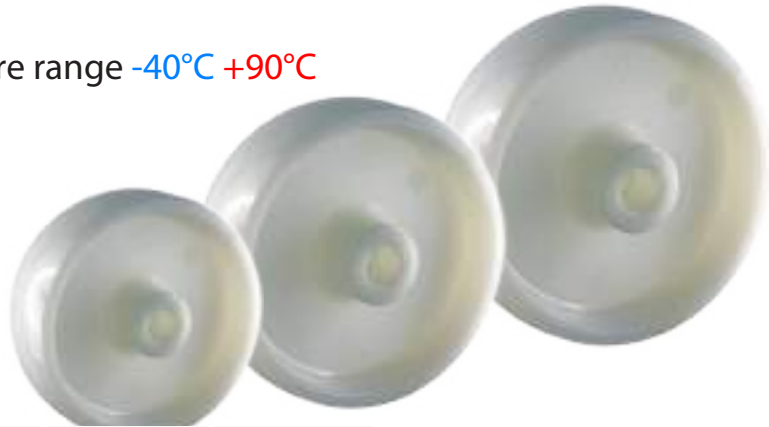




POLY-D Series

Wheel hardness 70 Shore D, temperature range -40°C +90°C



| Wheel Ø | Ø 80 | Ø 80 | Ø 100 | Ø 100 | Ø 125 |
|-------------------------|-----------------|-----------------|-----------------|-----------------|-------------------|
| Tread width | 35 | 35 | 35 | 35 | 40 |
| Bore Ø | 12 | 12 | 12 | 12 | 15 |
| Hub length | 40 | 45 | 40 | 45 | 45 |
| Load capacity | 250 | 250 | 300 | 300 | 400 |
| Codes | | | | | |
| Plain bore | NY8040 | NY8045 | NY10040 | NY10045 | NY12545 |
| Roller bearing | NY8040R | NY8045R | NY10040R | NY10045R | NY12545R |
| Inox roller bearing | NY8040RX | NY8045RX | NY10040RX | NY10045RX | NY12545RX |
| Axle accessories | | | | | |
| Axle bush | BSX12841 | BSX12847 | BSX12841 | BSX12847 | BSX151047 |
| Roller bearing | ZR122035 | ZR122040 | ZR122035 | ZR122040 | ZR152540 |
| Inox roller bearing | SR122035 | SR122040 | SR122035 | SR122040 | SR152540 |
| Axle bolt + nut | VTX855 / VTZ855 | VTX860 / VTZ860 | VTX855 / VTZ855 | VTX860 / VTZ860 | VTX1060 / VTZ1060 |

| Wheel Ø | Ø 150 | Ø 150 | Ø 200 |
|-------------------------|-------------------|-------------------|-------------------|
| Tread width | 40 | 40 | 50 |
| Bore Ø | 15 | 20 | 20 |
| Hub length | 45 | 58 | 58 |
| Load capacity | 550 | 650 | 750 |
| Codes | | | |
| Plain bore | NY15045 | NY15060 | NY20060 |
| Roller bearing | NY15045R | NY15060R | NY20060R |
| Inox roller bearing | NY15045RX | NY15060RX | NY20060RX |
| Axle accessories | | | |
| Axle bush | BSX151047 | BSX201260 | BSX201260 |
| Roller bearing | ZR152540 | ZR203250 | ZR203250 |
| Inox roller bearing | SR152540 | SR203250 | SR203250 |
| Axle bolt + nut | VTX1060 / VTZ1060 | VTX1280 / VTZ1280 | VTX1280 / VTZ1280 |





POLY-D Series

Wheel hardness 70 Shore D, temperature -40°C $+90^{\circ}\text{C}$



Monolithic wheels made in Polyamide 6 natural HD



The POLY-D wheels are manufactured through a new vacuum - dryer - high pressure process, entirely developed by DC, which results in the higher quality wheel in its range of products.

Lifetime of these wheels has been improved thanks to the complete absence of air bubbles inside the finished product, obtained through our new production process.

The wheels can be fitted into a specific series of brackets for which are specifically studied and produced to fulfill the extremely wide variability of conditions to which they are submitted, for both industrial and food industry.

Brackets are fully certified and manufactured with food and sanitary grade Stainless Steel in AISI 304, and are available in both metric and inches standard sizes, and are also available in double-layer galvanized pressed steel.

They are RoHS - REACH compliant, and the permanent lubrication has been approved by FDA-USDA for contact with foods.

A computerized control of the swivel head ball race and assembling tolerances assures a perfect plate rotation without locking point.

Brake system is perfect for low and high temperatures and for inside-outside use and is maintenance free.

Uses

The POLY-D wheels are excellent for use on trolleys and machinery carrying medium to heavy loads, and are mostly suggested for use on smooth floors.

They features a great resistance to water, solvents, oils, cleaners and chemicals, and are fully certified for use in food industry and hygienic environments, being manufactured with closed cells materials which do not retain the germs and allowed to be regularly submitted to high pressure washing.

The POLY-D wheels can be, for example, used on trolleys for food industry, tannery industry, equipment and trolleys for meat and fish industry, slaughterhouses, ice cream machinery and flower trolleys.



DITHERM LTW Series



Temperature range **-40°C +150°C**, wheel hardness 80 Shore D



| Wheel Ø | Ø 80 | Ø 80 | Ø 80 |
|---------------|------|------|------|
| Tread width | 35 | 35 | 35 |
| Bore Ø | 12 | 8 | 10 |
| Hub length | 40 | 40 | 45 |
| Load capacity | 250 | 250 | 300 |

Codes

| | | | |
|--------------------|---------|-----------|-----------|
| Plain bore | LTW8040 | - | - |
| BT selflube bushes | - | - | LTW8040BT |
| BR Coated bush | - | LTW8040BR | - |

Axle accessories

| | | | |
|---------------------|-----------------|-----------------|-----------------|
| Axle bush | BSX12841 | - | BSX10847 |
| BT selflube bushes | - | - | BT1210 |
| BR coated axle bush | - | BR12841 | - |
| Axle bolt + nut | VTX855 / VTZ855 | VTX855 / VTZ855 | VTX860 / VTZ860 |

| Wheel Ø | Ø 100 | Ø 100 | Ø 100 |
|---------------|-------|-------|-------|
| Tread width | 35 | 35 | 35 |
| Bore Ø | 12 | 8 | 10 |
| Hub length | 40 | 40 | 45 |
| Load capacity | 300 | 300 | 300 |

Codes

| | | | |
|--------------------|----------|------------|------------|
| Plain bore | LTW10040 | - | - |
| BT selflube bushes | - | - | LTW10040BT |
| BR Coated bush | - | LTW10040BR | - |

Axle accessories

| | | | |
|---------------------|-----------------|-----------------|-----------------|
| Axle bush | BSX12841 | - | BSX10847 |
| BT selflube bushes | - | - | BT1210 |
| BR coated axle bush | - | BR12841 | - |
| Axle bolt + nut | VTX855 / VTZ855 | VTX855 / VTZ855 | VTX860 / VTZ860 |

| Wheel Ø | Ø 125 | Ø 150 | Ø 150 | Ø 200 |
|---------------|-------|-------|-------|-------|
| Tread width | 40 | 40 | 40 | 50 |
| Bore Ø | 15 | 15 | 20 | 20 |
| Hub length | 45 | 45 | 58 | 58 |
| Load capacity | 400 | 600 | 750 | 900 |

Codes

| | | | | |
|---------------------|----------|----------|----------|----------|
| Plain bore | LTW12545 | LTW15045 | LTW15060 | LTW20060 |
| BT selflube bushes | - | - | - | - |
| BR coated axle bush | - | - | - | - |

Axle accessories

| | | | | |
|---------------------|-------------------|-------------------|-------------------|-------------------|
| Axle bush | BSX151047 | BSX151047 | BSX201260 | BSX201260 |
| BT selflube bushes | - | - | - | - |
| BR coated axle bush | - | - | - | - |
| Axle bolt + nut | VTX1060 / VTZ1060 | VTX1060 / VTZ1060 | VTX1280 / VTZ1280 | VTX1280 / VTZ1280 |



Axle bush _____
Coated bush _____
BT selflube bushes _____



DITHERM LTW Series

Temperature range **-40°C +150°C**, wheel hardness 80 Shore D

Wheels for high and low temperatures, manufactured in high grade Polyamide filled with glass fibers and natural fibers.

Wheels for high and low temperatures are manufactured in high grade Polyamide and filled with glass fibers plus additional natural fibers, and molded through a new vacuum and material drying process to assure high resistance in temperatures between -40°C and +150°C.

The LTW wheels can be fitted into a specific series of brackets for high/low temperatures, which are specifically studied and produced to fulfill the extremely wide variability of conditions to which they are submitted in the world of uses in temperatures, bakery and food industry.



Uses



The DITHERM LTW wheels are manufactured to resist to a range of temperatures between -40°C and +150°C. They features a great resistance to water, humidity and steam, to most solvents, oils, acids and chemicals, featuring good fire-smoke-toxicity properties and are fully certified for use in food industry, as well as for any application requiring temperature of exercise up to +150°C. These wheels can work into freezers and chillers in temperature until -40°C and guarantee a high resistance against thermal shock caused by quick increasing or reduction of temperature, in fact this material is permitting to withstand jumps of 190°C in less than 60 seconds, either from cold to hot or reverse.

Ditherm LTW wheels do not mark the floor, can be used in industrial applications and are recommended for use in wet and humid conditions, smoke tunnels, food and canning industry, meat and fish cooking, tannery equipment, salty water and steam.

They guarantee a good resistance against heavy impacts and in presence of uneven floors.