

SPRING BALANCER/ ZERO GRAVITY BALANCER **RUST-FREE EDITION**

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KROMER

PRODUCTS

We produce our spring pullers and balancers according to the highest quality standards. They are characterized by their extraordinary longevity and precision and are exemplary examples of the value concept "Made in Germany".

All cables are tested long-term, meet the requirements of DIN 15112 and bear the GS mark for tested safety. In addition, they comply with the CE guidelines.

PREMIUM QUALITY

MADE IN GERMANY

EXTRA FEATURES

FOR MORE SAFETY

SAFETY EXPANSION CHAIN

maximum fall distance 10 cm

HIGH-STRENGTH SAFETY HOOK

SPRING FRACTURE SAFEGUARD

- Load range > 3 kg
- In case of spring brake, drum gets blocked by the housing
- Maximum fall distance of the load is 10 cm

HIGH STRENGTH ALUMINUM ALLOY HOUSING

CABLE STOP BUFFER

STAINLESS STEEL CABLE

TESTED SECURITY LABEL

Comply with the stringent German industrie standard:

- DIN 15112

- GS-mark - tested for safety

Screw type snap hook



PRODUCTS

TYPE 7200

LIGHT-DUTY Spring Balancer

LOAD RANGE 0.0 – 2.5 kg

Housing:	Impact- and abrasion-resistant plasti, reddish orange
Cable drum:	Abrasion-resistant plastic
Cable:	High-strength stainless steel cable with elastic cable stop buffer
Spring:	Light-duty spring hook for load suspension, High-strength special suspension spring,Easy load setting
Special features:	Longer cable available on request Version with spiral hose available Food Grade Grease
Safety features:	Tested for safety ("GS" label) Fully assembled unit Rigid housing Insulated suspension With safety chain as a standard feature
Working ranges:	
Cable extension:	1.6 m
Cable stop buffer:	continuously adjustable



Article ID	Load Range (kg)	Cable Travel (m)	Dead Weight (kg)
7200 0800 00	0.0 - 0.5	1.6	0.4
7200 0800 01	0.3 - 1.5	1.6	0.5
7200 0800 02	1.2 – 2.5	1.6	0.6

PRODUCTS

TYPE 7211/7212

LIGHT-DUTY Spring Balancer

LOAD RANGE 0.5 – 3 kg

Housing:	Impact- and abrasion-resistant plastic, reddish orange
Cable drum:	Abrasion-resistant plastic
Cable:	High-strength stainless steel cable with elastic cable stop buffer
Spring:	Light-duty spring hook for load suspension, High-strength special suspension spring, easy load setting
Special features:	Longer cable available on request Version with spiral hose available
Food Grade Grease	
Safety features:	Tested for safety ("GS" label) Fully assembled unit Rigid housing Insulated suspension With safety chain as a standard feature
Working ranges:	
Cable extension:	1.6 m
Cable stop buffer:	continuously adjustable

Working ranges:	
Cable extension:	2.5 m
Cable stop buffer:	continuously adjustable

Ratchet Lock:

This automatic arresting mechanism allows the load to be suspended in a predefined position if moved back at a lower speed.



Article ID	Load Range (kg)	Cable Travel (m)	Ratchet Lock	Dead Weight (kg)
7211 0800 01	0.5 – 2.0	2.5	No	0.8
7211 0800 02	1.5 – 3.0	2.5	No	0.8
7212 0800 01	0.5 – 2.0	2.5	Yes	0.9
7212 0800 02	1.5 – 3.0	2.5	Yes	0.9

PRODUCTS

TYPE 7221/7222

MEDIUM-DUTY Spring Balancer

LOAD RANGE 2 - 14 kg

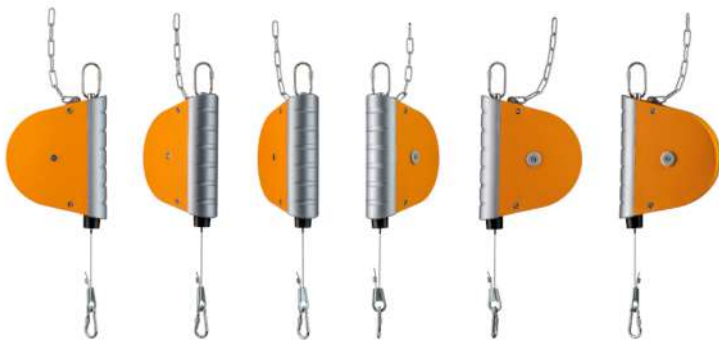
Suspension:	Rotary screw-type spring hook
Housing:	Impact- and abrasion-resistant plastic Reddish orange
Cable drum:	Abrasion-resistant plastic
Cable:	High-strength stainless steel cable with elastic cablestop buffer screw-type spring hook for load suspension Cable can be continuously adjusted lengthwise via a cable wedge Longer cable available on request
Spring:	High-strength, banded special suspension spring, Load continuously adjustable
Special features:	Version 7222 with ratchet lock Longer cable available Version with spiral hose available Food Grade Grease
Safety features:	Tested for safety ("GS" label) Very ridged housing Screw-type spring hook as insulated suspension / swiveling and rotatable Ferrule for securing the cable end Spring fracture safeguard and safety chain as standard features Cable drum lockable

Working ranges:

Cable extension:	3.0 m
Cable stop buffer:	continuously adjustable

Ratchet Lock:

This automatic arresting mechanism allows the load to be suspended in a predefined position if moved back at a lower speed.



Article ID	Load Range (kg)	Cable Travel (m)	Ratchet Lock	Dead Weight (kg)
7221 0800 01	2.0 - 5.0	3.0	No	3.3
7221 0800 02	4.0 - 8.0	3.0	No	3.7
7221 0800 03	7.0 - 10.0	3.0	No	3.7
7221 0800 04	10.0 - 14.0	3.0	No	3.9
7222 0800 01	2.0 - 5.0	3.0	Yes	3.5
7222 0800 02	4.0 - 8.0	3.0	Yes	3.8
7222 0800 03	7.0 - 10.0	3.0	Yes	3.8
7222 0800 04	10.0 - 14.0	3.0	Yes	4.0

PRODUCTS

TYPE 7230/7231

MEDIUM-DUTY Zero Gravity Balancer

LOAD RANGE 3 - 21 kg

Suspension:	Safety hook (freely rotatable and swiveling)
Housing:	Impact- and abrasion-resistant plastic Reddish orange
Cable drum:	Abrasion-resistant plastic
Cable:	High-strength stainless steel cable with elastic cable stop buffer Screw-type spring hook for load suspension Cable can be continuously adjusted lengthwise via a cable wedge Lift or working range can be continuously adjusted (reduced) in addition via a cable clamp
Spring:	High-strength and riveted special suspension spring Continuously load adjustment via endless screw
Special features:	Version 7231 with ratchet lock Longer cable available Food Grade Grease
Safety features:	Tested for safety ("GS" label) Very ridged housing Highly impact-resistant housing Safety hook for insulated suspension Safety hook freely rotatable and swiveling Screw-type spring hook for load suspension Fall protection though safety chain Spring fracture safeguard Integrated drum lock

Working ranges:

Cable extension:	2.0 m
Cable stop buffer:	continuously adjustable

Ratchet Lock:

This automatic arresting mechanism allows the load to be suspended in a predefined position if moved back at a lower speed.



Article ID	Load Range (kg)	Cable Travel (m)	Ratchet Lock	Dead Weight (kg)
7230 0000 01	3.0 - 5.0	2.0	No	2.9
7230 0000 02	4.5 - 7.0	2.0	No	3.1
7230 0000 03	6.0 - 10.0	2.0	No	3.2
7230 0000 04	9.0 - 14.0	2.0	No	3.4
7230 0000 05	13.0 - 17.0	2.0	No	3.6
7230 0000 06	16.0 - 21.0	2.0	No	3.8
7231 0000 01	3.0 - 5.0	2.0	Yes	3.1
7231 0000 02	4.5 - 7.0	2.0	Yes	3.3
7231 0000 03	6.0 - 10.0	2.0	Yes	3.4
7231 0000 04	9.0 - 14.0	2.0	Yes	3.6
7231 0000 05	13.0 - 17.0	2.0	Yes	3.8
7231 0000 06	16.0 - 21.0	2.0	Yes	4.0

PRODUCTS

TYPE 7235/7236

MEDIUM-DUTY Zero Gravity Balancer

LOAD RANGE 15 – 55 kg

Suspension:	Screw-type safety hook Freely rotatable and swiveling
Housing:	High-strength Sand-Cast aluminum / silver
Cable drum:	High-strength Sand-Cast aluminum
Cable:	High-strength stainless steel cable with elastic cable stop buffer Screw-type spring hook for load suspension
Spring:	Lift or working range can be continuously adjusted (reduced) in addition via a cable clamp High-strength and riveted special suspension spring Continuously load adjustment via endless screw
Special features:	Version 7236 with ratchet lock Longer cable available Food Grade Grease
Safety features:	Tested for safety ("GS" label) Very ridged housing Highly impact-resistant housing Screw-type safety hook (freely rotatable and swiveling) Screw-type spring hook for load suspension Fall protection through safety chain Spring fracture safeguard Integrated drum lock

Working ranges:

Cable extension: 2.0 m

Cable stop buffer: continuously adjustable

Ratchet Lock:

This automatic arresting mechanism allows the load to be suspended in a predefined position if moved back at a lower speed.



Article ID	Load Range (kg)	Cable Travel (m)	Ratchet Lock	Dead Weight (kg)
7235 0000 01	15.0 - 25.0	2.0	No	7.80
7235 0000 02	25.0 - 35.0	2.0	No	8.90
7235 0000 03	35.0 - 45.0	2.0	No	9.50
7235 0000 04	45.0 - 55.0	2.0	No	9.75
7236 0000 01	15.0 - 25.0	2.0	Yes	8.90
7236 0000 02	25.0 - 35.0	2.0	Yes	10.00
7236 0000 03	35.0 - 45.0	2.0	Yes	10.60
7236 0000 04	45.0 - 55.0	2.0	Yes	10.85

PRODUCTS

TYPE 7241

HEAVY-DUTY Zero Gravity Balancer

LOAD RANGE 12 – 100 kg

Suspension: Safety hook
Freely rotatable and swiveling
Positionable

Housing: High-strength
Die-cast aluminium

Housing cover: High-strength
Die-cast aluminium

Cable drum: High-strength
Die-cast aluminium

Cable: High-strength stainless steel cable with elastic cable stop buffer
Screw-type spring hook for load suspension
Lift or working range can be continuously adjusted
Cable continuously adjustable in length via cable wedge

Spring: High-strength special suspension spring
Encapsulated and riveted spring

Special features: Longer cable available
Optionally with manual drum lock
Food Grade Grease

Type of bearing: Ball bearings
Closed on both sides

Safety features: Tested for safety ("GS" label)
Very ridged housing
Highly impact-resistant aluminum housing
Safety hook, freely rotatable and swiveling
Overload protection due to cable extension limit stop
Screw-type spring hook for load suspension
Fall protection through safety expansion chain
Spring fracture safeguard
Integrated drum lock
Ferrule for securing cable end
Freewheel device for protection against handling errors

Working ranges:

Cable extension: 2.0 m

Cable stop buffer: continuously adjustable

Ratchet Lock:

This automatic arresting mechanism allows the load to be suspended in a predefined position if moved back at a lower speed.



Article ID	Load Range (kg)	Cable Travel (m)	Drum Lock	Dead Weight (kg)
7241 0800 01	12-20	2.0	No	14.8
7241 0800 02	20-30	2.0	No	15.2
7241 0800 03	30-45	2.0	No	16.9
7241 0800 04	45-60	2.0	No	17.3
7236 0000 05	60-75	2.0	No	18.7
7241 0800 06	75-90	2.0	No	19.7
7241 0800 07	90-100	2.0	No	19.9
7241 0800 81	12-20	2.0	Yes	15.0
7241 0800 82	20-30	2.0	Yes	15.4
7241 0800 83	30-45	2.0	Yes	17.1
7241 0800 84	45-60	2.0	Yes	17.5
7241 0800 85	60-75	2.0	Yes	18.9
7241 0800 86	75-90	2.0	Yes	19.9
7241 0800 87	90-100	2.0	Yes	21.1

PRODUCTS

TYPE 7251

HEAVY-DUTY Zero Gravity Balancer

LOAD RANGE 15 – 200 kg

Suspension:	Safety hook Freely rotatable and swiveling Positionable	Safety features:	Tested for safety ("GS" label) Very ridged housing Highly impact-resistant aluminum housing Safety hook, freely rotatable and swiveling Overload protection due to cable extension limit stop Screw-type spring hook for load suspension Fall protection through safety expansion chain Spring fracture safeguard Integrated drum lock Ferrule for securing cable end Freewheel device for protection against handling errors
Housing:	High-strength Sand-cast aluminum		
Housing cover:	High-strength Sand-cast aluminum		
Cable drum:	High-strength Sand-cast aluminum		
Cable:	High-strength stainless steel cable with elastic cable stop buffer Screw-type spring hook for load suspension Lift or working range can be continuously adjusted Cable continuously adjustable in length via cable wedge		
Spring:	High-strength special suspension spring Encapsulated and riveted spring		
Special features:	Longer cable available Food Grade Grease		

Working ranges:

Cable extension: 3.0 m

Cable stop buffer: continuously adjustable



Article ID	Load Range (kg)	Cable Travel (m)	Dead Weight (kg)
7251 0800 01	15 - 25	3.0	25.0
7251 0800 02	25 - 35	3.0	26.0
7251 0800 03	35 - 50	3.0	27.0
7251 0800 04	50 - 65	3.0	28.0
7251 0800 05	65 - 80	3.0	29.0
7251 0800 06	80 - 90	3.0	30.0
7251 0800 07	90 - 100	3.0	32.0
7251 0800 08	100 - 115	3.0	41.8
7251 0800 09	115 - 130	3.0	43.2
7251 0800 10	130 - 140	3.0	44.6
7251 0800 11	140 - 150	3.0	46.0
7251 0800 12	150 - 170	3.0	46.4
7251 0800 13	170 - 180	3.0	46.7
7251 0800 14	180 - 190	3.0	47.0
7251 0800 15	190 - 200	3.0	47.3

