Sliding lock adjustment system

VDS — Sliding lock for oblong hole

- ***Clamping lock for oblong hole***
- *Materials:*
  High pressure die-cast zinc body, chrome-plated Button in black or orange thermoplastic polyamide Stainless steel tightening pins and wedges POM plunger
- *Temperature of use: Max. 90°C*

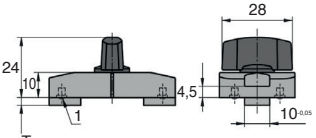


Advantages

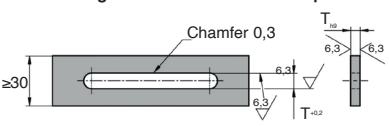
- *Allows locking or unlocking without tools and without screws by simply turning the button*
- *Saves time by avoiding the handling of tools.*

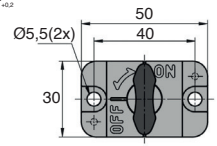
Accessories

- *Blocking wedge* ***VDS-CB*** *(tome 1 p.233)*

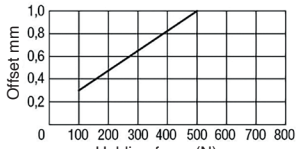


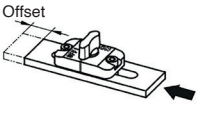
Mounting dimensions of the counterpart





Offset with static load in one direction





Forces apply to steel or stainless steel plates

DISCOUNTS

Qty	1+	4+	8+
Disc.	List	-5%	On request

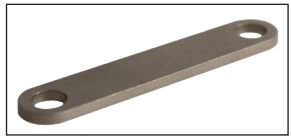
Part number	T1	T2	Holding force (N)		Price each 1 to 3
Black button					
VDS50-3/N	3	3	500	-	81,76 €
VDS50-6/N	6	6	500	-	81,76 €
Orange button					
VDS50-3/O	3	3	500	-	81,76 €
VDS50-6/O	6	6	500	-	81,76 €

**Depending on availability - Dimensions in mm*

Sliding lock adjustment system

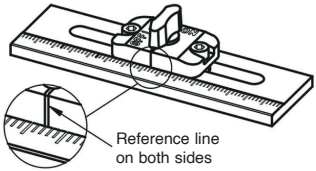
Blocking wedge for sliding lock for oblong hole VDSCB

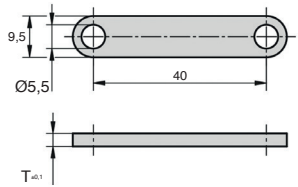
- **Blocking wedge necessary for sliding locks for oblong holes with plates thicker than 3mm or 6mm.**
- *Materials:*
  Stainless steel natural finish



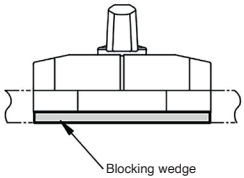
Accessories

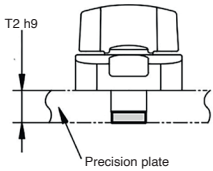
- *Sliding lock* ***VDS*** **(tome 1 p.232)**





Application example





Sliding lock for oblong hole	Suitable blocking wedge	Precision plate T2 (mm)
VDS50-3/N	-	$3_{-0,25}$
VDS50-3/O	VDS50-2/CB	$5_{-0,3}$
VDS50-6/N	-	$6_{-0,3}$
VDS50-6/O	VDS50-2/CB	$8_{-0,36}$
	VDS50-3/CB	$9_{-0,36}$

DISCOUNTS

Qty	1+	4+	8+
Disc.	List	-5%	On request

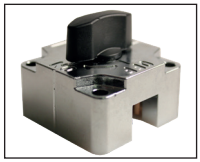
Part number	T	Price each 1 to 3
VDS50-2/CB	2	7,12 €
VDS50-3/CB	3	7,65 €

**Depending on availability - Dimensions in mm*

Sliding lock adjustment system

VDSQ Sliding lock for square profile

- ***Clamping lock for square profile***
- *Materials:*
  High pressure die-cast zinc body, chrome-plated
  Button in black or orange thermoplastic polyamide
  Stainless steel locking pins and wedges
  Phosphated bronze leaf spring
- *Temperature of use: Max. 90°C*



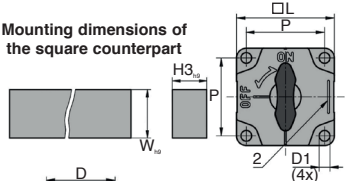
Advantages

- *Allows locking or unlocking without tools and without screws by simply turning the button*
- *Saves time by avoiding the handling of tools.*

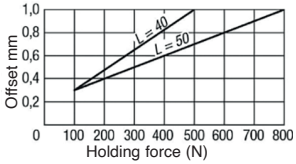
Accessories

- *Blocking wedge* ***VDSQ-CB (tome 1 p.235)***

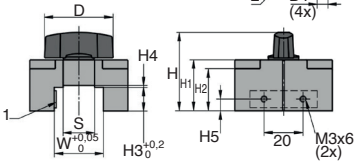
Mounting dimensions of the square counterpart



Offset with static load in one direction



Forces apply to steel or stainless steel square elements



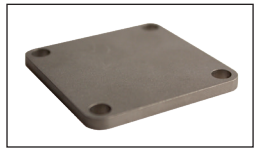
DISCOUNTS

Qty	1+	4+	8+
Disc.	List	-5%	On request

Part number	L	ØD	ØD1	H	H1	H2	H3	H4	H5	P	W	S	Holding force (N)	Price each 1 to 3
Black button														
VDSQ40-12-12/N	40	28	4,5	36	22	18,5	12	-	6,0	32	12	-	500	94,15 €
VDSQ40-16-16/N	40	28	4,5	40	26	22,5	16	-	8,0	32	16	-	500	94,15 €
VDSQ50-9-25/N	50	35	5,5	37	23	18,5	9	1	4,5	40	25	16	800	101,28 €
VDSQ50-12-25/N	50	35	5,5	40	26	21,5	12	1	6,0	40	25	16	800	101,28 €
VDSQ50-12-32/N	50	35	5,5	40	26	21,5	12	1	6,0	40	32	16	800	101,28 €
VDSQ50-16-32/N	50	35	5,5	44	30	25,5	16	1	8,0	40	32	16	800	101,28 €
Orange button														
VDSQ40-12-12/O	40	28	4,5	36	22	18,5	12	-	6,0	32	12	-	500	94,15 €
VDSQ40-16-16/O	40	28	4,5	40	26	22,5	16	-	8,0	32	16	-	500	94,15 €
VDSQ50-9-25/O	50	35	5,5	37	23	18,5	9	1	4,5	40	25	16	800	101,28 €
VDSQ50-12-25/O	50	35	5,5	40	26	21,5	12	1	6,0	40	25	16	800	101,28 €
VDSQ50-12-32/O	50	35	5,5	40	26	21,5	12	1	6,0	40	32	16	800	101,28 €
VDSQ50-16-32/O	50	35	5,5	44	30	25,5	16	1	8,0	40	32	16	800	101,28 €

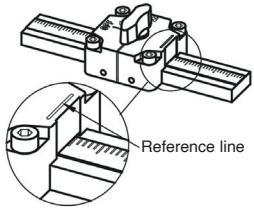
Dimensions in mm

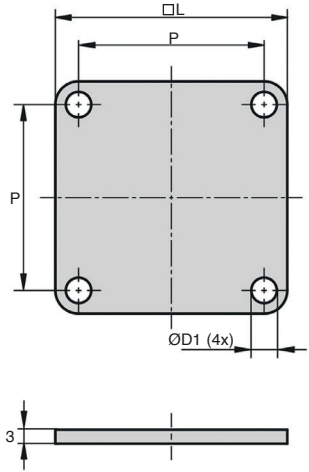
- **Blocking wedge**
- A locking wedge is required for clamp bolts for square profile with a 3mm thick plate.
- They are used to move the clamping lock on a fixed square.
- Materials:
  Stainless steel natural finish



Accessories

- Sliding clamping lock **VDSQ (tome 1 p.234)**





DISCOUNTS

Qty	1+	4+	8+
Disc.	List	-5%	on request

Part number	L	ØD1	P	Price each 1 to 3
VDSQ40-32/CB	40	4,5	32	10,10 €
VDSQ50-40/CB	50	5,5	40	11,89 €

Dimensions in mm

One-touch sliding locks

VDSQ

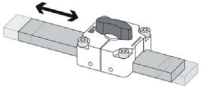
Principle

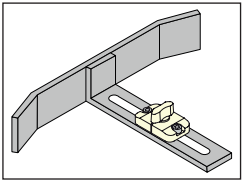
Locking system allowing a ruler to slide in relation to a lock.
By setting the knob to "ON", the clamping bolt is tightened.

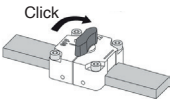
Operating principle :
Clamp locks can be used in two different operating modes :

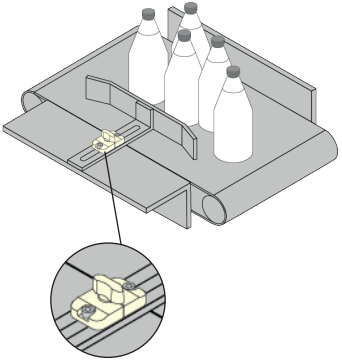
*- **Operating mode 1 :** The clamping bolt slides.*
It moves on a plate with an oblong hole or on a square profile.

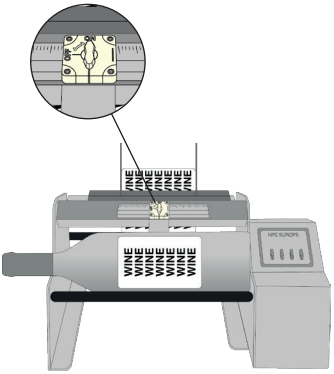
*- **Operating mode 2 :** The clamping bolt is fixed.*
If the clamping bolt is screwed (fixed) directly onto a plate, the square profile or plate can be slid.











VDS Adjustment of a bottleneck

VDSQ Print head adjustment

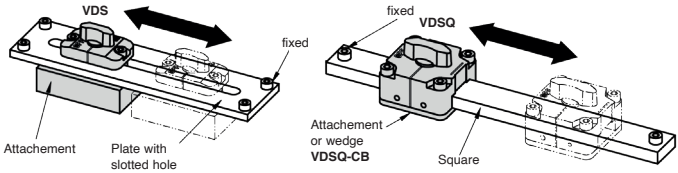
Example of application

Two versions of sliding locks are available:

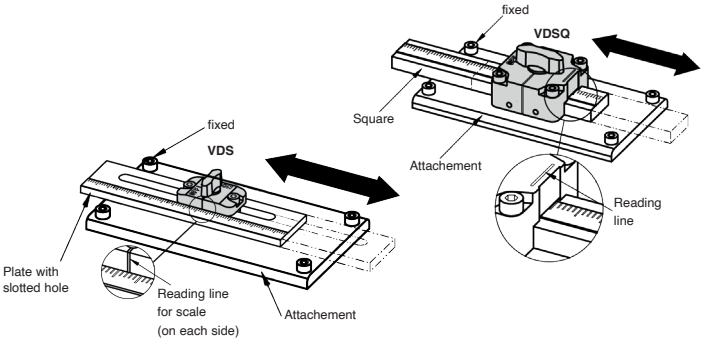
- ***Sliding locks for slotted holes** are pressed into a plate with a groove 10 mm wide, then secured with the locking wedge. During assembly of the element the knob must be set to "OFF". Sliding locks 3 or 6 mm thick are used for precision plates. For other thicknesses, the VDS-CB shims should be used.*

- ***Sliding locks for square profile** are placed on a 12mm to 32mm wide ruler. A 3mm thick VDSQ-CB blocking shim can be used to prevent the rule from disengaging.*

Sliding lock with movable clamping elements - Plates fixed by oblong or square hole



Movable plates with slotted or square hole - Sliding lock fixed with locking elements



VDS example of application **VDSQ example of application**