

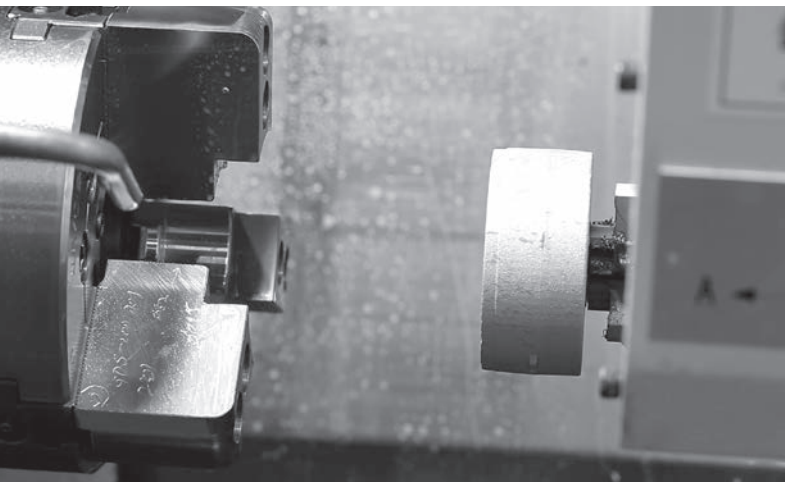
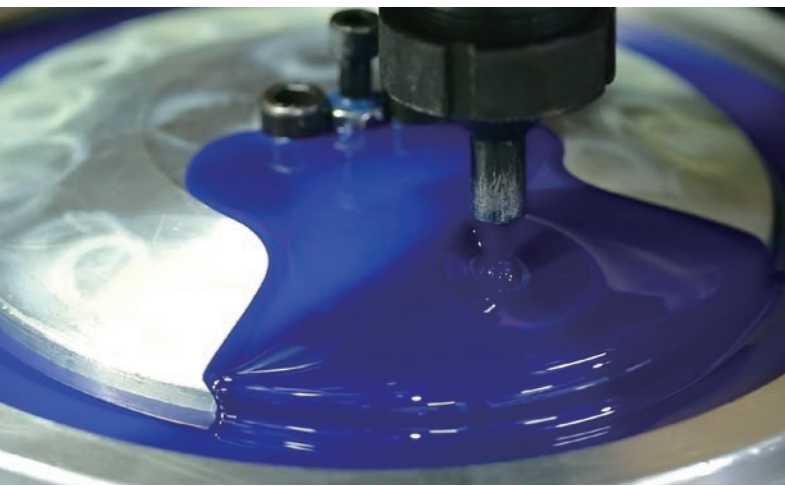
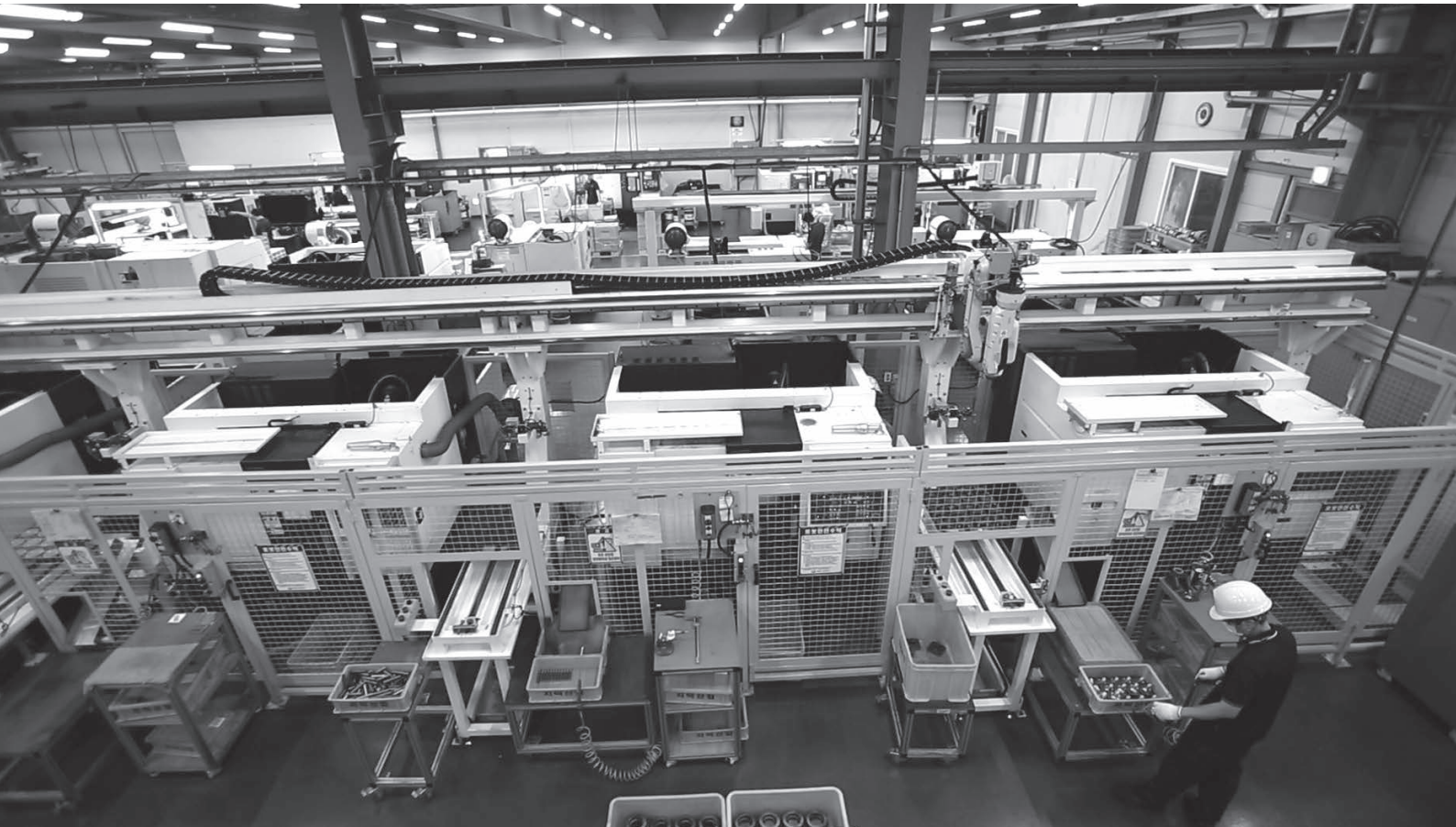
The Pride of Top Quality
FOOT MASTER®

Shock absorbing casters



Guide for selection of wheels : Shock absorbing casters

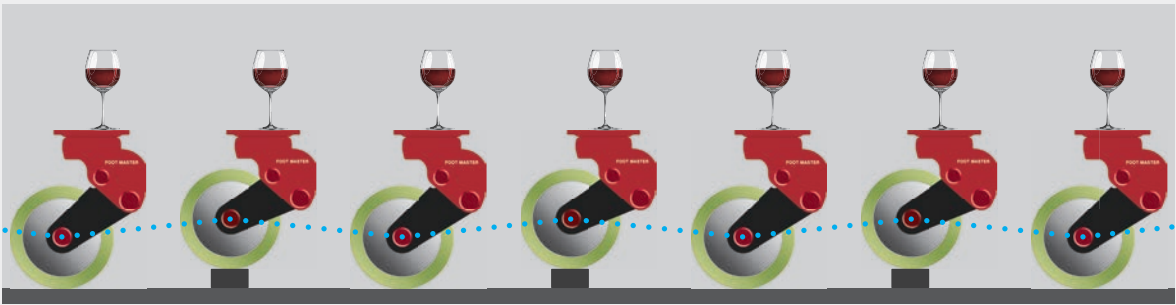
Image	Series	Description	Wheel code	Wheel dia mm	Wheel width mm	Axle bore mm	Hub length mm	Load capacity Kg	Bearing type
	TUS	- Injected polyurethane (Shore A92)	TUS-100-30	100	30	8	40	100	6202 ZZ
		- PP core - One ball bearing	TUS-125-30	125	30	8	40	110	6202 ZZ
	TUD	- Injected polyurethane (Shore A92)	TUD-100-30	100	30	8	30	100	608 ZZ
		- PP core	TUD-125-30	125	30	8	30	110	608 ZZ
		- Two ball bearings	TUD-150-30	150	30	8	30	110	608 ZZ
	HRS	- Injected rubber (Shore A85)	HRS-100-30	100	30	8	40	100	6202 ZZ
		- PP core - One ball bearing	HRS-125-30	125	30	8	40	110	6202 ZZ
	HRD	- Injected rubber (Shore A85)	HRD-100-30	100	30	8	30	100	608 ZZ
		- PP core	HRD-125-30	125	30	8	30	110	608 ZZ
		- Two ball bearings	HRD-150-30	150	30	8	30	110	608 ZZ
	LUD	- Cast polyurethane (Shore A90)	LUD-75-30	75	30	8	30	90	608 ZZ
		- Aluminum core	LUD-100-30	100	30	8	30	120	608 ZZ
		- Two ball bearings	LUD-125-30	125	30	8	30	120	608 ZZ
			LUD-150-30	150	30	8	30	120	608 ZZ
	LUD-WEU	- Cast polyurethane (Shore A90)	LUD-WEU-75-30	75	30	8	30	90	608 ZZ
		- Aluminum core	LUD-WEU-100-30	100	30	8	30	120	608 ZZ
		- Two ball bearings	LUD-WEU-125-30	125	30	8	30	120	608 ZZ
		- Anti-static version (10 ⁸ ~10 ⁹ Ωcm)	LUD-WEU-150-30	150	30	8	30	120	608 ZZ
	MUD	- Cast polyurethane (Shore A95)	MUD-150-48	150	48	15	50	360	6202 ZZ
		- Aluminum core - Two ball bearings	MUD-200-48	200	48	15	50	450	6202 ZZ
	HUD		HUD-130-40	130	40	15	50	430	6202 ZZ
		- Cast polyurethane (Shore A95)	HUD-150-40	150	40	15	50	550	6202 ZZ
		- Aluminum core	HUD-200-40	200	40	15	50	550	6202 ZZ
		- Two ball bearings	HUD-200-48	200	48	15	60	600	6202 ZZ
			HUD-250-60	250	60	25	60	1,350	6205 ZZ
	HUD-WEU	- Cast polyurethane (Shore A95)	HUD-WEU-130-40	130	40	15	50	430	6202 ZZ
		- Aluminum core	HUD-WEU-150-40	150	40	15	50	550	6202 ZZ
		- Two ball bearings - Anti-static version (10 ⁸ ~10 ⁹ Ωcm)	HUD-WEU-200-40	200	40	15	50	550	6202 ZZ



Shock absorbing casters

GDS shock absorbing casters

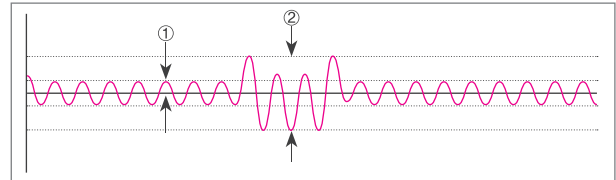
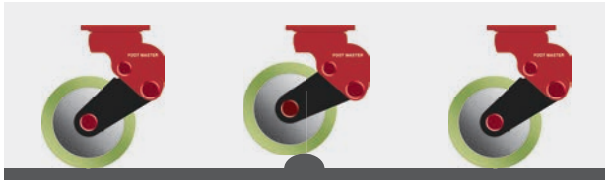
Advanced shock absorbing technology with a noise free solution



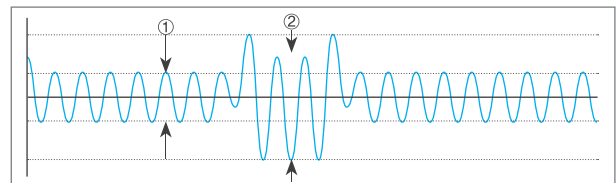
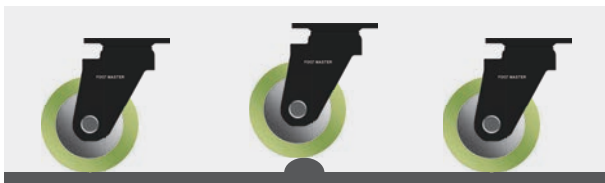
FOOT MASTER® shock absorbing casters using special rubber springs absorbing fine vibrations can not only protect products sensitive to shocks such as semiconductors and glass during movement, but can reduce even general natural noises as well as road-surface friction noises generated during the process of towing.

Major features

Shock absorbing casters



Normal casters



1. Noise reduction

FOOT MASTER® shock absorbing caster uses special rubber which absorbs fine vibrations. This special rubber shows a more outstanding effect in noise reduction than the shock-absorbing caster using general coil springs by intercepting the transmission of vibrations generated from a metal body.

2. Protection from external shocks

Products such as semiconductors and glass can receive fatal defects by fine shocks during movement. As shown in the above wave graph, FOOT MASTER® technology absorbs shocks like a sponge to largely reduce external shocks coming from uneven floors to prevent damage to the products.

FOOT MASTER®

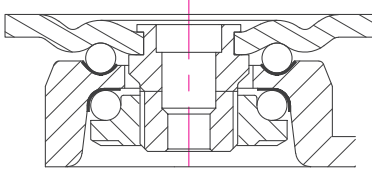
Shock absorbing casters GDS series



90~350kg



-10~90°C



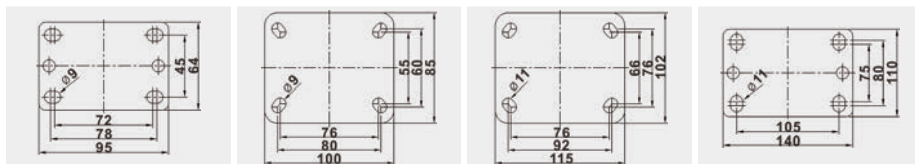
Brackets: Pressed steel plate, double ball bearing with hardened bearing seats in the swivel head, ivory-colored aluminum frame, fine shock absorption function with special rubber(select between A65 and A75), smooth-operating top brake system, special wheel axle for reinforce of smooth rolling

Surface Treatment: Powder coating, zinc plated

* Recommended Load = Load Cap. × 3

Swivel	Rigid	Swivel with brake	Rigid with brake	Wheel type	Cushion	mm	mm	Kg	mm	mm	mm	mm	mm
GDS-75-ASF	GDS-75-ARF	—	—	LUD	65° / 75°	75	30	90	130~15	35~39	73x73	58x58	7
GDS-100-ASF	GDS-100-ARF	GDS-100-BSF	GDS-100-BRF			100	30	100	160~20	45~53			
GDS-125-ASF	GDS-125-ARF	GDS-125-BSF	GDS-125-BRF			125	30	100	187~20	45~54			
GDS-130-ASF	GDS-130-ARF	GDS-130-BSF	GDS-130-BRF	HUD	65° / 75°	130	40	350	200~30	36~50	95x95	70x70	11
GDS-150-ASF	GDS-150-ARF	GDS-150-BSF	GDS-150-BRF			150	40	350	230~30	36~50			
GDS-200-ASF	GDS-200-ARF	GDS-200-BSF	GDS-200-BRF			200	40	350	270~35	55~76			

Options



Code Suffix	-PUS	-PEU	-PUS	-PEU
Available for	75 ~ 125	75 ~ 125	130 ~ 200	130 ~ 200

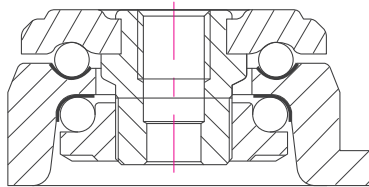
Code Suffix	LUD	HUD	-FBL	-WEU		
Description	Cast PU(A90)	Cast PU(A95)	Black frame	Anti-static(Black)		
Available for	75 ~ 125	130 ~ 200	75 ~ 200	75 ~ 200		

FOOT MASTER®

Shock absorbing casters GDS series



kg 90~350kg **RoHS** **°C** -10~90°C



Brackets: Pressed steel plate(130~200 series: forged steel), double ball bearing with hardened bearing seats in the swivel head, ivory-colored aluminum frame, fine shock absorption function with special rubber(select between A65 and A75), smooth-operating top brake system, special wheel axle for reinforce of smooth rolling

Surface Treatment: Powder coating, zinc plated

* Recommended Load = Load Cap. × 3

Swivel	Rigid	Swivel with brake	Rigid with brake	Wheel type	Cushion	mm	mm	Kg	mm	mm	mm	mm
GDS-75-ASS	GDS-75-ARS	—	—	LUD	65° / 75°	75	30	90	130-15	35~39	M12x1.75P	18
GDS-100-ASS	GDS-100-ARS	GDS-100-BSS	GDS-100-BRS			100	30	100	160-20	45~53		
GDS-125-ASS	GDS-125-ARS	GDS-125-BSS	GDS-125-BRS			125	30	100	187-20	45~54		
GDS-130-ASS	GDS-130-ARS	GDS-130-BSS	GDS-130-BRS	HUD	65° / 75°	130	40	350	200-30	36~50	M16x2.0P	24
GDS-150-ASS	GDS-150-ARS	GDS-150-BSS	GDS-150-BRS			150	40	350	230-30	36~50		
GDS-200-ASS	GDS-200-ARS	GDS-200-BSS	GDS-200-BRS			200	40	350	270-35	55~76		

Options

Code Suffix	LUD	HUD	-FBL	-WEU		
Description	Cast PU(A90)	Cast PU(A95)	Black frame	Anti-static(Black)		
Available for	75 ~ 125	130 ~ 200	75 ~ 200	75 ~ 200		

FOOT MASTER®

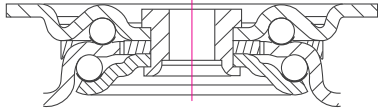
Shock absorbing casters G series



100~120kg



-10~90°C



Brackets: Pressed steel plate, double ball bearing with hardened bearing seats in the swivel head, strong integrated pressed steel frame, dust protection cover in the swivel head, fine shock absorption function with special rubber, smooth-operating top brake system, bolted wheel axle structure

Surface Treatment: Zinc plated

* Recommended Load = Load Cap. × 3

Swivel	Rigid	Swivel with brake	Rigid with brake	Wheel type	Cushion	mm	mm	Kg	mm	mm	mm	mm	mm
G-100-ASF	G-100-ARF	G-100-BSF	G-100-BRF	TUS	50 °	100	30	100	150-10	45~50	100x85	80x60 77x45	9
G-125-ASF	G-125-ARF	G-125-BSF	G-125-BRF		70 °	125	30	110	177.5-10	50~55			
G-100-ASF	G-100-ARF	G-100-BSF	G-100-BRF	HRS	50 °	100	30	100	150-10	45~50	100x85	80x60 77x45	9
G-125-ASF	G-125-ARF	G-125-BSF	G-125-BRF		70 °	125	30	110	177.5-10	50~55			
G-100-ASF	G-100-ARF	G-100-BSF	G-100-BRF	TUD	50 °	100	30	100	150-10	45~50	100x85	80x60 77x45	9
G-125-ASF	G-125-ARF	G-125-BSF	G-125-BRF		70 °	125	30	110	177.5-10	50~55			
G-150-ASF	G-150-ARF	G-150-BSF	G-150-BRF		70 °	150	30	110	200-10	50~57			
G-100-ASF	G-100-ARF	G-100-BSF	G-100-BRF	HRD	50 °	100	30	100	150-10	45~50	100x85	80x60 77x45	9
G-125-ASF	G-125-ARF	G-125-BSF	G-125-BRF		70 °	125	30	110	177.5-10	50~55			
G-150-ASF	G-150-ARF	G-150-BSF	G-150-BRF		70 °	150	30	110	200-10	50~57			
G-100-ASF	G-100-ARF	G-100-BSF	G-100-BRF	LUD	50 °	100	30	120	150-10	45~50	100x85	80x60 77x45	9
G-125-ASF	G-125-ARF	G-125-BSF	G-125-BRF		70 °	125	30	120	177.5-10	50~55			
G-150-ASF	G-150-ARF	G-150-BSF	G-150-BRF		70 °	150	30	120	200-10	50~57			

Options

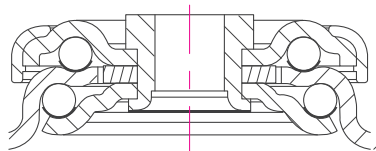
Code Suffix	TUS	HRS	TUD	HRD	LUD	-WEU
Description	Inj. PU(A92)	Rubber(A85)	Inj. PU(A92)	Rubber(A85)	Cast PU(A90)	Anti-static(Black)
Available for	100 ~ 125	100 ~ 125	100 ~ 150	100 ~ 150	100 ~ 150	100 ~ 150

FOOT MASTER®

Shock absorbing casters

G series







 100~120kg  RoHS  -10~90°C



Brackets: Pressed steel plate, double ball bearing with hardened bearing seats in the swivel head, strong integrated pressed steel frame, dust protection cover in the swivel head, fine shock absorption function with special rubber, smooth-operating top brake system, bolted wheel axle structure

Surface Treatment: Zinc plated

* Recommended Load = Load Cap. × 3

Swivel	Swivel with brake	Wheel type	Cushion	 mm	 mm	 Kg	 mm	 mm	 mm
G-100-ASS	G-100-BSS	TUS	50 °	100	30	100	150-10	45~50	12.5
G-125-ASS	G-125-BSS		70 °	125	30	110	177.5-10	50~55	
G-100-ASS	G-100-BSS	HRS	50 °	100	30	100	150-10	45~50	12.5
G-125-ASS	G-125-BSS		70 °	125	30	110	177.5-10	50~55	
G-100-ASS	G-100-BSS	TUD	50 °	100	30	100	150-10	45~50	12.5
G-125-ASS	G-125-BSS		70 °	125	30	110	177.5-10	50~55	
G-150-ASS	G-150-BSS		70 °	150	30	110	200-10	50~57	
G-100-ASS	G-100-BSS	HRD	50 °	100	30	100	150-10	45~50	12.5
G-125-ASS	G-125-BSS		70 °	125	30	110	177.5-10	50~55	
G-150-ASS	G-150-BSS		70 °	150	30	110	200-10	50~57	
G-100-ASS	G-100-BSS	LUD	50 °	100	30	120	150-10	45~50	12.5
G-125-ASS	G-125-BSS		70 °	125	30	120	177.5-10	50~55	
G-150-ASS	G-150-BSS		70 °	150	30	120	200-10	50~57	

Options

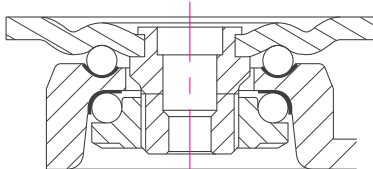
						
Code Suffix	TUS	HRS	TUD	HRD	LUD	-WEU
Description	Inj. PU(A92)	Rubber(A85)	Inj. PU(A92)	Rubber(A85)	Cast PU(A90)	Anti-static(Black)
Available for	100 ~ 125	100 ~ 125	100 ~ 150	100 ~ 150	100 ~ 150	100 ~ 150

FOOT MASTER®

Shock absorbing casters GDSD series



100~350kg
 RoHS
 -10~90°C



Brackets: Pressed steel plate(130 series: forged steel), double ball bearing with hardened bearing seats in the swivel head, ivory-colored aluminum frame, fine shock absorption function with special rubber, dual-wheel structure that is advantageous in turning direction, bolted wheel axle structure

Surface Treatment: Powder coating, zinc plated

* Recommended Load = Load Cap. × 3

Swivel	Rigid	Wheel type	Cushion	mm	mm	Kg	mm	mm	mm	mm	mm
GDSD-100-ASF	GDSD-100-ARF	LUD	65 °	100	30x2	100	162,5~20	45~53	73x73	58x58	7
GDSD-130-ASF	GDSD-130-ARF	HUD	65 °	130	40x2	350	227~30	50~66	95x95	70x70	11

Options

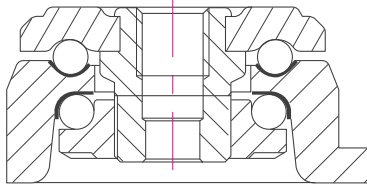
Code Suffix	LUD	HUD	-WEU			
Description	Cast PU(A90)	Cast PU(A95)	Anti-static(Black)			
Available for	100	130	100 ~ 130			

FOOT MASTER®

Shock absorbing casters GDSD series



kg 100kg **RoHS** **°C -10~90°C**





Brackets: Pressed steel plate, double ball bearing with hardened bearing seats in the swivel head, ivory-colored aluminum frame, fine shock absorption function with special rubber, dual-wheel structure that is advantageous in turning direction, bolted wheel axle structure

Surface Treatment: Powder coating, zinc plated

* Recommended Load = Load Cap. × 3

Swivel	Rigid	Wheel type	Cushion	 mm	 mm	 Kg	 mm	 mm	 mm	 mm
GDSD-100-ASS	GDSD-100-ARS	LUD	65 °	100	30x2	100	162,5-20	45~53	M12x1,75P	18

Options

										
Code Suffix	LUD	-WEU								
Description	Cast PU(A90)	Anti-static(Black)								
Available for	100	100								

FOOT MASTER®

Shock absorbing casters

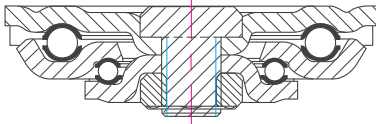
GDSP series



360~450kg



-10~90°C



Towing by power vehicle(20km/h)

Brackets: Pressed steel plate, double ball bearing with hardened bearing seats in the swivel head, strong welded frame, fine shock absorption function with special rubber, towing by power vehicle(20km/h), steel top brake system, bolted wheel axle structure

Surface Treatment: Zinc plated

* Recommended Load = Load Cap. × 3

Swivel	Rigid	Swivel with brake	Rigid with brake	Wheel type	Cushion	mm	mm	Kg	mm	mm	mm	mm	mm
GDSP-150-ASF	GDSP-150-ARF	GDSP-150-BSF	GDSP-150-BRF	MUD	65 °	150	48	360	202-14	48~53	158x114	133x86 125x62	13
GDSP-200-ASF	GDSP-200-ARF	GDSP-200-BSF	GDSP-200-BRF		75 °	200	48	450	253-15	65~75			
GDSP-150-ASF-PEU	GDSP-150-ARF-PEU	GDSP-150-BSF-PEU	GDSP-150-BRF-PEU	MUD	65 °	150	48	360	202-14	48~53	140x110	105x80 105x75	11
GDSP-200-ASF-PEU	GDSP-200-ARF-PEU	GDSP-200-BSF-PEU	GDSP-200-BRF-PEU		75 °	200	48	450	253-15	65~75			

Options

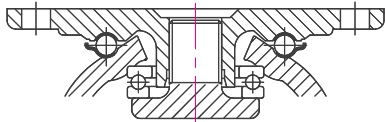
Code Suffix	MUD	-2DL	-4DL			
Description	Cast PU(A95)	2 Directional Lock	4 Directional Lock			
Available for	150 ~ 200	150 ~ 200	150 ~ 200			

FOOT MASTER®

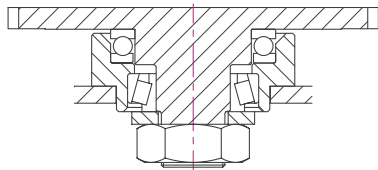
Shock absorbing casters GSST series



kg 400~1,350kg **RoHS** **°C** -10~90°C



GSST(130~200W)



GSST(250)

Towing by power vehicle(20km/h)

Brackets: Forged steel plate, ball bearing with hardened bearing seats and thrust bearing in the swivel head(250 series: thrust bearing and taper roller bearing), rugged pressed steel frame with ivory color after welding, fine shock absorption function with special rubber(select between A65 and A75), towing by power vehicle(20km/h), strong top brake system, bolted wheel axle structure

Surface Treatment: Powder coating, zinc plated

* Recommended Load = Load Cap. × 3

Swivel	Rigid	Swivel with brake	Wheel type	Cushion	mm	mm	Kg	mm	mm	mm	mm	mm
GSST-130-ASF	GSST-130-ARF	GSST-130-BSF	HUD	65° / 75°	130	40	400	200-21	46~55	160x120	135x85 125x65	15
GSST-150-ASF	GSST-150-ARF	GSST-150-BSF			150	40	400	232-30	46~61			
GSST-200-ASF	GSST-200-ARF	GSST-200-BSF			200	40	400	276-30	50~70			
GSST-200W-ASF	GSST-200W-ARF	-	HUD	75°	200	48	500	279-30	50~68	160x135	140x105 105x80	14
GSST-250-ASF	GSST-250-ARF	-	HUD	65° / 75°	250	60	1,350	362-30	78~92	175x140	148x111 132x99	14

Options

Code Suffix	HUD											
Description	Cast PU(A95)											
Available for	130 ~ 250											