



DITHERM RHT Series



Temperature range **-40°C +260°C**, wheel hardness 72 Shore A

Assembled into Medium duty and Heavy duty high quality pressed steel brackets with a double layer zinc-coating



DOUBLE LAYER GALVANIZED STEEL

Medium duty top plate swivel castors

Wheel Ø	Ø 80	Ø 80	Ø 100	Ø 100
Fork width	41	47	41	47
Overall height	108	108	128	128
Top plate size	100 x 85	100 x 85	100 x 85	100 x 85
Holes spacing	80 x 60	80 x 60	80 x 60	80 x 60
Fixing holes Ø	9	9	9	9
Offset	40	40	42	42
Swivel radius	84	84	92	92
Load capacity	100	100	120	120

Codes

Plain bore	RGZ80	-	RGZ100	-
Brake version	RGZ80FA	-	RGZ100FA	-
BR coated bush	RGZ80BR	-	RGZ100BR	-
Brake version	RGZ80BRFA	-	RGZ100BRFA	-
Selflube bushes	-	RGZ80BT	-	RGZ100BT
Brake version	-	RGZ80BTFA	-	RGZ100BTFA
HT Ball bearing	RGZ80C	-	RGZ100C	-
Brake version	RGZ80CFA	-	RGZ100CFA	-



DOUBLE LAYER GALVANIZED STEEL

Heavy duty top plate swivel castors

Wheel Ø	Ø 80	Ø 80	Ø 100	Ø 100
Fork width	41	47	41	47
Overall height	110	110	131	131
Top plate size	100 x 85	100 x 85	100 x 85	100 x 85
Holes spacing	80 x 60	80 x 60	80 x 60	80 x 60
Fixing holes Ø	9	9	9	9
Offset	40	40	42	42
Swivel radius	84	84	92	92
Load capacity	100	100	120	120

Codes

Plain bore	RGZ80P	-	RGZ100P	-
Brake version	RGZ80PFA	-	RGZ100PFA	-
BR coated bush	RGZ80PBR	-	RGZ100PBR	-
Brake version	RGZ80PBRFA	-	RGZ100PBRFA	-
Selflube bushes	-	RGZ80PBT	-	RGZ100PBT
Brake version	-	RGZ80PBTFA	-	RGZ100PBTFA
HT Ball bearing	RGZ80PC	-	RGZ100PC	-
Brake version	RGZ80PCFA	-	RGZ100PCFA	-



DITHERM RHT Series



Temperature **-40°C +260°C**, wheel hardness 72 Shore A

Assembled into bolt hole and fixed high quality pressed steel brackets with a double layer zinc-coating



DOUBLE LAYER GALVANIZED STEEL

Bolt hole swivel castors

Wheel Ø	Ø 80	Ø 80	Ø 100	Ø 100
Fork width	41	47	41	47
Overall height	108	108	128	128
Round plate Ø	77	77	77	77
Fixing bolt hole Ø	12	12	12	12
Offset	40	40	42	42
Swivel radius	84	84	92	92
Load capacity	100	100	120	120

Codes

Plain bore	RPZ80	-	RPZ100	-
Brake version	RPZ80FA	-	RPZ100FA	-
BR coated bush	RPZ80BR	-	RPZ100BR	-
Brake version	RPZ80BRFA	-	RPZ100BRFA	-
Selflube bushes	-	RPZ80BT	-	RPZ100BT
Brake version	-	RPZ80BTFA	-	RPZ100BTFA
HT Ball bearing	RPZ80C	-	RPZ100C	-
Brake version	RPZ80CFA	-	RPZ100CFA	-



DOUBLE LAYER GALVANIZED STEEL

Fixed castors

Wheel Ø	Ø 80	Ø 80	Ø 100	Ø 100
Fork width	41	47	41	47
Overall height	108	108	128	128
Top plate size	100 x 85	100 x 85	100 x 85	100 x 85
Holes spacing	80 x 60	80 x 60	80 x 60	80 x 60
Fixing holes Ø	9	9	9	9
Load capacity	100	100	120	120

Codes

Plain bore	RFZ80	-	RFZ100	-
BR coated bush	RFZ80BR	-	RFZ100BR	-
Selflube bushes	-	RFZ80BT	-	RFZ100BT
HT Ball bearing	RFZ80C	-	RFZ100C	-

The bolt hole castor load capacity is indicated for fixation to tubes, table feet or similar, if the bolt hole castor is fixed through a bolt and nut to a flat surface with minimum thickness 3 mm, the load capacity can be assimilated to the heavy duty top plate load capacities.



DITHERM RHT Series



Temperature range **-40°C +260°C**, wheel hardness 72 Shore A



Assembled into Medium duty and Heavy duty high quality AISI 304 Stainless Steel brackets, mirror finished



AISI 304 STAINLESS STEEL

Medium duty top plate swivel castors

Wheel Ø	Ø 80	Ø 80	Ø 100	Ø 100
Fork width	41	47	41	47
Overall height	108	108	128	128
Top plate size	100 x 85	100 x 85	100 x 85	100 x 85
Holes spacing	80 x 60	80 x 60	80 x 60	80 x 60
Fixing holes Ø	9	9	9	9
Offset	40	40	42	42
Swivel radius	84	84	92	92
Load capacity	100	100	120	120
<u>Codes</u>				
Plain bore	RGX80	-	RGX100	-
Brake version	RGX80FA	-	RGX100FA	-
BR coated bush	RGX80BR	-	RGX100BR	-
Brake version	RGX80BRFA	-	RGX100BRFA	-
Selflube bushes	-	RGX80BT	-	RGX100BT
Brake version	-	RGX80BTFA	-	RGX100BTFA
HT Ball bearing	RGX80C	-	RGX100C	-
Brake version	RGX80CFA	-	RGX100CFA	-



AISI 304 STAINLESS STEEL

Heavy duty top plate swivel castors

Wheel Ø	Ø 80	Ø 80	Ø 100	Ø 100
Fork width	41	47	41	47
Overall height	110	110	131	131
Top plate size	100 x 85	100 x 85	100 x 85	100 x 85
Holes spacing	80 x 60	80 x 60	80 x 60	80 x 60
Fixing holes Ø	9	9	9	9
Offset	40	40	42	42
Swivel radius	84	84	92	92
Load capacity	100	100	120	120
<u>Codes</u>				
Plain bore	RGX80P	-	RGX100P	-
Brake version	RGX80PFA	-	RGX100PFA	-
BR coated bush	RGX80PBR	-	RGX100PBR	-
Brake version	RGX80PBRFA	-	RGX100PBRFA	-
Selflube bushes	-	RGX80PBT	-	RGX100PBT
Brake version	-	RGX80PBTFA	-	RGX100PBTFA
HT Ball bearing	RGX80PC	-	RGX100PC	-
Brake version	RGX80PCFA	-	RGX100PCFA	-



DITHERM RHT Series



Temperature range **-40°C +260°C**, wheel hardness 72 Shore A

Assembled into bolt hole and fixed high quality AISI 304 Stainless Steel brackets, mirror finished



AISI 304 STAINLESS STEEL

Bolt hole swivel castors

	Ø 80	Ø 80	Ø 100	Ø 100
Wheel Ø	Ø 80	Ø 80	Ø 100	Ø 100
Fork width	41	47	41	47
Overall height	108	108	128	128
Round plate Ø	77	77	77	77
Fixing bolt hole Ø	12	12	12	12
Offset	40	40	42	42
Swivel radius	84	84	92	92
Load capacity	100	100	120	120

Codes

Plain bore	RPX80	-	RPX100	-
Brake version	RPX80FA	-	RPX100FA	-
BR coated bush	RPX80BR	-	RPX100BR	-
Brake version	RPX80BRFA	-	RPX100BRFA	-
Selflube bushes	-	RPX80BT	-	RPX100BT
Brake version	-	RPX80BTFA	-	RPX100BTFA
HT Ball bearing	RPX80C	-	RPX100C	-
Brake version	RPX80CFA	-	RPX100CFA	-



AISI 304 STAINLESS STEEL

Fixed castors

	Ø 80	Ø 80	Ø 100	Ø 100
Wheel Ø	Ø 80	Ø 80	Ø 100	Ø 100
Fork width	41	47	41	47
Overall height	108	108	128	128
Top plate size	100 x 85	100 x 85	100 x 85	100 x 85
Holes spacing	80 x 60	80 x 60	80 x 60	80 x 60
Fixing holes Ø	9	9	9	9
Load capacity	100	100	120	120

Codes

Plain bore	RFX80	-	RFX100	-
BR coated bush	RFX80BR	-	RFX100BR	-
Selflube bushes	-	RFX80BT	-	RFX100BT
HT Ball bearing	RFX80C	-	RFX100C	-

The bolt hole castor load capacity is indicated for fixation to tubes, table feet or similar, if the bolt hole castor is fixed through a bolt and nut to a flat surface with minimum thickness 3 mm, the load capacity can be assimilated to the heavy duty top plate load capacities.



DITHERM RHT Series

Temperature range **-40°C +260°C**, wheel hardness 72 Shore A



Wheel Ø	Ø 80	Ø 80	Ø 80
Tread width	30	30	30
Bore Ø	12	8	10
Ball bearing seats Ø	32 x 10	-	-
Hub length	40	40	45
Load capacity	100	100	100

<u>Codes</u>			
Plain bore	RHT80	-	-
BT selflube bushes	-	-	RHT80BT
BR Coated bush	-	RHT80BR	-
HT Ball bearings	RHT80C	-	-
Ball bearing seat	RHT80S	-	-

<u>Axle accessories</u>			
Axle bush	BSX12841	-	BSX10847
Axle bush x ball bearings	BSX12841BB	-	-
BT selflube bushes	-	-	BT1210
BR coated axle bush	-	BR12841	-
HT Ball bearings	HTBB12	-	-
Axle bolt + nut	VTX855 / VTZ855	VTX855 / VTZ855	VTX860 / VTZ860

Wheel Ø	Ø 100	Ø 100	Ø 100
Tread width	30	30	30
Bore Ø	12	8	10
Ball bearing seats Ø	32 x 10	-	-
Hub length	40	40	45
Load capacity	120	120	120

<u>Codes</u>			
Plain bore	RHT100	-	-
BT selflube bushes	-	-	RHT100BT
BR Coated bush	-	RHT100BR	-
HT Ball bearings	RHT100C	-	-
Ball bearing seat	RHT100S	-	-

<u>Axle accessories</u>			
Axle bush	BSX12841	-	BSX10847
Axle bush x ball bearings	BSX12841BB	-	-
BT selflube bushes	-	-	BT1210
BR coated axle bush	-	BR12841	-
HT Ball bearings	HTBB12	-	-
Axle bolt + nut	VTX855 / VTZ855	VTX855 / VTZ855	VTX860 / VTZ860





DITHERM RHT Series



Temperature range **-40°C +260°C**, wheel hardness 72 Shore A

Wheels for high and low temperatures, manufactured in exclusive Ditherm® compound and special High Temperature elastic rubber tyre.



The wheel core of the RHT series is manufactured in special Ditherm® compound, combined with special fibers and molded under an innovative DC developed high pressure + extreme temperature process, and its tyre is made in a special high quality elastic rubber for high temperatures.

The black rubber tyre is mechanically bonded to the wheel core, and the coupling is further strengthened by a surface adhesion which is obtained without the use of any glue or vulcanization such as for almost any competition product.

This particular bonding is resulting in the highest quality wheel in its range of application, featuring a drastic reduction in the risk of tyre de-bonding during the work in temperatures.

The RHT 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.

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Uses

The wheels are manufactured to resist to a range of temperatures between -40°C and +260°C.

They features a high resistance to water, most solvents, oils, acids and chemicals, excellent fire-smoke-toxicity properties and are fully certified for use in bakery and food industry, and for oven application requiring temperature of exercise up to +260°C.

These wheels assure also a great work into freezers and in temperature until -40°C and guarantee a high resistance against thermal shock caused by quick increasing or reduction of temperature, allowing these wheels to resist to sudden variation of temperatures, permitting to withstand jumps of 300°C in less than 60 seconds, either from cold to hot or reverse.

Despite the black colour, RHT wheels do not mark the floor when the free rolling is secured, but can leave traces of grated material on abrasive floors if dragged or locked.

The rubber tyre can be sensitive to impacts with sharp obstacles (cuts) or to use over floor drains or sharp thresholds.

They are absolutely smooth and noiseless on almost any surface, granting a silent work and an excellent shock absorbing property which makes this wheel perfect for any use requiring a noiseless rolling.



DITHERM STW Series

Temperature range **-70°C +280°C**, wheel hardness 80 Shore D

Assembled into Medium duty and Heavy duty high quality pressed steel brackets with a double layer zinc-coating



DOUBLE LAYER GALVANIZED STEEL

Medium duty top plate swivel castors

Wheel Ø	Ø 80	Ø 80	Ø 100	Ø 100	Ø 125	Ø 150	Ø 150	Ø 200
Fork width	41	47	41	47	47	47	60	60
Overall height	108	108	128	128	155	181	181	232
Top plate size	100 x 85	100 x 85	100 x 85	100 x 85	100 x 85	100 x 85	135 x 110	135 x 110
Holes spacing	80 x 60	80 x 60	80 x 60	80 x 60	80 x 60	80 x 60	105 x 80	105 x 80
Fixing holes Ø	9	9	9	9	9	9	11	11
Offset	40	40	42	42	44	46	52	56
Swivel radius	84	84	92	92	107	127	127	156
Load capacity	200	200	220	220	230	250	350	400
Codes								
Plain bore	SGZ80	-	SGZ100	-	SGZ12545	SGZ15045	SGZ15060	SGZ20060
Brake version	SGZ80FA	-	SGZ100FA	-	SGZ12545FA	SGZ15045FA	SGZ15060FA	SGZ20060FA
BR coated bush	SGZ80BR	-	SGZ100BR	-	SGZ12545BR	SGZ15045BR	-	-
Brake version	SGZ80BRFA	-	SGZ100BRFA	-	SGZ12545BRFA	SGZ15045BRFA	-	-
Selflube bushes	-	SGZ80BT	-	SGZ100BT	-	-	-	-
Brake version	-	SGZ80BTFA	-	SGZ100BTFA	-	-	-	-
HT Ball bearing	-	-	SGZ100C	-	-	-	-	-
Brake version	-	-	SGZ100CFA	-	-	-	-	-



DOUBLE LAYER GALVANIZED STEEL

Heavy duty top plate swivel castors

Wheel Ø	Ø 80	Ø 80	Ø 100	Ø 100	Ø 125	Ø 150	Ø 150	Ø 200
Fork width	41	47	41	47	47	47	60	60
Overall height	110	110	131	131	158	184	184	235
Top plate size	100 x 85	100 x 85	100 x 85	100 x 85	100 x 85	100 x 85	135 x 110	135 x 110
Holes spacing	80 x 60	80 x 60	80 x 60	80 x 60	80 x 60	80 x 60	105 x 80	105 x 80
Fixing holes Ø	9	9	9	9	9	9	11	11
Offset	40	40	42	42	44	46	52	56
Swivel radius	84	84	92	92	107	127	127	156
Load capacity	230	230	250	250	260	280	380	500
Codes								
Plain bore	SGZ80P	-	SGZ100P	-	SGZ12545P	SGZ15045P	SGZ15060P	SGZ20060P
Brake version	SGZ80PFA	-	SGZ100PFA	-	SGZ12545PFA	SGZ15045PFA	SGZ15060PFA	SGZ20060PFA
BR coated bush	SGZ80PBR	-	SGZ100PBR	-	SGZ12545PBR	SGZ15045PBR	-	-
Brake version	SGZ80PBRFA	-	SGZ100PBRFA	-	SGZ12545PBRFA	SGZ15045PBRFA	-	-
Selflube bushes	-	SGZ80PBT	-	SGZ100PBT	-	-	-	-
Brake version	-	SGZ80PBTFA	-	SGZ100PBTFA	-	-	-	-
HT Ball bearing	-	-	SGZ100PC	-	-	-	-	-
Brake version	-	-	SGZ100PCFA	-	-	-	-	-



DITHERM STW Series

Temperature range **-70°C +280°C**, wheel hardness 80 Shore D



Assembled into bolt hole and fixed high quality pressed steel brackets with a double layer zinc-coating



DOUBLE LAYER GALVANIZED STEEL

Bolt hole swivel castors

Wheel Ø	Ø 80	Ø 80	Ø 100	Ø 100	Ø 125	Ø 150	Ø 150	Ø 200
Fork width	41	47	41	47	47	47	60	60
Overall height	108	108	128	128	155	181	181	232
Round plate Ø	77	77	77	77	77	77	102	102
Fixing bolt hole Ø	12	12	12	12	12	12	16	16
Offset	40	40	42	42	44	46	52	56
Swivel radius	84	84	92	92	107	127	127	156
Load capacity	200	200	220	220	230	250	350	400
<u>Codes</u>								
Plain bore	SPZ80	-	SPZ100	-	SPZ12545	SPZ15045	SPZ15060	SPZ20060
Brake version	SPZ80FA	-	SPZ100FA	-	SPZ12545FA	SPZ15045FA	SPZ15060FA	SPZ20060FA
BR coated bush	SPZ80BR	-	SPZ100BR	-	SPZ12545BR	SPZ15045BR	-	-
Brake version	SPZ80BRFA	-	SPZ100BRFA	-	SPZ12545BRFA	SPZ15045BRFA	-	-
Selflube bushes	-	SPZ80BT	-	SPZ100BT	-	-	-	-
Brake version	-	SPZ80BTFA	-	SPZ100BTFA	-	-	-	-
HT Ball bearing	-	-	SPZ100C	-	-	-	-	-
Brake version	-	-	SPZ100CFA	-	-	-	-	-



DOUBLE LAYER GALVANIZED STEEL

Fixed castors

Wheel Ø	Ø 80	Ø 80	Ø 100	Ø 100	Ø 125	Ø 150	Ø 150	Ø 200
Fork width	41	47	41	47	47	47	60	60
Overall height	110	110	131	131	158	184	184	235
Top plate size	100 x 85	100 x 85	135 x 110	135 x 110				
Holes spacing	80 x 60	80 x 60	105 x 80	105 x 80				
Fixing holes Ø	9	9	9	9	9	9	11	11
Offset	-	-	-	-	-	-	-	-
Swivel radius	-	-	-	-	-	-	-	-
Load capacity	230	230	250	250	260	280	380	500
<u>Codes</u>								
Plain bore	SFZ80	-	SFZ100	-	SFZ12545	SFZ15045	SFZ15060	SFZ20060
BR coated bush	SFZ80BR	-	SFZ100BR	-	SFZ12545BR	SFZ15045BR	-	-
Selflube bushes	-	SFZ80BT	-	SFZ100BT	-	-	-	-
HT Ball bearing	-	-	SFZ100C	-	-	-	-	-

The bolt hole castor load capacity is indicated for fixation to tubes, table feet or similar, if the bolt hole castor is fixed through a bolt and nut to a flat surface with minimum thickness 3 mm, the load capacity can be assimilated to the heavy duty top plate load capacities.


DITHERM STW Series

 Temperature range **-70°C +280°C**, wheel hardness 80 Shore D

Assembled into Medium duty and Heavy duty high quality AISI 304 Stainless Steel brackets, mirror finished


AISI 304 STAINLESS STEEL
Medium duty top plate swivel castors


Wheel Ø	Ø 80	Ø 80	Ø 100	Ø 100	Ø 125	Ø 150	Ø 150	Ø 200
Fork width	41	47	41	47	47	47	60	60
Overall height	108	108	128	128	155	181	181	232
Top plate size	100 x 85	100 x 85	100 x 85	100 x 85	100 x 85	100 x 85	135 x 110	135 x 110
Holes spacing	80 x 60	80 x 60	80 x 60	80 x 60	80 x 60	80 x 60	105 x 80	105 x 80
Fixing holes Ø	9	9	9	9	9	9	11	11
Offset	40	40	42	42	44	46	52	56
Swivel radius	84	84	92	92	107	127	127	156
Load capacity	200	200	220	220	230	250	350	400
<u>Codes</u>								
Plain bore	SGX80	-	SGX100	-	SGX12545	SGX15045	SGX15060	SGX20060
Brake version	SGX80FA	-	SGX100FA	-	SGX12545FA	SGX15045FA	SGX15060FA	SGX20060FA
BR coated bush	SGX80BR	-	SGX100BR	-	SGX12545BR	SGX15045BR	-	-
Brake version	SGX80BRFA	-	SGX100BRFA	-	SGX12545BRFA	SGX15045BRFA	-	-
Selflube bushes	-	SGX80BT	-	SGX100BT	-	-	-	-
Brake version	-	SGX80BTFA	-	SGX100BTFA	-	-	-	-
HT Ball bearing	-	-	SGX100C	-	-	-	-	-
Brake version	-	-	SGX100CFA	-	-	-	-	-


AISI 304 STAINLESS STEEL
Heavy duty top plate swivel castors

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Wheel Ø	Ø 80	Ø 80	Ø 100	Ø 100	Ø 125	Ø 150	Ø 150	Ø 200
Fork width	41	47	41	47	47	47	60	60
Overall height	110	110	131	131	158	184	184	235
Top plate size	100 x 85	100 x 85	100 x 85	100 x 85	100 x 85	100 x 85	135 x 110	135 x 110
Holes spacing	80 x 60	80 x 60	80 x 60	80 x 60	80 x 60	80 x 60	105 x 80	105 x 80
Fixing holes Ø	9	9	9	9	9	9	11	11
Offset	40	40	42	42	44	46	52	56
Swivel radius	84	84	92	92	107	127	127	156
Load capacity	230	230	250	250	260	280	380	500
<u>Codes</u>								
Plain bore	SGX80P	-	SGX100P	-	SGX12545P	SGX15045P	SGX15060P	SGX20060P
Brake version	SGX80PFA	-	SGX100PFA	-	SGX12545PFA	SGX15045PFA	SGX15060PFA	SGX20060PFA
BR coated bush	SGX80PBR	-	SGX100PBR	-	SGX12545PBR	SGX15045PBR	-	-
Brake version	SGX80PBRFA	-	SGX100PBRFA	-	SGX12545PBRFA	SGX15045PBRFA	-	-
Selflube bushes	-	SGX80PBT	-	SGX100PBT	-	-	-	-
Brake version	-	SGX80PBTFA	-	SGX100PBTFA	-	-	-	-
HT Ball bearing	-	-	SGX100PC	-	-	-	-	-
Brake version	-	-	SGX100PCFA	-	-	-	-	-



DITHERM STW Series



Temperature range **-70°C +280°C**, wheel hardness 80 Shore D

Assembled into bolt hole and fixed high quality AISI 304 Stainless Steel brackets, mirror finished



AISI 304 STAINLESS STEEL

Bolt hole swivel castors

Wheel Ø	Ø 80	Ø 80	Ø 100	Ø 100	Ø 125	Ø 150	Ø 150	Ø 200
Fork width	41	47	41	47	47	47	60	60
Overall height	108	108	128	128	155	181	181	232
Round plate Ø	77	77	77	77	77	77	102	102
Fixing bolt hole Ø	12	12	12	12	12	12	16	16
Offset	40	40	42	42	44	46	52	56
Swivel radius	84	84	92	92	107	127	127	156
Load capacity	200	200	220	220	230	250	310	340
Codes								
Plain bore	SPX80	-	SPX100	-	SPX12545	SPX15045	SPX15060	SPX20060
Brake version	SPX80FA	-	SPX100FA	-	SPX12545FA	SPX15045FA	SPX15060FA	SPX20060FA
BR coated bush	SPX80BR	-	SPX100BR	-	SPX12545BR	SPX15045BR	-	-
Brake version	SPX80BRFA	-	SPX100BRFA	-	SPX12545BRFA	SPX15045BRFA	-	-
Selflube bushes	-	SPX80BT	-	SPX100BT	-	-	-	-
Brake version	-	SPX80BTFA	-	SPX100BTFA	-	-	-	-
HT Ball bearing	-	-	SPX100C	-	-	-	-	-
Brake version	-	-	SPX100CFA	-	-	-	-	-



AISI 304 STAINLESS STEEL

Fixed castors

Wheel Ø	Ø 80	Ø 80	Ø 100	Ø 100	Ø 125	Ø 150	Ø 150	Ø 200
Fork width	41	47	41	47	47	47	60	60
Overall height	110	110	131	131	158	184	184	235
Top plate size	100 x 85	100 x 85	135 x 110	135 x 110				
Holes spacing	80 x 60	80 x 60	105 x 80	105 x 80				
Fixing holes Ø	9	9	9	9	9	9	11	11
Offset	-	-	-	-	-	-	-	-
Swivel radius	-	-	-	-	-	-	-	-
Load capacity	230	230	250	250	260	280	340	370
Codes								
Plain bore	SFX80	-	SFX100	-	SFX12545	SFX15045	SFX15060	SFX20060
BR coated bush	SFX80BR	-	SFX100BR	-	SFX12545BR	SFX15045BR	-	-
Selflube bushes	-	SFX80BT	-	SFX100BT	-	-	-	-
HT Ball bearing	-	-	SFX100C	-	-	-	-	-

The bolt hole castor load capacity is indicated for fixation to tubes, table feet or similar, if the bolt hole castor is fixed through a bolt and nut to a flat surface with minimum thickness 3 mm, the load capacity can be assimilated to the heavy duty top plate load capacities.



DITHERM STW Series



Temperature range **-70°C +280°C**, wheel hardness 80 Shore D



Wheel Ø	Ø 80	Ø 80	Ø 80	Ø 100	Ø 100	Ø 100	
Tread width	30	30	30	30	30	30	
Bore Ø	12	8	10	12	8	10	
Ball bearing seats Ø	32 x 10	-	-	32 x 10	-	-	
Hub length	40	40	45	40	40	45	
Load capacity	300	300	300	350	350	350	
Codes							
Plain bore	STW80	-	-	STW100	-	-	
BT selflube bushes	-	-	STW80BT	-	-	STW100BT	
BR Coated bush	-	STW80BR	-	-	STW100BR	-	
HT Ball bearings	STW80C	-	-	STW100C	-	-	
Ball bearing seat	STW80S	-	-	STW100S	-	-	
Axle accessories							
Axle bush	BSX12841	-	BSX10847	BSX12841	-	BSX10847	
Axle bush x ball bearings	BSX12841BB	-	-	BSX12841BB	-	-	
BT selflube bushes	-	-	BT1210	-	-	BT1210	
BR coated axle bush	-	BR12841	-	-	BR12841	-	
HT Ball bearings	HTBB12	-	-	HTBB12	-	-	
Axle bolt + nut	VTX855 / VTZ855	VTX855 / VTZ855	VTX860 / VTZ860	VTX855 / VTZ855	VTX855 / VTZ855	VTX860 / VTZ860	

	White color	White color	White color	Ø 125	Ø 150	Ø 150	Ø 200
Wheel Ø	Ø 100	Ø 100	Ø 100	Ø 125	Ø 150	Ø 150	Ø 200
Tread width	30	30	30	40	40	40	50
Bore Ø	12	8	10	15	15	20	20
Hub length	40	40	45	45	45	58	58
Load capacity	350	350	350	450	650	800	900
Codes							
Plain bore	STW100W	-	-	STW12545	STW15045	STW15060	STW20060
BT selflube bushes	-	-	STW100WBT	-	-	-	-
BR Coated bush	-	STW100WBR	-	-	-	-	-
Axle accessories							
Axle bush	BSX12841	-	BSX10847	BSX151047	BSX151047	BSX201260	BSX201260
BT selflube bushes	-	-	BT1210	-	-	-	-
BR coated axle bush	-	BR12841	-	-	-	-	-
Axle bolt + nut	VTX855 / VTZ855	VTX855 / VTZ855	VTX860 / VTZ860	VTX1060 / VTZ1060	VTX1060 / VTZ1060	VTX1280 / VTZ1280	VTX1280 / VTZ1280





DITHERM STW Series

Temperature range **-70°C +280°C**, wheel hardness 80 Shore D

Wheels for high and low temperatures, manufactured in exclusive THT composite material.



The STW series wheels are manufactured with an exclusive material and is used exclusively for the production of this wheel range. These wheels grants a superior and unmatched mechanical resistance to heavy impacts, an outstanding resistance against chipping and breaking caused by hitting of sharp obstacle and a great rolling capacity even in plain bore configuration, thanks to the self-lubricating properties of the THT material.

They also assure an incredible resistance against aggressive cleaners, chemicals, oils, acids, steam and salty water, and are available with plain bore and with double special HT ball bearings, to allow a perfect rolling capacity in any condition of use. The THT material is certified by FDA for contact with foods.

The 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 wheels are manufactured to resist to a range of temperatures between -70°C and +280°C.

They features an incredible resistance to water, humidity and steam, to solvents, oils, acids and chemicals, featuring a great fire-smoke-toxicity properties and are fully certified for use in food industry, as well as for any oven application requiring temperature of exercise up to +280°C.

These wheels can work into freezers, chillers and blast freezing in temperature until -70°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 350°C in less than 60 seconds, either from cold to hot or reverse.

Ditherm STW wheels do not mark the floor, can be used in industrial applications and are recommended for use in bakeries, wet and humid conditions, oven trolleys, smoke tunnels, food industry, autoclave cooking, salty water and steam.

They guarantee a great resistance against heavy and sharp impacts, on uneven floors, asphalt and are perfect for problem-free use on turntable ovens.





DITHERM MTW Series

Temperature range **-40°C +300°C**, wheel hardness 90 Shore D

Assembled into Medium duty and Heavy duty high quality pressed steel brackets with a double layer zinc-coating



DOUBLE LAYER GALVANIZED STEEL

Medium duty top plate swivel castors

Wheel Ø	Ø 80	Ø 80	Ø 100	Ø 100	Ø 100	Ø 100	Ø 125	Ø 150	Ø 200
Fork width	41	47	41	47	41	47	47	60	60
Overall height	108	108	128	128	128	128	155	181	232
Top plate size	100 x 85	135 x 110	135 x 110						
Holes spacing	80 x	80 x 60	105 x 80	105 x 80					
Fixing holes Ø	9	9	9	9	9	9	9	11	11
Offset	40	40	42	42	42	42	44	52	56
Swivel radius	84	84	92	92	92	92	107	127	156
Load capacity	170	170	190	190	210	210	230	300	400

Codes

Plain bore	MGZ80	-	MGZ100L	-	MGZ100	-	MGZ12545	MGZ150	MGZ200
Brake version	MGZ80FA	-	MGZ100LFA	-	MGZ100FA	-	MGZ12545FA	MGZ150FA	MGZ200FA
BR coated bush	MGZ80BR	-	MGZ100LBR	-	MGZ100BR	-	MGZ12545BR	-	-
Brake version	MGZ80BRFA	-	MGZ100LBRFA	-	MGZ100BRFA	-	MGZ12545BRFA	-	-
Selflube bushes	-	MGZ80BT	-	MGZ100LB	-	MGZ100BT	MGZ12545BT	-	-
Brake version	-	MGZ80BTFA	-	MGZ100LBTF	-	MGZ100BTFA	MGZ12545BTFA	-	-
Bronze bushes	MGZ80BS	-	MGZ100LBS	-	-	-	-	MGZ150BS	MGZ200BS
Brake version	MGZ80BSFA	-	MGZ100LBSFA	-	-	-	-	MGZ150BSFA	MGZ200BSFA
HT Ball bearing	MGZ80C	-	-	-	MGZ100C	-	-	-	-
Brake version	MGZ80CFA	-	-	-	MGZ100CFA	-	-	-	-



DOUBLE LAYER GALVANIZED STEEL

Heavy duty top plate swivel castors

Wheel Ø	Ø 80	Ø 80	Ø 100	Ø 100	Ø 100	Ø 100	Ø 125	Ø 150	Ø 200
Fork width	41	47	41	47	41	47	47	60	60
Overall height	110	110	131	131	131	131	158	184	235
Top plate size	100 x 85	135 x 110	135 x 110						
Holes spacing	80 x	80 x 60	105 x 80	105 x 80					
Fixing holes Ø	9	9	9	9	9	9	9	11	11
Offset	40	40	42	42	42	42	44	52	56
Swivel radius	84	84	92	92	92	92	107	127	156
Load capacity	170	170	190	190	210	210	250	300	500

Codes

Plain bore	MGZ80P	-	MGZ100LP	-	MGZ100P	-	MGZ12545P	MGZ150P	MGZ200P
Brake version	MGZ80PFA	-	MGZ100LPFA	-	MGZ100PFA	-	MGZ12545PFA	MGZ150PFA	MGZ200PFA
BR coated bush	MGZ80PBR	-	MGZ100LPBR	-	MGZ100PBR	-	MGZ12545PBR	-	-
Brake version	MGZ80PBRFA	-	MGZ100LPBRFA	-	MGZ100PBRFA	-	MGZ12545PBRFA	-	-
Selflube bushes	-	MGZ80PBT	-	MGZ100LPBT	-	MGZ100PBT	MGZ12545PBT	-	-
Brake version	-	MGZ80PBTFA	-	MGZ100LPBTFA	-	MGZ100PBTFA	MGZ12545PBTFA	-	-
Bronze bushes	MGZ80PBS	-	MGZ100LPBS	-	-	-	-	MGZ150PBS	MGZ200PBS
Brake version	MGZ80PBSFA	-	MGZ100LPBSFA	-	-	-	-	MGZ150PBSFA	MGZ200PBSFA
HT Ball bearing	MGZ80PC	-	-	-	MGZ100PC	-	-	-	-
Brake version	MGZ80PCFA	-	-	-	MGZ100PCFA	-	-	-	-



DITHERM MTW Series



Temperature range **-40°C +300°C**, wheel hardness 90 Shore D

Assembled into bolt hole and fixed high quality pressed steel brackets with a double layer zinc-coating



DOUBLE LAYER GALVANIZED STEEL

Bolt hole swivel castors

Wheel Ø	Ø 80	Ø 80	Ø 100	Ø 100	Ø 100	Ø 125	Ø 150	Ø 200
Fork width	41	47	41	47	41	47	60	60
Overall height	108	108	128	128	128	155	181	232
Round plate Ø	77	77	77	77	77	77	102	102
Fixing bolt hole Ø	12	12	12	12	12	12	16	16
Offset	40	40	42	42	42	44	52	56
Swivel radius	84	84	92	92	92	107	127	156
Load capacity	170	170	190	210	210	230	300	400
Codes								
Plain bore	MPZ80	-	MPZ100L	-	MPZ100	-	MPZ12545	MPZ150
Brake version	MPZ80FA	-	MPZ100LFA	-	MPZ100FA	-	MPZ12545FA	MPZ150FA
BR coated bush	MPZ80BR	-	MPZ100LBR	-	MPZ100BR	-	MPZ12545BR	-
Brake version	MPZ80BRFA	-	MPZ100LBRFA	-	MPZ100BRFA	-	MPZ12545BRFA	-
Selflube bushes	-	MPZ80BT	-	MPZ100LBT	-	MPZ100BT	MPZ12545BT	-
Brake version	-	MPZ80BTFA	-	MPZ100LBTF	-	MPZ100BTFA	MPZ12545BTFA	-
Bronze bushes	MPZ80BS	-	MPZ100LBS	-	-	-	MPZ150BS	MPZ200BS
Brake version	MPZ80BSFA	-	MPZ100LBSFA	-	-	-	MPZ150BSFA	MPZ200BSFA
HT Ball bearing	MPZ80C	-	-	MPZ100C	-	-	-	-
Brake version	MPZ80CFA	-	-	MPZ100CFA	-	-	-	-



DOUBLE LAYER GALVANIZED STEEL

Fixed castors

Wheel Ø	Ø 80	Ø 80	Ø 100	Ø 100	Ø 100	Ø 125	Ø 150	Ø 200
Fork width	41	47	41	47	41	47	60	60
Overall height	108	108	128	128	128	155	181	232
Top plate size	100 x 85	100 x 85	100 x 85	100 x 85	100 x 85	100 x 85	135 x 110	135 x 110
Holes spacing	80 x 60	80 x 60	80 x 60	80 x 60	80 x 60	80 x 60	105 x 80	105 x 80
Fixing holes Ø	9	9	9	9	9	9	11	11
Load capacity	170	170	190	190	210	210	300	500
Codes								
Plain bore	MFZ80	-	MFZ100L	-	MFZ100	-	MFZ12545	MFZ150
BR coated bush	MFZ80BR	-	MFZ100LBR	-	MFZ100BR	-	MFZ12545BR	-
Selflube bushes	-	MFZ80BT	-	MFZ100LBT	-	MFZ100BT	MFZ12545BT	-
Bronze bushes	MFZ80BS	-	MFZ100LBS	-	-	-	MFZ150BS	MFZ200BS
HT Ball bearing	MFZ80C	-	-	MFZ100C	-	-	-	-

The bolt hole castor load capacity is indicated for fixation to tubes, table feet or similar, if the bolt hole castor is fixed through a bolt and nut to a flat surface with minimum thickness 3 mm, the load capacity can be assimilated to the heavy duty top plate load capacities.


 Temperature range **-40°C +300°C**, wheel hardness 90 Shore D

Assembled into Medium duty and Heavy duty high quality AISI 304 Stainless Steel brackets, mirror finished


AISI 304 STAINLESS STEEL

Medium duty top plate swivel castors



Wheel Ø	Ø 80	Ø 80	Ø 100	Ø 100	Ø 100	Ø 100	Ø 125	Ø 150	Ø 200
Fork width	41	47	41	47	41	47	47	60	60
Overall height	110	110	131	131	131	131	158	184	235
Top plate size	100 x 85	100 x 85	100 x 85	100 x 85	100 x 85	100 X 85	100 x 85	135 x 110	135 x 110
Holes spacing	80 x	80 x 60	80 x 60	80 x 60	80 x 60	80 X 60	80 x 60	105 x 80	105 x 80
Fixing holes Ø	9	9	9	9	9	9	9	11	11
Offset	40	40	42	42	42	42	44	52	56
Swivel radius	84	84	92	92	92	92	107	127	156
Load capacity	170	170	190	190	210	210	230	300	400
Codes									
Plain bore	MGX80	-	MGX100L	-	MGX100	-	MGX12545	MGX150	MGX200
Brake version	MGX80FA	-	MGX100LFA	-	MGX100FA	-	MGX12545FA	MGX150FA	MGX200FA
BR coated bush	MGX80BR	-	MGX100LBR	-	MGX100BR	-	MGX12545BR	-	-
Brake version	MGX80BRFA	-	MGX100LBRFA	-	MGX100BRFA	-	MGX12545BRFA	-	-
Selflube bushes	-	MGX80BT	-	MGX100LBT	-	MGX100BT	MGX12545BT	-	-
Brake version	-	MGX80BTFA	-	MGX100LBTF	-	MGX100BTFA	MGX12545BTFA	-	-
Bronze bushes	MGX80BS	-	MGX100LBS	-	-	-	-	MGX150BS	MGX200BS
Brake version	MGX80BSFA	-	MGX100LBSFA	-	-	-	-	MGX150BSFA	MGX200BSFA
HT Ball bearing	MGX80C	-	-	-	MGX100C	-	-	-	-
Brake version	MGX80CFA	-	-	-	MGX100CFA	-	-	-	-


AISI 304 STAINLESS STEEL

Heavy duty top plate swivel castors

Wheel Ø	Ø 80	Ø 80	Ø 100	Ø 100	Ø 100	Ø 100	Ø 125	Ø 150	Ø 200
Fork width	41	47	41	47	41	47	47	60	60
Overall height	110	110	131	131	131	131	158	184	235
Top plate size	100 x 85	100 x 85	100 x 85	100 x 85	100 x 85	100 X 85	100 x 85	135 x 110	135 x 110
Holes spacing	80 x	80 x 60	80 x 60	80 x 60	80 x 60	80 X 60	80 x 60	105 x 80	105 x 80
Fixing holes Ø	9	9	9	9	9	9	9	11	11
Offset	40	40	42	42	42	42	44	52	56
Swivel radius	84	84	92	92	92	92	107	127	156
Load capacity	170	170	190	190	210	210	250	300	500
Codes									
Plain bore	MGX80P	-	MGX100LP	-	MGX100P	-	MGX12545P	MGX150P	MGX200P
Brake version	MGX80PFA	-	MGX100LPFA	-	MGX100PFA	-	MGX12545PFA	MGX150PFA	MGX200PFA
BR coated bush	MGX80PBR	-	MGX100LPBR	-	MGX100PBR	-	MGX12545PBR	-	-
Brake version	MGX80PBRFA	-	MGX100LPBRFA	-	MGX100PBRFA	-	MGX12545PBRFA	-	-
Selflube bushes	-	MGX80PBT	-	MGX100LPBT	-	MGX100PBT	MGX12545PBT	-	-
Brake version	-	MGX80PBTFA	-	MGX100LPBTFA	-	MGX100PBTFA	MGX12545PBTFA	-	-
Bronze bushes	MGX80PBS	-	MGX100LPBS	-	-	-	-	MGX150PBS	MGX200PBS
Brake version	MGX80PBSFA	-	MGX100LPBSFA	-	-	-	-	MGX150PBSFA	MGX200PBSFA
HT Ball bearing	MGX80PC	-	-	-	MGX100PC	-	-	-	-
Brake version	MGX80PCFA	-	-	-	MGX100PCFA	-	-	-	-



DITHERM MTW Series


 Temperature range **-40°C +300°C**, wheel hardness 90 Shore D

Assembled into bolt hole and fixed high quality AISI 304 Stainless Steel brackets, mirror finished


AISI 304 STAINLESS STEEL
Bolt hole swivel castors

Wheel Ø	Ø 80	Ø 80	Ø 100	Ø 100	Ø 100	Ø 100	Ø 125	Ø 150	Ø 200
Fork width	41	47	41	47	41	47	47	60	60
Overall height	108	108	128	128	128	128	155	181	232
Round plate Ø	77	77	77	77	77	77	77	102	102
Fixing bolt hole Ø	12	12	12	12	12	12	12	16	16
Offset	40	40	42	42	42	42	44	52	56
Swivel radius	84	84	92	92	92	92	107	127	156
Load capacity	170	170	190	190	210	210	230	300	400
Codes									
Plain bore	MPX80	-	MPX100L	-	MPX100	-	MPX12545	MPX150	MPX200
Brake version	MPX80FA	-	MPX100LFA	-	MPX100FA	-	MPX12545FA	MPX150FA	MPX200FA
BR coated bush	MPX80BR	-	MPX100LBR	-	MPX100BR	-	MPX12545BR	-	-
Brake version	MPX80BRFA	-	MPX100LBRFA	-	MPX100BRFA	-	MPX12545BRFA	-	-
Selflube bushes	-	MPX80BT	-	MPX100LBT	-	MPX100BT	MPX12545BT	-	-
Brake version	-	MPX80BTFA	-	MPX100LBTFA	-	MPX100BTFA	MPX12545BTFA	-	-
Bronze bushes	MPX80BS	-	MPX100LBS	-	-	-	-	MPX150BS	MPX200BS
Brake version	MPX80BSFA	-	MPX100LBSFA	-	-	-	-	MPX150BSFA	MPX200BSFA
HT Ball bearing	MPX80C	-	-	-	MPX100C	-	-	-	-
Brake version	MPX80CFA	-	-	-	MPX100CFA	-	-	-	-


AISI 304 STAINLESS STEEL
Fixed castors

Wheel Ø	Ø 80	Ø 80	Ø 100	Ø 100	Ø 100	Ø 100	Ø 125	Ø 150	Ø 200
Fork width	41	47	41	47	41	47	47	60	60
Overall height	108	108	128	128	128	128	155	181	232
Top plate size	100 x 85	100 x 85	100 x 85	100 x 85	100 x 85	100 X 85	100 x 85	135 x 110	135 x 110
Holes spacing	80 x 60	80 x 60	80 x 60	80 x 60	80 x 60	80 X 60	80 x 60	105 x 80	105 x 80
Fixing holes Ø	9	9	9	9	9	9	9	11	11
Load capacity	170	170	190	190	210	210	250	300	500
Codes									
Plain bore	MF80	-	MFX100L	-	MFX100	-	MFX12545	MFX150	MFX200
BR coated bush	MFX80BR	-	MFX100LBR	-	MFX100BR	-	MFX12545BR	-	-
Selflube bushes	-	MFX80BT	-	MFX100LBT	-	MFX100BT	MFX12545BT	-	-
Bronze bushes	MFX80BS	-	MFX100LBS	-	-	-	-	MFX150BS	MFX200BS
HT Ball bearing	MFX80C	-	-	-	MFX100C	-	-	-	-

The bolt hole castor load capacity is indicated for fixation to tubes, table feet or similar, if the bolt hole castor is fixed through a bolt and nut to a flat surface with minimum thickness 3 mm, the load capacity can be assimilated to the heavy duty top plate load capacities.



+300°
-40°

DITHERM MTW Series

Temperature range **-40°C +300°C**,
wheel hardness 90 Shore D



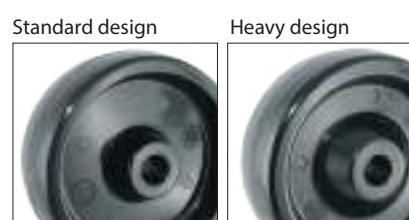
Wheel Ø	Ø 80	Ø 80	Ø 80	Ø 100	Ø 100	Ø 100	Heavy design	Heavy design
Tread width	35	35	35	35	35	35	35	35
Bore Ø	12	8	12	12	8	12	12	12
Ball bearings seats Ø	32 x 10	-	-	-	-	-	32 x 10	-
Hub length	40	40	45	40	40	45	40	40
Load capacity	170	170	170	190	190	190	210	210

<u>Codes</u>								
Plain bore	MTW80	-	-	MTW100L	-	-	MTW100	-
BT selflube bushes	-	-	MTW80BT	-	-	MTW100LBT	-	MTW100BR
BR Coated bush	-	MTW80BR	-	-	MTW100LBR	-	-	-
HT Ball bearings	MTW80C	-	-	-	-	-	MTW100C	-
Ball bearing seats	MTW80S	-	-	-	-	-	MTW100S	-
Sintered bronze bushes	MTW80BS	-	-	MTW100LBS	-	-	-	-
<u>Axle accessories</u>								
Axle bush	BSX12841	-	BSX10847	BSX12841	-	BSX10847	BSX12841	-
Axle bush x ball bearings	BSX12841BB	-	-	-	-	-	BSX12841BB	-
BT selflube bushes	-	-	BT1210	-	-	BT1210	-	-
BR coated axle bush	-	BR12841	-	-	BR12841	-	-	BR12841
HT Ball bearings	HTBB12	-	-	-	-	-	HTBB12	-
Axle bolt + nut	VTX855 / VTZ855	VTX855 / VTZ855	VTX860 / VTZ860	VTX855 / VTZ855	VTX855 / VTZ855	VTX860 / VTZ860	VTX855 / VTZ855	VTX855 / VTZ855

Wheel Ø	Ø 100	Ø 100	Ø 100	Ø 100	Ø 125	Ø 125	Ø 125	Ø 125
Tread width	35	35	35	35	40	40	40	40
Bore Ø	10	10	12	15	15	10	15	20
Hub length	45	41	48	41	45	45	48	48
Load capacity	210	210	210	210	250	250	250	250
<u>Codes</u>								
Plain bore	-	-	-	MTW10041	MTW12545	-	MTW12548	MTW125
BT selflube bushes	MTW100BT	MTW100BT41	MTW100BT48	-	-	MTW12545BT	-	-
BR Coated bush	-	-	-	-	-	MTW12545BR	-	-
Sintered bronze bushes	-	-	-	-	-	-	-	MTW12545BS
<u>Axle accessories</u>								
Axle bush	BSX10847	BSX10842	-	-	BSX151047	BSX10847	-	-
BT selflube bushes	BT1210	BT1210	BT1512	-	-	BT1510	-	-
BR coated axle bush	-	-	-	-	-	BR151047	-	-
Axle bolt + nut	VTX860 / VTZ860	VTX855 / VTZ855	-	VTX855 / VTZ855	VTX1060 / VTZ1060	VTX1060 / VTZ1060	-	-

Wheel Ø	Ø 150	Ø 160	Ø 200
Tread width	45	50	50
Bore Ø	20	20	20
Hub length	58	58	58
Load capacity	300	340	520
<u>Codes</u>			
Plain bore	MTW150	MTW160	MTW200
BT selflube bushes	-	-	-
BR Coated bush	-	-	-
Sintered bronze bushes	MTW150BS	MTW160BS	MTW200BS

<u>Axle accessories</u>		
Axle bush	BSX201260	BSX201260
BT selflube bushes	-	-
BR coated axle bush	-	-
Axle bolt + nut	VTX1280 / VTZ1280	VTX1280 / VTZ1280
	VTX1280 / VTZ1280	VTX1280 / VTZ1280





DITHERM MTW Series

Temperature range **-40°C +300°C**, wheel hardness 90 Shore D



**Wheels for high and low temperatures,
manufactured in exclusive Ditherm®
compound
in combination with special fibers.**



The wheels are manufactured in special compound, combined with special fibers and molded under an innovative DC developed high pressure + extreme temperature process which results in the highest quality wheel in its range of application.

They are available with several types of hubs and bearings, in order to allow the perfect response and the best need / price ratio for any type of high or low temperature requirement.

The MTW 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 and bakery / 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.



Examples of use

Bakery trolleys and racks, every high temperature use, but better if not on abrasive floors and high humidity.



Uses

The DITHERM MTW wheels are manufactured to resist to a range of temperatures between -40°C and +300°C.

They feature a good resistance to water, most solvents, oils, acids and chemicals, excellent fire-smoke-toxicity properties and are fully certified for use in bakery and food industry, as well as for any oven application requiring temperature of exercise up to +300°C of peak.

These wheels assure also a great work into freezers and in temperature until -40°C and guarantee a high resistance against thermal shock caused by quick increasing or reduction of temperature, in fact the new Ditherm® material allows these wheels to resist to sudden variation of temperatures, permitting to withstand jumps of 340°C in less than 60 seconds, either from cold to hot or reverse. Ditherm MTW wheels do not mark the floor when the free rolling is secured, but can leave traces of grinded material if used on abrasive floors; also, some chipping or cracking of the wheel surface can happen in case of use on very uneven floors or in presence of heavy impacts against sharp obstacles, and in this eventuality we suggest you to contact our offices which will be able to provide the perfect wheel for your needs.