

HT

Series Castors

NPT





Advances

in digital technology revolutionize electronic equipment by the dozens with nothing less pronounced as the ultrasound diagnostic machines. Once these behemoths weighing in like sumo wrestler rule the clinic and hospital floors are gradually replaced by trim down version requiring less and less effort to move around. Castors previously designed to shift them to and fro now seem relatively dated and oversized. Realizing this, we spare no time to put new designs on the drawing board; sketches upon sketches, the HT was born. **1**

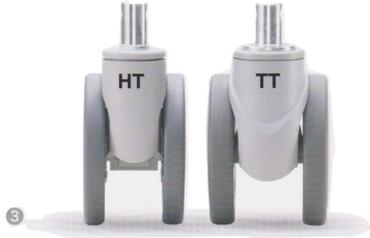
In essential, the HT is a descendent of twin-wheel series of TT castor **2** which has stopped the world with its Trident Total Lock System and highly preferred on various mobile medical units. Remains unmatched in its reliability, this locking mechanism is faithfully passed on to HT.



Standing Alone,

HT is easily mistaken as its forebear. However, when stood side by side of each other, their overall size is obvious. Although HT is less massive, there is no compromise as far as its performance and property is concerned. Plainly speaking, it is a light weight, elegant tractor that fits the bill. **3**

Other than cosmetic variations, additional engineering twist allows HT to out perform its predecessor.



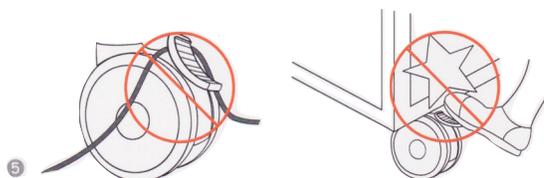
Foremost

is the braking elements. While locking mechanism is basically identical to TT, the components are redesigned to function at a lighter application force. A gentle tap is all it takes to activate the system; ON/OFF, each completed with a pleasant thud. **4**



Castors

of yesterdays are often complained about marring up shoe tips and the annoyance of having wire trapped between stiff pedals. With HT, these are history. **5**



The lock pedals

ON/OFF are surgically re-designed to keep wires and cables away at brake application, meanwhile allowing ample room to accommodate the tapping toe. **6**



Suffice it to say,

available with a range of mounting fitting, locking options and tread properties, all one needs is a choice of color, as stock it is either gray or white (color customization available pending on quantity order).

With all these merits in situ, one may easily jump to conclusion that this new breed must cost dearly. It is more affordable than ever. See specifications below.



HT Specifications



Top Plate Fitting

Glass fiber reinforced Nylon 6 for body and brake pedals. Precision ball bearings at swivel head and wheel axle. Non-marking, elastic thermoplastic polyurethane treads.

Total Locking

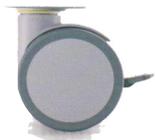
Model Number	mm	mm	mm	fitting	mm	mm	mm	kg	Shore A	kg
HT100BP1/G	100	14	67	P1	30	126	108	80.0	85+5	0.62
HT100BP2/G	100	14	67	P2	30	122	108	80.0	85+5	0.62
HT125BP1/G	125	15	73	P1	38	149	133	100.0	85+5	0.77
HT125BP2/G	125	15	73	P2	38	145	133	100.0	85+5	0.77

Directional Locking

Model Number	mm	mm	mm	fitting	mm	mm	mm	kg	Shore A	kg
HT100D1P1/G	100	14	67	P1	30	126	108	80.0	85+5	0.62
HT100D1P2/G	100	14	67	P2	30	122	108	80.0	85+5	0.62
HT125D1P1/G	125	15	73	P1	38	149	133	100.0	85+5	0.77
HT125D1P2/G	125	15	73	P2	38	145	133	100.0	85+5	0.77

Free swivel

Model Number	mm	mm	mm	fitting	mm	mm	mm	kg	Shore A	kg
HT100P1/G	100	14	67	P1	30	126	86	80.0	85+5	0.57
HT100P2/G	100	14	67	P2	30	122	86	80.0	85+5	0.57
HT125P1/G	125	15	73	P1	38	149	106	100.0	85+5	0.68
HT125P2/G	125	15	73	P2	38	145	106	100.0	85+5	0.68

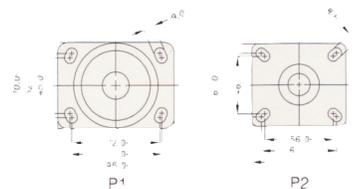


Conductive wheels are also available.
Add -KAS suffix to code, example HT100BP1/G-KAS
Stainless steel castors are also available.
Add -SS suffix to code, example HTE100BP1SS/G



Directional Locking Castor

Unless requested otherwise, directional locking castor with top plate fitting should be installed with the longer length parallel to the direction of travel.





Threaded Stem Fitting

Glass fiber reinforced Nylon 6 for body and brake pedals. Precision ball bearings at swivel head and wheel axle. Non-marking, elastic thermoplastic polyurethane treads.

Total Locking

Model Number	mm	mm	mm	fitting	mm	mm	mm	kg	Shore A	kg
HT100BT2/G	100	14	67	T2	30	122	108	80.0	85+5	0.51
HT100BT3/G	100	14	67	T3	30	122	108	80.0	85+5	0.51
HT100BT4/G	100	14	67	T4	30	122	108	80.0	85+5	0.51
HT100BT5/G	100	14	67	T5	30	122	108	80.0	85+5	0.51
HT125BT2/G	125	15	73	T2	38	145	133	100.0	85+5	0.69
HT125BT3/G	125	15	73	T3	38	145	133	100.0	85+5	0.69
HT125BT4/G	125	15	73	T4	38	145	133	100.0	85+5	0.69
HT125BT5/G	125	15	73	T5	38	145	133	100.0	85+5	0.69

Directional Locking

Model Number	mm	mm	mm	fitting	mm	mm	mm	kg	Shore A	kg
HT100D1T55/G	100	14	67	T55	30	122	108	80.0	85+5	0.51
HT125D1T55/G	125	15	73	T55	38	145	133	100.0	85+5	0.69

Free swivel

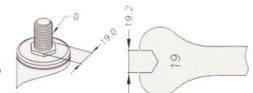
Model Number	mm	mm	mm	fitting	mm	mm	mm	kg	Shore A	kg
HT100T2/G	100	14	67	T2	30	122	86	80.0	85+5	0.45
HT100T3/G	100	14	67	T3	30	122	86	80.0	85+5	0.45
HT100T4/G	100	14	67	T4	30	122	86	80.0	85+5	0.45
HT100T5/G	100	14	67	T5	30	122	86	80.0	85+5	0.45
HT125T2/G	125	15	73	T2	38	145	106	100.0	85+5	0.60
HT125T3/G	125	15	73	T3	38	145	106	100.0	85+5	0.60
HT125T4/G	125	15	73	T4	38	145	106	100.0	85+5	0.60
HT125T5/G	125	15	73	T5	38	145	106	100.0	85+5	0.60



Conductive wheels are also available.
Add -KAS suffix to code, example HT100BP1/G-KAS
Stainless steel castors are also available.
Add -SS suffix to code, example HTE100BP1SS/G

Code Dimension

- T2 1/2-13UNCx1
- T3 M10x25mm P=1.5
- T4 M12x25mm P=1.75
- T5 M16x25mm P=2.0



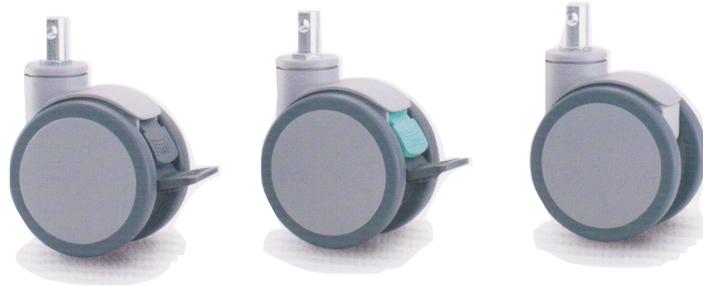
Directional Locking Castor

Unless requested otherwise, directional locking castor with top plate fitting should be installed with the longer length paralalled to the direction of travel.





Specifications



Round Stem Fitting

Glass fiber reinforced Nylon 6 for body and brake pedals. Precision ball bearings at swivel head and wheel axle. Non-marking, elastic thermoplastic polyurethane treads.

Total Locking

Model Number	mm	mm	mm	fitting	mm	mm	mm	kg	Shore A	kg
HT100BR8/G	100	14	67	R8	30	122	108	80.0	85+5	0.54
HT100BR9/G	100	14	67	R9	30	122	108	80.0	85+5	0.54
HT100BR63/G	100	14	67	R63	30	122	108	80.0	85+5	0.54
HT125BR8/G	125	15	73	R8	38	145	133	100.0	85+5	0.71
HT125BR9/G	125	15	73	R9	38	145	133	100.0	85+5	0.71
HT125BR63/G	125	15	73	R63	38	145	133	100.0	85+5	0.71

Directional Locking

Model Number	mm	mm	mm	fitting	mm	mm	mm	kg	Shore A	kg
HT100D1R8/G	100	14	67	R8	30	122	108	80.0	85+5	0.54
HT100D1R9/G	100	14	67	R9	30	122	108	80.0	85+5	0.54
HT100D1R63/G	100	14	67	R63	30	122	108	80.0	85+5	0.54
HT125D1R8/G	125	15	73	R8	38	145	133	100.0	85+5	0.71
HT125D1R9/G	125	15	73	R9	38	145	133	100.0	85+5	0.71
HT125D1R63/G	125	15	73	R63	38	145	133	100.0	85+5	0.71

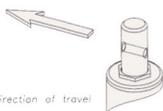
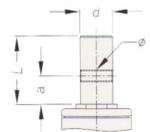
Free swivel

Model Number	mm	mm	mm	fitting	mm	mm	mm	kg	Shore A	kg
HT100R8/G	100	14	67	R8	30	122	108	80.0	85+5	0.48
HT100R9/G	100	14	67	R9	30	122	108	80.0	85+5	0.48
HT100R63/G	100	14	67	R63	30	122	108	80.0	85+5	0.48
HT125R8/G	125	15	73	R8	38	145	133	100.0	85+5	0.63
HT125R9/G	125	15	73	R9	38	145	133	100.0	85+5	0.63
HT125R63/G	125	15	73	R63	38	145	133	100.0	85+5	0.63



Conductive wheels are also available.
Add -KAS suffix to code, example HT100BR8/G-KAS
Stainless steel castors are also available.
Add -SS suffix to code, example HTE100BR8SS/G

Code	d	L	a	Ø
R8	22.0	45.0	19.0	M8x1.25
R9	28.0	45.0	19.0	M8x1.25
R63	18.0	28.0	19.0	M8x1.25

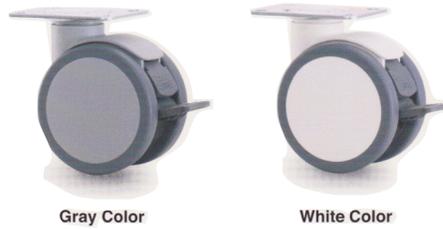


Directional Locking Castor
Unless requested otherwise, directional locking castor with top plate fitting should be installed with the longer length paralalled to the direction of travel.

Note

Changes to listed specifications can be arranged to suit special requirements, such modification largely depend on the size of orders. All specifications and dimensions are accurate for present production but subject to change without notice.

HT series come in two standard colors. Gray (RAL7001) and White (RAL9010). Serial numbers are listed for gray color only; if white color is desired, please replace the last letter (color code "G" with "W").





Evolution

is no longer a privilege term exclusive to the biological world, and neither is a theory in Catis where new products do evolved from their older counterparts. In a strict sense, Catis NPT caster **1** is bred from the classic Polytech Castor which under all circumstances has served the world faithfully for more than a decade. Following the company's guiding principle, "Looking for

Better Solutions," NPT up its ante with a slim down body accompanied by a smashing new lock design. Employing new plastic technology, NPT retains its rigidity and shed almost 30% weight from its predecessor. **2** While the shell is remolded to be more flashy and compact, its ergonomics facilitates user with handling ease during installation **3**.



Yet the beauty

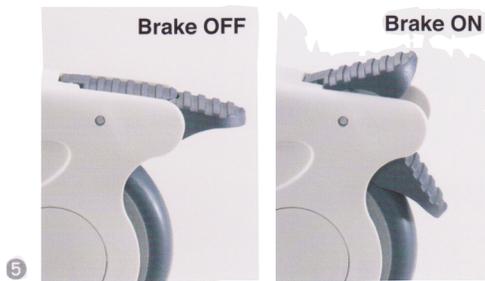
of NPT is not shell deep. Putting motion to a halt, the wheel is pressured to a standstill by one toothless stainless steel plate.

4 It is molded to bifurcate in the middle and to the curvature of the wheel, inducing maximum friction with no contact to the tread center at the same time.



Boldly said,

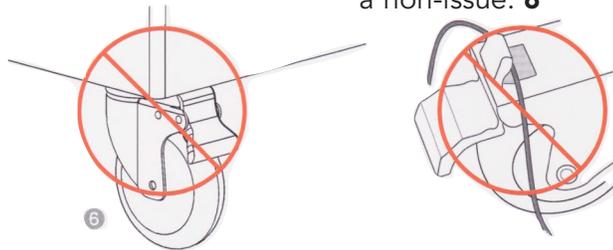
no flat spot, no brake burn and long live the wheel! While being more stable, using metal instead of plastic brake mechanism reduces noise significantly. Now, to actuate this stopping power, is a pair of brake pedals (ON/OFF). On release, the 2 pads rest in



All it takes

is slight pressure to freeze the wheel and a single tab to free it. No kicking or pounding on the pedals for stop and go, and no shoe caught by the undercarriage.

Last but not least, the brake pads are designed and shaped to move dangling objects away from the binders. Common complaint with wire, catheter tubing and cable strangled by brake pedals becomes a non-issue. **6**



NPT is a breed apart

Call us and personally experience how wonderful it works.

See specifications below.



Specifications



P Top Plate Fitting Glass fiber reinforced Nylon 6 for body and brake pedals. Precision ball bearings at swivel head and wheel axle. Non-marking, elastic thermoplastic polyurethane treads.

Total Locking

Model Number	mm	mm	fitting	mm	mm	mm	kg	Shore A	kg
NPT100BP1/G	100	25	P1	35	136	116	80.0	70+5	0.59
NPT100BP2/G	100	25	P2	35	136	116	80.0	70+5	0.59
NPT125BP1/G	125	30	P1	44	162	128	100.0	70+5	0.73
NPT125BP2/G	125	30	P2	44	162	128	100.0	70+5	0.73

Directional Locking

Model Number	mm	mm	fitting	mm	mm	mm	kg	Shore A	kg
NPT100D1P1/G	100	25	P1	35	136	116	80.0	70+5	0.59
NPT100D1P2/G	100	25	P2	35	132	116	80.0	70+5	0.59
NPT125D1P1/G	125	30	P1	44	162	128	100.0	70+5	0.73
NPT125D1P2/G	125	30	P2	44	162	128	100.0	70+5	0.73

Free swivel

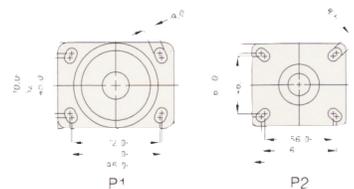
Model Number	mm	mm	fitting	mm	mm	mm	kg	Shore A	kg
NPT100P1/G	100	25	P1	35	136	99	80.0	70+5	0.56
NPT100P2/G	100	25	P2	35	136	99	80.0	70+5	0.56
NPT125P1/G	125	30	P1	44	162	110	100.0	70+5	0.69
NPT125P2/G	125	30	P2	44	162	110	100.0	70+5	0.69



Conductive wheels are also available.
Add -KAS suffix to code, example NPT100BP1/G-KAS
Stainless steel castors are also available.
Add -SS suffix to code, example NPTE100BP1SS/G

Directional Locking Castor

Unless requested otherwise, directional locking castor with top plate fitting should be installed with the longer length parallel to the direction of travel.





Threaded Stem Fitting

Glass fiber reinforced Nylon 6 for body and brake pedals. Precision ball bearings at swivel head and wheel axle. Non-marking, elastic thermoplastic polyurethane treads.

Total Locking

Model Number	mm	mm	fitting	mm	mm	mm	kg	Shore A	kg
NPT100BT2/G	100	25	T2	35	136	116	80.0	70+5	0.49
NPT100BT3/G	100	25	T3	35	136	116	80.0	70+5	0.49
NPT100BT4/G	100	25	T4	35	136	116	80.0	70+5	0.49
NPT100BT5/G	100	25	T5	35	136	116	80.0	70+5	0.49
NPT125BT2/G	125	30	T2	44	162	128	100.0	70+5	0.65
NPT125BT3/G	125	30	T3	44	162	128	100.0	70+5	0.65
NPT125BT4/G	125	30	T4	44	162	128	100.0	70+5	0.65
NPT125BT5/G	125	30	T5	44	162	128	100.0	70+5	0.65

Directional Locking

Model Number	mm	mm	fitting	mm	mm	mm	kg	Shore A	kg
NPT100D1T55/G	100	25	T55	35	136	116	80.0	70+5	0.49
NPT125D1T55/G	125	30	T55	44	162	128	100.0	70+5	0.65

Free swivel

Model Number	mm	mm	fitting	mm	mm	mm	kg	Shore A	kg
NPT100T2/G	100	25	T2	35	136	99	80.0	70+5	0.45
NPT100T3/G	100	25	T3	35	136	99	80.0	70+5	0.45
NPT100T4/G	100	25	T4	35	136	99	80.0	70+5	0.45
NPT100T5/G	100	25	T5	35	136	99	80.0	70+5	0.45
NPT125T2/G	125	30	T2	44	162	110	100.0	70+5	0.60
NPT125T3/G	125	30	T3	44	162	110	100.0	70+5	0.60
NPT125T4/G	125	30	T4	44	162	110	100.0	70+5	0.60
NPT125T5/G	125	30	T5	44	162	110	100.0	70+5	0.60



Conductive wheels are also available.
Add -KAS suffix to code, example NPT100BT4/G-KAS

Stainless steel castors are also available.
Add -SS suffix to code, example NPTE100BT4SS/G

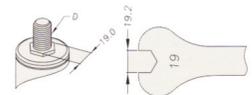
Directional Locking Castor

Unless requested otherwise, directional locking castor with top plate fitting should be installed with the longer length parallel to the direction of travel.



Code Dimension

- T2 1/2-13UNCx1
- T3 M10x25mm P=1.5
- T4 M12x25mm P=1.75
- T5 M16x25mm P=2.0





Specifications



Round Stem Fitting

Glass fiber reinforced Nylon 6 for body and brake pedals. Precision ball bearings at swivel head and wheel axle. Non-marking, elastic thermoplastic polyurethane treads.

Total Locking

Model Number	mm	mm	fitting	mm	mm	mm	kg	Shore A	kg
NPT100BR8/G	100	25	R8	35	136	116	80.0	70+5	0.52
NPT100BR9/G	100	25	R9	35	136	116	80.0	70+5	0.52
NPT100BR63/G	100	25	R63	35	136	116	80.0	70+5	0.52
NPT125BR8/G	125	30	R8	44	162	128	100.0	70+5	0.67
NPT125BR9/G	125	30	R9	44	162	128	100.0	70+5	0.67
NPT125BR63/G	125	30	R63	44	162	128	100.0	70+5	0.67

Directional Locking

Model Number	mm	mm	fitting	mm	mm	mm	kg	Shore A	kg
NPT100D1R8/G	100	25	R8	35	136	116	80.0	70+5	0.52
NPT100D1R9/G	100	25	R9	35	136	116	80.0	70+5	0.52
NPT100D1R63/G	100	25	R63	35	136	116	80.0	70+5	0.52
NPT125D1R8/G	125	30	R8	44	162	128	100.0	70+5	0.67
NPT125D1R9/G	125	30	R9	44	162	128	100.0	70+5	0.67
NPT125D1R63/G	125	30	R63	44	162	128	100.0	70+5	0.67

Free swivel

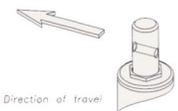
Model Number	mm	mm	fitting	mm	mm	mm	kg	Shore A	kg
NPT100R8/G	100	25	R8	35	136	99	80.0	70+5	0.47
NPT100R9/G	100	25	R9	35	136	99	80.0	70+5	0.47
NPT100R63/G	100	25	R63	35	136	99	80.0	70+5	0.47
NPT125R8/G	125	30	R8	44	162	110	100.0	70+5	0.63
NPT125R9/G	125	30	R9	44	162	110	100.0	70+5	0.63
NPT125R63/G	125	30	R63	44	162	110	100.0	70+5	0.63



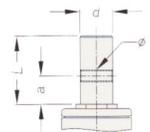
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Stainless steel castors are also available.
Add -SS suffix to code, example HTE100BR8SS/G

Directional Locking Castor

Unless requested otherwise, directional locking castor with top plate fitting should be installed with the longer length paralalled to the direction of travel.



Code	d	L	a	Ø
R8	22.0	45.0	19.0	M8x1.25
R9	28.0	45.0	19.0	M8x1.25
R63	18.0	28.0	19.0	M8x1.25



Note

Changes to listed specifications can be arranged to suit special requirements, such modification largely depend on the size of orders. All specifications and dimensions are accurate for present production but subject to change without notice.

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