

Features

Max. tensile strength 1.330 N, working load 900 N.

Small fastener giving a high tensile load.

Wide range of stud head styles and receptacles.

Selection Instructions

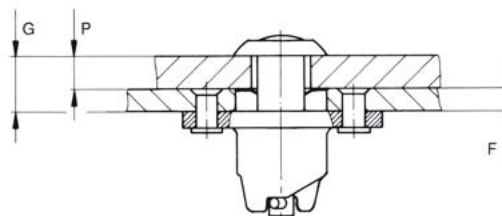
1. Select stud assembly and receptacle, page F-3 up to F-5, F-7 up to F-10.
2. Select stud accessories (retaining washer, gasket), page F-6 and F-7.
3. Select hex nut for receptacle, if necessary, page F-11.
4. Select stud length number from total thickness G using the formula and table on page F-2 (e.g. V26S01-*AGV).

Determining the stud length number when using receptacle:

Type 1 + 3*

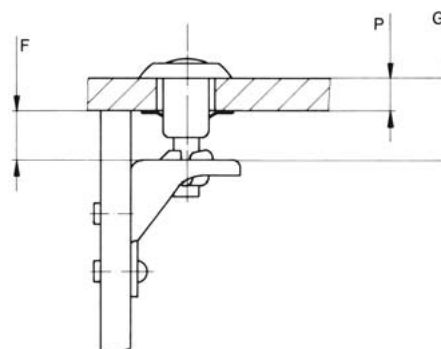
$$G = P + F$$

* For Type 3: G = 9,9 mm min.



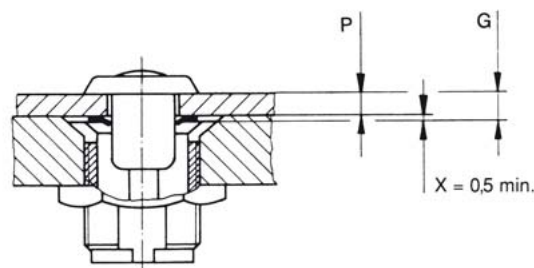
Type 2

$$G = P + F \text{ (0,75 min.)}$$



Type 4

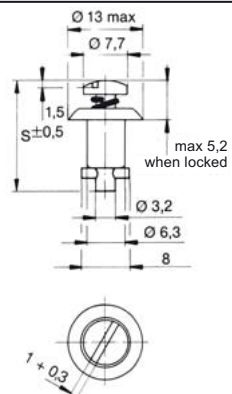
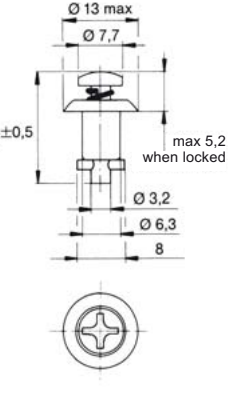
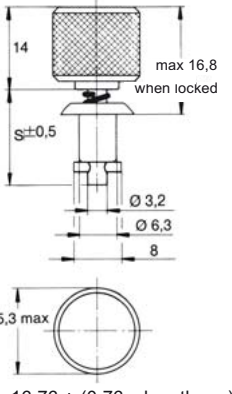
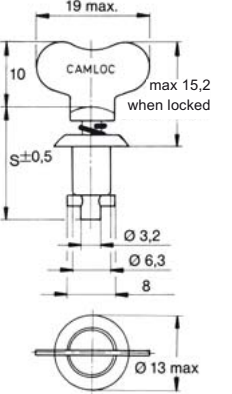
$$G = P + X \text{ (0,5 min.)}$$



Total Thickness G	Stud Length No. When Using Type 1 Receptacles	Total Thickness G	Stud Length No. When Using Type 2 + 4 Receptacles	Total Thickness G	Stud Length No. When Using Type 3 Receptacles
0,75 - 1,50	1	0,75 - 1,50	2	9,90 - 10,65	1
1,50 - 2,30	2	1,50 - 2,30	3	10,65 - 11,40	2
2,30 - 3,05	3	2,30 - 3,05	4	11,40 - 12,20	3
3,05 - 3,80	4	3,05 - 3,80	5	12,20 - 12,95	4
3,80 - 4,60	5	3,80 - 4,60	6	12,95 - 13,70	5
4,60 - 5,35	6	4,60 - 5,35	7	13,70 - 14,50	6
5,35 - 6,10	7	5,35 - 6,10	8	14,50 - 15,25	7
6,10 - 6,85	8	6,10 - 6,85	9	15,25 - 16,00	8
6,85 - 7,60	9	6,85 - 7,60	10	16,00 - 16,75	9
7,60 - 8,40	10	7,60 - 8,40	11	16,75 - 17,50	10
8,40 - 9,15	11	8,40 - 9,15	12	17,50 - 18,30	11
9,15 - 9,90	12	9,15 - 9,90	13	18,30 - 19,05	12
9,90 - 10,65	13	9,90 - 10,65	14	19,05 - 19,80	13
10,65 - 11,40	14	10,65 - 11,40	15	19,80 - 20,60	14
11,40 - 12,20	15	11,40 - 12,20	16	20,60 - 21,35	15
12,20 - 12,95	16	12,20 - 12,95	17	21,35 - 22,10	16
12,95 - 13,70	17	12,95 - 13,70	18	22,10 - 22,85	17
13,70 - 14,50	18	13,70 - 14,50	19	22,85 - 23,60	18
14,50 - 15,25	19	14,50 - 15,25	20	23,60 - 24,40	19
15,25 - 16,00	20	15,25 - 16,00	21	24,40 - 25,15	20
16,00 - 16,75	21	16,00 - 16,75	22	25,15 - 25,90	21
16,75 - 17,50	22	16,75 - 17,50	23	25,90 - 26,65	22
17,50 - 18,30	23	17,50 - 18,30	24	26,65 - 27,40	23
18,30 - 19,05	24	18,30 - 19,05	25	27,40 - 28,20	24
19,05 - 19,80	25	19,05 - 19,80	26	28,20 - 28,95	25
19,80 - 20,60	26	19,80 - 20,60	27	28,95 - 29,70	26
20,60 - 21,35	27	20,60 - 21,35	28	29,70 - 30,50	27
21,35 - 22,10	28	21,35 - 22,10	29	30,50 - 31,25	28
22,10 - 22,85	29	22,10 - 22,85	30	31,25 - 32,00	29
22,85 - 23,60	30	22,85 - 23,60	31	32,00 - 32,75	30
23,60 - 24,40	31	23,60 - 24,40	32	32,75 - 33,50	31
24,40 - 25,15	32	24,40 - 25,15	33	33,50 - 34,30	32
25,15 - 25,90	33	25,15 - 25,90	34	34,30 - 35,05	33
25,90 - 26,65	34	25,90 - 26,65	35	35,05 - 35,80	34
26,65 - 27,40	35	26,65 - 27,40	36	35,80 - 36,60	35
27,40 - 28,20	36	27,40 - 28,20	37	36,60 - 37,35	36
28,20 - 28,95	37	28,20 - 28,95	38	37,35 - 38,10	37
28,95 - 29,70	38	28,95 - 29,70	39	38,10 - 38,85	38
29,70 - 30,50	39	29,70 - 30,50	40	38,85 - 39,60	39
30,50 - 31,25	40	29,70 - 30,50	40	39,60 - 40,40	40

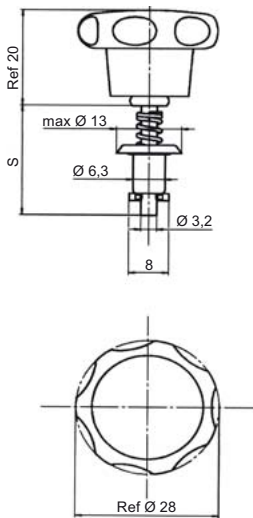
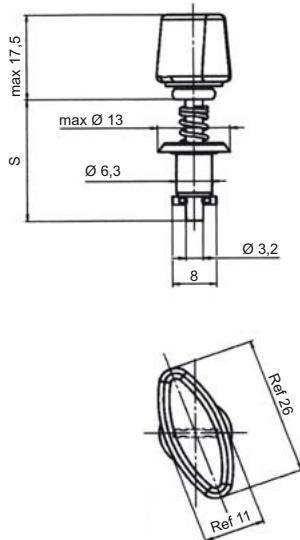
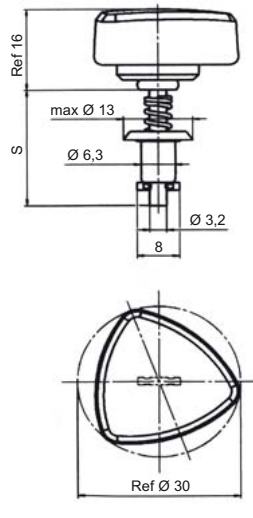
Other lengths on request.

■ Preferred dash-lengths

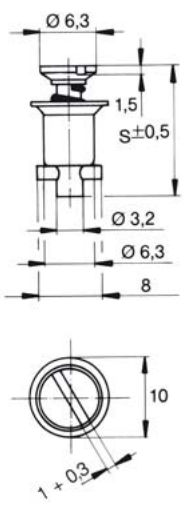
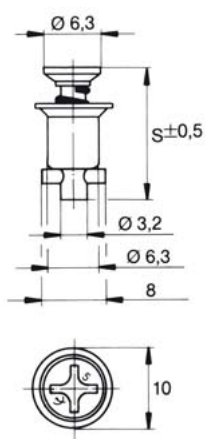
Style	Dimensions	Materials / Finish	°C	Part No.
Slotted Recess Pan Head 	 <p>$S = 18,54 + (0,76 \times \text{length no.})$</p>	Steel / zinc-plated, CrVI-free, clear passivation Steel / chrome-plated Stainless steel ¹⁾ Steel / nickel-plated	120 120 200 120	V26S01-*AGV 26S38-* 2600-*S 26S42-*
Cross Recess Pan Head 	 <p>$S = 18,54 + (0,76 \times \text{length no.})$</p>	Steel / zinc-plated, CrVI-free, clear passivation Steel / nickel-plated Stainless steel ¹⁾	120 120 200	V26S02-*AGV 26S39-* 26S51-*
Knurled Head 	 <p>$S = 16,76 + (0,76 \times \text{length no.})$</p>	Steel / chrome-plated	120	26S34-*
Fixed Wing Head 	 <p>$S = 18,54 + (0,76 \times \text{length no.})$</p>	Steel / zinc-plated, CrVI-free, clear passivation Stainless steel ¹⁾	120 200	V26S04-*AGV 2600-*SW

* Length no. from Table, page F-2.

¹⁾ Max. Tensile strength 1.000 N, working load 700 N.

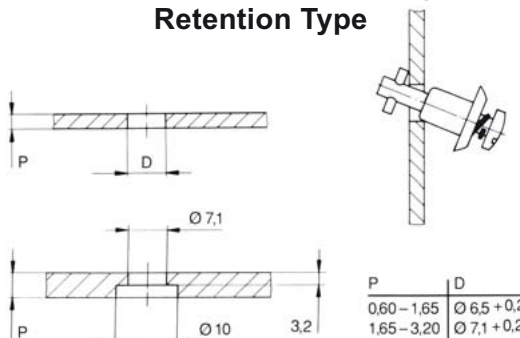
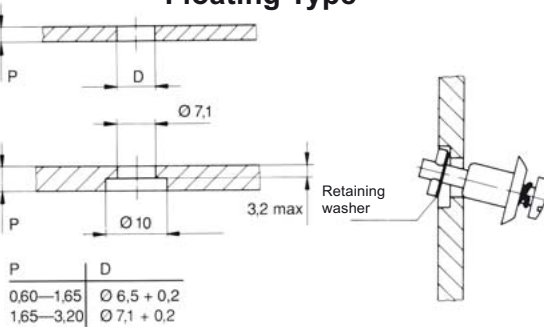
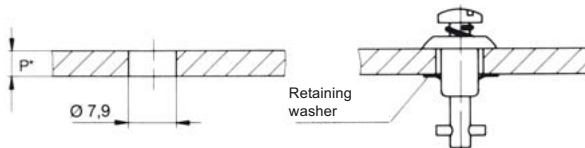
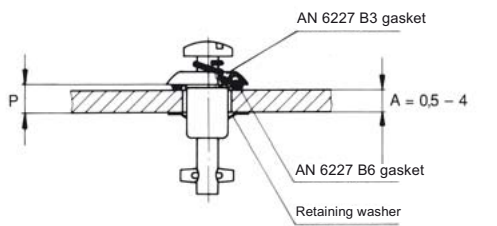
Style	Dimensions	Materials / Finish	°C	Part No.
Star Form Head 		Steel / zinc-plated, CrVI-free, clear passivation with plastic knob (PA6) Note: Not to be used with encapsulated receptacles	-40 up to +60	V26S06- *AGV
Wing Head 		Steel / zinc-plated, CrVI-free, clear passivation with plastic knob (PA6) Note: Not to be used with encapsulated receptacles	-40 up to +60	V26S07- *AGV
Triangular Head 		Steel / zinc-plated, CrVI-free, clear passivation with plastic knob (PA6) Note: Not to be used with encapsulated receptacles	-40 up to +60	V26S08- *AGV

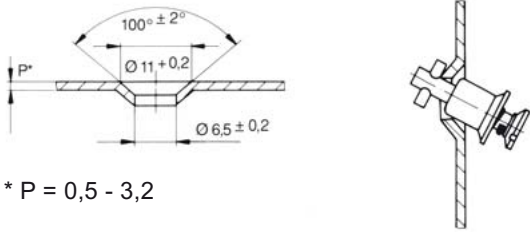
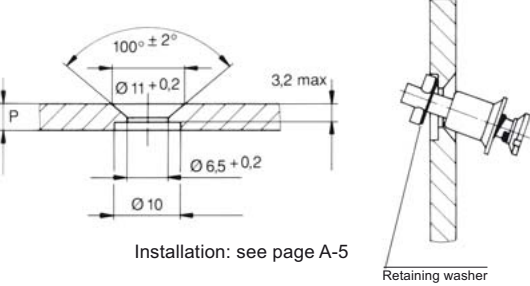
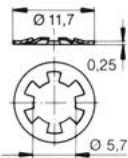
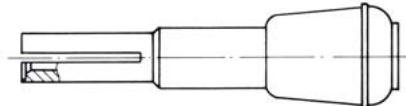
* Length no. from Table, page F-2.

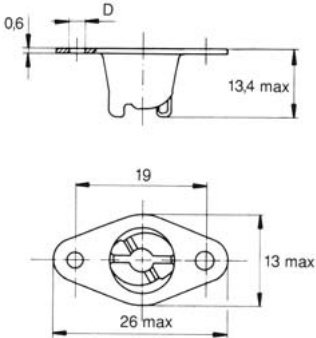
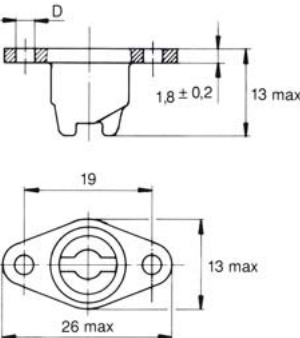
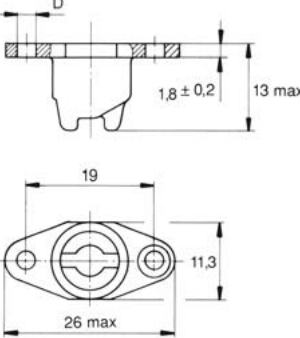
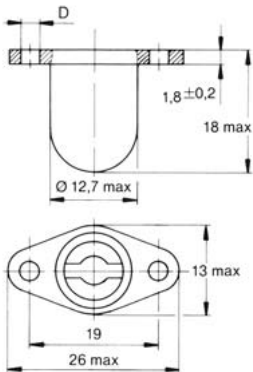
Style	Dimensions	Materials / Finish	°C	Part No.
Slotted Recess Flush Head 	 <p>$S = 14,73 + (0,76 \times \text{length no.})$</p>	Steel / zinc-plated, CrVI-free, clear passivation Stainless steel ¹⁾	120 200	V27S01-*AGV 2700-*S
Cross Recess Flush Head 	 <p>$S = 14,73 + (0,76 \times \text{length no.})$</p>	Steel / zinc-plated, CrVI-free, clear passivation	120	V27S02-*AGV

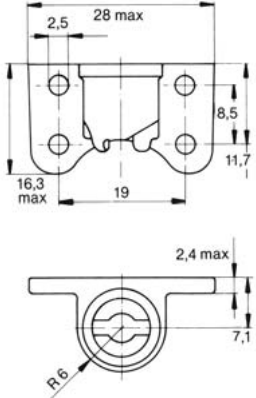
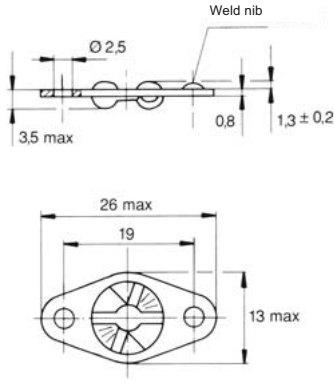
* Length no. from Table, page F-2.

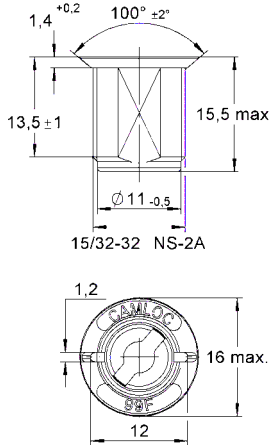
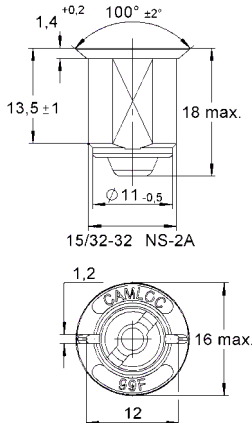
¹⁾ Max. Tensile strength 1.000 N, working load 700 N.

Installation Dimensions	Accessories	Material / Finish	Part No.
<div>Stud Retention without Retaining Washer, Retention Type</div> <div></div> <div>4P3-1 installation pliers, see page F-7.</div>	-	- Note: Dash "4" stud and smaller are self-captivating	-
<div>Stud Retention without Retaining Washer, Floating Type</div> <div></div> <div>4P3-1 installation pliers, see page F-7.</div>	Retaining washer	Stainless steel Note: Retaining rings are required for stud length dash numbers "5" and up	2600-SW
<div>Stud Retention with Retaining Washer, Fixed Spring Cup</div> <div></div> <div>*P = 0,5 - 4,75</div> <div>4P3-1 installation pliers, see page F-7.</div>	Retaining washer	Stainless steel Not for chrome-plated parts	V2600-LW-7
<div>Sealed (for 2600 series with panhead only)</div> <div></div> <div>P = A + 0,75</div> <div>T98-1 installation tool, page F-6. Installation see page A-5.</div> <div>4P3-1 installation pliers, see page F-7.</div>	Gaskets	Rubber (100°C) Rubber (100°C)	AN6227-B6 AN6227-B3

Installation Dimensions	Accessories	Material / Finish	Part No.
<p>Stud Retention without a Retaining Washer, Retention Type</p>  <p>* P = 0,5 - 3,2</p> <p>Installation tool see below</p>	-	-	-
<p>Stud Retention without a Retaining Washer, Floating Type</p>  <p>Installation: see page A-5</p> <p>Installation tool see below</p>	Retaining washer	Stainless steel	2600-SW
<p>Stud Retention with a Retaining Washer, Fixed Spring Cup</p>  <p>Installation: see page A-5</p> <p>Installation tool see below</p>	Retaining washer	Stainless steel	V2600-LW-7
	 	Steel / nickel-plated	V27W01-1AN
	Stud Installation pliers		4P3-1
	V2600-LW-7 retaining washer installation tool		T98-1

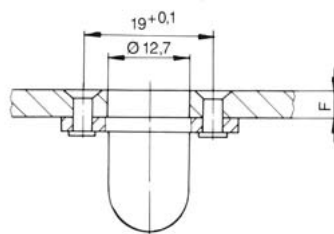
Style	Dimensions	Materials / Finish	D	°C	Part No.
Type 1 Lightweight 		Steel / zinc-plated, CrVI-free, clear passivation	2,6	120	V26R6-1AGV
Type 1 Cast 		Hard bronze / zinc-plated, CrVI-free, clear passivation Hard bronze / zinc-plated, CrVI-free, clear passivation Stainless steel	2,5 3,3 2,5	120 120 200	V212-12-1FGV V212-12-2FGV 212-12S
Type 1 Narrow Width 		Hard bronze / zinc-plated, CrVI-free, clear passivation	2,5	120	V212-12N-1FGV
Type 1 Encapsulated 		Hard bronze / zinc-plated, CrVI-free, clear passivation Capsule: Steel / zinc-plated, CrVI-free, clear passivation Stainless steel	2,5 2,5	120 150	26R16-1FGV 26R18-1-1AA

Style	Dimensions	Materials / Finish	°C	Part No.
Type 2 Side Mounting 		Aluminium / anodized	175	26R1-1
Type 3 Rivet / Screw or Weld Mounting 		Rivet / Screw Mounting Steel / zinc-plated, CrVI-free, clear passivation Stainless steel Welding Stainless steel	120 200 -	V312-12AGV 312-12S 312-12WS

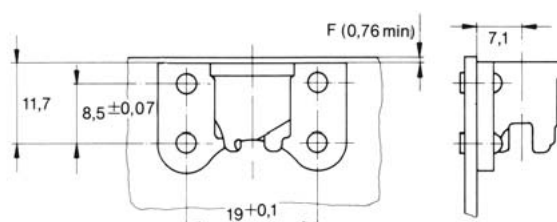
Style	Dimensions	Materials / Finish	°C	Part No.
Type 4 Single Hole Mounting 		Zinc die cast / zinc-plated, CrVI-free, clear chromate	100	99R10-01A1
Type 4 Single Hole Mounting Encapsulated 		Zinc die cast / zinc-plated, CrVI-free, clear chromate Capsule: Stainless steel	100	99E10-01

Installation Dimensions

Type 1 + 3 Receptacles Hole Pattern

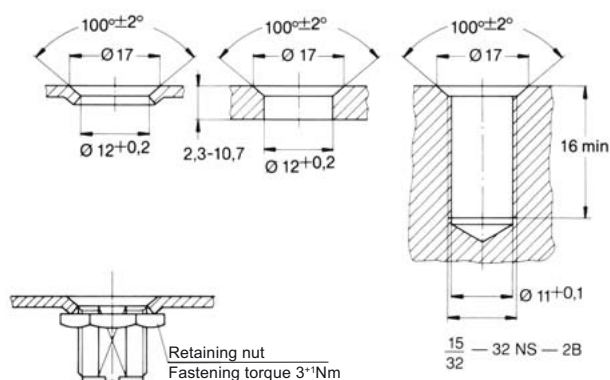


Type 2 Receptacle Hole Pattern (Side Mounting)



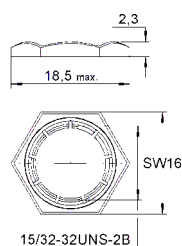
Installation Dimensions

Installation Options Type 4 Receptacle



Accessories

Retaining nut



Tap

Materials /
Finish

Steel / zinc-plated,
CrVI-free,
clear chromate

Part No.

99N10-01A1

**15/32-32NS-
2B**