

German Patent

Round Grab RG-SAFELOCK



RG-20/85-SAFELOCK



RG-75/125-SAFELOCK



RG-100/150-SAFELOCK

The clamping force of the claws is maintained fully in all cases, even if the carrier is operated incorrectly.

- Gripping and laying concrete pipes.
- Patented safety locking system: When lifting the product, the grab generates tension on the pipe, which is maintained even when the product is set down.
- One-man operation.
- With adjustable height supports, which can be adjusted with a scale using the external pipe diameter. This guarantees an optimum grab position.
- Slim design allows joint-sleeve pipes lying close together to be picked up onto the lorry loading area and used in very narrow trenches.
- With handles to guide the claw.
- The eye runs in a setting with 2 hanging positions. One is used for locked grabbing, the other for releasing the catch and for empty lifting. This allows operation with only one person.

RG-20/85-SAFELOCK: Increased grip width and increased working load limit as with RG-20/80. Easy adjustment of the outer diameter by means of a scale and a central lock pin. Rubber grippers. Polyamide-coated height adjustment bracket. Durable surface protection by galvanizing.

RG-75/125-SAFELOCK: Easy, continuous adjustment of the external diameter by means of a scale using threaded spindles. Crank included in the delivery. Replaceable steel grab clamps with a reliable grip. Optionally available: rubber gripper jaws to prevent surface damage. Durable surface protection by galvanizing.

RG-100/150-SAFELOCK: Easy, continuous adjustment of the external diameter by means of a scale using threaded spindles. Crank included in the delivery. Replaceable steel grab clamps with a reliable grip.

Type	Length of Gripper mm (in)	Dead Weight kg (lbs)	Gripping Range mm (in)	Working Load Limit/WLL kg (lbs)	Order-Number
RG-20/85-SAFELOCK	420 (16½)	125 (275)	200 – 870 (7¾ – 34¼)	2,500 (5,500)	54500006
RG-75/125-SAFELOCK	440 (17¼)	370 (820)	720 – 1,280 (28¼ – 50½)	4,000 (8,800)	54500005
RG-100/150-SAFELOCK	460 (18)	425 (940)	970 – 1,530 (38¼ – 60¼)	6,000 (13,200)	54500008

Accessories

Type	Description	Dimensions L x W x H mm (in)	Order-Number
Steelfinger gripper	for RG-75/125 and RG-100/150	60 x 60 x 15 (2¼ x 2¼ x ½)	34010108
GMT Rubber gripper, black	only for RG-75/125	60 x 15 x 200 (2¼ x ½ x 7¾)	43101377



Round Grab RG

Due to the ultra slim design the grab can be used in very slender trenches.

Exchangeable gripping elements to prevent concrete pipes from damage.

- With adjustable opening width by spring loaded bolts.
- With crane eye for attaching to crane hook.
- With automatic release mechanism which means no additional operating personnel are needed.
- With height adjustment bars.
- Durable surface protection by galvanizing.

RG-8/40: besides concrete pipes, vitrified clay pipes can also be gripped safely.

RG-8/40



RG-20/80

Type	Length of Gripper mm (in)	Dead Weight kg (lbs)	Gripping Range mm (in)	Working Load Limit/WLL kg (lbs)	Order-Number
RG-8/40	500 (19¾)	45 (100)	80 – 400 (3¼ – 15¾)	430 (950)	54500004
RG-20/80	420 (16½)	92 (205)	200 – 800 (7¾ – 31½)	1,500 (3,300)	54500002