional surface electrophoresis treatment of casters can reach level 2, and the appearance level of the traditional surface galvanizing treatment can reach level 1.

25 Extra Heavy-duty Nylon (MC) Caster Wheel Series

Product name		Number	 wheel diameter (mm)	 wheel width (mm)	 Load capacity (kg)	 installation height (mm)	 bearing	 Radius of gyration (mm)	Straight rolling drive	Steering driving force	 single-turn material
6"Special type nylon fixed wheel	25-150G-75-MC	150	75	2600	224			120		(D)14.2	Nylon wheel (MC) DIN wear resistance coefficient 21mm ³
6"Special type nylon wheel	25-150H-75-MC										
6"Special type nylon single brake wheel	25-150H-75S-MC										
8"Special type nylon fixed wheel	25-200G-75-MC	200		3000	269	 double ball (6205)	160	(A)86 × 133 (B)105 × 156			
8"Special type nylon wheel	25-200H-75-MC										
8"Special type nylon single brake wheel	25-200H-75S-MC										
10"Special type nylon fixed wheel	25-250G-75-MC	250		3200	314		200				
10"Special type nylon wheel	25-250H-75-MC										
10"Special type nylon single brake wheel	25-250H-75S-MC										
12"Special type nylon fixed wheel	25-300G-75-MC	300		3200	362		240				
12"Special type nylon wheel	25-300H-75-MC										
12"Special type nylon single brake wheel	25-300H-75S-MC										

Zhuoye manganese steel casters



- The thickness of the base plate is 10mm
- Mounting hole diameter 14.2mm

Patented product. Counterfeiting will be prosecuted

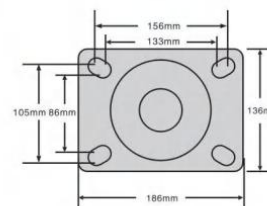
Product advantage description:

1. The single wheel is made of MC nylon material, which is cast and processed by machine tools. The molecular weight of MC nylon is twice that of PA6, resulting in better mechanical properties, fatigue resistance, wear resistance, and impact strength than PA6.
2. The movable support rotating large wave plate is made of high-quality low alloy steel plate, which has strong strength, larger load capacity and longer service life than ordinary iron plates;
3. The bead plate adopts pressure bearings, making the Zhuoye manganese steel casters more labor-saving and durable to push.
4. The grease of casters' wave plates and bearings adopts Molybdenum disulfide lithium base grease, which has excellent extreme pressure and anti-wear performance, low friction coefficient and strong bearing capacity, Excellent metal surface adsorption and rust resistance, with a wider range of working temperatures. Excellent water erosion resistance and corrosion resistance, as well as good antioxidant performance. Extremely long service life.
5. According to the inspection results of a third-party organization, the appearance level of the surface spray treatment of the casters can reach 8 levels: The traditional surface electrophoresis treatment of casters has an appearance level of 2, while the traditional surface galvanizing treatment has an appearance level of 1.

25 Extra Heavy-duty Iron Core Polyurethane (PU) Caster Wheel Series

Product name	Number	 wheel diameter (mm)	 wheel width (mm)	 Load capacity (kg)	 installation height (mm)	 bearing	 Radius of gyration (mm)	Straight rolling drive	Steering driving force	 single-turn material
6"Special type PU fixed wheel	25-150G-75-PU	150	75	1200	224		120 120		(D)14.2	Iron core (PU) DIN wear resis- -tance coeffic- -ient 130mm³
6"Special type PU wheel	25-150H-75-PU									
6"Special type PU single brake wheel	25-150H-75S-PU									
8"Special type PU fixed wheel	25-200G-75-PU	200		2000	269	 double ball (6205)	160 160 200	(A)86 × 133 (B)105 × 156		
8"Special type PU wheel	25-200H-75-PU									
8"Special type PU single brake wheel	25-200H-75S-PU									
10"Special type PU fixed wheel	25-250G-75-PU	250		2200	314		240 200			
10"Special type PU wheel	25-250H-75-PU									
10"Special type PU single brake wheel	25-250H-75S-PU									
12"Special type PU fixed wheel	25-300G-75-PU	300		2500	362		240			
12"Special type PU wheel	25-300H-75-PU									
12"Special type PU single brake wheel	25-300H-75S-PU									

Zhuoye manganese steel casters



- The thickness of the base plate is 10mm
- Mounting hole diameter 14.2mm

Patented product. Counterfeiting will be prosecuted

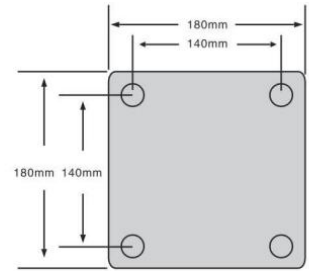
Product advantage description:

1. The inner core of the single wheel is made of imported high-strength polyurethane (PU) wrapped in cast iron, with a Shore hardness of 95- 98 degrees. It has properties such as impact resistance, weight resistance, acid and alkali resistance, fatigue resistance, and shock absorption.
2. The movable support rotating large wave plate is made of high-quality low alloy steel plate, which has strong strength, larger load capacity, and longer service life than ordinary iron plates;
3. The bead plate adopts pressure bearings, making the Zhuo ye manganese steel casters more labor-saving and durable to push
4. The butter for the casters and bearings uses disulfide Ju Li based grease, which has excellent extreme pressure and wear resistance, low friction coefficient, and strong load-bearing capacity, Excellent metal surface adsorption and rust resistance, wide working temperature range, excellent water erosion resistance and corrosion resistance, good oxidation resistance, and extremely long service life.
5. According to the inspection results of third-party institutions, the appearance level of the surface spray treatment of casters can reach level B, the appearance level of the traditional surface electrophoresis treatment of casters can reach level 2, and the appearance level of the traditional surface galvanizing treatment can reach level 1.

26 Extra Heavy-duty Nylon (MC) Caster Wheel Series

Product name	Number	 wheel diameter (mm)	 wheel width (mm)	 Load capacity (kg)	 installation height (mm)	 bearing	 Radius of gyration (mm)	Straight rolling drive	Steering driving force	 single-turn material
6"Super super heavy nylon fixed wheel	26-150G-75-MC	150	75	4800	263	 double ball (6205)	120	(A)140 × 140	(D)17	Nylon wheel (MC) DIN wear resistance coefficient 21mm ³
6"Super super heavy nylon wheel	26-150H-75-MC									
8"Super super heavy nylon fixed wheel	26-200G-75-MC	200		4800	310	160				
8"Super super heavy nylon wheel	26-200H-75-MC									
10"Super super heavy nylon fixed wheel	26-250G-75-MC	250		5000	365	200				
10"Super super heavy nylon wheel	26-250H-75-MC									
12"Super super heavy nylon fixed wheel	26-300G-75-MC	300		5000	400	240				
12"Super super heavy nylon wheel	26-300H-75-MC									

Zhuoye manganese steel casters



- The thickness of the base plate is 20mm
- Mounting hole diameter 17mm

Patented product. Counterfeiting will be prosecuted

Product advantage description:

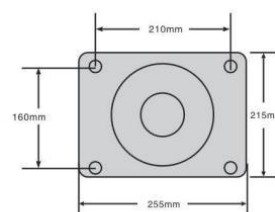
1. The single wheel is made of MC nylon material, which is cast and processed by machine tools. The molecular weight of MC nylon is twice that of PA6, resulting in better mechanical properties, fatigue resistance, wear resistance, and impact strength than PA6.
2. The movable support rotating large wave plate is made of high-quality low alloy steel plate, which has strong strength, larger load capacity and longer service life than ordinary iron plates;
3. The bead plate adopts pressure bearings, making the Zhuoye manganese steel casters more labor-saving and durable to push.
4. The grease of casters' wave plates and bearings adopts Molybdenum disulfide lithium base grease, which has excellent extreme pressure and anti-wear performance, low friction coefficient and strong bearing capacity, Excellent metal surface adsorption and rust resistance, with a wider range of working temperatures Excellent water erosion resistance and corrosion resistance, as well as good antioxidant performance Extremely long service life.
5. According to the inspection results of a third-party organization, the appearance level of the surface spray treatment of the casters can reach 8 levels: The traditional surface electrophoresis treatment of casters has an appearance level of 2, while the traditional surface galvanizing treatment has an appearance level of 1.

27 Extra Heavy-duty Nylon (MC) Caster Wheel Series

Product name	Number	wheel diameter (mm)	wheel width (mm)	Load capacity (kg)	Installation height (mm)	bearing	Radius of gyration (mm)	Straight rolling drive	Steering driving force	single-turn material
6"Special heavy nylon fixed wheel	27-150G-120-MC	150	120	7000	280	double ball (6206)	145	210X160	(D)25	Nylon wheel (MC) DIN wear resistance coefficient 21mm ³
6"Special heavy nylon movable wheel	27-150H-120-MC									
8"Special heavy nylon fixed wheel	27-200G-120-MC	200		7000	330		175			
8"Special heavy nylon movable wheel	27-200H-120-MC									
10"Special heavy nylon fixed wheel	27-250G-120-MC	250		7500	380		205			
10"Special heavy nylon movable wheel	27-250H-120-MC									
12"Special heavy nylon fixed wheel	27-300G-120-MC	300		8000	430		250			
12"Special heavy nylon movable wheel	27-300H-120-MC									



Zhuoye manganese steel casters



- The thickness of the base plate is 20mm
- Mounting hole diameter 25mm

Patented product. Counterfeiting will be prosecuted

Product advantage description:

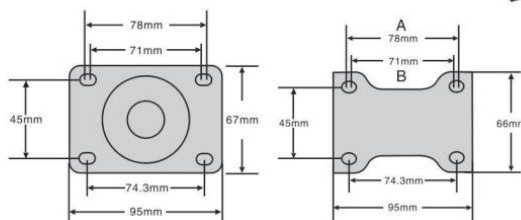
1. The single wheel is made of MC nylon material, which is cast and processed by machine tools. The molecular weight of MC nylon is twice that of PA6, resulting in better mechanical properties, fatigue resistance, wear resistance, and impact strength than PA6.
2. The movable support rotating large wave plate is made of high-quality low alloy steel plate, which has strong strength, larger load capacity and longer service life than ordinary iron plates;
3. The bead plate adopts pressure bearings, making the Zhuoye manganese steel casters more labor-saving and durable to push.
4. The grease of casters' wave plates and bearings adopts Molybdenum disulfide lithium base grease, which has excellent extreme pressure and anti-wear performance, low friction coefficient and strong bearing capacity, Excellent metal surface adsorption and rust resistance, with a wider range of working temperatures. Excellent water erosion resistance and corrosion resistance, as well as good antioxidant performance. Extremely long service life.
5. According to the inspection results of a third-party organization, the appearance level of the surface spray treatment of the casters can reach 8 levels. The traditional surface electrophoresis treatment of casters has an appearance level of 2, while the traditional surface galvanizing treatment has an appearance level of 1.

31 Economy black polyurethane (TPU) medium-sized series

Product name	Number	 wheel diameter (mm)	 wheel width (mm)	 Load capacity (kg)	 installation height (mm)	 Lead screw specifications (mm)	 Top hole specification (mm)	 Radius of gyration (mm)	Straight rolling drive	Steering driving force	 single-turn material
2.5"TPU Fixed wheel	31-63G-32-TPU(B)	63(2½)	32	90	95.5	M12×25	Ø12.5	68.5 double brake 120	Fixed straight rolling resistance coefficient mu 1 0.048	Steering resistance coefficient mu 2 0.07	Polyurethane (TPU) DIN wear resistance coefficient 25mm ¹
2.5"Flat TPU Movable wheel	31-63H-32-TPU(B)										
2.5"Flat TPU Activity double brake wheel	31-63H-32S-TPU(B)										
2.5"Flat TPU Movable side brake wheel	31-63H-32B-TPU(B)										
2.5"Wire rod TPU Movable wheel	31-63S-32-TPU(B)										
2.5"Wire rod TPU Activity double brake wheel	31-63S-32S-TPU(B)										
2.5"Wire rod TPU Movable side brake wheel	31-63S-32B-TPU(B)										
3"TPU Fixed wheel	31-75G-32-TPU(B)	75(3)	32	110	105	M12×25	Ø12.5	75.5 double brake 120	Fixed straight rolling resistance coefficient mu 1 0.047	Steering resistance coefficient mu 2 0.068	
3"Flat TPU Movable wheel	31-75H-32-TPU(B)										
3"Flat TPU Activity double brake wheel	31-75H-32S-TPU(B)										
3"Flat TPU Movable side brake wheel	31-75H-32B-TPU(B)										
3"Wire rod TPU Movable wheel	31-75S-32-TPU(B)										
3"Wire rod TPU Activity double brake wheel	31-75S-32S-TPU(B)										
3"Wire rod TPU Movable side brake wheel	31-75S-32B-TPU(B)										
4"TPU Fixed wheel	31-100G-32-TPU(B)	100(4)	32	150	132	M12×25	Ø12.5	85.5 double brake 120	Fixed straight rolling resistance coefficient mu 1 0.039	Steering resistance coefficient mu 2 0.0481	
4"Flat TPU Movable wheel	31-100H-32-TPU(B)										
4"Flat TPU Activity double brake wheel	31-100H-32S-TPU(B)										
4"Flat TPU Movable side brake wheel	31-100H-32B-TPU(B)										
4"Wire rod TPU Movable wheel	31-100S-32-TPU(B)										
4"Wire rod TPU Activity double brake wheel	31-100S-32S-TPU(B)										
4"Wire rod TPU Movable side brake wheel	31-100S-32B-TPU(B)										
5"TPU Fixed wheel	31-125G-32-TPU(B)	125(5)	32	170	155	M12×25	Ø12.5	105 double brake 120	Fixed straight rolling resistance coefficient mu 1 0.0367	Steering resistance coefficient mu 2 0.061	
5"Flat TPU Movable wheel	31-125H-32-TPU(B)										
5"Flat TPU Activity double brake wheel	31-125H-32S-TPU(B)										
5"Flat TPU Movable side brake wheel	31-125H-32B-TPU(B)										
5"Wire rod TPU Movable wheel	31-125S-32-TPU(B)										
5"Wire rod TPU Activity double brake wheel	31-125S-32S-TPU(B)										
5"Wire rod TPU Movable side brake wheel	31-125S-32B-TPU(B)										

- The thickness of the base plate is 3.5mm
- Installation dimensions: (A) 78*45 (B) 71*45
- Mounting hole diameter 8.2mm

Zhuoye manganese steel casters

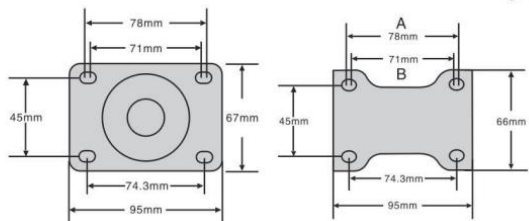


31 Medium sized series of economical polypropylene (PP)

Product name	Number	 wheel diameter (mm)	 wheel width (mm)	 Load capacity (kg)	 installation height (mm)	 Lead screw specifications (mm)	 top hole specification (mm)	 Radius of gyration (mm)	Straight rolling drive	Steering driving force	 single-turn material
2.5"PP Fixed wheel	31-63G-32-PP	63(2½)	32	90	95.5	M12×25	Ø12.5	68.5 double brake 120	Fixed straight rolling resistance coefficient mu 1 0.0397	Steering resistance coefficient mu 2 0.0498	Polypropylene (PP) DIN wear resistance coefficient 53mm³
2.5"Flat PP Movable wheel	31-63H-32-PP										
2.5"Flat PP Activity double brake wheel	31-63H-32S-PP										
2.5"Flat PP Movable side brake wheel	31-63H-32B-PP										
2.5"Wire rod PP Movable wheel	31-63S-32-PP										
2.5"Wire rod PP Activity double brake wheel	31-63S-32S-PP										
2.5"Wire rod PP Movable side brake wheel	31-63S-32B-PP										
3"PP Fixed wheel	31-75G-32-PP	75(3)	32	110	105	M12×25	Ø12.5	75.5 double brake 120	Fixed straight rolling resistance coefficient mu 1 0.034	Steering resistance coefficient mu 2 0.049	
3"Flat PP Movable wheel	31-75H-32-PP										
3"Flat PP Activity double brake wheel	31-75H-32S-PP										
3"Flat PP Movable side brake wheel	31-75H-32B-PP										
3"Wire rod PP Movable wheel	31-75S-32-PP										
3"Wire rod PP Activity double brake wheel	31-75S-32S-PP										
3"Wire rod PP Movable side brake wheel	31-75S-32B-PP										
4"PP Fixed wheel	31-100G-32-PP	100(4)	32	140	132	M12×25	Ø12.5	85.5 double brake 120	Fixed straight rolling resistance coefficient mu 1 0.0323	Steering resistance coefficient mu 2 0.039	
4"Flat PP Movable wheel	31-100H-32-PP										
4"Flat PP Activity double brake wheel	31-100H-32S-PP										
4"Flat PP Movable side brake wheel	31-100H-32B-PP										
4"Wire rod PP Movable wheel	31-100S-32-PP										
4"Wire rod PP Activity double brake wheel	31-100S-32S-PP										
4"Wire rod PP Movable side brake wheel	31-100S-32B-PP										
5"PP Fixed wheel	31-125G-32-PP	125(5)	32	160	155	M12×25	Ø12.5	105 double brake 120	Fixed straight rolling resistance coefficient mu 1 0.0283	Steering resistance coefficient mu 2 0.038	
5"Flat PP Movable wheel	31-125H-32-PP										
5"Flat PP Activity double brake wheel	31-125H-32S-PP										
5"Flat PP Movable side brake wheel	31-125H-32B-PP										
5"Wire rod PP Movable wheel	31-125S-32-PP										
5"Wire rod PP Activity double brake wheel	31-125S-32S-PP										
5"Wire rod PP Movable side brake wheel	31-125S-32B-PP										

- The thickness of the base plate is 3.5mm
- Installation dimensions: (A) 78*45 (B) 71*45
- Mounting hole diameter 8.2mm

Zhuoye manganese steel casters

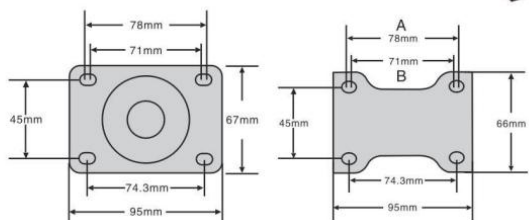


31 Economic Synthetic Rubber (TPR) Medium Series

Product name	Number	 wheel diameter (mm)	 wheel width (mm)	 Load capacity (kg)	 installation height (mm)	 Lead screw specifications (mm)	 Top hole specification (mm)	 Radius of gyration (mm)	Straight rolling drive	Steering driving force	 single-turn material
2.5"TPR Fixed wheel	31-63G-32-TPR	63(2½)	32	90	95.5	M12×25	Ø12.5	68.5 double brake 120	Fixed straight rolling resistance coefficient mu 1 0.0468	Steering resistance coefficient mu 2 0.0712	Thermoplastic Rubber (TPR) DIN wear resistance coefficient 102mm ¹
2.5"Flat TPR Movable wheel	31-63H-32-TPR										
2.5"Flat TPR Activity double brake wheel	31-63H-32S-TPR										
2.5"Flat TPR Movable side brake wheel	31-63H-32B-TPR										
2.5"Wire rod TPR Movable wheel	31-63S-32-TPR										
2.5"Wire rod TPR Activity double brake wheel	31-63S-32S-TPR										
2.5"Wire rod TPR Movable side brake wheel	31-63S-32B-TPR										
3"TPR Fixed wheel	31-75G-32-TPR	75(3)	32	110	105	M12×25	Ø12.5	75.5 double brake 120	Fixed straight rolling resistance coefficient mu 1 0.0418	Steering resistance coefficient mu 2 0.0683	
3"Flat TPR Movable wheel	31-75H-32-TPR										
3"Flat TPR Activity double brake wheel	31-75H-32S-TPR										
3"Flat TPR Movable side brake wheel	31-75H-32B-TPR										
3"Wire rod TPR Movable wheel	31-75S-32-TPR										
3"Wire rod TPR Activity double brake wheel	31-75S-32S-TPR										
3"Wire rod TPR Movable side brake wheel	31-75S-32B-TPR										
4"TPR Fixed wheel	31-100G-32-TPR	100(4)	32	120	132	M12×25	Ø12.5	85.5 double brake 120	Fixed straight rolling resistance coefficient mu 1 0.04	Steering resistance coefficient mu 2 0.0763	
4"Flat TPR Movable wheel	31-100H-32-TPR										
4"Flat TPR Activity double brake wheel	31-100H-32S-TPR										
4"Flat TPR Movable side brake wheel	31-100H-32B-TPR										
4"Wire rod TPR Movable wheel	31-100S-32-TPR										
4"Wire rod TPR Activity double brake wheel	31-100S-32S-TPR										
4"Wire rod TPR Movable side brake wheel	31-100S-32B-TPR										
5"TPR Fixed wheel	31-125G-32-TPR	125(5)	32	130	155	M12×25	Ø12.5	105 double brake 120	Fixed straight rolling resistance coefficient mu 1 0.0366	Steering resistance coefficient mu 2 0.0619	
5"Flat TPR Movable wheel	31-125H-32-TPR										
5"Flat TPR Activity double brake wheel	31-125H-32S-TPR										
5"Flat TPR Movable side brake wheel	31-125H-32B-TPR										
5"Wire rod TPR Movable wheel	31-125S-32-TPR										
5"Wire rod TPR Activity double brake wheel	31-125S-32S-TPR										
5"Wire rod TPR Movable side brake wheel	31-125S-32B-TPR										

- The thickness of the base plate is 3.5mm
- Installation dimensions: (A) 78*45 (B) 71*45
- Mounting hole diameter 8.2mm

Zhuoye manganese steel casters

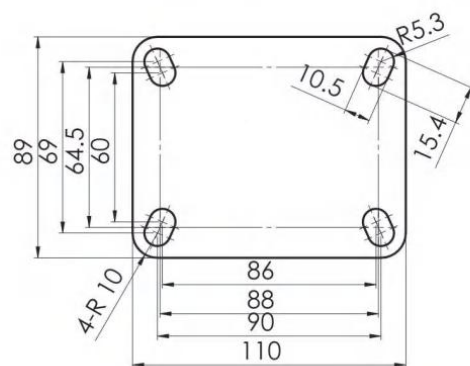


32 Heavy-duty Low Gravity Nylon (PA6) Caster Wheel Series

Product name	Number	 wheel diameter (mm)	 wheel width (mm)	 Load capacity (kg)	 installation height (mm)	 bearing	 Radius of gyration	Straight rolling drive	Steering driving force	 single-turn material
2"Low center of gravity PA6 nylon fixed double wheel	32-50G-2*24-PA6	50	2*24 double wheel profile	400	84	 four ball bearings (6200)	55.2	Fixed straight rolling resistance coefficient μ 1 0.03	Steering resistance coefficient μ 2 0.057	Nylon wheel (Pa6) DIN wear resistance coefficient 21mm ¹
2"Low center of gravity PA6 nylon movable two-wheel	32-50H-2*24-PA6									
2.5"Low center of gravity Pa6 nylon fixed wheel	32-63G-50-PA6	63	50	600	95.5	 double ball (6202)	53	Fixed straight rolling resistance coefficient μ 1 0.03	Steering resistance coefficient μ 2 0.041	
2.5"Low center of gravity Pa6 nylon round	32-63H-50S-PA6									
3"Low center of gravity Pa6 nylon fixed wheel	32-75G-50-PA6	75	50	700	111	 double ball (6203)	62	Fixed straight rolling resistance coefficient μ 1 0.03	Steering resistance coefficient μ 2 0.041	
3"Low center of gravity Pa6 nylon round	32-75H-50-PA6									
3"PA6 nylon movable double brake wheel with low center of gravity	32-75H-50S-PA6									



- The thickness of the base plate is 5.5mm
- Installation dimensions: (A) 86*60 (B) 90*69
- Mounting hole diameter 10.2mm



The odds of butter with MoS2 lithium grease, so that the odds of a longer service life, better lubricating performance.

After testing by third party mechanism, the appearance of the castor surface is up to 8. The appearance of the traditional casters is 2, and the appearance of the traditional galvanized surface is 1.

Patented product. Counterfeiting will be prosecuted

Zhuoye manganese steel casters

Product advantage description:

1. The single wheel is made of nylon (PA) material and molded in one injection molding. Nylon PAG has high load-bearing strength, high tensile strength, good toughness, compressive strength, and excellent friction resistance. Nylon PAG has a relatively high water absorption rate. As the newly produced product is relatively fragmented, it needs to be stored for about 15 days or boiled in water to meet the toughness requirements.
2. The movable support rotating large wave plate is made of high-quality low alloy steel plate, which has strong strength, larger load capacity, and longer service life than ordinary iron plates;
3. The bead plate adopts pressure bearings, making the Zhuoye manganese steel casters more labor-saving and durable to push.
4. The grease of casters' wave plates and bearings adopts Molybdenum disulfide lithium base grease, which has excellent extreme pressure and anti-wear performance, low friction coefficient and strong bearing capacity, Excellent metal surface adsorption and rust resistance, with a wider range of working temperatures, Excellent water erosion resistance and corrosion resistance, as well as good antioxidant performance: Extremely long service life.
5. According to the inspection results of a third-party organization, the appearance level of the surface spray treatment of the casters can reach 8 levels. The traditional surface electrophoresis treatment of casters has an appearance level of 2, while the traditional surface galvanizing treatment has an appearance level of 1.

X Floor Locks Brake (Heavy-duty) Series

NO. model	 Retracted height (mm)	 Extension height (mm)	 Base size (mm)	 installation size (mm)	 mounting hole (mm)	 Load-bearing (Kg)	 Base diameter (mm)	 Material
X-100-45-4	117	143.5	(C)115X100	(A)76X76 (B)92X67	(D)11	400	64	Premium teppanyaki
X-125-45-5	141	167				400	84	
X-150-45-6	168	194				400	84	
X-200-45-8	213	239				400	84	



Example of usage



Patented product. Counterfeiting will be prosecuted

Product Description

This series of products can be fixed and mobile equipment. When in use, with the foot pedal, can increase fixed and mobile devices, a built-in spring made of polyurethane (TPU) pad tightly on the floor, make up the brake caster at 3600 rpm. Unable to step on the foot and foot after a period of time, the wheel wear loss of braking function or round face contact with the ground, defect of easy sliding, unstable.

Scope of application: used for various trucks, electric stacker, automation equipment and various industrial equipment, in the automotive and electronics applications up to.

Installation instructions: this series of brake extension height than casters height range of 3mm-6mm best

Please don't to lift objects used to brake for the purpose.

Please avoid using large slope or hillside.

X Floor Locks Brake (Medium-duty) Series

NO. model	 Retracted height (mm)	 Extension height (mm)	 Base size (mm)	 Installation size (mm)	 Mounting hole (mm)	 Load-bearing (Kg)	 Base diameter (mm)	 Material
X-65-32-2.5	78	96	(C)98X90	(A)78X45 (B)71X45	(D)8.5	100	64	Premium teppanyaki
X-75-32-3	90.5	108				100	64	
X-100-32-4	114.5	133				100	64	
X-125-32-5	140.5	158.5				100	64	



retract



rise

Patented product. Counterfeiting will be prosecuted

Product Description

This series of products can be fixed and mobile equipment. When in use, with the foot pedal, can increase fixed and mobile devices, a built-in spring made of polyurethane (TPU) pad tightly on the floor, make up the brake caster at 3600 rpm. Unable to step on the foot and foot after a period of time, the wheel wear loss of braking function or round face contact with the ground, defect of easy sliding, unstable.

Scope of application: used for various trucks, electric stacker, automation equipment and various industrial equipment, in the automotive and electronics applications up to.

Installation instructions: this series of brake extension height than casters height range of 4mm–10mm best.

Please don't to lift objects used to brake for the purpose.

Please avoid using large slope or hillside.

X Floor Locks Brake (Shock-absorbing Caster) Series

NO. model	 Retracted height (mm)	 Extension height (mm)	 Base size (mm)	 installation size (mm)	 mounting hole (mm)	 Load-bearing (Kg)	 Base diameter (mm)	 Material
X-100R-45-4	107	153	(C)120x120	(A)100x100 (B)100x100	(D)11	400	104	Premium teppanyaki
X-125R-45-5	137	182				400	104	
X-150R-45-6	167	211.5				410	104	
X-200R-45-8	210	256				410	104	



retract



rise

Patented product. Counterfeiting will be prosecuted

Product Description

This series of products can be fixed and mobile equipment. When in use, with the foot pedal, can increase fixed and mobile devices, a built-in spring made of polyurethane (TPU) pad tightly on the floor, make up the brake caster at 3600 rpm. Unable to step on the foot and foot after a period of time, the wheel wear loss of braking function or round face contact with the ground, defect of easy sliding, unstable.

Scope of application: used for various trucks, electric stacker, automation equipment and various industrial equipment, in the automotive and electronics applications up to.

Installation instructions: this series of brake extension height than casters height range of 4mm-8mm best

Please don't to lift objects used to brake for the purpose.

Please avoid using large slope or hillside.

YZ ZHUO YE THE ADJUSTABLE CASTERS SERIES

NO. model	 Wheel diameter (mm)	 Wheel width (mm)	 mounting height (mm)	 Apical pore size (mm)	 Base size (mm)	 installation size (mm)	 mounting hole (mm)	 Bearing specification	 Bearing (Kg)	 Material	
YZ-40D-20	42	20	71+10	M8x10					50	Aluminium Alloy	
YZ-40B-20					(C) 63X63	(A) 49X49	φ 6.5				
YZ-60D-25	50	25	82+10	M12x15				6200	250		Nylon (PA6)
YZ-60B-25					(C) 73X73	(A) 58X58	φ 7				
YZ-80D-30	63	30	102+15	M12x15				6301	500		
YZ-80B-30					(C) 92X92	(A) 70X70	φ 9				
YZ-100D-30	75	30	120+12	M16x20					750		
YZ-100B-30					(C) 92X92	(A) 70X70	φ 9				
YZ-120D-33	75	33	120+12	M16x20					1000		
YZ-120B-33					(C) 95X95	(A) 70X70	φ 11				
YZ-150B-52	96	52	132+15		(C) 100X100	(A) 70X70	φ 13		1500		

Model: B (said four square plate) D (top hole) Z (said single belting leather bearing)



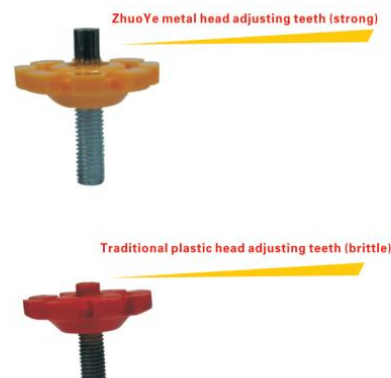
Product Description

This series product castor for aluminum alloy, single wheel material for nylon (Pa6), surface for spraying, the support base for aluminum, outsourcing rubber, Single belting leather bearing is single wheel without bearing service life three times, and make the object push up more easily and more smoothly, ZhuoYe metal adjustment changed the traditional plastic adjustment tooth broken easily Defect of the ZhuoYe adjust wheel quick lifting of mat is 4 times of that of the traditional regulating wheel speed, real efficiency, save time for the user! Scope: medical equipment, communications equipment, vending machines, processing equipment, heavy machinery, etc.

Y ZHUO YE THE ADJUSTABLE CASTERS SERIES

NO.									
model	Wheel diameter (mm)	Wheel width (mm)	mounting height (mm)	Apical pore size (mm)	Base size (mm)	installation size (mm)	mounting hole (mm)	Bearing (Kg)	Material
Y-40D-20	42	20	71+10	M8x10				50	Cast steel Nylon (PA6)
Y-40B-20					(C) 63X63	(A) 49X49	φ 6.5		
Y-60D-25	50	25	82+10	M12x15				250	
Y-60B-25					(C) 73X73	(A) 58X58	φ 7		
Y-80D-30	63	30	102+15	M12x15				500	
Y-80B-30					(C) 92X92	(A) 70X70	φ 9		
Y-100D-30	75	30	120+12	M16x20				750	
Y-100B-30					(C) 92X92	(A) 70X70	φ 9		
Y-120D-33	75	33	120+12	M16x20				1000	
Y-120B-33					(C) 95X95	(A) 70X70	φ 11		
Y-150B-52	96	52	132+15		(C) 100X100	(A) 70X70	φ 13	1500	

Model: B (said four square plate) D (top hole) Z (said single belting leather bearing)



专利产品 仿冒必究

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