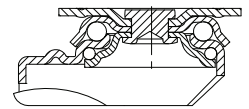
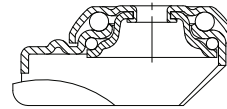
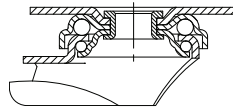
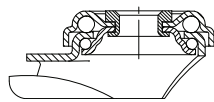


Wheels and castors guide

Blickle swivel and fixed castor bracket series

Pressed steel swivel bracket for light-duty castors

The dimensions and load capacity of each fixed bracket match the corresponding swivel bracket. However, the plate size is slightly larger for some fixed castors compared to the corresponding swivel castors.

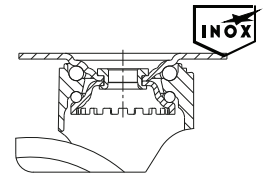
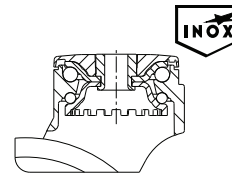
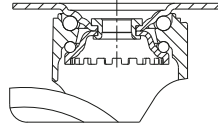
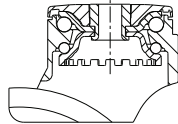


Series	LRA / LKRA Light-duty swivel bracket with bolt hole	LPA / LKPA Light-duty swivel bracket with top plate	LMDA Light-duty twin wheel swivel bracket with bolt hole	LDA Light-duty twin wheel swivel bracket with top plate
For wheel Ø	35–150 mm	35–150 mm	50–75 mm	50–75 mm
Load capacity	up to 150 kg	up to 150 kg	up to 100 kg	up to 100 kg
Bracket structure	pressed steel, double ball bearing in the swivel head, strong central kingpin, minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process synthetic “stop-fix” brake lever for series LRA, steel brake lever for series LKRA	pressed steel, double ball bearing in the swivel head, strong central kingpin, minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process synthetic “stop-fix” brake lever for series LPA, steel brake lever for series LKPA	pressed steel, double ball bearing in the swivel head, pressed swivel head synthetic brake lever	pressed steel, double ball bearing in the swivel head, strong central kingpin, pressed swivel head synthetic brake lever
Surface	zinc-plated, blue-passivated, Cr6-free	zinc-plated, blue-passivated, Cr6-free	zinc-plated, blue-passivated, Cr6-free	zinc-plated, blue-passivated, Cr6-free
Swivel head seal	ball protection from special design of swivel head	ball protection from special design of swivel head	ball protection from special design of swivel head	ball protection from special design of swivel head
Maintenance under standard conditions	maintenance-free, long-life grease	maintenance-free, long-life grease	maintenance-free, long-life grease	maintenance-free, long-life grease
Temperature resistance	-30 °C to +130 °C	-30 °C to +130 °C	-30 °C to +130 °C	-30 °C to +130 °C
Fitting types	bolt hole	top plate	bolt hole	top plate
Brake systems				
“stop-fix”	✓	✓	✓	✓
“stop-top”				
“central-stop”				
“ideal-stop”				
“Radstop”	✓	✓		
Directional lock				
Options	<ul style="list-style-type: none"> threaded pin (-GS10 / -GS12) plug-in pin (-ES) synthetic castor socket (see page 148) expander fitting for round and square tubes (see page 148) buffer (see page 148) 			
Matching fixed bracket series	BRA, BKRA	BPA, BKPA	–	–
Additional considerations	<ul style="list-style-type: none"> the top plate should be in contact with the mounting surface to maximise load capacity 		<ul style="list-style-type: none"> the top plate should be in contact with the mounting surface to maximise load capacity 	

Wheels and castors guide

Blickle swivel and fixed castor bracket series

Synthetic swivel bracket

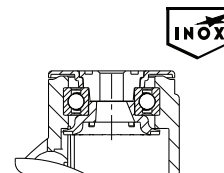
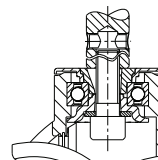
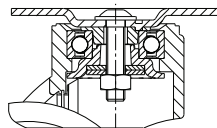
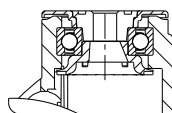


Series	LKFG Synthetic swivel bracket with bolt hole, design castor FLOW	LKFG Synthetic swivel bracket with top plate, design castor FLOW	LKFGX Synthetic swivel bracket with bolt hole, design castor FLOW	LKFGX Synthetic swivel bracket with top plate, design castor FLOW
For wheel Ø	125 mm	125 mm	125 mm	125 mm
Load capacity	up to 110 kg	up to 110 kg	up to 110 kg	up to 110 kg
Bracket structure	high-quality thermoplastic, double ball bearing in the swivel head, modern, appealing design	high-quality thermoplastic, double ball bearing in the swivel head, modern, appealing design	high-quality thermoplastic, double corrosion-resistant ball bearing in the swivel head, all parts including axle material are corrosion-resistant, modern, appealing design	high-quality thermoplastic, double corrosion-resistant ball bearing in the swivel head, all parts including axle material are corrosion-resistant, modern, appealing design
Surface	silver grey RAL 7001	silver grey RAL 7001 zinc-plated steel top plate	silver grey RAL 7001	silver grey RAL 7001 vibration-ground finished stainless steel top plate
Swivel head seal	ball protection from special design of swivel head	ball protection from special design of swivel head	ball protection from special design of swivel head	ball protection from special design of swivel head
Maintenance under standard conditions	maintenance-free, long-life grease	maintenance-free, long-life grease	maintenance-free, long-life grease	maintenance-free, long-life grease
Temperature resistance	-20 °C to +50 °C temporarily up to +100 °C	-20 °C to +50 °C temporarily up to +100 °C	-20 °C to +50 °C temporarily up to +100 °C	-20 °C to +50 °C temporarily up to +100 °C
Fitting types	bolt hole	top plate	bolt hole	top plate
Brake systems				
“stop-fix”	✓	✓	✓	✓
“stop-top”				
“central-stop”				
“ideal-stop”				
“Radstop”				
Directional lock				
Options	<ul style="list-style-type: none"> • soft tread 60 Shore A, wheel variant (-TPS) • with zinc-plated top plate fitting (-P25) • with zinc-plated plug-in stem (-ZA51) • special colour 	<ul style="list-style-type: none"> • soft tread 60 Shore A, wheel variant (-TPS) • special colour 	<ul style="list-style-type: none"> • soft tread 60 Shore A, wheel variant (-TPS) • with top plate fitting stainless steel version in accordance with GKN standard (-PX27) • stainless steel plug-in stem fitting (-ZAX51) • special colour 	<ul style="list-style-type: none"> • soft tread 60 Shore A, wheel variant (-TPS) • special colour
Matching fixed bracket series	BKFG	BKFG	BKFGX	BKFGX
Additional considerations	<ul style="list-style-type: none"> • the top plate should be in contact with the mounting surface to maximise load capacity 		<ul style="list-style-type: none"> • the top plate should be in contact with the mounting surface to maximise load capacity 	

Wheels and castors guide

Blickle swivel and fixed castor bracket series

Synthetic swivel bracket

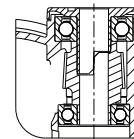
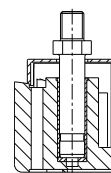
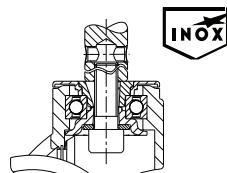
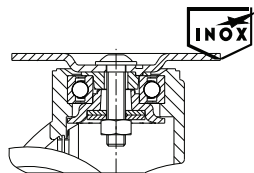


Series	LWK / LWG Synthetic swivel bracket with bolt hole, design castor WAVE	LWK / LWG Synthetic swivel bracket with top plate, design castor WAVE	LWK / LWG Synthetic swivel bracket with stem, design castor WAVE	LWKX / LWGX Synthetic swivel bracket with bolt hole, design castor WAVE
For wheel Ø	100–125 mm	100–125 mm	100–125 mm	100–125 mm
Load capacity	up to 110 kg	up to 110 kg	up to 110 kg	up to 110 kg
Bracket structure	high-quality nylon 6, impact resistant, encapsulated, double-sealed, grooved ball bearing in the swivel head, modern, appealing design	high-quality nylon 6, impact resistant, encapsulated, double-sealed, grooved ball bearing in the swivel head, modern, appealing design	high-quality nylon 6, impact resistant, encapsulated, double-sealed, grooved ball bearing in the swivel head, with steel plug-in stem, bolted and secured, modern, appealing design	high-quality nylon 6, impact resistant, encapsulated, double-sealed, grooved ball bearing in the swivel head, all parts including axle material are corrosion-resistant, modern, appealing design
Surface	LWK: grey white RAL 9002 LWG: silver grey RAL 7001	LWK: grey white RAL 9002 LWG: silver grey RAL 7001 zinc-plated steel top plate	LWK: grey white RAL 9002 LWG: silver grey RAL 7001 zinc-plated steel stem	LWKX: grey white RAL 9002 LWGX: silver grey RAL 7001
Swivel head seal	encapsulated, double-sealed, grooved ball bearing	encapsulated, double-sealed, grooved ball bearing	encapsulated, double-sealed, grooved ball bearing	corrosion-resistant, encapsulated, double-sealed, grooved ball bearing
Maintenance under standard conditions	maintenance-free, long-life grease	maintenance-free, long-life grease	maintenance-free, long-life grease	maintenance-free, long-life grease
Temperature resistance	-20 °C to +70 °C temporarily up to +80 °C	-20 °C to +70 °C temporarily up to +80 °C	-20 °C to +70 °C temporarily up to +80 °C	-20 °C to +70 °C temporarily up to +80 °C
Fitting types	bolt hole	top plate	stem	bolt hole
Brake systems				
“stop-fix”	✓	✓	✓	✓
“stop-top”				
“central-stop”	✓			
“ideal-stop”				
“Radstop”				
Directional lock				
Options	<ul style="list-style-type: none"> electrically conductive, non-marking (-ELS) threaded pin (-GS10 / -GS12) expander fitting for round and square tubes (see page 168) special colour buffer (see page 169) 	<ul style="list-style-type: none"> electrically conductive, non-marking (-ELS) plate size 78x66 mm (-P28) special colour 	<ul style="list-style-type: none"> electrically conductive, non-marking (-ELS) special colour 	<ul style="list-style-type: none"> electrically conductive, non-marking (-ELS) threaded pin (-GSX10 / -GSX12) expander fitting for round and square tubes (see page 168) special colour buffer (see page 169)
Matching fixed bracket series	–	–	–	–
Additional considerations	the top plate should be in contact with the mounting surface to maximise load capacity		the top plate should be in contact with the mounting surface to maximise load capacity	the top plate should be in contact with the mounting surface to maximise load capacity

Wheels and castors guide

Blickle swivel and fixed castor bracket series

Synthetic swivel bracket

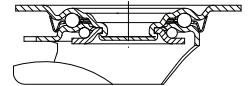
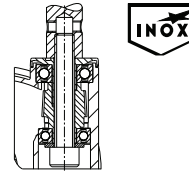
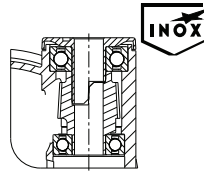
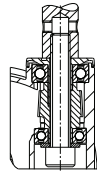


Series	LWKX / LWGX Synthetic swivel bracket with top plate, design castor WAVE	LWKX / LWGX Synthetic swivel bracket with stem, design castor WAVE	LKDG / LKDB Synthetic twin wheel swivel bracket for furniture castors	LKD / LKDG Synthetic twin wheel swivel bracket with bolt hole, design castor MOVE
For wheel Ø	100–125 mm	100–125 mm	50–100 mm	100–125 mm
Load capacity	up to 110 kg	up to 110 kg	up to 110 kg	up to 125 kg
Bracket structure	high-quality nylon 6, impact resistant, encapsulated, double-sealed, grooved ball bearing in the swivel head, all parts including axle material are corrosion-resistant, modern, appealing design	high-quality nylon 6, impact resistant, encapsulated, double-sealed, grooved ball bearing in the swivel head, stainless steel plug-in stem, bolted and secured, all parts including axle material are corrosion-resistant, modern, appealing design	high-quality nylon 6, impact resistant, high-quality synthetic plain bore in the swivel head	high-quality nylon 6, impact resistant, two grooved ball bearings in the swivel head sealed on both sides, modern, appealing design
Surface	LWKX: grey white RAL 9002 LWGX: silver grey RAL 7001 vibration-ground finished stainless steel top plate	LWKX: grey white RAL 9002 LWGX: silver grey RAL 7001 vibration-ground finished stainless steel stem	LKDG: light grey RAL 7035 LKDB: black RAL 9005 zinc-plated steel threaded pin	LKD: grey white RAL 9002 LKDG: silver grey RAL 7001
Swivel head seal	corrosion-resistant, encapsulated, double-sealed, grooved ball bearing	corrosion-resistant, encapsulated, double-sealed, grooved ball bearing		two grooved ball bearings sealed on both sides
Maintenance under standard conditions	maintenance-free, long-life grease	maintenance-free, long-life grease	maintenance-free, long-life grease	maintenance-free, long-life grease
Temperature resistance	-20 °C to +70 °C temporarily up to +80 °C	-20 °C to +70 °C temporarily up to +80 °C	-30 °C to +70 °C temporarily up to +80 °C	-20 °C to +70 °C temporarily up to +80 °C
Fitting types	top plate	stem	threaded pin	bolt hole
Brake systems				
“stop-fix”	✓	✓		✓
“stop-top”				
“central-stop”				
“ideal-stop”				
“Radstop”			✓	
Directional lock				✓
Options	<ul style="list-style-type: none"> electrically conductive, non-marking (-ELS) plate size 90x66 mm (-PX26) special colour 	<ul style="list-style-type: none"> electrically conductive, non-marking (-ELS) special colour 	<ul style="list-style-type: none"> electrically conductive, non-marking (-ELS) stainless steel version zinc-plated steel top plate fitting (-P..) zinc-plated steel plug-in pin (-ES) special colour 	<ul style="list-style-type: none"> electrically conductive, non-marking (-ELS) threaded pin (-GS10 / -GS12) directional lock combined with wheel brake (1 x 360°) (-RIFI) special mounting height 135 mm (LKDH / LKDGH) top plate fitting (-P25/-P26)
Matching fixed bracket series	–	–	–	–
Additional considerations		<ul style="list-style-type: none"> the top plate should be in contact with the mounting surface to maximise load capacity 		<ul style="list-style-type: none"> the top plate should be in contact with the mounting surface to maximise load capacity

Wheels and castors guide

Blickle swivel and fixed castor bracket series

Synthetic swivel bracket / pressed steel swivel bracket for transport equipment castors

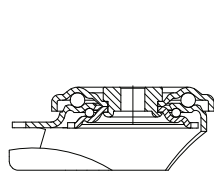


Series	LKD / LKDG Synthetic twin wheel swivel bracket with stem, design castor MOVE	LKDX / LKDGX Synthetic twin wheel swivel bracket, corrosion resistant, with bolt hole, designer castor MOVE	LKDX / LKDGX Synthetic twin wheel swivel bracket, corrosion resistant, with stem fitting, designer castor MOVE	LE Pressed steel swivel bracket with top plate
For wheel Ø	100–125 mm	100–125 mm	100–125 mm	60–200 mm
Load capacity	up to 125 kg	up to 125 kg	up to 125 kg	up to 300 kg
Bracket structure	high-quality nylon 6, impact resistant, two grooved ball bearings in the swivel head sealed on both sides, with steel plug-in stem, bolted and secured, modern, appealing design	high-quality nylon 6, impact resistant, two corrosion-resistant grooved ball bearings in swivel head sealed on both sides, all parts including axle material are corrosion-resistant, modern, appealing design	high-quality nylon 6, impact resistant, two corrosion-resistant grooved ball bearings in swivel head sealed on both sides, with stainless steel plug-in stem, bolted and secured, all parts including axle material are corrosion-resistant, modern, appealing design	pressed steel, double ball bearing in the swivel head, minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process
Surface	LKD: grey white RAL 9002 LKDG: silver grey RAL 7001 zinc-plated steel stem	LKDX: grey white RAL 9002 LKDGX: silver grey RAL 7001	LKDX: grey white RAL 9002 LKDGX: silver grey RAL 7001 vibration-ground finished stainless steel stem	zinc-plated, blue-passivated, Cr6-free
Swivel head seal	two grooved ball bearings sealed on both sides	two corrosion-resistant grooved ball bearings sealed on both sides	two corrosion-resistant grooved ball bearings sealed on both sides	sealing ring with integrated ball spacer
Maintenance under standard conditions	maintenance-free, long-life grease	maintenance-free, long-life grease	maintenance-free, long-life grease	maintenance-free, long-life grease
Temperature resistance	-20 °C to +70 °C temporarily up to +80 °C	-20 °C to +70 °C temporarily up to +80 °C	-20 °C to +70 °C temporarily up to +80 °C	-30 °C to +70 °C
Fitting types	stem	bolt hole	stem	top plate
Brake systems				
“stop-fix”	✓	✓	✓	✓
“stop-top”				✓
“central-stop”				✓
“ideal-stop”				
“Radstop”				
Directional lock	✓	✓	✓	✓
Options	<ul style="list-style-type: none"> electrically conductive, non-marking (-ELS) directional lock combined with wheel brake (1 x 360°) (-RIFI) special mounting height 135 mm (LKDH / LKDGH) 	<ul style="list-style-type: none"> electrically conductive, non-marking (-ELS) threaded pin (-GSX10 / -GSX12) directional lock combined with wheel brake (1 x 360°) (-RIFI) special mounting height 135 mm (LKDXH / LKDGXH) top plate fitting (-PX25/-PX26) 	<ul style="list-style-type: none"> electrically conductive, non-marking (-ELS) directional lock combined with wheel brake (1 x 360°) (-RIFI) special mounting height 135 mm (LKDXH / LKDGXH) 	<ul style="list-style-type: none"> steel foot guard (-FS)
Matching fixed bracket series	–	–	–	B
Additional considerations	the top plate should be in contact with the mounting surface to maximise load capacity	the top plate should be in contact with the mounting surface to maximise load capacity	the top plate should be in contact with the mounting surface to maximise load capacity	

Wheels and castors guide

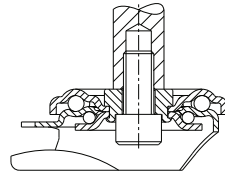
Blickle swivel and fixed castor bracket series

Pressed steel swivel bracket for transport equipment castors



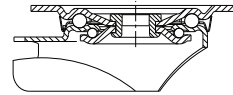
LER

Pressed steel swivel bracket with bolt hole



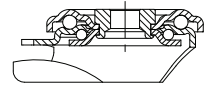
LEZ

Pressed steel swivel bracket with stem



L

Pressed steel swivel bracket, medium-duty version, with top plate



LR

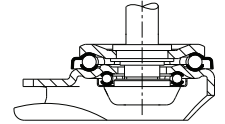
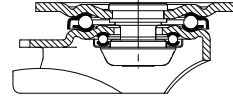
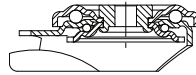
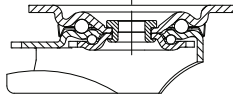
Pressed steel swivel bracket, medium-duty version, with bolt hole

Series	LER	LEZ	L	LR
For wheel Ø	60–200 mm	75–200 mm	60–280 mm	60–125 mm
Load capacity	up to 300 kg	up to 300 kg	up to 600 kg	up to 250 kg
Bracket structure	pressed steel, double ball bearing in the swivel head, strong central kingpin, minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process	pressed steel, double ball bearing in the swivel head, steel plug-in stem and central kingpin bolted and secured, minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process	pressed steel, double ball bearing in the swivel head, strong central kingpin (from wheel Ø 150 mm), minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process	pressed steel, double ball bearing in the swivel head, strong central kingpin, minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process
Surface	zinc-plated, blue-passivated, Cr6-free	zinc-plated, blue-passivated, Cr6-free	zinc-plated, blue-passivated, Cr6-free	zinc-plated, blue-passivated, Cr6-free
Swivel head seal	ball protection from special design of swivel head	ball protection from special design of swivel head	sealing ring with integrated ball spacer (exception: plate size 175x175 mm)	ball protection from special design of swivel head
Maintenance under standard conditions	maintenance-free, long-life grease	maintenance-free, long-life grease	maintenance-free, long-life grease	maintenance-free, long-life grease
Temperature resistance	-30 °C to +130 °C	-30 °C to +130 °C	-30 °C to +70 °C	-30 °C to +130 °C
Fitting types	bolt hole	stem	top plate	bolt hole
Brake systems				
“stop-fix”	✓	✓	✓	
“stop-top”			✓	
“central-stop”			✓	
“ideal-stop”				
“Radstop”			✓	✓
Directional lock			✓	
Options	<ul style="list-style-type: none"> steel foot guard (-FS) truck lock (FF...) 	<ul style="list-style-type: none"> steel foot guard (-FS) 	<ul style="list-style-type: none"> steel foot guard (-FS) 	
Matching fixed bracket series	–	–	B, BH	–
Additional considerations	<ul style="list-style-type: none"> the top plate should be in contact with the mounting surface to maximise load capacity 	<ul style="list-style-type: none"> the top plate should be in contact with the mounting surface to maximise load capacity 		<ul style="list-style-type: none"> the top plate should be in contact with the mounting surface to maximise load capacity

Wheels and castors guide

Blickle swivel and fixed castor bracket series

Pressed steel swivel bracket for transport equipment castors / pressed steel swivel bracket for heavy-duty castors

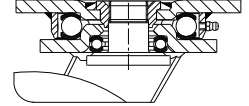
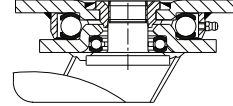
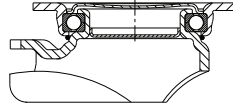
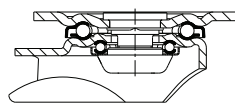


Series	LK Pressed steel swivel bracket, heavy-duty version, with top plate	LKR Pressed steel swivel bracket, heavy-duty version, with bolt hole	LH Pressed steel swivel bracket, heavy-duty version, with top plate	LHZ Pressed steel swivel bracket, heavy-duty design, with stem
For wheel Ø	65–200 mm	65–125 mm	60–250 mm	125–200 mm
Load capacity	up to 600 kg	up to 350 kg	up to 900 kg	up to 800 kg
Bracket structure	strong pressed steel, double ball bearing in the swivel head, strong central kingpin (from wheel Ø 125x50 mm), minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process	strong pressed steel, double ball bearing in the swivel head, strong central kingpin, minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process	strong pressed steel, heavy fork and top plate, double ball bearing in the swivel head, particularly resistant to shocks and impact due to four specially-shaped, hardened bearing seats, bolted and secured central kingpin, extremely strong, minimum wear at high load	strong pressed steel, heavy fork and top plate, double ball bearing in the swivel head, particularly resistant to shocks and impact due to four specially-shaped, hardened bearing seats, very strong, welded steel plug-in stem, bolted and secured, minimum wear at high load
Surface	zinc-plated, blue-passivated, Cr6-free	zinc-plated, blue-passivated, Cr6-free	zinc-plated, blue-passivated, Cr6-free	zinc-plated, blue-passivated, Cr6-free
Swivel head seal	sealing ring with integrated ball spacer	ball protection from special design of swivel head	ball protection from special design of swivel head	ball protection from special design of swivel head
Maintenance under standard conditions	maintenance-free, long-life grease	maintenance-free, long-life grease	maintenance-free, long-life grease	maintenance-free, long-life grease
Temperature resistance	-30 °C to +70 °C	-30 °C to +130 °C	-30 °C to +130 °C	-30 °C to +130 °C
Fitting types	top plate	bolt hole	top plate	stem
Brake systems				
“stop-fix”	✓	✓	✓	✓
“stop-top”	✓		✓	✓
“central-stop”	✓		✓	
“ideal-stop”	✓		✓	
“Radstop”				
Directional lock	✓		✓	
Options	<ul style="list-style-type: none"> • steel foot guard (-FS) • truck lock (FF...) 	<ul style="list-style-type: none"> • steel foot guard (-FS) • truck lock (FF...) 	<ul style="list-style-type: none"> • steel foot guard (-FS) • spring-loaded foot guard (-FG) • truck lock (FF...) 	<ul style="list-style-type: none"> • steel foot guard (-FS)
Matching fixed bracket series	BK, BH	–	BH	–
Additional considerations		<ul style="list-style-type: none"> • the top plate should be in contact with the mounting surface to maximise load capacity 		<ul style="list-style-type: none"> • the top plate should be in contact with the mounting surface to maximise load capacity

Wheels and castors guide

Blickle swivel and fixed castor bracket series

Swivel bracket for heavy-duty castors

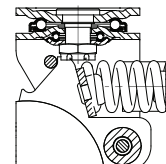
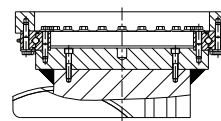
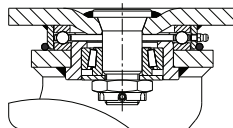
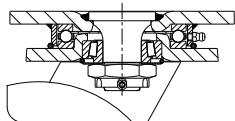


Series	LHD Pressed steel twin wheel swivel bracket, heavy-duty design, with top plate	LUH Pressed steel swivel bracket, heavy-duty design, enclosed, with top plate	LO Heavy-duty welded steel swivel bracket	LOD Heavy-duty welded steel twin wheel swivel bracket
For wheel Ø	60–125 mm	125–200 mm	125–250 mm	75–125 mm
Load capacity	up to 500 kg	up to 1,000 kg	up to 1,200 kg	up to 1,200 kg
Bracket structure	strong pressed steel, heavy fork and top plate, double ball bearing in the swivel head, particularly resistant to shocks and impact due to four specially-shaped, hardened bearing seats, bolted and secured central kingpin, extremely strong, minimum wear at high load	strong pressed steel, four-point ball bearing for extremely heavy loads, particularly resistant to shocks and impact due to specially-shaped, hardened bearing seats, smooth rolling characteristic and low wear, increased service life	solid welded steel construction, double ball bearing in the swivel head, particularly resistant to shocks and impact due to four specially-shaped, hardened bearing seats, grease nipple, bolted and secured welded central kingpin, extremely strong	solid welded steel construction, double ball bearing in the swivel head, particularly resistant to shocks and impact due to four specially-shaped, hardened bearing seats, grease nipple, bolted and secured welded central kingpin, extremely strong
Surface	zinc-plated, blue-passivated, Cr6-free	zinc-plated, blue-passivated, Cr6-free	zinc-plated, blue-passivated, Cr6-free	zinc-plated, blue-passivated, Cr6-free
Swivel head seal	ball protection from special design of swivel head	enclosed and sealed swivel head	ball protection due to labyrinth design	ball protection due to labyrinth design
Maintenance under standard conditions	maintenance-free, long-life grease	maintenance-free, long-life grease	maintenance-free, long-life grease	maintenance-free, long-life grease
Temperature resistance	-30 °C to +130 °C	-30 °C to +100 °C	-30 °C to +130 °C	-30 °C to +130 °C
Fitting types	top plate	top plate	top plate	top plate
Brake systems				
“stop-fix”		✓		
“stop-top”			✓	
“central-stop”				
“ideal-stop”				
“Radstop”				
Directional lock		✓	✓	
Options		<ul style="list-style-type: none"> • steel foot guard (-FS) • truck lock (FF..) 	<ul style="list-style-type: none"> • plate size 175x140 mm (-35) • steel foot guard (-FS) • truck lock (FF..) 	
Matching fixed bracket series	BOD	BH	B0	BOD
Additional considerations	<ul style="list-style-type: none"> • the long plate side is parallel to the wheel axle for fixed castors 			<ul style="list-style-type: none"> • the long plate side is parallel to the wheel axle for fixed castors

Wheels and castors guide

Blickle swivel and fixed castor bracket series

Swivel bracket for heavy-duty castors / spring-loaded heavy-duty swivel bracket

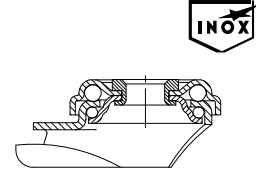
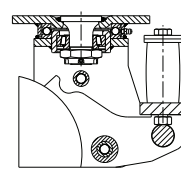
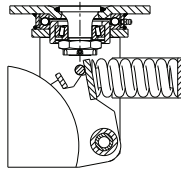
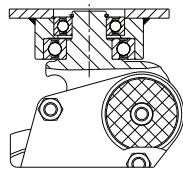


Series	LS Heavy-duty welded steel swivel bracket, heavy-duty swivel head	LSD Heavy-duty welded steel twin wheel swivel bracket, heavy-duty swivel head	LSSD Heavy-duty welded steel twin wheel swivel bracket, extra heavy-duty swivel head	LHF Pressed steel swivel bracket, heavy-duty design, with steel spring
For wheel Ø	100–620 mm	80–500 mm	500 mm	100–200 mm
Load capacity	up to 12,000 kg	up to 20,000 kg	30,000 kg	up to 800 kg
Bracket structure	particularly robust welded steel construction, axial grooved ball bearing ISO 104 and tapered roller bearing ISO 355 in the swivel head, grease nipple, bolted and secured welded central kingpin, extremely strong	particularly robust welded steel construction, axial grooved ball bearing ISO 104 and tapered roller bearing ISO 355 in the swivel head, grease nipple, bolted and secured welded central kingpin, extremely strong	particularly robust welded steel construction, four-point swivel bearing for extremely heavy loads, grease nipple	strong pressed steel, heavy fork and top plate, double ball bearing in the swivel head, particularly resistant to shocks and impact due to four specially-shaped, hardened bearing seats, bolted and secured central kingpin, extremely strong, minimum wear at high load, robust spring structure with steel spring
Surface	zinc-plated, yellow-passivated, Cr6-free	zinc-plated, yellow-passivated, Cr6-free	zinc-plated, yellow-passivated, Cr6-free	zinc-plated, blue-passivated, Cr6-free
Swivel head seal	ball protection due to sealing ring and labyrinth design	ball protection due to sealing ring and labyrinth design	integrated sealing ring for ball protection	ball protection from special design of swivel head
Maintenance under standard conditions	maintenance-free, long-life grease	maintenance-free, long-life grease	according to Blickle maintenance instructions	maintenance-free, long-life grease
Temperature resistance	-30 °C to +100 °C	-30 °C to +100 °C	-30 °C to +100 °C	-30 °C to +130 °C
Fitting types	top plate	top plate	top plate	top plate
Brake systems				
“stop-fix”				
“stop-top”	✓			
“central-stop”				
“ideal-stop”				
“Radstop”	✓	✓		✓
Directional lock	✓	✓	✓	
Options	<ul style="list-style-type: none"> • steel foot guard (-FS) • spring-loaded foot guard (-FG) • truck lock (FF...) 	<ul style="list-style-type: none"> • steel foot guard (-FS) 		
Matching fixed bracket series	BS	BSD	BSSD	BHF
Additional considerations		<ul style="list-style-type: none"> • the long plate side is parallel to the wheel axle for fixed castors 		

Wheels and castors guide

Blickle swivel and fixed castor bracket series

Spring-loaded, heavy-duty swivel bracket / stainless steel swivel bracket for light-duty castors

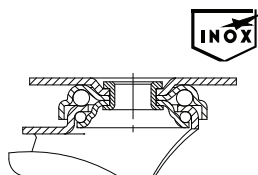


Series	LPFE Heavy-duty swivel bracket with polyurethane torsion springs	LSFN Heavy-duty welded steel swivel bracket with steel spring	LSFE Heavy-duty welded steel swivel bracket with polyurethane spring	LRXA / LKRXA Stainless steel light-duty swivel bracket with bolt hole
For wheel Ø	100–150 mm	160–300 mm	160–250 mm	50–125 mm
Load capacity	up to 500 kg	up to 2,400 kg	up to 1,800 kg	up to 120 kg
Bracket structure	solid welded steel construction, solid forged part, one sealed lifetime lubricated grooved ball bearing in the swivel head (two for wheel Ø 125x50 mm or more), patented woodruff key design for outstanding spring-damping properties	particularly robust welded steel construction, axial grooved ball bearing ISO 104 and tapered roller bearing ISO 355 in the swivel head, grease nipple, bolted and secured welded central kingpin, extremely strong, minimum wear at high load, robust spring structure with steel spring	particularly robust welded steel construction, axial grooved ball bearing ISO 104 and tapered roller bearing ISO 355 in the swivel head, grease nipple, bolted and secured welded central kingpin, extremely strong, elastomer spring for excellent damping properties	high-quality chromium-nickel steel (1.4301/AISI 304), stainless steel, double ball bearing in the swivel head, strong central kingpin, minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process, all parts including axle material are corrosion-resistant
Surface	zinc-plated, yellow-passivated, Cr6-free	zinc-plated, yellow-passivated, Cr6-free	zinc-plated, yellow-passivated, Cr6-free	vibration-ground finishing
Swivel head seal	two sealed grooved ball bearings	ball protection due to sealing ring and labyrinth design	ball protection due to sealing ring and labyrinth design	ball protection from special design of swivel head
Maintenance under standard conditions	maintenance-free, long-life grease	maintenance-free, long-life grease	maintenance-free, long-life grease	maintenance-free, long-life grease
Temperature resistance	-20 °C to +80 °C	-30 °C to +100 °C	-20 °C to +80 °C	-30 °C to +130 °C
Fitting types	top plate	top plate	top plate	bolt hole
Brake systems				
“stop-fix”				✓
“stop-top”				
“central-stop”				
“ideal-stop”				
“Radstop”		✓	✓	
Directional lock		✓	✓	
Options	• stem fitting (-ZA)	• different spring tensions	• different spring tensions	• expander fitting for round and square tubes (see page 398) • stainless steel plug-in stem fitting (-ZAX51) • buffer (see page 398)
Matching fixed bracket series	BPFE	BSFN	BSFE	BRXA, BKRXA
Additional considerations			• spring characteristics can be adjusted by swapping out the elastomer hinged plate construction	• the top plate should be in contact with the mounting surface to maximise load capacity

Wheels and castors guide

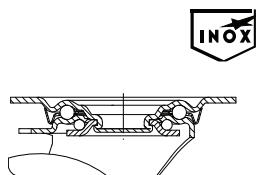
Blickle swivel and fixed castor bracket series

Stainless steel swivel bracket for light-duty and transport equipment castors



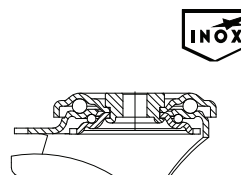
Series LPXA / LKPXA

Stainless steel light-duty swivel bracket with top plate



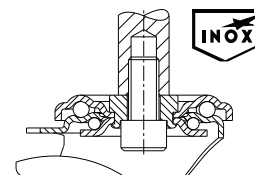
Series LEX

Stainless steel swivel bracket with top plate



Series LEXR

Stainless steel swivel bracket with bolt hole



Series LEXZ

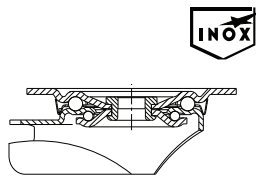
Stainless steel swivel bracket with stem

Series	LPXA / LKPXA	LEX	LEXR	LEXZ
For wheel Ø	50–125 mm	75–200 mm	75–200 mm	75–200 mm
Load capacity	up to 120 kg	up to 300 kg	up to 300 kg	up to 300 kg
Bracket structure	high-quality chromium-nickel steel (1.4301/AISI 304), stainless steel, double ball bearing in the swivel head, strong central kingpin, minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process, all parts including axle material are corrosion-resistant	high-quality chromium-nickel steel (1.4301/AISI 304), stainless steel, double ball bearing in the swivel head, minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process, all parts including axle material are corrosion-resistant	high-quality chromium-nickel steel (1.4301/AISI 304), stainless steel, double ball bearing in the swivel head, strong central kingpin, minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process, all parts including axle material are corrosion-resistant	high-quality chromium-nickel steel (1.4301/AISI 304), stainless steel, double ball bearing in the swivel head, stainless steel plug-in stem and central kingpin bolted and secured, minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process, all parts including axle material are corrosion-resistant
Surface	vibration-ground finishing	vibration-ground finishing	vibration-ground finishing	vibration-ground finishing
Swivel head seal	ball protection from special design of swivel head	sealing ring with integrated ball spacer	ball protection from special design of swivel head	ball protection from special design of swivel head
Maintenance under standard conditions	maintenance-free, long-life grease	maintenance-free, long-life grease	maintenance-free, long-life grease	maintenance-free, long-life grease
Temperature resistance	-30 °C to +130 °C	-30 °C to +70 °C	-30 °C to +130 °C	-30 °C to +130 °C
Fitting types	top plate	top plate	bolt hole	stem
Brake systems				
“stop-fix”	✓	✓	✓	✓
“stop-top”				
“central-stop”				
“ideal-stop”		✓		
“Radstop”				
Directional lock		✓		
Options		<ul style="list-style-type: none"> • automatic direction reset device (-RIR2) • washing machine resistant castor (DIN 18867-8) (-GKN) • synthetic foot guard (-FP) 	<ul style="list-style-type: none"> • synthetic foot guard (-FP) 	<ul style="list-style-type: none"> • synthetic foot guard (-FP)
Matching fixed bracket series	BPXA, BKPXA	BX	–	–
Additional considerations			<ul style="list-style-type: none"> • the top plate should be in contact with the mounting surface to maximise load capacity 	<ul style="list-style-type: none"> • the top plate should be in contact with the mounting surface to maximise load capacity

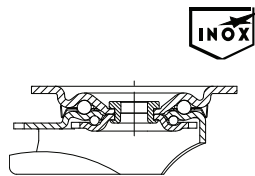
Wheels and castors guide

Blickle swivel and fixed castor bracket series

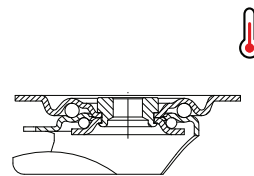
Stainless steel swivel bracket / heat-resistant pressed steel swivel bracket



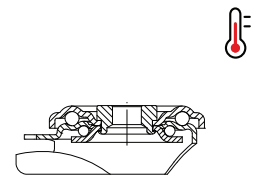
LX
Stainless steel swivel bracket, medium-duty version, with top plate



LKX
Stainless steel swivel bracket, heavy-duty design, with top plate



LI
Heat-resistant pressed steel swivel bracket with top plate



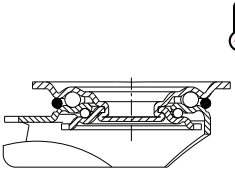
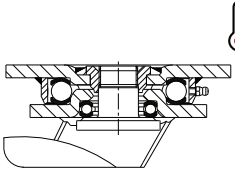
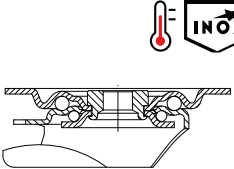
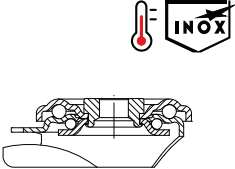
LIR
Heat-resistant pressed steel swivel bracket with bolt hole

Series	LX	LKX	LI	LIR
For wheel Ø	100–200 mm	75–200 mm	80–200 mm	80–125 mm
Load capacity	up to 400 kg	up to 800 kg	up to 400 kg	up to 150 kg
Bracket structure	high-quality chromium-nickel steel (1.4301/AISI 304), stainless steel, double ball bearing in the swivel head, strong central kingpin, minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process, all parts including axle material are corrosion-resistant	high-quality chromium-nickel steel (1.4301/AISI 304), stainless steel, double ball bearing in the swivel head, strong central kingpin (from wheel Ø 125x50 mm), minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process, all parts including axle material are corrosion-resistant	pressed steel, double ball bearing in the swivel head, strong central kingpin, smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process used for the swivel head, swivel head play is set specifically for high-temperature applications	pressed steel, double ball bearing in the swivel head, strong central kingpin, smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process used for the swivel head, swivel head play is set specifically for high-temperature applications
Surface	vibration-ground finishing	vibration-ground finishing	zinc-plated, blue-passivated, Cr6-free	zinc-plated, blue-passivated, Cr6-free
Swivel head seal	sealing ring with integrated ball spacer	sealing ring with integrated ball spacer	ball protection from special design of swivel head	ball protection from special design of swivel head
Maintenance under standard conditions	maintenance-free, long-life grease	maintenance-free, long-life grease	maintenance-free, long-life grease	maintenance-free, long-life grease
Temperature resistance	-30 °C to +70 °C	-30 °C to +70 °C	-35 °C to +270 °C temporarily up to +300 °C	-35 °C to +270 °C temporarily up to +300 °C
Fitting types	top plate	top plate	top plate	bolt hole
Brake systems				
“stop-fix”	✓	✓	✓	✓
“stop-top”	✓	✓		
“central-stop”				
“ideal-stop”				
“Radstop”				
Directional lock	✓	✓		
Options	• synthetic foot guard (-FP)	• automatic direction reset device (-RIR2)	• PTFE coated stainless steel axle tube (-XAT)	• PTFE coated stainless steel axle tube (-XAT)
Matching fixed bracket series	BX	BKX	B, BI	–
Additional considerations			• passivation may be altered slightly in high temperatures, corrosion protection will remain unaffected	• the top plate should be in contact with the mounting surface to maximise load capacity • passivation may be altered slightly in high temperatures, corrosion protection will remain unaffected

Wheels and castors guide

Blickle swivel and fixed castor bracket series

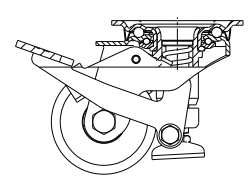
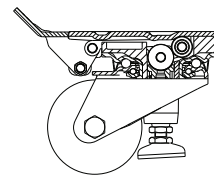
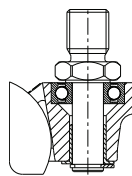
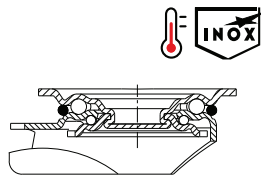
Heat-resistant pressed steel / stainless steel swivel bracket

Series	 LIK Heat-resistant pressed steel swivel bracket, heavy-duty design, with top plate	 LIO Heat-resistant, heavy-duty welded steel swivel bracket	 LIX Heat-resistant stainless steel swivel bracket with top plate	 LIXR Heat-resistant stainless steel swivel bracket with bolt hole
For wheel Ø	100–125 mm	125–250 mm	80–200 mm	80–125 mm
Load capacity	up to 350 kg	up to 1,200 kg	up to 400 kg	up to 150 kg
Bracket structure	strong pressed steel, double ball bearing in the swivel head, smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process used for the swivel head, swivel head play is set specifically for high-temperature applications	solid welded steel construction, double ball bearing in the swivel head, particularly resistant to shocks and impact due to four specially-shaped, hardened bearing seats, grease nipple, bolted and secured welded central kingpin, extremely strong, swivel head play is set specifically for high-temperature applications	high-quality chromium-nickel steel (1.4301/AISI 304), stainless steel, double ball bearing in the swivel head, strong central kingpin, smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process used for the swivel head, swivel head play is set specifically for high-temperature applications, all parts including axle material are corrosion-resistant	high-quality chromium-nickel steel (1.4301/AISI 304), stainless steel, double ball bearing in the swivel head, strong central kingpin, smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process used for the swivel head, swivel head play is set specifically for high-temperature applications, all parts including axle material are corrosion-resistant
Surface	zinc-plated, blue-passivated, Cr6-free	zinc-plated, blue-passivated, Cr6-free	vibration-ground finishing	vibration-ground finishing
Swivel head seal	ball protection due to highly heat-resistant sealing ring	ball protection due to labyrinth design	ball protection from special design of swivel head	ball protection from special design of swivel head
Maintenance under standard conditions	maintenance-free, long-life grease	maintenance-free, long-life grease	maintenance-free, long-life grease	maintenance-free, long-life grease
Temperature resistance	-35 °C to +270 °C temporarily up to +300 °C	-35 °C to +270 °C temporarily up to +300 °C	-35 °C to +270 °C temporarily up to +300 °C	-35 °C to +270 °C temporarily up to +300 °C
Fitting types	top plate	top plate	top plate	bolt hole
Brake systems				
“stop-fix”	✓		✓	✓
“stop-top”		✓		
“central-stop”				
“ideal-stop”				
“Radstop”				
Directional lock		✓		
Options	<ul style="list-style-type: none"> PTFE coated stainless steel axle tube (-XAT) 		<ul style="list-style-type: none"> grease-free swivel head (-OF) PTFE coated stainless steel axle tube (-XAT) 	<ul style="list-style-type: none"> grease-free swivel head (-OF) PTFE coated stainless steel axle tube (-XAT)
Matching fixed bracket series	BK, BIK	BO	BX	–
Additional considerations	<ul style="list-style-type: none"> passivation may be altered slightly in high temperatures, corrosion protection will remain unaffected 	<ul style="list-style-type: none"> passivation may be altered slightly in high temperatures, corrosion protection will remain unaffected 		<ul style="list-style-type: none"> the top plate should be in contact with the mounting surface to maximise load capacity

Wheels and castors guide

Blickle swivel and fixed castor bracket series

Heat-resistant, stainless steel swivel bracket / compact castors swivel bracket / levelling castor swivel bracket

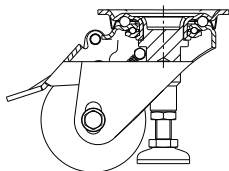


Series	LIKX Heat-resistant stainless steel swivel bracket, heavy-duty design, with top plate	LD Swivel bracket for twin wheel compact castor	HRLK Levelling castor pressed steel swivel bracket with fixed operating lever, with top plate fitting	HRLK...-HN Levelling castor pressed steel swivel bracket with swivelling operating and release lever, with top plate fitting
For wheel Ø	100–125 mm	50–60 mm	75–100 mm	80 mm
Load capacity	up to 300 kg	up to 250 kg	up to 300 kg	up to 250 kg
Bracket structure	high-quality chromium-nickel steel (1.4301/AISI 304), stainless steel, double ball bearing in the swivel head, smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process used for the swivel head, swivel head play is set specifically for high-temperature applications, all parts including axle material are corrosion-resistant	zinc die-cast, high-quality ball bearing in the swivel head, zinc-plated steel threaded pin	strong pressed steel, double ball bearing in the swivel head, minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process, steel truck lock, height adjustment with lever	strong pressed steel, double ball bearing in the swivel head, minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process, steel truck lock, height adjustment with swivelling operating and release lever
Surface	vibration-ground finishing	steel threaded pin zinc-plated, blue-passivated, Cr6-free	zinc-plated, blue-passivated, Cr6-free	zinc-plated, blue-passivated, Cr6-free
Swivel head seal	ball protection due to highly heat-resistant sealing ring		sealing ring with integrated ball spacer	sealing ring with integrated ball spacer
Maintenance under standard conditions	maintenance-free, long-life grease	maintenance-free, long-life grease	maintenance-free, long-life grease	maintenance-free, long-life grease
Temperature resistance	-35 °C to +270 °C temporarily up to +300 °C	-20 °C to +60 °C	-30 °C to +70 °C	-30 °C to +70 °C
Fitting types	top plate	threaded pin	top plate	top plate
Brake systems				
“stop-fix”	✓			
“stop-top”				
“central-stop”				
“ideal-stop”				
“Radstop”				
Directional lock				
Options	• PTFE coated stainless steel axle tube (-XAT)			
Matching fixed bracket series	BKX	–	–	–
Additional considerations			<ul style="list-style-type: none"> ergonomic lever fixed position lever for ease of use of the lever high floor clearance in the travel position 	<ul style="list-style-type: none"> low force required to release and activate the truck lock operating and release lever can be pivoted under the edge of the unit high floor clearance in the travel position

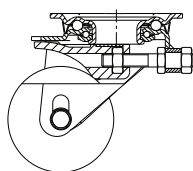
Wheels and castors guide

Blickle swivel and fixed castor bracket series

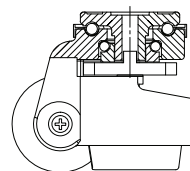
Levelling castor swivel bracket



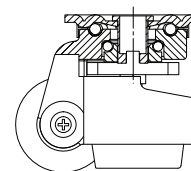
HRLK...-F
Levelling castors with fixed lock and height-adjustable wheel with top plate



HRLK...-VS
Height adjustment castor pressed steel swivel bracket with adjustment screw, with top plate fitting



HRIG
Levelling castor swivel bracket with bolt hole (female thread)



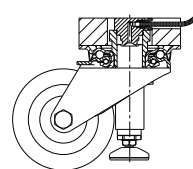
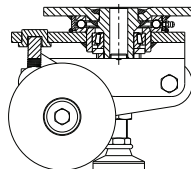
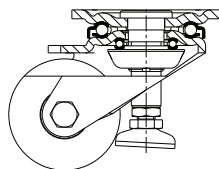
HRP / HRSP
Levelling castor swivel bracket with top plate

Series	HRLK...-F	HRLK...-VS	HRIG	HRP / HRSP
For wheel Ø	80 mm	80–100 mm	45–72 mm	45–90 mm
Load capacity	up to 150 kg	up to 280 kg	up to 750 kg	2,000 kg
Bracket structure	strong pressed steel, double ball bearing in the swivel head, minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process, steel truck lock, height adjustment with swiveling operating lever	strong pressed steel, double ball bearing in the swivel head, minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process, total height can be adjusted when stationary with adjustment screw (SW17), wheel locked in place with adjustment screw is used	die-cast aluminium, high-quality ball bearing in the swivel head, hexagonal steel top plate, truck lock made of hard rubber, height adjustment using wrench or integrated adjustment wheel	die-cast aluminium, high-quality ball bearing in the swivel head, steel top plate, truck lock made of hard rubber (HRSP: truck lock made of aluminium), height adjustment using wrench or integrated adjustment wheel, series HRSP with wrench only
Surface	zinc-plated, blue-passivated, Cr6-free	zinc-plated, blue-passivated, Cr6-free	powder-coated	powder-coated
Swivel head seal	sealing ring with integrated ball spacer	sealing ring with integrated ball spacer	sealing ring	sealing ring
Maintenance under standard conditions	maintenance-free, long-life grease	maintenance-free, long-life grease	maintenance-free, long-life grease	maintenance-free, long-life grease
Temperature resistance	-30 °C to +70 °C	-30 °C to +70 °C	-10 °C to +90 °C	-10 °C to +90 °C
Fitting types	top plate	top plate	bolt hole (female thread)	top plate
Brake systems				
“stop-fix”				
“stop-top”				
“central-stop”				
“ideal-stop”				
“Radstop”				
Directional lock		✓		
Options				
Matching fixed bracket series	–	–	–	–
Additional considerations	<ul style="list-style-type: none"> very good stability low force required to make height adjustments to the wheel lever can be pivoted under the edge of the unit 	<ul style="list-style-type: none"> wheel locking when height adjustment is active battery-powered screwdriver can be used to make height adjustments quickly 	<ul style="list-style-type: none"> the top plate should be in contact with the mounting surface to maximise load capacity 	<ul style="list-style-type: none"> compact mounting height

Wheels and castors guide

Blickle swivel and fixed castor bracket series

Levelling castor swivel bracket



Series

HRLH / HRLHD

Levelling castor pressed steel swivel bracket, heavy-duty design, with top plate

HRLSD

Heavy-duty, welded steel levelling castor twin wheel swivel bracket, heavy-duty swivel head

HRLK...-HYD

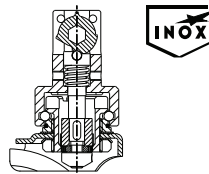
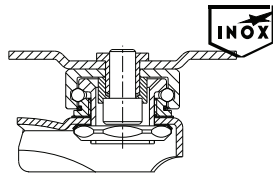
Levelling castor pressed steel swivel bracket, medium-duty version for hydraulic levelling castor set

For wheel Ø	75 mm	125 mm	100 mm
Load capacity	up to 600 kg	up to 1,300 kg	up to 750 kg (set)
Bracket structure	strong pressed steel, heavy fork and top plate, double ball bearing in the swivel head, bolted and secured central kingpin, extremely strong, minimum wear at high load, particularly resistant to shocks and impact due to four specially-shaped, hardened bearing seats, steel truck lock, height adjustment with wrench	particularly robust welded steel construction, axial grooved ball bearing ISO 104 and tapered roller bearing ISO 355 in the swivel head, grease nipple, bolted and secured welded central kingpin, extremely strong, wheels and truck lock can be levelled using a wrench (SW24)	strong pressed steel, double ball bearing in the swivel head, minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process, steel truck lock with base plate made of thermoplastic rubber-elastomer
Surface	zinc-plated, blue-passivated, Cr6-free	zinc-plated, yellow-passivated, Cr6-free	zinc-plated, blue-passivated, Cr6-free
Swivel head seal	ball protection from special design of swivel head	ball protection due to sealing ring and labyrinth design	sealing ring with integrated ball spacer
Maintenance under standard conditions	maintenance-free, long-life grease	maintenance-free, long-life grease	maintenance-free, long-life grease
Temperature resistance	-30 °C to +90 °C	-30 °C to +100 °C	0 °C to +40 °C
Fitting types	top plate	top plate	top plate
Brake systems			
“stop-fix”			
“stop-top”			
“central-stop”			
“ideal-stop”			
“Radstop”			
Directional lock	✓		
Options			
Matching fixed bracket series	–	–	–
Additional considerations	<ul style="list-style-type: none"> • also available as twin wheel swivel castor • high floor clearance in the travel position • excellent stability 	<ul style="list-style-type: none"> • excellent stability • particularly large adjustment range 	<ul style="list-style-type: none"> • centralised, synchronised and ergonomic lifting of four levelling castors by means of a hydraulic pump • low-noise activation • very low force required • high floor clearance in the travel position

Wheels and castors guide

Blickle swivel and fixed castor bracket series

Progressus brand stainless steel swivel bracket



Series	LPX Stainless steel swivel bracket with top plate	LPZ Hospital bed castors with stem fitting and integrated switching cam
---------------	---	---

For wheel Ø	84–186 mm	150 mm
Load capacity	200 kg	200 kg
Bracket structure	precision fork head made from corrosion-resistant steel (1.4034/AISI304), four-point ball bearing for extremely heavy loads, grease nipple, fork made from corrosion-resistant stainless steel (1.4301/AISI 304)	precision fork head made from mild steel, four-point ball bearing for extremely heavy loads, grease nipple, fork made from corrosion-resistant stainless steel (1.4301/AISI 304)
Surface	fork head polished, fork vibration-ground finished	fork head chrome plated, fork vibration-ground finished
Swivel head seal	ball protection from special design of precision fork head and an o-ring	ball protection from special design of precision fork head and an o-ring
Maintenance under standard conditions	maintenance-free, long-life grease	maintenance-free, long-life grease
Temperature resistance	-30 °C to +134 °C	-30 °C to +134 °C
Fitting types	top plate	stem
Brake systems		
“stop-fix”	✓	
“stop-top”		
“central-stop”		✓
“ideal-stop”		
“Radstop”	✓	
Directional lock	✓	✓
Options	<ul style="list-style-type: none"> with side wheel brake (-SRA) with directional lock (-Rl) 	<ul style="list-style-type: none"> with central and directional lock (-CS11Rl2) load-dependent directional latch with ball pressure screw (-RlR22)
Matching fixed bracket series	–	–
Additional considerations	<ul style="list-style-type: none"> suitable for autoclaves 	<ul style="list-style-type: none"> suitable for autoclaves

Wheels and castors guide

Fitting types



Plate (top plate)

The castor is fixed to a level surface using bolts and nuts. The bolt hole spaces are standardised. Plate fittings are available for both swivel and fixed castors and are used for light-duty, transport equipment and heavy-duty castors. The plate must be aligned with the short side facing in the running direction for castors with a directional lock.

The following dimensions must be taken into consideration when selecting the plate fitting:

- plate size (external dimensions)
- bolt hole spaces
- bolt hole \emptyset

Diagrams of top plate fittings with external dimensions and bolt hole spacing: page 106–111

Bolt hole

The castor is attached using a connection element (e.g. a bolt) through the central hole of the swivel head. For levelling castors (series HRIG), the bolt hole has a female thread and the connection element is screwed into the central kingpin of the swivel bracket from the unit side.

The load capacities specified here can only be reached if the top plate lies along the entire diameter of the swivel castor.

This fitting type does not provide positive anti-twist locking, and therefore reduces the load capacity of the swivel head brake.

Using a bolt hole to install the castor is a cost-effective solution, which only requires a single bolt (ideally in compliance with DIN 912 / ISO 4762). This fitting type is primarily used for light-duty and transport equipment castors.

The following dimensions must be taken into consideration when selecting the fitting with a bolt hole:

- plate \emptyset (external dimensions) (D)
- bolt hole \emptyset (d)

Steel plug-in stem

The castor is fitted using a plug-in stem, which is inserted into a corresponding tube or hole and secured. The stem fitting is fixed to the castor and a fixing bolt (cross hole) or clamp must be used to prevent it rotating or falling out. The hole must be aligned transverse to the running direction for castors with a directional lock.

The load capacities specified here can only be reached if the top plate lies along the entire diameter of the swivel castor.

Stem fittings are primarily used for light-duty, synthetic and transport equipment castors.

A stainless steel plug-in stem fitting is available for stainless steel swivel castors.

The following dimensions must be taken into consideration when selecting the fitting with a stem:

- stem \emptyset (P)
- stem length (Q)
- position of the cross hole (H), if applicable
- diameter of the cross hole (d), if applicable

Threaded pin

(product code suffix: -GS...)

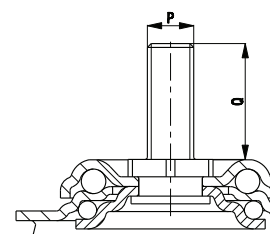
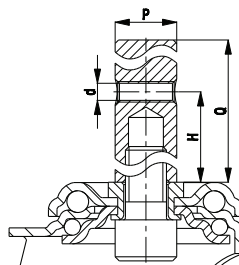
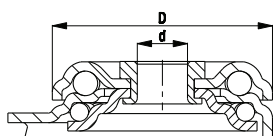
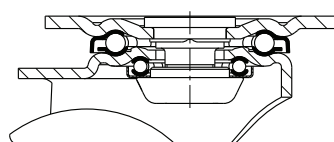
The castor is fitted using a threaded pin, which is bolted to the transport equipment using a female thread or a cylindrical hole and nut.

Threaded pin fittings are primarily used for light-duty castors.

A stainless steel threaded pin (-GSX...) is available for corrosion-resistant synthetic swivel castors.

The following dimensions must be taken into consideration when selecting the fixing with a threaded pin:

- threaded pin \emptyset (thread M10 or M12) (P)
- threaded pin length (protrusion over the castor) (Q)



Wheels and castors guide

Fitting types



Plug-in pin

(product code suffix: -ES)

The castor is fitted using a plug-in pin, which is inserted into a corresponding tube or hole using a synthetic castor socket. The pin is firmly connected with the castor. A spring washer ensures that the swivel castor cannot fall out.

Because this fitting type does not provide an anti-twist lock, a swivel head brake will have no effect.

A plug-in pin is a quick and cost-effective method for fitting the castor to the unit. Plug-in pin fittings are primarily used for light-duty castors.

The following dimensions must be taken into consideration when selecting the fitting with a plug-in pin:

- pin Ø (P)
- pin length (Q)

Synthetic castor socket for round tubes

(product code: RHR...)

A synthetic castor socket is an adapter that is used to reduce the internal diameter of tubes to the diameter of the plug-in pin. The synthetic castor socket is pressed or driven into the holder on the unit (round tube). A swivel castor with a plug-in pin is then inserted into the castor socket.

The following dimensions must be considered when selecting a synthetic castor socket:

- internal tube Ø (P)
- pin Ø (d)
- fitting length (Q)
- flange length (B)

Metal expander

(product code suffix: -E...)

The castor is fitted using a metal expander that is inserted into a hole or a square/round tube. The bolt spreads the clamping wedge and presses it against the inner tube wall.

The tightening torque should not exceed 50 Nm. The tightening torque can be reduced to 16 Nm for low-strength thin tubes. A hexagon on the bottom side of the expander prevents the fitting from rotating relative to the castor and coming undone. Metal expander fittings are used for light-duty and synthetic castors.

The following dimensions must be considered when selecting an expander fitting:

- internal tube dimension (P)
- tube shape (round or square tube)
- fitting length (Q)
- flange length (B)

See page 148, 168 and 180 for information about options

Synthetic expander

(product code suffix: -ER.../EV...)

The castor is fitted using a synthetic expander, which is inserted into a hole or a square/round tube. The bolt presses the synthetic clamping wedge against the inner tube wall.

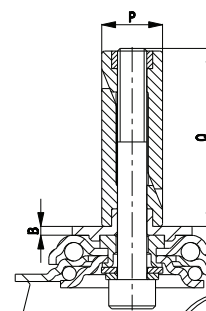
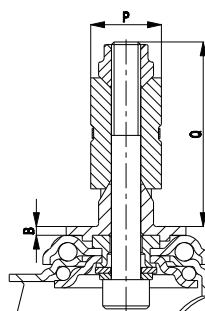
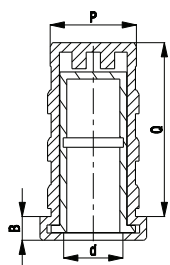
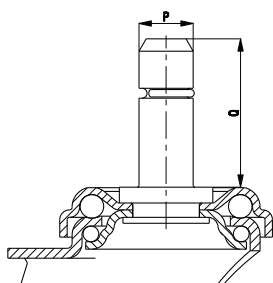
A synthetic expander provides greater protection for the inside of the tube compared to metal expander fittings. However, it provides less holding force than a metal expander fitting. A hexagon on the bottom side of the expander prevents the fitting from rotating relative to the castor and coming undone. Synthetic expander fittings are mainly used for light-duty and synthetic castors.

A synthetic expander with a corrosion-resistant clamping screw (-EXR.../EXV...) is also available.

The following dimensions must be considered when selecting an expander fitting:

- internal tube dimension (P)
- tube shape (round or square tube)
- fitting length (Q)
- flange length (B)

See page 148, 168, 180 and 398 for information about options



Wheels and castors guide

Fitting types plate fitting

Top plate fittings for light-duty and synthetic castors

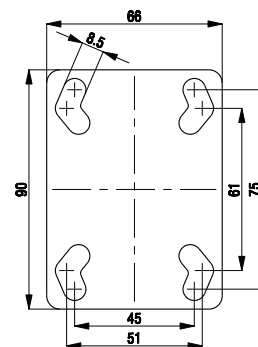
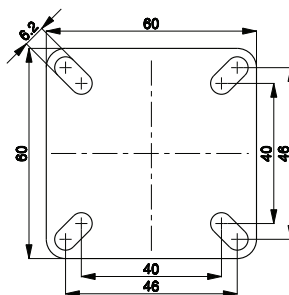
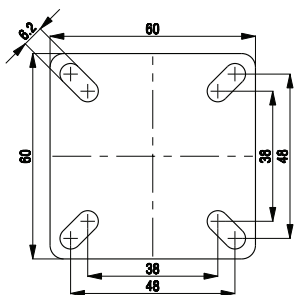
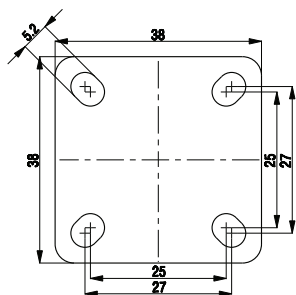


Plate no. 20

Plate no. 22

Plate no. 23

Plate no. 25 (swivel castor)

use in bracket series:

LKDB wheel Ø 50–75 mm

use in bracket series:

LPA / BPA wheel Ø 35–100 mm

LPXA / BPXA wheel Ø 50–75 mm

LDA wheel Ø 50 mm

use in bracket series:

LDA wheel Ø 75 mm

LKDG / LKDB wheel Ø 75–100 mm

use in bracket series:

LKPA wheel Ø 80–150 mm

LKPXA wheel Ø 80–125 mm

LWK / LWG-P25 wheel Ø 100–125 mm

LWKX / LWGX-PX25 wheel Ø 100–125 mm

LKFG / BKFG wheel Ø 125 mm

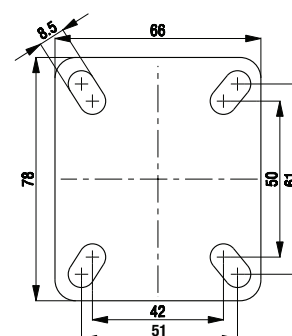
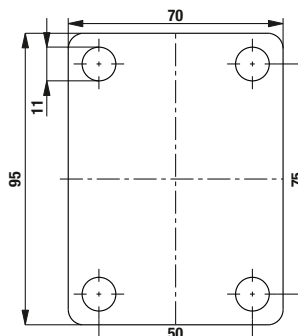
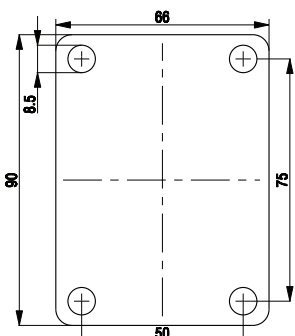
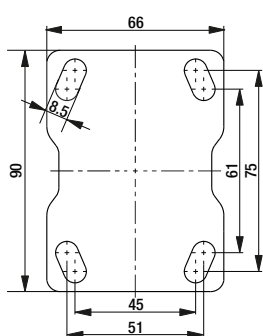


Plate no. 25 (fixed castor)

Plate no. 26

Plate no. 27

Plate no. 28

use in bracket series:

BKPA wheel Ø 80–150 mm

BKPXA wheel Ø 80–125 mm

use in bracket series:

LKPXA / BKPXA wheel Ø 125 mm

LWKX / LWGX-PX26 wheel Ø 125 mm

use in bracket series:

LKFGX / BKFGX wheel Ø 125 mm

use in bracket series:

LWK / LWG-P28 wheel Ø 100–125 mm

Wheels and castors guide

Fitting types plate fitting

Top plate fittings for transport equipment and heavy-duty castors

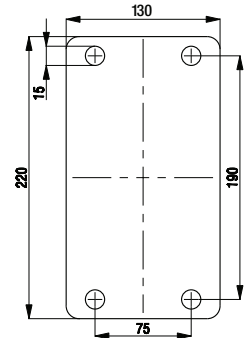
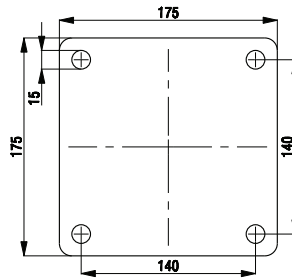
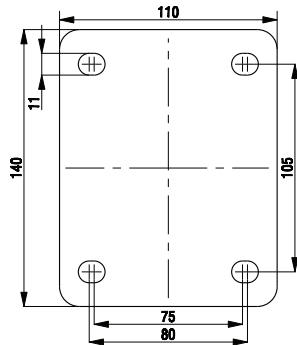
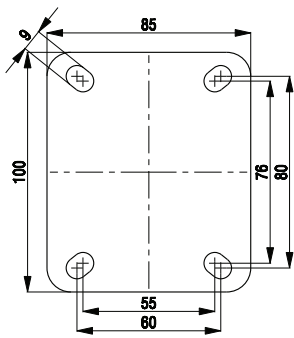


Plate no. 1

Plate no. 3

Plate no. 7

Plate no. 9

use in bracket series:

LE / B	wheel Ø	60–125 mm
LEX / BX	wheel Ø	75–200 mm
L / B	wheel Ø	75–125 mm
LX / BX	wheel Ø	100–125 mm
LI / B	wheel Ø	80–125 mm
LIX / BX	wheel Ø	80–125 mm
LK / BK	wheel Ø	75–125 mm
LKX / BKX	wheel Ø	75–125 mm
LIK / BIK	wheel Ø	100–125 mm
LIKX / BKX	wheel Ø	100–125 mm
LH / BH	wheel Ø	75–125 mm
LHD	wheel Ø	60–80 mm
LHF / BHF	wheel Ø	100–125 mm
LPFE / BPFE	wheel Ø	100–125 mm
HRLH / HRLHD	wheel Ø	75 mm
HRLK	wheel Ø	75–100 mm

use in bracket series:

LE / B	wheel Ø	150–200 mm
LEX / BX	wheel Ø	150–200 mm
L / B	wheel Ø	140–250 mm
LX / BX	wheel Ø	150–200 mm
LI / BI	wheel Ø	150–200 mm
LIX / BX	wheel Ø	150–200 mm
LK / BK	wheel Ø	100–200 mm
LKX / BKX	wheel Ø	125–200 mm
LU / BH	wheel Ø	125–200 mm
LH / BH	wheel Ø	100–250 mm
LHD	wheel Ø	80–125 mm
LO / BO	wheel Ø	125–300 mm
LOD / BOD	wheel Ø	75–125 mm
LS / BS	wheel Ø	100–200 mm
LSD / BSD	wheel Ø	80–125 mm
LHF / BHF	wheel Ø	100–200 mm
LPFE / BPFE	wheel Ø	125–150 mm
LSFN / BSFN	wheel Ø	160–200 mm
LSFE / BSFE	wheel Ø	160–200 mm
LIO / BO	wheel Ø	125–250 mm

use in bracket series:

L	wheel Ø	250–280 mm
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use in bracket series:

B	wheel Ø	250–280 mm
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Wheels and castors guide

Fitting types plate fitting

Top plate fittings for heavy-duty castors

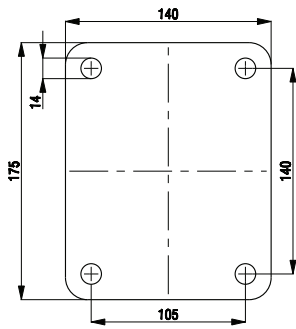


Plate no. 35

use in bracket series:

LS / BS	wheel Ø	150–400 mm
LSD / BSD	wheel Ø	100–200 mm
LSFN / BSFN	wheel Ø	200–250 mm
LSFE / BSFE	wheel Ø	200–250 mm
HRLSD	wheel Ø	125 mm

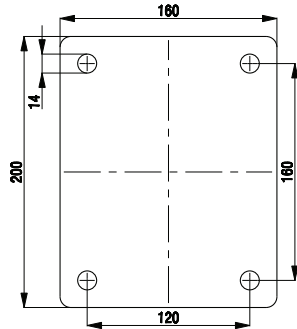


Plate no. 36

use in bracket series:

LS / BS	wheel Ø	300–520 mm
LSFN / BSFN	wheel Ø	250–300 mm
LSFE / BSFE	wheel Ø	250 mm

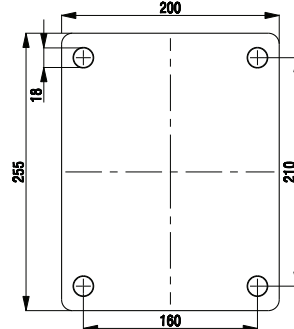


Plate no. 38

use in bracket series:

LS / BS	wheel Ø	200–620 mm
LSD / BSD	wheel Ø	125–360 mm

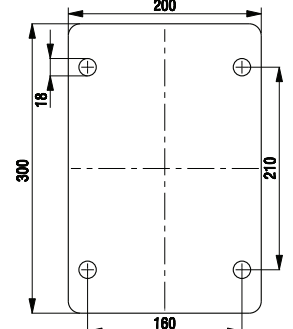


Plate no. 39

use in bracket series:

BSD	wheel Ø	300 mm
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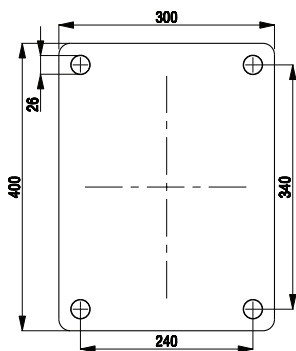


Plate no. 42

use in bracket series:

LS / BS	250–600 mm
LSD / BSD	250–500 mm

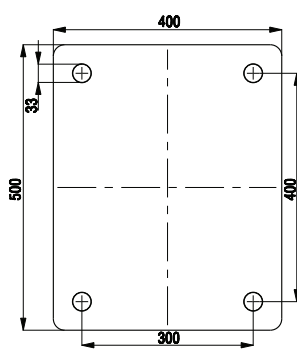


Plate no. 45

use in bracket series:

LSD / BSD	wheel Ø	300–400 mm
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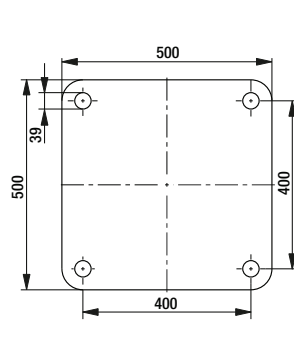


Plate no. 48

use in bracket series:

LSSD / BSSD	wheel Ø	500 mm
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Wheels and castors guide

Fitting types plate fitting

Top plate fittings for levelling castors

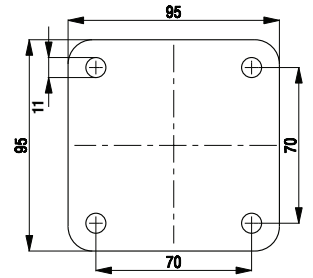
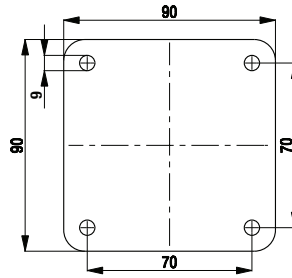
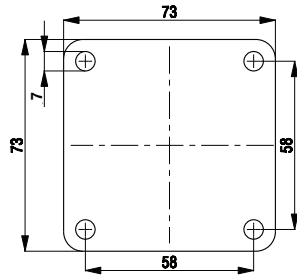
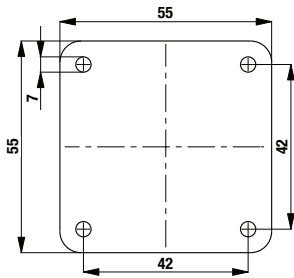


Plate no. 71

Plate no. 72

Plate no. 74

Plate no. 76

use in bracket series:
HRP wheel Ø 45 mm

use in bracket series:
HRP wheel Ø 50 mm

use in bracket series:
HRP wheel Ø 63 mm

use in bracket series:
HRP wheel Ø 72 mm
HRSP wheel Ø 72 mm

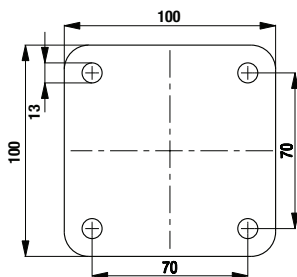


Plate no. 78

use in bracket series:
HRSP wheel Ø 90 mm

Wheels and castors guide

Fitting types plate fitting

Top plate fittings with imperial dimensions (inches)

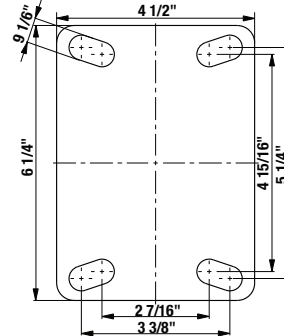
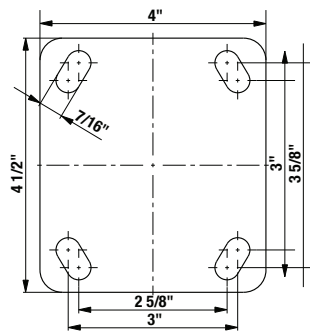
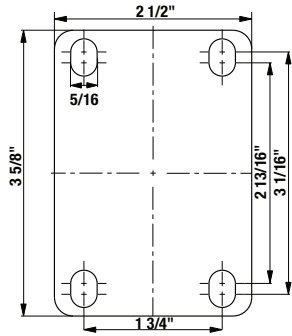


Plate no. 12

Plate no. 14

Plate no. 16

top plate fittings with non-metric dimensions (inches)
in accordance with ASME B56.11.1
(see Blickle "American Standard Casters" catalogue)

top plate fittings with non-metric dimensions (inches)
in accordance with ASME B56.11.1
(see Blickle "American Standard Casters" catalogue)

top plate fittings with non-metric dimensions (inches)
in accordance with ASME B56.11.1
(see Blickle "American Standard Casters" catalogue)

Wheels and castors guide

Fitting types plate fitting

Top plate fittings for Progressus castors

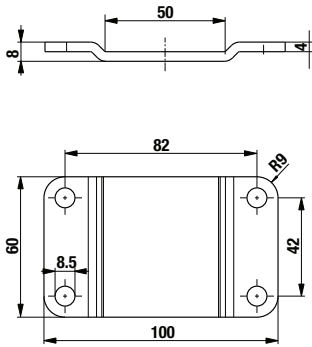


Plate no. PG1

use in bracket series:
LPX / BPX wheel Ø 84–105 mm

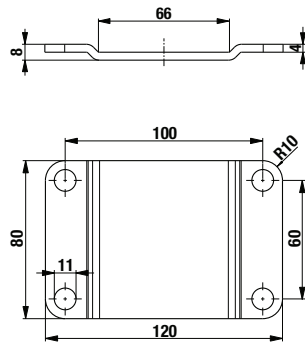


Plate no. PG2

use in bracket series:
LPX / BPX wheel Ø 120–150 mm

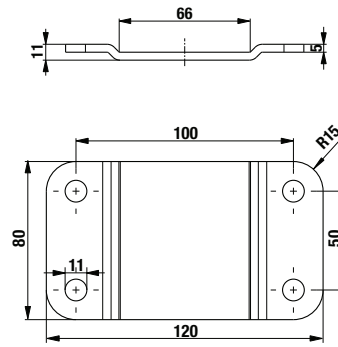


Plate no. PG3

use in bracket series:
LPX / BPX wheel Ø 186 mm