

- **Two materials to choose from**
- **Materials:**  
**SLV body:** zinc plated steel  
**SCH/SS body:** stainless steel 18.9 (303)  
**Rivets:** stainless steel  
**Fastening pin and nuts:** phosphated steel  
**Handle:** oil-resistant plastic
- **With fixing base and adjustable fastening pin**

steel or stainless steel

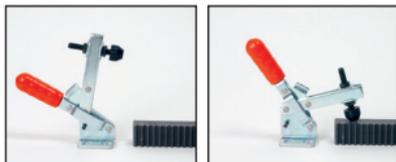


### Advantages

- **The angle between retaining arm to the handle can be adjusted by removing the gudgeon**

### Options

- **Mounting bracket (please ask us)**

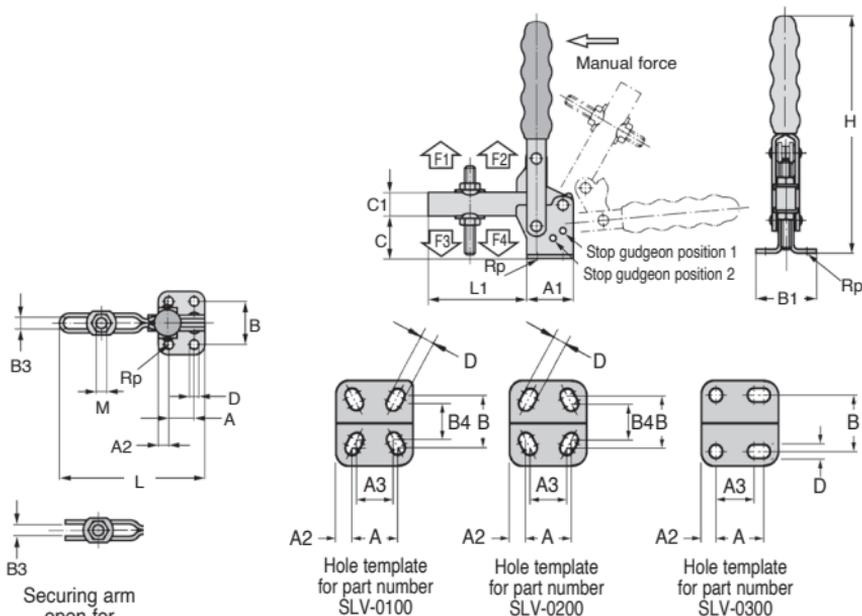


Typical application

Part number		Opening angle of retaining arm			Opening angle of handle			A1	B1	H
Steel	Stainless steel	Pos.1	Pos.2	without gudgeon	Pos.1	Pos.2	without gudgeon			
SLV-0075	SLV-0075SS	130°	-	160°	90°	-	100°	25	34	94
SLV-0100	-	95°	-	185°	65°	-	105°	29	34	98
SLV-0150	SLV-0150SS	95°	-	185°	75°	-	110°	27	38	121
SLV-0200	-	105°	-	175°	70°	-	95°	35	42	135
SLV-0250	SLV-0250SS	95°	125°	160°	70°	85°	100°	35	45	175
SLV-0300	-	105°	-	160°	65°	-	90°	43	53	186
SLV-0350	-	90°	120°	180°	70°	80°	110°	50	64	220
SLV-0450	-	90°	125°	180°	70°	85°	110°	53	64	228
SLV-0550	-	90°	120°	180°	65°	80°	110°	76	95	312

Part number		Manual force (N)	Holding force		Locking force		C	C1	L1
Steel	Stainless steel		F1(N)	F2(N)	F3(N)	F4(N)			
SLV-0075	SLV-0075SS	80	700	1100	500	750	16	9,0	32
SLV-0100	-	80	700	1000	500	800	22	9,5	38
SLV-0150	SLV-0150SS	120	1350	1650	800	1050	23	11,0	43
SLV-0200	-	100	1000	2200	950	1350	30	12,7	44
SLV-0250	SLV-0250SS	190	1000	2800	900	1700	32	17,5	75
SLV-0300	-	130	2000	3700	900	1850	34	19,0	100
SLV-0350	-	230	2200	4500	1400	3000	43	22,0	95
SLV-0450	-	260	3200	7000	1400	3000	51	25,0	124
SLV-0550	-	290	3000	8000	1800	3900	84	32,0	156

\*Subject to availability - Dimensions in mm



Securing arm  
open for  
SLV-0100,  
SLV-0200, and  
SLV-0300

## DISCOUNTS

Qty	1+	6+	15+	20+
Disc.	List	-5%	-10%	On request

Part number	A	A2	A3	B	B3	B4	D	L	M	Stock*	Price each 1 to 5
<b>Steel</b>											
SLV-0075	16,0	5,0	-	24,0	5,5	-	4,4	57	M5x35	✓	23,10 €
SLV-0100	16,0	6,0	14,0	24,0	5,5	17,5	4,8	67	M5x35	✓	22,84 €
SLV-0150	12,7	7,0	-	27,0	6,4	-	5,1	70	M6x50	✓	26,30 €
SLV-0200	19,0	8,0	12,7	27,0	6,3	25,0	5,5	79	M6x50	✓	26,32 €
SLV-0250	19,0	8,0	-	32,0	8,8	-	7,1	110	M8x60	✓	40,64 €
SLV-0300	25,0	9,0	19,0	34,5	8,8	-	8,0	143	M8x60	✓	48,95 €
SLV-0350	32,0	9,0	-	45,0	10,6	-	8,3	145	M10x80	✓	54,65 €
SLV-0450	32,0	10,0	-	45,0	12,7	-	8,7	177	M12x100	✓	69,46 €
SLV-0550	51,0	12,5	-	70,0	16,5	-	12,3	232	M16x150	-	93,19 €
<b>Stainless steel</b>											
SLV-0075SS	16,0	5,0	-	24,0	5,5	-	4,4	57	M5x35	✓	58,46 €
SLV-0150SS	12,7	7,0	-	27,0	6,4	-	5,1	70	M6x50	✓	75,14 €
SLV-0250SS	19,0	8,0	-	32,0	8,8	-	7,1	110	M8x60	✓	105,12 €

\*Subject to availability - Dimensions in mm

# Horizontal toggle clamp



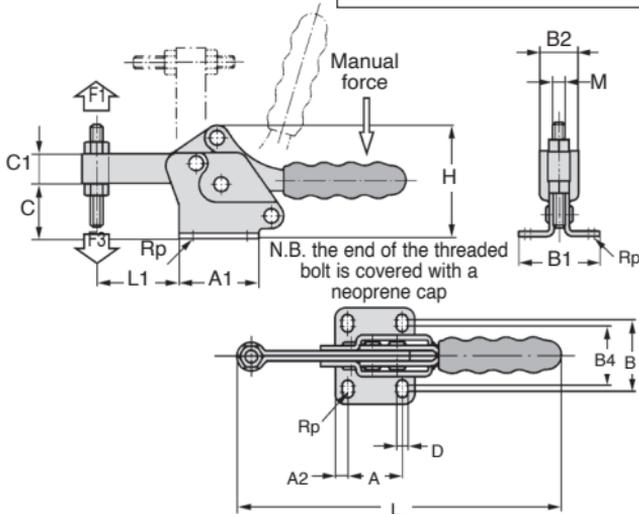
## SLH

## Secures by direct pressure

- Materials:  
 Body: zinc plated steel  
 Fastening pin and nuts: phosphated steel  
 Handle: Oil resistant plastic
- With fixing base and adjustable fastening pin

### Options

- Mounting bracket (please ask us)



### DISCOUNTS

Qty.	1+	6+	15+	20+
Disc.	List	-5%	-10%	On request

Part number	Opening angle of securing arm Pos. 1	Opening angle of handle Pos. 1	Manual force (N)	Manual force F1(N)	Securing force F3(N)
SLH-0075	90°	75°	80	750	320
SLH-0150	90°	80°	140	1500	650

Part number	A	A1	A2	B	B1	B2	B4	C	C1	D	H	L	L1	M	Stock*	Price each 1 to 5
SLH-0075	13,5	25	5,7	16,8	27	16	-	19	9,5	5,2	38	108	24,5	M5x35	✓	26,30 €
SLH-0150	26,0	38	6,0	28,0	40	20	22	25	14,0	5,5	53	155	38,0	M6x50	✓	31,01 €

\*Depending on availability - Dimensions in mm

### - 2 materials to choose from

- Materials:

**SCH** body: zinc plated steel

**SCH/SS** body: stainless steel 18.9 (303)

Handle: Oil-resistant plastic

- Supplied with anchoring base

### Advantages

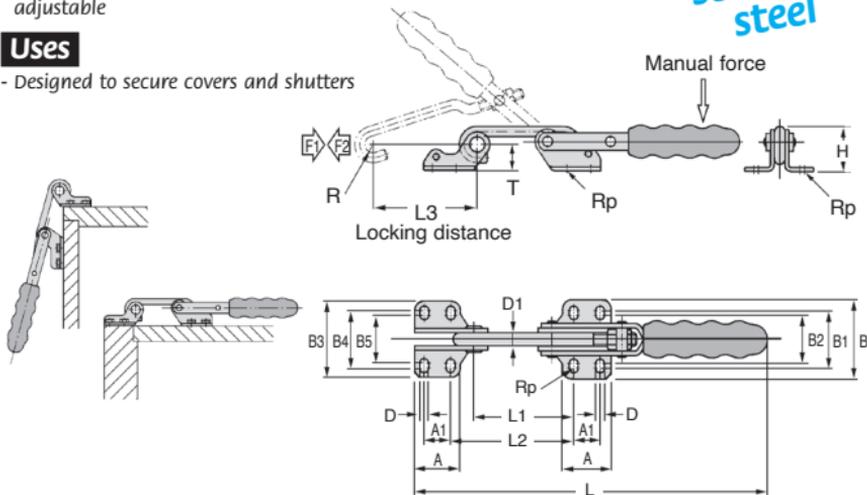
- Distance of hook from toggle clamp easily adjustable

### Uses

- Designed to secure covers and shutters



Steel or stainless steel



### DISCOUNTS

Qty	1+	6+	15+	20+
Disc.	List	-5%	-10%	On request

Size	Traction force F1 (N)	Pressure F2 (N)	Manual force (N)	Handle opening angle	L	L1	L2	Locking distance L3	A	A1
SCH-01	1500	2000	100	155°	161	45	58	70	26	13
SCH-02	3000	4000	160	155°	248	68	84	90	35	19
SCH-04	4000	7000	200	155°	310	84	104	115	51	32

Part number	Stock*		Price each 1 to 5													
	Steel	Stainless steel	Steel	StS												
SCH-0130	SCH-0130SS	39	27,0	22,2	43	31	26	5,2	6	26	6	13,5	✓	✓	56,66 €	66,07 €
SCH-0270	SCH-0270SS	52	36,0	29,0	57	41	34	6,5	8	35	7	20,0	✓	✓	83,73 €	99,85 €
SCH-0430	SCH-0430SS	72	52,5	43,5	78	59	50	8,5	12	49	10	27,0	-	-	106,05 €	208,47 €

\*Depending on availability - Dimensions in mm

### - 2 materials to choose from

#### - Materials:

SEV body: zinc plated steel

SEV/SS body: stainless steel 18.9 (303)

Handle: Oil-resistant plastic

- Supplied with anchoring base

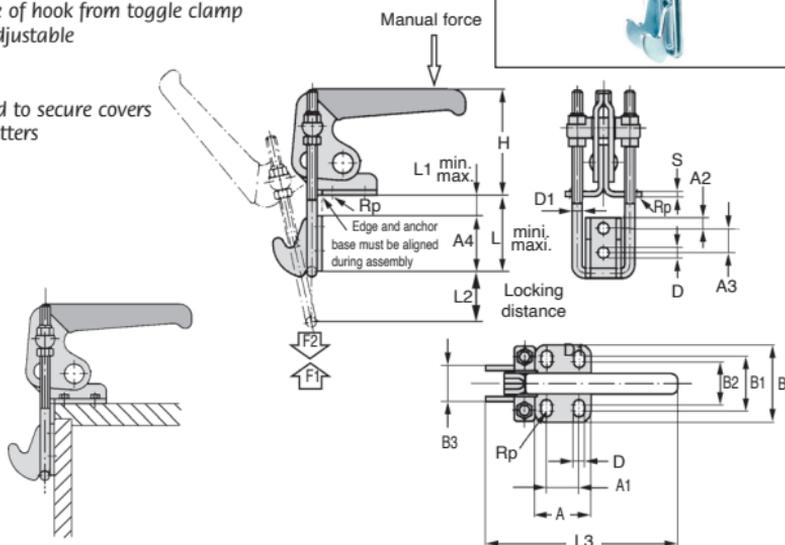
### Advantages

- Distance of hook from toggle clamp easily adjustable

### Uses

- Designed to secure covers and shutters

Steel or stainless steel



### DISCOUNTS

Qty	1+	6+	15+	20+
Disc.	List	-5%	-10%	On request

Size	Traction force F1(N)	Pressure F2(N)	Manual force (N)	Opening angle of handle	Adjustable distance L1		Locking distance L2 L3	
					Min.	Max.	Min.	Max.
SEV-01	1800	2000	100	145°	25	49	1	25 22 76
SEV-02	2700	4000	150	145°	33	60	1	28 34 115
SEV-04	4500	7000	200	145°	41	80	1	40 45 152

Part number												Price each 1 to 5				
Steel	Stainless steel	A	A1	A2	A3	A4	B	B1	B2	B3	D	D1	H	S	Steel	StS
SEV-0140	SEV-0140SS	26	13	4,5	11	24	36	24	19	16	5,2	4	42	2,5	52,74	€ 68,27
SEV-0250	SEV-0250SS	35	19	6,0	14	32	48	33	26	21	6,5	6	64	3,0	77,93	€ 96,04
SEV-0450	SEV-0450SS	51	32	8,0	19	40	64	45	36	28	8,5	8	85	4,0	130,58	€ 182,27

Dimensions in mm

### - 2 materials to choose from

#### - Materials:

**SEH** body: zinc plated steel

**SEH/SS** body: stainless steel 18.9 (303)

Handle: Oil-resistant plastic

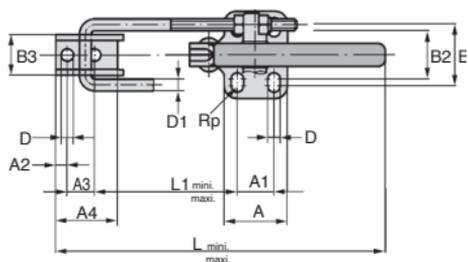
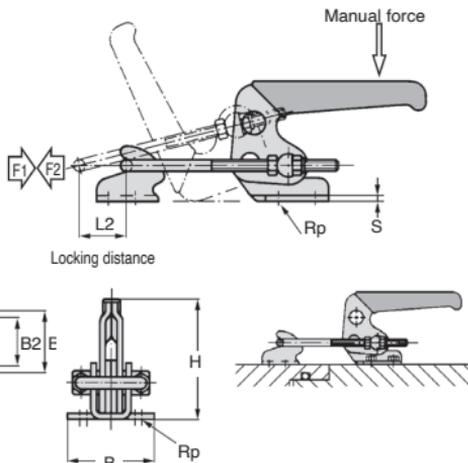
- Supplied with anchoring base

### Advantages

- Distance of hook from toggle clamp easily adjustable

### Uses

- Designed to secure covers and shutters



### DISCOUNTS

Qty.	1+	6+	15+	20+
Disc. List	-5%	-10%	On request	

Size	Traction force F1(N)	Pressure force F2(N)	Manual force (N)	Opening angle	B	B1	B2	H	Adjustable distance L		L1		Locking distance L2
									min.	max.	min.	max.	
SEH-01	1800	2000	100	120°	36	24	19	42	105	135	38	68	16
SEH-02	2700	4000	150	120°	48	33	26	64	145	185	45	85	24
SEH-04	4500	7000	200	120°	64	45	36	85	190	250	65	120	32

Part number													Price each 1 to 5	
Steel	Stainless steel	A	A1	A2	A3	A4	B3	D	D1	S	Steel	StS		
SEH-0140	SEH-0140SS	26	13	4,5	11,0	23	16	5,2	4	2,5	52,74 €	59,73 €		
SEH-0250	SEH-0250SS	35	19	6,0	14,0	32	21	6,5	6	3,0	77,93 €	89,47 €		
SEH-0450	SEH-0450SS	51	32	8,0	19,0	40	28	8,5	8	4,0	130,58 €	181,97 €		

Dimensions in mm

# Horizontal toggle clamp

## SLHHLOK

## With locking mechanism

**High quality swivel bush with horizontal foot and adjustable spindle**

Constant level of force during both opening and closing

Increased stability thanks to U-shaped clamping arm  
Fitted with automatic locking mechanism

- Materials :

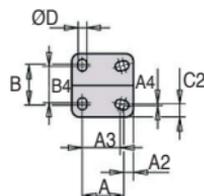
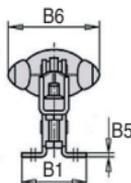
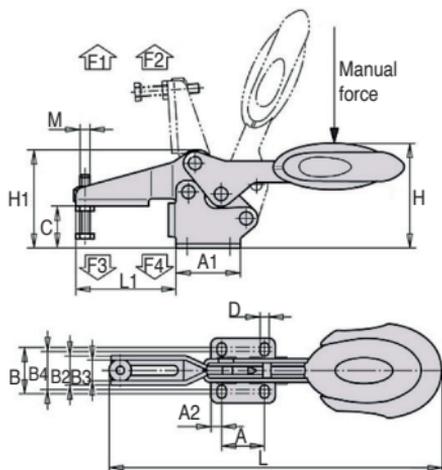
Nitro carburised steel with blackened finish

Polyamide handle

Locking mechanism TPE



Horizontal base



Hole positions

### DISCOUNTS

Qty	1+	6+	15+	20+
Disc.	List	-5%	-10%	On request

Part number	Opening angle		Manual force N	Holding force		Clamping force		H	H1	L	L1
	Holding arm	Handle		F1 (N)	F2 (N)	F3 (N)	F4 (N)				
SLHH-6/LOK	87°	68°	160	1350	1900	720	1200	63,3	59,5	193,3	60,5
SLHH-8/LOK	86°	66°	200	2000	2800	830	1400	73,9	70	230,3	74,9
SLHH-10/LOK	90°	71°	250	2200	4500	1200	2800	94,8	87,9	286	103,9
SLHH-12/LOK	88°	68°	280	2400	5500	1000	2800	104,9	101,6	321,3	122

Part number	M	A	A1	A2	A3	A4	B	B1	B2	B3	B4	B5	B6	C	C2	ØD	Price each
																	1 to 5
SLHH-6/LOK	M6x35	26	39	6,5	-	-	28	39	17,5	12,4	24,6	53,4	53,4	25,5	-	5,5	72,60 €
SLHH-8/LOK	M8x45	26	44	9	-	-	31	45	21	15,7	26,1	51,1	51,1	32,2	-	6,2	73,90 €
SLHH-10/LOK	M10x55	41,5	59	9	-	-	43	59	26	18,7	39	56,5	56,5	40	-	8,8	99,13 €
SLHH-12/LOK	M12x70	44	65	10	40	1	42	67	28	20,9	40	56,5	56,5	52,3	13,5	8,5	103,39 €

Dimensions in mm

# Horizontal toggle clamp

With locking mechanism

SLHV<sub>LOK</sub>

**High quality swivel bush with horizontal foot and adjustable spindle**

Constant level of force during both opening and closing

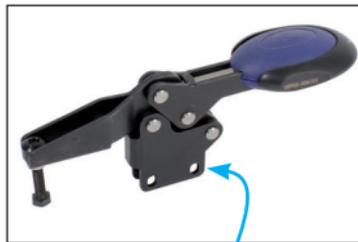
Increased stability thanks to U-shaped clamping arm  
Fitted with automatic locking mechanism

-Material :

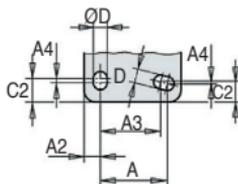
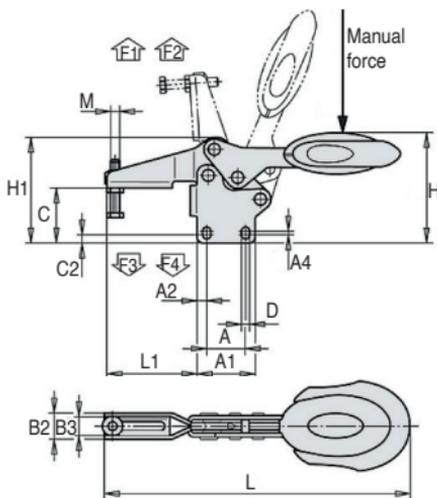
Nitro carburised steel with blackened finish

Polyamide handle

Locking mechanism TPE



Vertical base



Hole positions

## DISCOUNTS

Qty	1+	6+	15+	20+
Disc.	List	-5%	-10%	On request

Part number	Opening angle		Manual force N	Holding force		Clamping force		H	H1	L	L1
	Holding arm	Handle		F1 (N)	F2 (N)	F3 (N)	F4 (N)				
SLHV-6/LOK	87°	68°	160	1350	1900	720	1200	74,3	71	193,7	60,5
SLHV-8/LOK	86°	66°	200	2000	2800	830	1400	88,3	84,4	230,3	74,9
SLHV-10/LOK	90°	71°	250	2200	4500	1200	2800	114,4	107,5	286,4	103,9
SLHV-12/LOK	88°	68°	280	2400	5500	1000	2800	128,5	125,2	321,3	122

Part number	M	A	A1	A2	A3	A4	B	B1	B2	B3	B6	C	C2	ØD	Price each
															1 to 5
SLHV-6/LOK	M6x35	26	39	6,5	-	2,5	14,1	9,1	17,5	12,4	53,4	37	5,5	5,5	72,60 €
SLHV-8/LOK	M8x45	26	44	9	-	3,5	14,1	9,1	21	15,7	51,1	46,5	7	6,2	73,90 €
SLHV-10/LOK	M10x55	41,5	59	9	-	2	16,2	9,2	26	18,7	56,5	59,6	8	8,8	99,13 €
SLHV-12/LOK	M12x70	44	65	10	40	1	16,2	9,2	28	20,9	56,5	75,9	13,5	8,5	103,39 €

Dimensions in mm

# Vertical toggle clamp

## SLVH<sub>LOK</sub>

## With locking mechanism

### High quality swivel bush with vertical foot and adjustable spindle

Constant level of force during both opening and closing

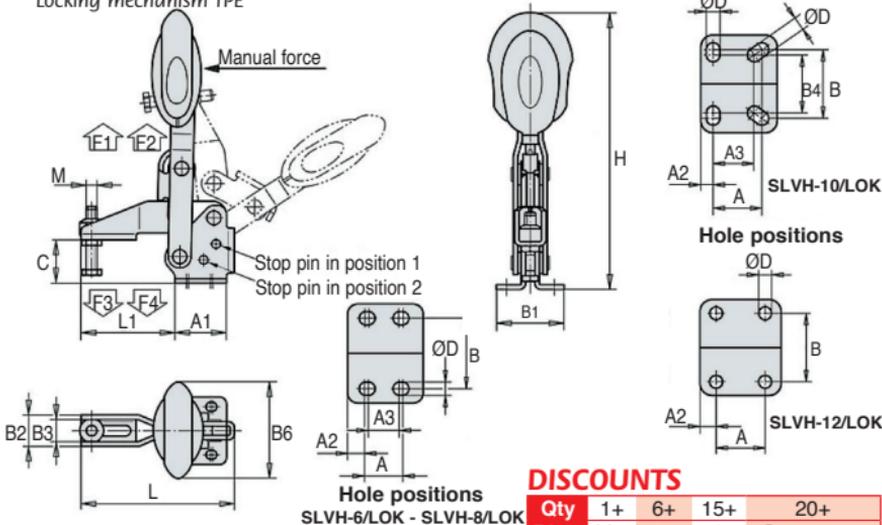
Increased stability thanks to U-shaped clamping arm  
Fitted with automatic locking mechanism

- Material :

Nitro carburised steel with blackened finish

Polyamide handle

Locking mechanism TPE



Part number	Opening angle (holding arm)			Opening angle (Handle)			Manual force (N)	Holding force		Clamping force	
	Pos. 1	Pos. 2	Stop pin removed	Pos. 1	Pos. 2	Stop pin removed		F1 (H)	F2 (H)	F3 (H)	F4 (H)
SLVH-6/LOK	56°	83°	156°	46°	56°	84°	160	1350	1650	920	1050
SLVH-8/LOK	13°	93°	157°	26°	61°	86°	190	2000	2800	940	1350
SLVH-10/LOK	6°	97°	175°	19°	59°	91°	250	2500	4500	1500	2800
SLVH-12/LOK	11°	88°	163°	24°	60°	91°	280	3000	5500	1400	2800

Part number	M	A	A1	A2	A3	B	B1	B2	B3	B4	B6	C	ØD	H	L	L1	Price each 1 to 5
SLVH-6/LOK	M6x35	14	29	7	12	27	38	17,5	12,4	-	53,4	24,7	5,5	162,9	86,5	53	70,38 €
SLVH-8/LOK	M8x45	21	39	9	19	32	45	20,6	15,5	-	51,1	32,7	6,8	191,4	107	62	73,44 €
SLVH-10/LOK	M10x55	32	50	8	27	45	64	25,5	18,4	38	56,5	38,7	9	230,5	153	95	100,63 €
SLVH-12/LOK	M12x70	32	53	10,5	-	45	63	28	20,9	-	56,5	46,7	8,8	249,1	173,5	113,5	104,03 €

Dimensions in mm

# Vertical toggle clamp

**With locking mechanism** SLVV<sub>LOK</sub>

## High quality swivel bush with vertical foot and adjustable spindle

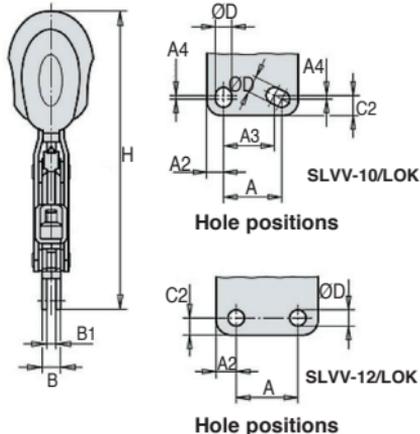
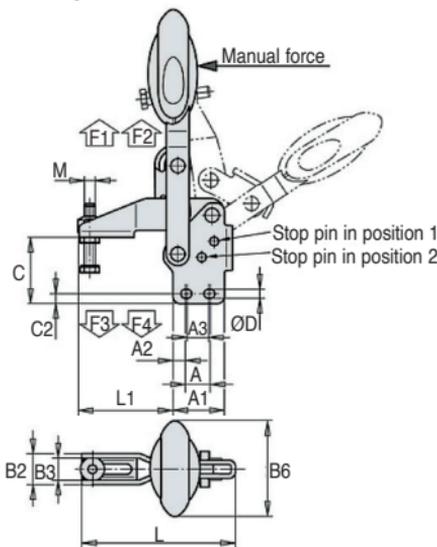
Constant level of force during both opening and closing  
Increased stability thanks to U-shaped clamping arm  
Fitted with automatic locking mechanism

- Material :

Nitro carburised steel with blackened finish

Polyamide handle

Locking mechanism TPE



## DISCOUNTS

Qty	1+	6+	15+	20+
Disc.	List	-5%	-10%	On request

Part number	Opening angle (Holding arm)			Opening angle (Handle)			Manual force (N)	Holding force		Clamping force	
	Pos. 1	Pos. 2	Stop pin removed	Pos. 1	Pos. 2	F1 (N)		F2 (N)	F3 (N)	F4 (N)	
SLVV-6/LOK	56°	83°	156°	46°	56°	160	1350	1650	920	1050	
SLVV-8/LOK	13°	93°	157°	26°	61°	190	2000	2800	940	1350	
SLVV-10/LOK	6°	97°	175°	19°	59°	250	2500	4500	1500	2800	
SLVV-12/LOK	11°	88°	163°	24°	60°	280	3000	5500	1400	2800	

Part number	M	A	A1	A2	A3	A4	B	B1	B2	B3	B6	C	C2	ØD	H	L	L1	Price each 1 to 5
SLVV-6/LOK	M6x35	14	29	7	12	-	10,2	5,2	17,5	12,4	53,4	37,6	5,5	5,5	175,7	86,5	53	70,38 €
SLVV-8/LOK	M8x45	21	39	9	19	-	10,2	5,2	20,6	15,5	51,1	49	6,5	6,8	207,6	107	62	73,44 €
SLVV-10/LOK	M10x55	32	50	8	27	3,5	14,1	7,1	25,5	18,4	56,5	62,3	13	9	254	153	95	100,63 €
SLVV-12/LOK	M12x70	32	53	10,5	-	-	14,1	7,1	28	20,9	56,5	69,8	9	8,8	271,9	173,5	113,5	104,03 €

Dimensions in mm

# Nut for toggle clamps

## SLH-M

## Round ended nut

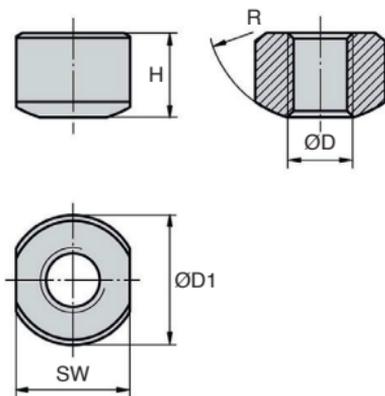
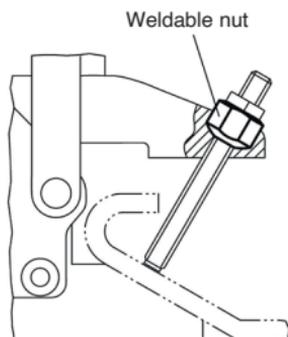
- Nut for toggle clamps

- Material : steel

- Finish : oxidised

### Advantage

- Nut can be welded



### DISCOUNTS

Qty	1+	6+	15+	20+
Disc.	List	-5%	-10%	On request

Part number	ØD	H	ØD1	SW	R	Price each
						1 to 5
SLH-M4	M4	5,2	8	7	7	3,36 €
SLH-M5	M5	6,7	10	9	9	3,55 €
SLH-M6	M6	9,5	13,5	12,2	10	3,89 €
SLH-M8	M8	12,8	18	15,3	12	4,44 €
SLH-M10	M10	12,1	20	18,2	14	4,74 €
SLH-M12	M12	14,8	23	20	16	5,14 €

Dimensions in mm

# Locking toggle clamps

## Quick clamping - solid mounting

**Durable and reliable:** More reliable, more user-friendly and safer. These clamps are quick to use, reliable and accurate. The use of high quality materials ensures a long working life.

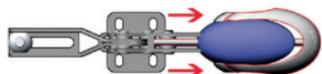
### Advantages

- **Extremely tough** : All models will withstand 300,000 clamping cycles without problems
- **Durable**: high quality scratch resistant hinge pin
- **Extremely robust** : tCorrosion-resistant NITROX coating
- **Easy to use**: The fixed headed nut facilitates spindle adjustment
- **Reliable**: Constant level of force during both opening and closing
- **Ideal where space is restricted**: The slim design allows sufficient space for safe operation
- **Robust by design**: Thanks to use of U-shaped conical clamping arm
- **Safe to use**: No sharp edges prevent risk of anything getting trapped
- **Quick to put into operation**: Can be easily modified thanks to a wide range of accessories
- **Ergonomic design**: Easy to operate whilst wearing work gloves
- **Reflection free finish**: Suitable for use around lasers
- **Risk free use**: With increased space between clamping arm and handle avoids risks of squashing
- **Extremely adaptable**: Rectangular mounting holes allows installation on existing fixing points
- **Efficient clamping and locking**: The integrated design avoids any risks of squashing. Easy to use even whilst wearing gloves.

### Locking mechanism - Principal of operation:



1. Locked in closed position. Redesigned handle ensures safe operation as the smooth contours avoid any risk of anything being trapped.



2. Inner locking mechanism with automatic safety catch. The lock is released by pulling the handle.



3. Locked in open position. Releasing the handle engages the locking mechanism.

