

Features

Max. tensile strength 3.700 N, working load 2.600 N.

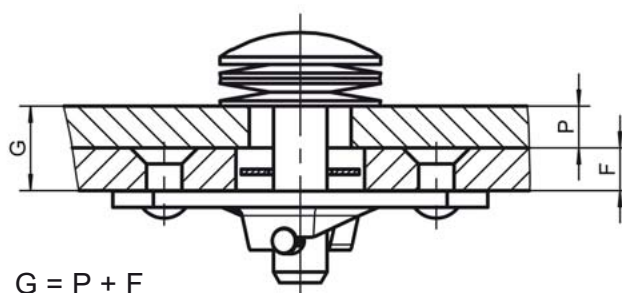
Small fastener giving high tensile load.

Flat receptacle.

High preload.

Selection Instructions

1. Select stud assembly and receptacle, page E-2 to E-4 and E-6.
2. Select retaining washer, page E-5.
3. Select stud length number from total thickness G using the formula and table below (e.g. 50E8-*AGV).



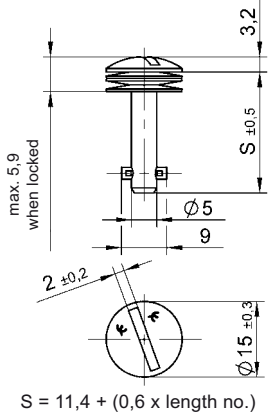
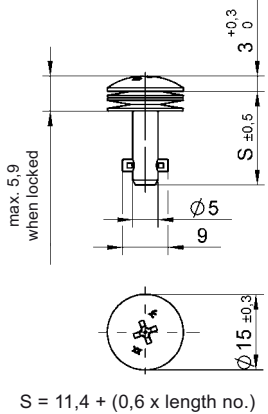
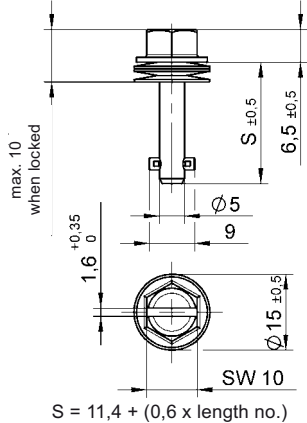
Stud Length Table

Total Thickness G	Stud Length No.
0,50 - 1,10	2
1,10 - 1,70	3
1,70 - 2,30	4
2,30 - 2,90	5
2,90 - 3,50	6
3,50 - 4,10	7
4,10 - 4,70	8
4,70 - 5,30	9
5,30 - 5,90	10
5,90 - 6,50	11
6,50 - 7,10	12
7,10 - 7,70	13
7,70 - 8,30	14
8,30 - 8,90	15
8,90 - 9,50	16
9,50 - 10,10	17
10,10 - 10,70	18

Total Thickness G	Stud Length No.
10,70 - 11,30	19
11,30 - 11,90	20
11,90 - 12,50	21
12,50 - 13,10	22
13,10 - 13,70	23
13,70 - 14,30	24
14,30 - 14,90	25
14,90 - 15,50	26
15,50 - 16,10	27
16,10 - 16,70	28
16,70 - 17,30	29
17,30 - 17,90	30
17,90 - 18,50	31
18,50 - 19,10	32
19,10 - 19,70	33
19,70 - 20,30	34
20,30 - 20,90	35

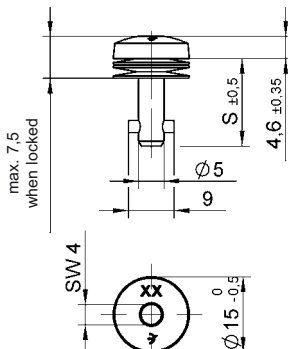
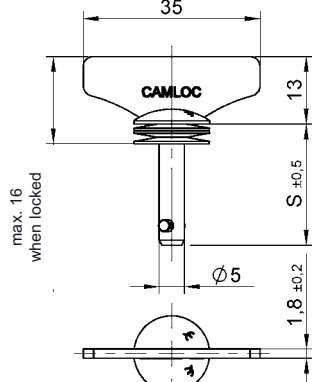
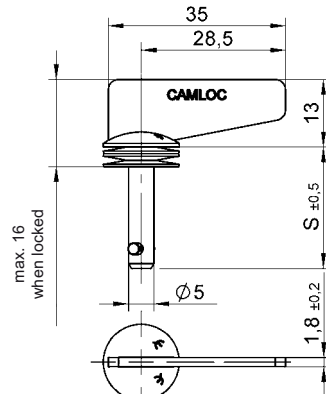
Other lengths on request.

■ Preferred dash-lengths

Style	Dimensions	Materials / Finish	°C	Part No.
Slotted Recess Head 	 <p>$S = 11,4 + (0,6 \times \text{length no.})$</p>	Steel / zinc-plated, CrVI-free, clear passivation Stainless steel ¹⁾	120 200	50E8-*AGV 50E8-*S
Cross Recess Head 	 <p>$S = 11,4 + (0,6 \times \text{length no.})$</p>	Steel / zinc-plated, CrVI-free, clear passivation	120	50E71-*AGV
Hex Head Slotted Recess 	 <p>$S = 11,4 + (0,6 \times \text{length no.})$</p>	Steel / zinc-plated, CrVI-free, clear passivation	120	50E91-*AGV

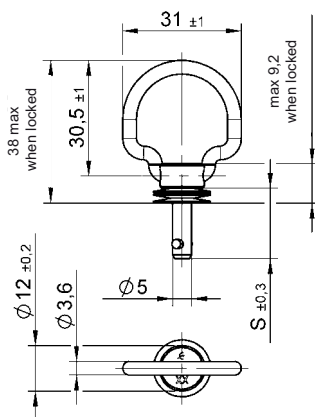
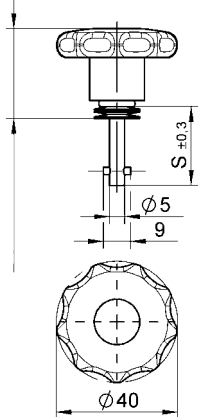
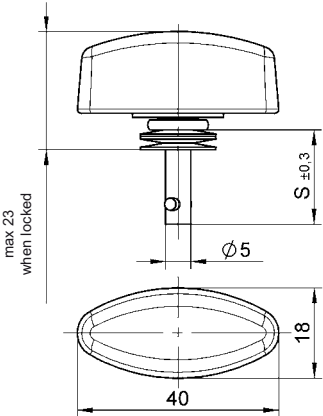
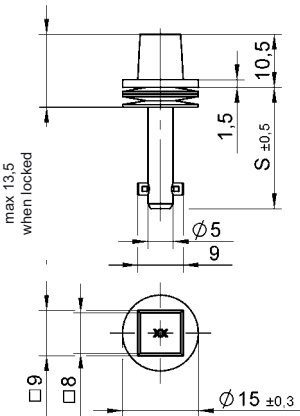
* Length no. from Table, page E-1.

¹⁾Max. tensile strength 2.600 N, working load 1.700 N.

Style	Dimensions	Materials / Finish	°C	Part No.
Hex Recess Head 	 <p>$S = 11,4 + (0,6 \times \text{length no.})$</p>	Steel / zinc-plated, CrVI-free, clear passivation	120	50E61-*AGV
Fixed Wing Head 	 <p>$S = 11,4 + (0,6 \times \text{length no.})$</p>	Steel / zinc-plated, CrVI-free, clear passivation Stainless steel ¹⁾	120 200	50E8-*WAGV 50E8-*WS
Offset Fixed Wing Head 	 <p>$S = 11,4 + (0,6 \times \text{length no.})$</p>	Steel / zinc-plated, CrVI-free, clear passivation	120	50E8-*W0AGV

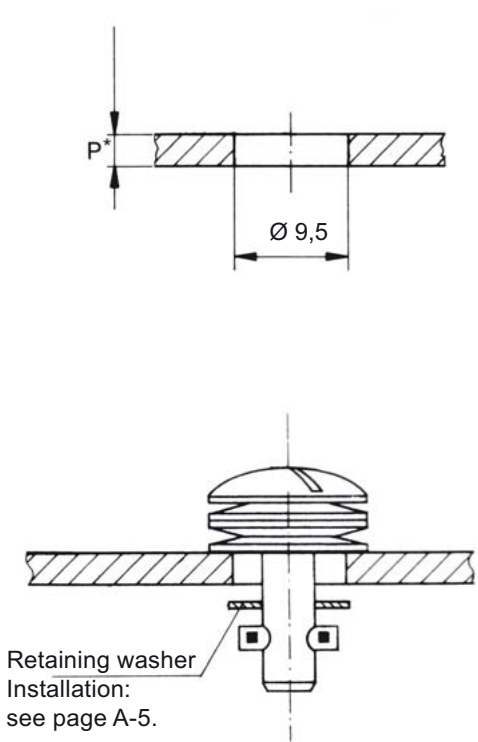
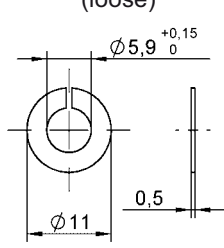
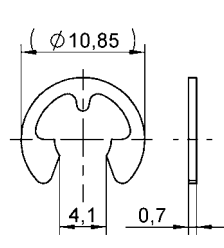
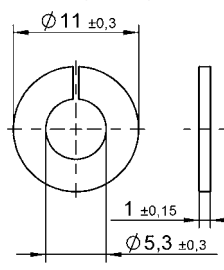
* Length no. from Table, page E-1.

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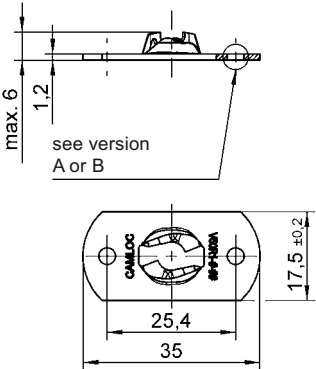
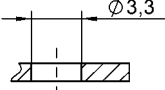
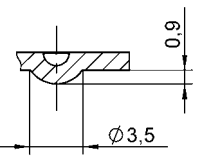
Style	Dimensions	Materials / Finish	°C	Part No.
Folding Bail Handle 180° 		Steel / zinc-plated, CrVI-free, clear passivation	120	50E19-*AGV
Star Form Head 		Steel / zinc-plated, CrVI-free, clear passivation with plastic knob (PA 6) Stainless steel ¹⁾ with plastic knob	-40 up to +60 -40 up to +60	50E81-*AGV 50E81-*CP
Wing Head 		Steel / zinc-plated, CrVI-free, clear passivation with plastic knob (PA 6) Stainless steel ¹⁾ with plastic knob	-40 up to +60 -40 up to +60	50E83-*AGV 50E83-*CP
Square Head 		Steel / zinc-plated, CrVI-free, clear passivation	120	50E7-*AGV

* Length no. from Table, page E-1.

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Installation Dimensions	Accessories	Material / Finish	Part No.
 <p>Retaining washer Installation: see page A-5.</p>	<p>Retaining washer (loose)</p> 	Stainless steel	4002-SW-SS
	<p>Retaining washer (fixed)</p> 	Stainless steel	50E2-3BP
	<p>Retaining washer (loose)</p> 	<p>Plastic (PA6) / natural colour</p> <p>Working temperature: -40°C + 120°C</p> <p>ADVANTAGE: Plastic retaining washer to be assembled without tooling.</p>	50W204-01K

*For P up to 2 mm Ø 8 ^{+0,2} for installation without retaining washer

Style	Dimensions	Materials / Finish	°C	Part No.
Rivet- / Screw or Weld Mounting 	 Version A Rivet/Screw Mounting  Version B Welding 	Rivet / Screw Mounting Steel / zinc-plated, CrVI-free, clear passivation	120	V50R1-1-1AGV
		Stainless steel	200	V50R1-1-1BP
		Welding Steel / zinc-plated	-	V50R1-1-2AZ
		Steel / oil coated	-	V50R1-1-2AR

Receptacle Installation Instructions

Installation Dimensions
Rivet- / Screw or Weld Mounting 