












SERIES **64**

**"TR" POLYURETHANE WHEELS
WITH CAST IRON CENTRE**















														
mm	mm	kg	COD.	mm	mm.	mm.	mm.	daN	daN	daN				
100	40	1,50	641102	15 H7	45	55	30	500	300	300				
125	40	2,10	641103	20 H7	60	60	30	600	400	400				
150	40	2,90	641104	20 H7	60	70	40	730	500	500				
150	50	3,70	641114	20 H7	60	70	40	910	700	700				
180	50	4,40	641105	20 H7	60	70	40	1100	800	800				
200	50	4,60	641106	20 H7	60	70	40	1500	950	950				
200	60	6,00	641116	25 H7	60	70	40	1700	1000	1000				
200	80	8,40	641126	40 H7	80	95	60	2000	1400	1400				
250	50	6,60	641107	20 H7	60	75	45	1800	1100	1100				
250	80	11,00	641117	40 H7	80	95	60	2800	1600	1600				
250	80	10,10	641127	60 H7	80	95	60	2800	1600	1600				
300	80	14,40	641108	50 H7	80	100	65	3400	2000	2000				
300	100	21,20	641118	50 H7	100	120	80	4200	2500	2500				
350	100	26,10	641109	50 H7	100	120	80	4700	2800	2800				
400	100	31,60	641110	50 H7	100	120	80	5000	3500	3500				

These wheels can also be used as drive wheels: the wheel hub is manufactured so that it can easily be reworked to achieve a spline or key housing. The carrying capacity given is valid for movements at a maximum speed of 6 km/h also if used as a drive wheel on mainly straight routes.

To use as a steering drive wheel or at speeds higher than 6 km/h it is advisable to contact Tellure Rôta to assess any reduction of the maximum applicable loads that may be necessary. To prevent the polyurethane tyre from deteriorating, any reworking on the wheel must be done keeping the temperature under 80°C (which is recommended as the maximum limit during normal use of the product).



															
mm	mm	kg	COD.	mm	mm.	mm.	mm.	mm.	daN	daN	daN				
100	40	1,50	641202	15 H7	45	5x5	17,3		500	300	300				
125	40	2,10	641203	20 H7	60	6x6	22,8		600	400	400				
150	40	2,90	641204	20 H7	60	6x6	22,8		730	500	500				
150	50	3,70	641214	20 H7	60	6x6	22,8		910	700	700				
180	50	4,40	641205	20 H7	60	6x6	22,8		1100	800	800				
200	50	4,60	641206	20 H7	60	6x6	22,8		1500	950	950				
200	60	6,00	641216	25 H7	60	8x7	28,3		1700	1000	1000				
200	80	8,40	641226	40 H7	80	12x8	43,3		2000	1400	1400				
250	50	6,60	641207	20 H7	60	6x6	22,8		1800	1100	1100				
250	80	11,00	641217	40 H7	80	12x8	43,3		2800	1600	1600				
250	80	10,10	641227	60 H7	80	18x11	64,4		2800	1600	1600				
300	80	14,40	641208	50 H7	80	14x9	53,8		3400	2000	2000				
300	100	21,20	641218	50 H7	100	14x9	53,8		4200	2500	2500				
350	100	26,10	641209	50 H7	100	14x9	53,8		4700	2800	2800				
400	100	31,60	641210	50 H7	100	14x9	53,8		5000	3500	3500				















The standard reference used by Tellure Rôta for the construction of the key housing is UNI EN 6604-69; therefore, the tolerance on the width of the key housing is JS9.

Tellure Rôta is at your disposal to customise the product, modifying the bore with a groove for a key housing of different dimensions or a groove for a tongue according to the specifications of the Italian (UNI 6604 and UNI 6607) and European (DIN 6885) regulations in force. The maximum applicable diameter for each wheel, guaranteeing the carrying capacity values, is given in the product dimensions column

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**"TR" POLYURETHANE WHEELS
WITH CAST IRON CENTRE**



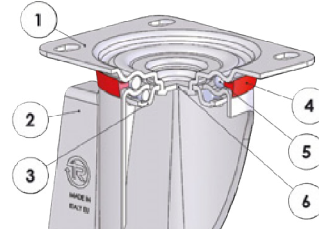
																												
mm	mm	kg	COD.	kg	COD.	mm	mm.	mm	mm	daN	daN	daN	daN															
80	20	0,45	642181	0,40	644181	12	18	32	14	200	150	150	120															
80	28	0,51	642151	0,46	644151	12	32	28	8	370	190	280	220															
100	38	1,02	642152	0,91	644152	15	40	35	11	500	220	380	300															
125	38	1,45	642153	1,34	644153	15	40	35	11	600	240	450	360															
125	50	1,98	642163	1,76	644163	20	55	47	14	800	270	550	440															
125	50	1,96	642363	1,76	644163	25	55	47	14	800	270	550	440															
125	58	2,86	642103	2,62	644103	20	58	47	15	800	250	600	480															
150	50	2,50	642154	2,28	644154	20	55	47	14	910	290	700	560															
150	50	2,48	642354	2,28	644154	25	55	47	14	910	290	700	560															
150	58	2,83	642104	2,59	644104	20	58	47	15	1400	350	850	680															
150	78	5,69	642124	5,19	644124	25	88	62	18	1700	400	1000	800															
160	50	2,65	642164	2,43	644164	20	55	47	14	1000	300	750	600															
160	50	2,63	642364	2,43	644164	25	55	47	14	1000	300	750	600															
180	50	3,02	642155	2,80	644155	20	55	47	14	1100	350	900	720															
200	50	3,65	642156	3,43	644156	20	55	47	14	1500	380	1000	800															
200	50	3,63	642356	3,43	644156	25	55	47	14	1500	380	1000	800															
200	78	7,26	642166	6,74	644166	25	86	62	17	2000	450	1600	1300															
200	78	7,24	642366	6,74	644166	30	86	62	17	2000	450	1600	1300															
250	50	7,00	642147	6,92	644147	20	55	52	15	1750	400	1000	960															
250	60	8,13	642157	7,61	644157	25	65	62	17	2500	480	1500	1200															
250	60	8,10	642357	7,61	644157	30	65	62	17	2500	480	1500	1200															
250	78	9,81	642167	9,81	644167	25	86	62	17	2800	500	1900	1500															
250	78	9,80	642367	9,81	644167	30	86	62	17	2800	500	1900	1500															
300	60	11,43	642158	10,96	644158	30	65	62	17	3200	550	1750	1400															
300	78	13,80	642168	13,33	644168	30	86	62	17	3400	600	2300	1800															
360	120	31,63	642139	30,50	644139	40	120	90	23	3800	750	2800	2200															
400	100	28,86	642129	26,30	644129	50	120	110	28	4500	750	2800	2200															

Options available to order:



Wheel with very thick tyre

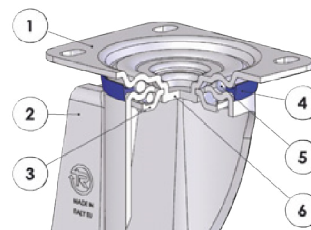
Standard-duty brackets NL - max carrying capacity 300 daN



- 1) Plate: electrolytically galvanised steel plate
 - 2) Fork: electrolytically galvanised steel plate
 - 3) Ball race ring: electrolytically galvanised steel plate
 - 4) Dust seal: orange polyethylene
 - 5) Swivel actions: double ball ring with grease lubrication
 - 6) King pin: integrated with the plate and cold-rieveted
- Available with total front foot brake

mm		kg		kg		kg		mm						daN	
mm	mm	kg	CODE	kg	CODE	kg	CODE	mm	mm	mm	mm	mm	mm	mm	daN
80	28	0.95	644551	0.82	644651	1.11	645451	107	100x85	80x60	9	37	120	200	
100	38	1.51	644552	1.40	644652	1.67	645452	128	100x85	80x60	9	35	120	200	
125	38	1.97	644553	1.86	644653	2.13	645453	156	100x85	80x60	9	37	120	220	
125	50	3.38	644563	2.89	644663	3.58	645463	166	140x110	105x80	11	56	156	300	
150	50	3.87	644554	3.59	644654	4.12	645464	194	140x110	105x80	11	56	156	300	
160	50	3.98	644564	3.71	644664	4.23	645474	199	140x110	105x80	11	56	156	300	
180	50	4.48	644555	4.21	644655	4.68	645465	220	140x110	105x80	11	56	156	300	
200	50	5.16	644556	4.92	644656	5.36	645466	240	140x110	105x80	11	56	156	300	

Medium-duty brackets M - max carrying capacity 500 daN



- 1) Plate: electrolytically galvanised steel plate
 - 2) Fork: electrolytically galvanised steel plate
 - 3) Ball race ring: electrolytically galvanised steel plate
 - 4) Dust seal: blue polyethylene
 - 5) Swivel actions: double ball ring with grease lubrication
 - 6) King pin: integrated with the plate and cold-rieveted
- Available with adjustable total front foot brake

mm		kg		kg		kg		mm						daN	
mm	mm	kg	CODE	kg	CODE	kg	CODE	mm	mm	mm	mm	mm	mm	mm	daN
150	50	4.21	644954	3.59	644654	4.65	645564	194	140x110	105x80	11	58	178	500	
160	50	4.33	644964	3.71	644664	4.78	645574	199	140x110	105x80	11	58	178	500	
200	50	5.55	644956	4.92	644656	5.91	645566	240	140x110	105x80	11	50	178	500	

Options available to order:

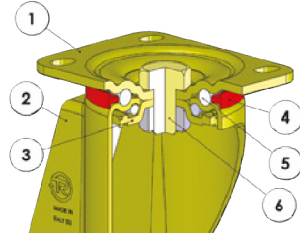


Footguard
for brackets NL-
M-P-PT

SERIES **64**

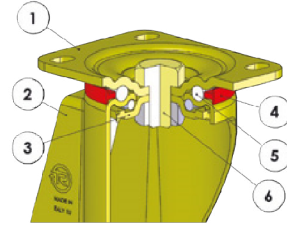
**"TR" POLYURETHANE WHEELS
WITH CAST IRON CENTRE**

Medium-heavy duty brackets P - max carrying capacity 750 daN



- 1) Plate: galvanised colonial steel plate
 - 2) Fork: galvanised colonial steel plate
 - 3) Ball race ring: galvanised colonial steel plate
 - 4) Dust seal: orange polyamide
 - 5) Swivel actions: double ball ring with grease lubrication
 - 6) King pin: steel bolt in grade 8.8 steel and steel nut
- Available with total front foot brake

mm	mm	kg	CODE	kg	CODE	kg	CODE	mm	mm	mm	mm	mm	mm	daN	daN
80	28	1.38	645851	0.96	646851			128	100x85	80x60	9	46	123	280	220
100	38	1.93	645852	1.52	646852	2.06	644852	138	100x85	80x60	9	46	123	350	300
125	38	2.37	645853	2.04	646853	2.50	644853	161	100x85	80x60	9	48	123	350	300



- 1) Plate: galvanised colonial steel plate
 - 2) Fork: galvanised colonial steel plate
 - 3) Ball race ring: galvanised colonial steel plate
 - 4) Dust seal: orange polyamide
 - 5) Swivel actions: double ball ring with grease lubrication
 - 6) King pin: steel bolt in grade 8.8 steel and steel nut
- Available with total adjustable rear foot brake

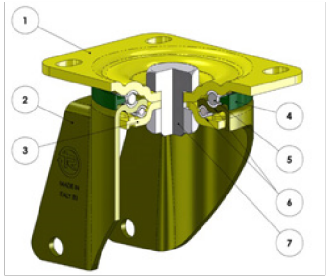
mm	mm	kg	CODE	kg	CODE	kg	CODE	mm	mm	mm	mm	mm	mm	daN	daN
125	50	3.66	645863	2.65	646863	4.24	644863	170	140x110	105x80	11	70	126	550	440
150	50	4.81	645854	3.55	646854	5.33	644854	200	140x110	105x80	11	70	126	700	560
160	50	4.93	645864	4.08	646864	5.45	644864	205	140x110	105x80	11	70	126	750	600
180	50	5.30	645855	4.45	646855	5.90	644855	228	140x110	105x80	11	70	126	750	600
200	50	6.06	645856	5.15	646856	6.66	644856	250	140x110	105x80	11	70	126	750	600

Options available to order:



Footguard
for brackets NL-
M-P-PT

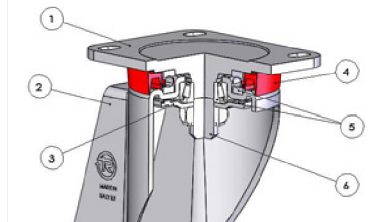
Heavy-duty PT brackets with hardened ball race grooves - max carrying capacity 900 daN



- 1) Top Plate: electrolytically galvanised steel plate
- 2) Fork: electrolytically galvanised steel plate
- 3) Ball Race Ring: electrolytically galvanised steel plate
- 4) Dust Seal: dark green polyamide 6
- 5) Swivel actions: double ball ring with grease lubrication
- 6) Ball race: hardened carbon steel grooves
- 7) King pin: steel screw, class 8.8 and stainless steel nut
Available with rear adjustable brake

mm	mm	kg	COD.	kg	COD.	kg	COD.	mm	mm	mm	mm	mm	mm	daN	daN
150	50	4,67	645004	3,55	646854	5,33	649904	200	140x110	105x80	11	70	126	700	560
160	50	4,93	645014	4,08	646864	5,45	649914	205	140x110	105x80	11	70	126	750	600
180	50	5,30	645005	4,45	646855	5,90	649905	228	140x110	105x80	11	70	126	900	720
200	50	6,06	645006	5,15	646856	6,66	649906	250	140x110	105x80	11	70	126	900	800

Extra-heavy duty brackets EP - max carrying capacity 1600 daN



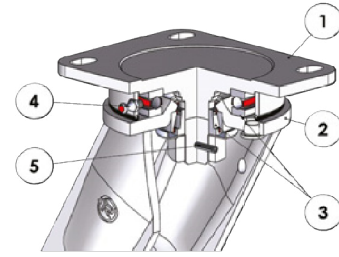
- 1) Plate: white galvanised forged steel
- 2) Fork: white galvanised forged steel
- 3) Lower bearing protection ring
- 4) Dust seal: orange polyethylene
- 5) Swivel actions: axial ball bearing and tapered roller bearing
- 6) King pin: integrated with the machine-processed plate
Available with adjustable total rear foot brake

mm	mm	kg	CODE	kg	CODE	kg	CODE	mm	mm	mm	mm	mm	mm	daN	daN
100	38	2.15	647852	1.92	648852			140	100x85	80x60	9	46		350	300
125	38	2.64	647853	2.44	648853			164	100x85	80x60	9	48		350	300
125	50	4.61	647863	4.16	648863			188	135x110	105x80	11	70		550	440
150	50	5.04	647854	4.63	648854	5.56	646654	200	135x110	105x80	11	70	126	700	560
150	58	5.44	647824	4.96	648824			200	135x110	105x80	11	70		850	680
160	50	5.16	647864	4.75	648864	5.68	646664	205	135x110	105x80	11	70	126	750	600
180	50	5.60	647855	5.20	648855	6.20	646655	228	135x110	105x80	11	70	126	900	720
200	50	6.35	647856	6.06	648856	6.95	646656	250	135x110	105x80	11	70	126	1000	800
200	78	12.30	647866	10.46	648866			275	175x140	140x105	14	66		1600	1300
250	60	13.16	647857	11.32	648857			300	175x140	140x105	14	66		1500	1200

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**"TR" POLYURETHANE WHEELS
WITH CAST IRON CENTRE**

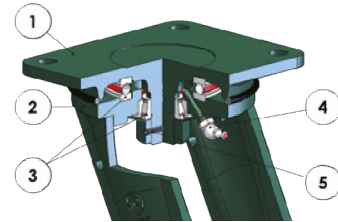
Electrowelded brackets EE MHD - max carrying capacity 1000 daN



- 1) Plate: forged steel with integrated pin
 - 2) Fork: deep-drawn legs electro-welded to the flange
 - 3) Swivel actions: axial ball bearing and tapered roller bearing
 - 4) Grease nipple
 - 5) Anti-loosening system nut
- Available with adjustable total rear foot brake

mm		kg		kg		kg		mm						daN		
mm	mm	kg	CODE	kg	CODE	kg	CODE	mm	mm	mm	mm	mm	mm	mm	4 km/h	6 km/h
125	50	4.88	648303	3.90	648403	5.76	648503	182	135x110	105x80	11	51	157	550	440	
150	50	5.50	648304	4.51	648404	6.38	648504	210	135x110	105x80	11	60	157	700	560	
160	50	5.65	648314	4.66	648414	6.53	648514	215	135x110	105x80	11	60	157	750	600	
180	50	6.14	648305	5.16	648405	7.02	648505	242	135x110	105x80	11	70	157	900	720	
200	50	6.77	648306	5.79	648406	7.65	648506	252	135x110	105x80	11	70	157	1000	800	

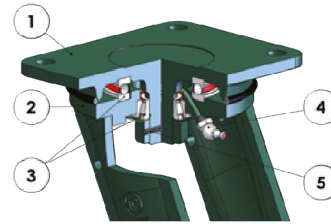
Electrowelded brackets EE HD - max carrying capacity 2300 daN



- 1) Plate: forged steel with integrated pin
 - 2) Fork: deep-drawn legs electro-welded to the flange
 - 3) Swivel actions: axial ball bearing and tapered roller bearing
 - 4) Grease nipple
 - 5) Anti-loosening system nut
- Available with adjustable total rear foot brake

mm		kg		kg		kg		mm						daN		
mm	mm	kg	CODE	kg	CODE	kg	CODE	mm	mm	mm	mm	mm	mm	mm	4 km/h	6 km/h
150	78	12.15	648315	10.61	648415	13.03	648515	218	175x140	140x105	14	50	166	1000	800	
150	78	12.15	648324	10.61	648424			223	200x160	160x120	17	50		1000	800	
200	78	13.72	648316	12.18	648416	14.60	648516	275	175x140	140x105	14	65	166	1600	1300	
250	60	14.82	648307	13.23	648407	15.70	648507	320	175x140	140x105	14	74	166	1500	1200	
250	78	16.50	648317	14.91	648417	17.38	648517	320	175x140	140x105	14	74	166	1600	1300	
250	78	17.56	648327	15.23	648427	18.44	648527	325	200x160	160x120	17	74	166	1900	1500	
300	60	18.24	648308	16.62	648408	19.12	648508	360	175x140	140x105	14	81	166	1600	1300	
300	60	19.30	648328	16.95	648428	20.18	648528	365	200x160	160x120	17	81	166	1750	1400	
300	78	20.61	648318	18.99	648418	21.49	648518	360	175x140	140x105	14	81	166	1600	1300	
300	78	21.67	648338	19.32	648438	22.55	648538	365	200x160	160x120	17	81	166	2300	1800	

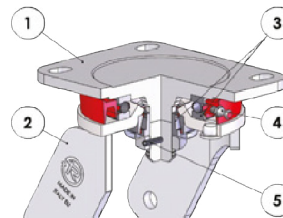
Electrowelded bracket EE EHD - max carrying capacity 2800 daN



- 1) Plate: forged steel with integrated pin
- 2) Fork: deep-drawn legs electro-welded to the flange
- 3) Swivel actions: axial ball bearing and tapered roller bearing
- 4) Grease nipple
- 5) Anti-loosening system nut

mm	mm	kg	CODE	kg	CODE	mm	mm	mm	mm	mm	4 km/h daN	6 km/h daN
300	100	29.80	648309	25.10	648409	384	250x200	210x160	19	78	2500	2000
400	100	44.91	648310	40.21	648410	475	250x200	210x160	19	95	2800	2200

Twin electrowelded brackets EEG MHD - max carrying capacity 900 daN



- 1) Plate: forged steel with integrated pin
- 2) Fork: deep-drawn legs electro-welded to the flange
- 3) Swivel actions: axial ball bearing and tapered roller bearing
- 4) Grease nipple
- 5) Anti-loosening system nut

mm	mm	kg	CODE	kg	CODE	mm	mm	mm	mm	mm	4 km/h daN	6 km/h daN
100	38+38	4.50	648062	3.75	648162	140	135x110	105x80	11	55	700	600
125	38+38	5.45	648063	4.70	648163	170	135x110	105x80	11	55	900	720

Options available to order:



Directional lock for brackets EE MHD - EE HD - EEG MHD - EES MHD: see page 365-367

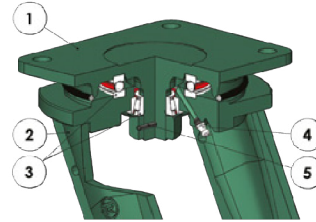


Bracket EE MHD with steering system

SERIES **64**

**"TR" POLYURETHANE WHEELS
WITH CAST IRON CENTRE**

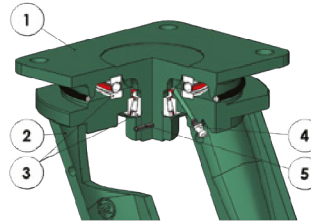
Twin electrowelded brackets EEG HD - max carrying capacity 2000 daN



- 1) Plate: forged steel with integrated pin
- 2) Fork: deep-drawn legs electro-welded to the flange
- 3) Swivel actions: axial ball bearing and tapered roller bearing
- 4) Grease nipple
- 5) Anti-loosening system nut

mm	mm	kg	CODE	kg	CODE	mm	mm	mm	mm	mm	4 km/h daN	6 km/h daN
125	50+50	11.00	648072	7.70	648172	210	175x140	140x105	14	50	1100	880
150	50+50	13.10	648074	8.70	648174	223	175x140	140x105	14	50	1400	1100
160	50+50	13.40	648084	9.00	648184	228	175x140	140x105	14	50	1500	1200
200	50+50	15.90	648066	11.30	648166	280	175x140	140x105	14	65	1600	1300
200	50+50	17.55	648076	12.70	648176	285	200x160	160x120	17	65	2000	1600

Twin electrowelded brackets EEG MHD - max carrying capacity 4300 daN



- 1) Plate: forged steel with integrated pin
- 2) Fork: deep-drawn legs electro-welded to the flange
- 3) Swivel actions: axial ball bearing and tapered roller bearing
- 4) Grease nipple
- 5) Anti-loosening system nut

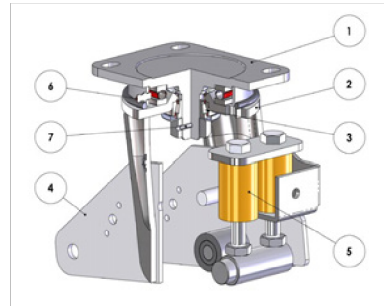
mm	mm	kg	CODE	kg	CODE	mm	mm	mm	mm	mm	4 km/h daN	6 km/h daN
200	78+78	34.80	648086	25.05	648186	280	250x200	210x160	19	52	3200	2500
250	60+60	36.95	648067	27.20	648167	330	250x200	210x160	19	62	3000	2400
250	78+78	40.30	648077	30.55	648177	330	250x200	210x160	19	62	3500	2800
300	78+78	50.00	648078	40.00	648178	385	250x200	210x160	19	75	4300	3500

Options available to order:



Directional lock
for brackets EE MHD
- EE HD - EEG MHD - EES
MHD: see page 365-367

Electrowelded sprung-loaded brackets EES HD - max carrying capacity 1000 daN - damping up to 400 daN



- 1) Piastra: acciaio forgiato con perno integrato zincata elettroliticamente
 - 2) Forcella esterna fissa: orecchie imbutite elettrosaldate alla flangia, sagoma a U elettrosaldato alle orecchie, zincatura elettrolitica
 - 3) Organi di rotazione: cuscinetto assiale a sfere e cuscinetto a rulli conici
 - 4) Forcella interna mobile: orecchie elettrosaldate al tubetto
 - 5) Molle in poliuretano
 - 6) Ingrassatore
 - 7) Sistema anti allentamento dado
- Abbinabile a freno registrabile ad azionamento anteriore

mm	mm	kg	COD.	kg	COD.	kg	COD.	mm	mm	mm	mm	mm	mm	mm	mm	daN	daN	daN	daN
160	50	8,47	649304	7,22	649404	9,53	649504	248	135x110	105x80	11	100	240	25	50	400	750	600	
200	50	9,47	649306	7,82	649406	10,18	649506	268	135x110	105x80	11	100	265	25	50	400	1000	800	
250	50	11,85	649308	10,64	649408	13,09	649508	316	135x110	105x80	11	110	315	25	50	400	1000	960	



Spring travel (mm): maximum difference in the total height of the group wheel + support depending on the spring tension



Initial tension (daN): in case of lighter loads than indicated, the bracket works with no damping



Spring tension (daN): in case of heavier loads than indicated, the bracket works with no damping

Options available to order:



Directional lock for brackets EE MHD - EE HD - EEG MHD - EES MHD: see page 365-367