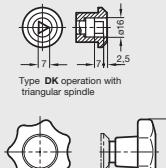
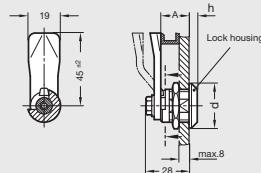
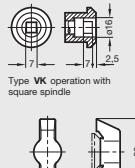


GN 115 | Zinc-Die-Cast Door Locking Mechanisms

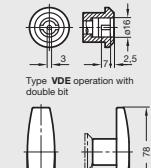
Metric Size



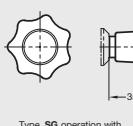
Type DK operation with triangular spindle



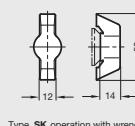
Type VK operation with square spindle



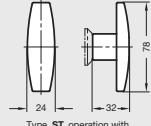
Type VDE operation with double bit



Type SG operation with star knob



Type SK operation with wrench



Type ST operation with T-Handle



3

ISO 9001 Supplier

RoHS Compliant

Lock housing

Zinc die-cast, chrome plated

Lock hardware

Steel, zinc-plated, blue passivated finish

Hand knob

Black glass filled nylon plastic

The GN 115 locks are economical. They offer a straight-forward locking action rather than a locking and clamping action.

The choice of 22 differently shaped catch plates provides a range of latching distances from 4 to 50 mm, or .157 to 1.97 inches.

Locks with key operation are supplied with two keys.

Key can be removed from lock in both open and locked positions.

In the standard key lock versions, all locks can be operated with the identical key.

Locks requiring different keys are available upon request.

For sheet metal punches for door locks, see GN 123, page 152.

Hand Operated Locks Table

Dimensions in: millimeters (inches)

Type SG Star Knob	Type SK Wing Nut	Type ST T-Handle	A Latching Distance	d type SG	d types SK, ST	h type SG	h types SK, ST
4DP56/SG	4DP56/SK	4DP56/ST	4 (.16)	28 (1.10)	32 (1.26)	4 (.16)	6 (.24)
6DP56/SG	6DP56/SK	6DP56/ST	6 (.24)	28 (1.10)	32 (1.26)	4 (.16)	6 (.24)
8DP56/SG	8DP56/SK	8DP56/ST	8 (.31)	28 (1.10)	32 (1.26)	4 (.16)	6 (.24)
10DP56/SG	10DP56/SK	10DP56/ST	10 (.39)	28 (1.10)	32 (1.26)	4 (.16)	6 (.24)
13DP56/SG	13DP56/SK	13DP56/ST	13 (.51)	28 (1.10)	32 (1.26)	4 (.16)	6 (.24)
14DP56/SG	14DP56/SK	14DP56/ST	14 (.55)	28 (1.10)	32 (1.26)	4 (.16)	6 (.24)
16DP56/SG	16DP56/SK	16DP56/ST	16 (.63)	28 (1.10)	32 (1.26)	4 (.16)	6 (.24)
18DP56/SG	18DP56/SK	18DP56/ST	18 (.71)	28 (1.10)	32 (1.26)	4 (.16)	6 (.24)
20DP56/SG	20DP56/SK	20DP56/ST	20 (.79)	28 (1.10)	32 (1.26)	4 (.16)	6 (.24)
22DP56/SG	22DP56/SK	22DP56/ST	22 (.87)	28 (1.10)	32 (1.26)	4 (.16)	6 (.24)
24DP56/SG	24DP56/SK	24DP56/ST	24 (.94)	28 (1.10)	32 (1.26)	4 (.16)	6 (.24)
26DP56/SG	26DP56/SK	26DP56/ST	26 (1.02)	28 (1.10)	32 (1.26)	4 (.16)	6 (.24)
28DP56/SG	28DP56/SK	28DP56/ST	28 (1.10)	28 (1.10)	32 (1.26)	4 (.16)	6 (.24)
30DP56/SG	30DP56/SK	30DP56/ST	30 (1.18)	28 (1.10)	32 (1.26)	4 (.16)	6 (.24)

Table continued...

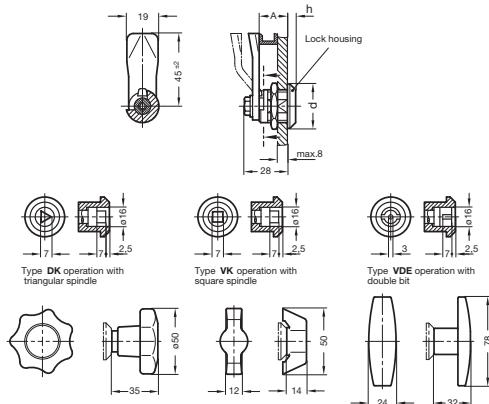
Dimensions in: millimeters (*inches*)

Type SG Star Knob	Type SK Wing Nut	Type ST T-Handle	A Latching Distance	d type SG	d types SK, ST	h type SG	h types SK, ST
32DP56/SG	32DP56/SK	32DP56/ST	32 (1.26)	28 (1.10)	32 (1.26)	4 (.16)	6 (.24)
34DP56/SG	34DP56/SK	34DP56/ST	34 (1.34)	28 (1.10)	32 (1.26)	4 (.16)	6 (.24)
36DP56/SG	36DP56/SK	36DP56/ST	36 (1.42)	28 (1.10)	32 (1.26)	4 (.16)	6 (.24)
38DP56/SG	38DP56/SK	38DP56/ST	38 (1.50)	28 (1.10)	32 (1.26)	4 (.16)	6 (.24)
40DP56/SG	40DP56/SK	40DP56/ST	40 (1.57)	28 (1.10)	32 (1.26)	4 (.16)	6 (.24)
42DP56/SG	42DP56/SK	42DP56/ST	42 (1.65)	28 (1.10)	32 (1.26)	4 (.16)	6 (.24)
45DP56/SG	45DP56/SK	45DP56/ST	45 (1.77)	28 (1.10)	32 (1.26)	4 (.16)	6 (.24)
50DP56/SG	50DP56/SK	50DP56/ST	50 (1.97)	28 (1.10)	32 (1.26)	4 (.16)	6 (.24)

Hand Operated Locks with Key TableDimensions in: millimeters (*inches*)

Type S Standard with Key	Type SCK Wing Nut with Key	Type SCT T-Handle with Key	A Latching Distance	d type SK	d types SCK, SCT	h type SK	h types SCK, SCT
4DP56/S	4DP56/SCK	4DP56/SCT	4 (.16)	28 (1.10)	32 (1.26)	4 (.16)	6 (.24)
6DP56/S	6DP56/SCK	6DP56/SCT	6 (.24)	28 (1.10)	32 (1.26)	4 (.16)	6 (.24)
8DP56/S	8DP56/SCK	8DP56/SCT	8 (.31)	28 (1.10)	32 (1.26)	4 (.16)	6 (.24)
10DP56/S	10DP56/SCK	10DP56/SCT	10 (.39)	28 (1.10)	32 (1.26)	4 (.16)	6 (.24)
13DP56/S	13DP56/SCK	13DP56/SCT	13 (.51)	28 (1.10)	32 (1.26)	4 (.16)	6 (.24)
14DP56/S	14DP56/SCK	14DP56/SCT	14 (.55)	28 (1.10)	32 (1.26)	4 (.16)	6 (.24)
16DP56/S	16DP56/SCK	16DP56/SCT	16 (.63)	28 (1.10)	32 (1.26)	4 (.16)	6 (.24)
18DP56/S	18DP56/SCK	18DP56/SCT	18 (.71)	28 (1.10)	32 (1.26)	4 (.16)	6 (.24)
20DP56/S	20DP56/SCK	20DP56/SCT	20 (.79)	28 (1.10)	32 (1.26)	4 (.16)	6 (.24)
22DP56/S	22DP56/SCK	22DP56/SCT	22 (.87)	28 (1.10)	32 (1.26)	4 (.16)	6 (.24)
24DP56/S	24DP56/SCK	24DP56/SCT	24 (.94)	28 (1.10)	32 (1.26)	4 (.16)	6 (.24)
26DP56/S	26DP56/SCK	26DP56/SCT	26 (1.02)	28 (1.10)	32 (1.26)	4 (.16)	6 (.24)
28DP56/S	28DP56/SCK	28DP56/SCT	28 (1.10)	28 (1.10)	32 (1.26)	4 (.16)	6 (.24)
30DP56/S	30DP56/SCK	30DP56/SCT	30 (1.18)	28 (1.10)	32 (1.26)	4 (.16)	6 (.24)
32DP56/S	32DP56/SCK	32DP56/SCT	32 (1.26)	28 (1.10)	32 (1.26)	4 (.16)	6 (.24)
34DP56/S	34DP56/SCK	34DP56/SCT	34 (1.34)	28 (1.10)	32 (1.26)	4 (.16)	6 (.24)

Table continued...



3

Dimensions in: millimeters (inches)

Type S Standard with Key	Part Number Type SCK Wing Nut with Key	Part Number Type SCT T-Handle with Key	A Latching Distance	d type SK	d types SCK, SCT	h type SK	h types SCK, SCT
36DP56/S	36DP56/SCK	36DP56/SCT	36 (1.42)	28 (1.10)	32 (1.26)	4 (.16)	6 (.24)
38DP56/S	38DP56/SCK	38DP56/SCT	38 (1.50)	28 (1.10)	32 (1.26)	4 (.16)	6 (.24)
40DP56/S	40DP56/SCK	40DP56/SCT	40 (1.57)	28 (1.10)	32 (1.26)	4 (.16)	6 (.24)
42DP56/S	42DP56/SCK	42DP56/SCT	42 (1.65)	28 (1.10)	32 (1.26)	4 (.16)	6 (.24)
45DP56/S	45DP56/SCK	45DP56/SCT	45 (1.77)	28 (1.10)	32 (1.26)	4 (.16)	6 (.24)
50DP56/S	50DP56/SCK	50DP56/SCT	50 (1.97)	28 (1.10)	32 (1.26)	4 (.16)	6 (.24)

Specialty Key Locks Table

Dimensions in: millimeters (inches)

Type DK Triangular Spindle	Part Number Type VK Square Spindle	Part Number Type VDE Double Bit Spindle	A Latching Distance	d	h
4DP56/DK	4DP56/VK	4DP56/VDE	4 (.16)	28 (1.10)	4 (.16)
6DP56/DK	6DP56/VK	6DP56/VDE	6 (.24)	28 (1.10)	4 (.16)
8DP56/DK	8DP56/VK	8DP56/VDE	8 (.31)	28 (1.10)	4 (.16)
10DP56/DK	10DP56/VK	10DP56/VDE	10 (.39)	28 (1.10)	4 (.16)
13DP56/DK	13DP56/VK	13DP56/VDE	13 (.51)	28 (1.10)	4 (.16)
14DP56/DK	14DP56/VK	14DP56/VDE	14 (.55)	28 (1.10)	4 (.16)
16DP56/DK	16DP56/VK	16DP56/VDE	16 (.63)	28 (1.10)	4 (.16)
18DP56/DK	18DP56/VK	18DP56/VDE	18 (.71)	28 (1.10)	4 (.16)
20DP56/DK	20DP56/VK	20DP56/VDE	20 (.79)	28 (1.10)	4 (.16)

Table continued...



Dimensions in: millimeters (inches)

Type DK Triangular Spindle	Part Number Type VK Square Spindle	Part Number Type VDE Double Bit Spindle	A Latching Distance	d	h
22DP56/DK	22DP56/VK	22DP56/VDE	22 (.87)	28 (1.10)	4 (.16)
24DP56/DK	24DP56/VK	24DP56/VDE	24 (.94)	28 (1.10)	4 (.16)
26DP56/DK	26DP56/VK	26DP56/VDE	26 (1.02)	28 (1.10)	4 (.16)
28DP56/DK	28DP56/VK	28DP56/VDE	28 (1.10)	28 (1.10)	4 (.16)
30DP56/DK	30DP56/VK	30DP56/VDE	30 (1.18)	28 (1.10)	4 (.16)
32DP56/DK	32DP56/VK	32DP56/VDE	32 (1.26)	28 (1.10)	4 (.16)
34DP56/DK	34DP56/VK	34DP56/VDE	34 (1.34)	28 (1.10)	4 (.16)
36DP56/DK	36DP56/VK	36DP56/VDE	36 (1.42)	28 (1.10)	4 (.16)
38DP56/DK	38DP56/VK	38DP56/VDE	38 (1.50)	28 (1.10)	4 (.16)
40DP56/DK	40DP56/VK	40DP56/VDE	40 (1.57)	28 (1.10)	4 (.16)
42DP56/DK	42DP56/VK	42DP56/VDE	42 (1.65)	28 (1.10)	4 (.16)
45DP56/DK	45DP56/VK	45DP56/VDE	45 (1.77)	28 (1.10)	4 (.16)
50DP56/DK	50DP56/VK	50DP56/VDE	50 (1.97)	28 (1.10)	4 (.16)

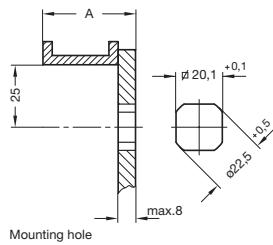
Additional Information

Key for Door Locking Mechanisms



Part Number	Type
P58	For Triangular Spindle
P60	For Square Spindle
P59	For Double Bit Spindle

Technical and Assembly Instructions



By turning the lock, limited to max 90°, the latch is moved behind the frame. Thus the opening of the door or shutter is prevented.

The latch protrudes slightly towards the outside.

The sketch on the left shows the hole required through which the lock is installed.

The mechanism is inserted through the hole from the front and the hexagon nut can be fitted from the back.