



2 Type

- G With thread
- R With indexing plunger
- D With spring plunger

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Screw locations z

Construction tube with locking holes GN 990.1

s	d ₁	d ₂	d ₃	d ₄	k	l ₁	l ₂	m	t	x ₁	x ₂	y ₁	y ₂	z	Accessory
Square			Pin -0,05 Bore ^{+0,03} / _{-0,08}	Ball Ø	Clamping length									Screw locations	Recommended hand lever GN 911 for z l ₃
V 25	M 8	6,5	5	3,5	50	53	68	30	7	50	35	75	60	M8-40	78
V 30	M 8	6,5	5	3,5	50	53	68	30	7	50	35	75	60	M8-40	78
V 40	M 12	11	8	6,5	76	81,5	98	46,5	14	76	50	115	90	M10-65	92
V 50	M 12	11	8	6,5	76	81,5	98	46,5	14	76	50	115	90	M10-65	92

Specification

- Locking slide unit
Aluminum
Powder coated
Black, RAL 9005, textured finish ● **SW**
- Fastening elements / Transfer elements
 - Socket cap screws DIN 912
 - Hex nuts DIN 985
 - Centering bushings
 Stainless steel AISI 304
- Indexing plunger GN 717, type CK
 - Plunger pin, stainless steel AISI 303
 - Knob
Plastic, Polyamide (PA)
Black, matte finish
- Spring plunger GN 615.9, type KN
 - Stainless steel AISI 303
 - Ball with friction bearing
 - With internal hex
 - Stainless steel lock nut ISO 4035
- *Stainless Steel Characteristics* → Page 2166

• RoHS

Accessory

- Adjustable Hand Levers GN 911 → Page 1784

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Information

With flanged locking slide units GN 147.7, recurring positions along a square construction tube can be moved to easily and quickly. The required holes for type R or countersinks for type D can be created by the user according to the design instructions or ordered as completely finished construction tubes with locking holes GN 990.1.

For quick clamping without tools, the socket cap screws at the screw locations z, can be replaced by the adjustable hand levers GN 911 listed in the table as accessories. Centering bushings in the pass-through holes eliminate the axial play between the top and bottom parts of the locking slide units.

Flanged locking slide units GN 147.7 are delivered with unmounted indexing plunger (Type R) or spring plunger (Type D). Type G with thread is universally suitable for specific applications.

see also...

- *Construction Tubes with Locking Holes GN 990.1* → Page 1977
- *Construction Tubes GN 990 (without Locking Holes)* → Page 1835
- *Square Linear Actuators GN 291.1* → Page 1973

How to order	1
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	2 Type
	3 Finish

GN 147.7-V30-D-SW