

1 Type

- Operation
- DK** with triangular spindle (DK7)
 - VK7** with square spindle A/F7
 - VK8** with square spindle A/F8
 - SCH** with slot
 - VDE** with double bit
 - RG** with knurled knob GN 7336
 - KG** with wrench
 - HG** with lever

2

Latch distance A in retaining position (clamping position)																					
17	19	21	23	26	27	29	31	33	35	37	39	41	43	45	47	49	51	53	55	58	63

Specification

- Housing / Locking mechanism
Zinc die casting
- Locating ring
plastic coated
black, textured finish
- Latch
Steel
zinc plated, blue passivated
- all handles (Type RG / KG / HG)
 - Plastic (Polyamide PA)
black, matt
 - Cover cap
light grey, matt
- Protection class: IP 65
- RoHS compliant

Information

The rotary clamping latches GN 516 have a closing mechanism which transfers the rotary movement of the operating element (key) into a 90° turn and then into a 6 mm linear stroke.

This mechanism is designed for common applications such as making a tight and vibration-proof interlock in the end position (retaining position) in connection with an elastic element (door / casing seal).

22 latches with different cranks will cover latch distances (retaining zones) of between 17 and 63 mm. If the measured retaining position lies between two latch distances A, the next smaller value must be selected.

The rotary clamping latches GN 516 are supplied with the latch enclosed loose.

see also...

- *Rotary clamping latches GN 516.1* → Page 854
- *Protection class IP information* → Page 1137

Accessory

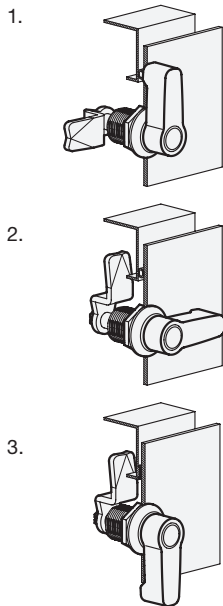
- Keys 119.2 → Page 870

How to order	
1	Type
2	Latch distance A

GN 516-RG-26



2.1
2.2
2.3
2.4



2.5
2.6
2.7
2.8

Technical and assembly instructions

1. Latch in starting position.
2. The first 90° turn of the actuator / key moves the latch into the usual locking position.
3. Turning the actuator further by another 90° will lift the latch in linear direction by 6 mm, pulling the door leaf against the frame or the seal and generating a vibration-proof lock.

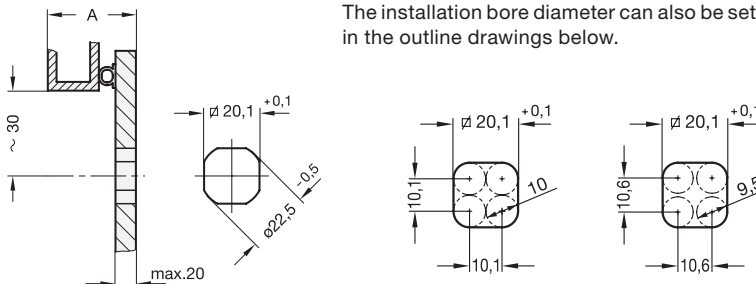
max. torque:	4,5 Nm
max. axial force:	340 N
max. static load:	340 N

For **installation**, set a bore diameter in the door as shown in the outline drawing. Once assembled, the rotary clamping latch is pushed through the bore diameter from the front. The hexagonal nut can then be pushed over the latch from the back and bolted in place.

The **installation bore diameter** in the door leaf is usually generated by punching or laser application in series production.

For small series and steel sheets below 2 mm thickness, the sheet metal punches GN 123 are the tool of choice → Page 876.

The installation bore diameter can also be set by drilling / milling as shown in the outline drawings below.



2.9