





**Clamp Body**  
Profiled Inside Surface with Tension Clearance

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**Clamp Body**  
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**Elongated Weld Plate for Single Clamps**  
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**Elongated Weld Plate for Double Clamps**  
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**Clamp Assemblies**

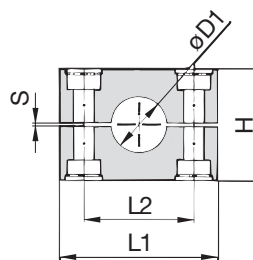
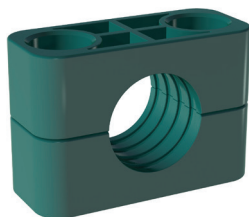
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B



**Clamp Body - Profiled Design**

Profiled Inside Surface with Tension Clearance



**B**

**Ordering Codes**

**Clamp Body**

**\*3\*006-\*PP**

One clamp body is consisting of two clamp halves.

- \* 1<sup>st</sup> part of STAUFF Group **3**
- \* Exact outside diameter Ø D1 (mm) **006**
- \* Material code (see below) **PP**

**Standard Materials**



**Polypropylene**  
Colour: Green  
Material code: **PP**



**Polypropylene**  
Colour: Black  
Material code: **PP-BK**



**Polyamide**  
Colour: Black  
Material code: **PA**



**Thermoplastic Elastomer (87 Shore-A)**  
Colour: Black  
Material code: **SA87**



**Aluminium**  
Colour: Self-Colour  
Material code: **AL**

See pages 178 / 179 for material properties and technical information.

**Special Materials**

Please contact STAUFF for further details on fire-proof clamp body materials, tested and approved according to several international fire-protection standards (such as BS 6853, EN 45545-2, UL 94 and many more).

See pages 180 / 181 for material properties and technical information.

**Product Features**

- Proven, tested and trusted product in various markets
- Recommended for the safe installation of rigid pipes and tubes
- Available for all commonly used pipe and tube outside diameters
- Environmental protection due to vibration/noise reducing design
- Excellent weathering resistance, even under extreme conditions

Group	STAUFF	DIN	Outside Diameter		Nominal Bore		Ordering Codes (2 Clamp Halves) (* = Material)	Dimensions (mm/in)					
			Pipe / Tube Ø D1 (mm)	(in)	Pipe (in)	Copper Tube ASTM B88 (in)		L1 PP/PA/SA	L1 AL	L2	H	S min.	Width
3S	1	6					3006-**-**	55	56	33	32	0,6	30,5
		6,4	1/4			3006.4-**-**							
		8	5/16			3008-**-**							
		9,5	3/8	1/4		3009.5-**-**							
		10		1/8		3010-**-**							
		12				3012-**-**							
		12,7	1/2	3/8		3012.7-**-**							
		13,5		1/4		3013.5-**-**							
		14				3014-**-**							
		15				3015-**-**							
		16	5/8	1/2		3016-**-**							
		17,2		3/8		3017.2-**-**							
		18				3018-**-**							
		20				3020-**-**							
4S	2	19	3/4			4019-**-**	70	70	45	48	0,6	30,5	
		20				4020-**-**							
		21,3		1/2		4021.3-**-**							
		22	7/8	3/4		4022-**-**							
		25				4025-**-**							
		25,4	1			4025.4-**-**							
		26,9		3/4		4026.9-**-**							
		28				4028-**-**							
		30				4030-**-**							
		30				5030-**-**							
5S	3	32	1-1/4			5032-**-**	85	85	60	60	0,6	30,5	
		33,7		1		5033.7-**-**							
		35			1-1/4	5035-**-**							
		38	1-1/2			5038-**-**							
		40				5040-**-**							
		41,3		1-1/2		5041.3-**-**							
		42		1-1/4		5042-**-**							
		38	1-1/2			6038-**-**							
		42		1-1/4		6042-**-**							
		44,5	1-3/4			6044.5-**-**							
6S	4	48,3		1-1/2		6048.3-**-**	115	120	90	89	2	45	
		50,8	2			6050.8-**-**							
		54			2	6054-**-**							
		55				6055-**-**							
		57				6057-**-**							
		57,2	2-1/4			6057.2-**-**							
		60,3		2		6060.3-**-**							
		63,5	2-1/2			6063.5-**-**							
		65				6065-**-**							
		70	2-3/4			6070-**-**							

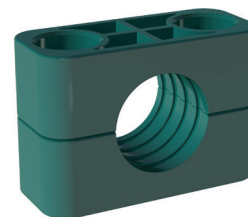
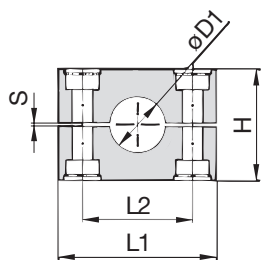
See page 39 for STAUFF Group 7S to 12S (DIN Group 5 to 10).

Additional outside diameters are available upon request. Please contact STAUFF for further information.



Clamp Body - Profiled Design

Profiled Inside Surface with Tension Clearance



B

Group	DIN	Outside Diameter		Nominal Bore	Ordering Codes (2 Clamp Halves) (** = Material)	Dimensions (mm/in)					
		Pipe / Tube Ø D1 (mm)	(in)			Pipe (in)	L1 PP/PA	L1 AL	L2	H	S min.
7S	5	60,3			7060.3-***	154	152	122	120	2	60
		65			7065-***						
		70	2-3/4		7070-***						
		73		2-1/2 (ANSI B 36-10)	7073-***						
		75			7075-***						
		76,1	3	2-1/2 (DIN EN 10220)	7076.1-***						
		80			7080-***						
		82,5			7082.5-***						
8S	6	88,9	3-1/2	3	7088.9-***	206	208	168	168	2	80
		88,9	3-1/2	3	8088.9-***						
		100			8100-***						
		102	4	3-1/2	8102-***						
		108			8108-***						
		114	4-1/2	4	8114-***						
		127	5		8127-***						
		133			8133-***						
9S	7	127	5		9127-***	251	255	205	200	3	91
		133			9133-***						
		140		5	9140-***						
		152	6		9152-***						
		159			9159-***						
		165			9165-***						
10S	8	168		6	9168-***	336	326	265	270	3	120
		177,8			10168-***						
		193,7			10177.8-***						
		203	8		10193.7-***						
		216			10203-***						
11S	9	219		8	10216-***	470	470	395	410	8	162
		219			10219-***						
		273		10	11219-***						
12S	10	324		12	11273-***	630	630	534	530	20	182
		356		14	11324-***						
		406		16	12356-***						
					12406-***	24.80	24.80	21.02	20.87	.79	7.16

Ordering Codes

Clamp Body \*7\*060.3-\*PP

One clamp body is consisting of two clamp halves.

- \* 1<sup>st</sup> part of STAUFF Group **7**
- \* Exact outside diameter Ø D1 (mm) **060.3**
- \* Material code (see below) **PP**

Standard Materials

- Polypropylene**  
Colour: Green  
Material code: **PP**
- Polypropylene**  
Colour: Black  
Material code: **PP-BK**
- Polyamide**  
Colour: Black  
Material code: **PA**
- Aluminium**  
Colour: Self-Colour  
Material code: **AL**

See pages 178 / 179 for material properties and technical information.

Special Materials

Please contact STAUFF for further details on fire-proof clamp body materials, tested and approved according to several international fire-protection standards (such as BS 6853, EN 45545-2, UL 94 and many more).

See pages 180 / 181 for material properties and technical information.

Product Features

- Proven, tested and trusted product in various markets
- Recommended for the safe installation of rigid pipes and tubes
- Available for all commonly used pipe and tube outside diameters
- Environmental protection due to vibration/noise reducing design
- Excellent weathering resistance, even under extreme conditions

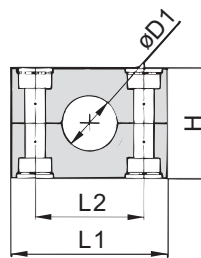
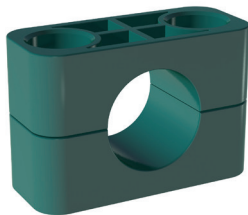
See page 38 for STAUFF Group 3S to 6S (DIN Group 1 to 4).

Additional outside diameters are available upon request. Please contact STAUFF for further information.



**Clamp Body - Type H**

Smooth Inside Surface without Tension Clearance



**B**

**Ordering Codes**

**Clamp Body**

**\*3\*006-\*PP-H**

One clamp body is consisting of two clamp halves.

- \* 1<sup>st</sup> part of STAUFF Group **3**
- \* Exact outside diameter Ø D1 (mm) **006**
- \* Material code (see below) **PP-H**

**Standard Materials**



**Polypropylene**  
Colour: Green  
Material code: **PP-H**



**Polypropylene**  
Colour: Green  
Material code: **PP-H-BK**



**Polyamide**  
Colour: Black  
Material code: **PA-H**



**Thermoplastic Elastomer (87 Shore-A)**  
Colour: Black  
Material code: **SA87-H**

See pages 178 / 179 for material properties and technical information.

**Special Materials**

Please contact STAUFF for further details on fire-proof clamp body materials, tested and approved according to several international fire-protection standards (such as BS 6853, EN 45545-2, UL 94 and many more).

See pages 180 / 181 for material properties and technical information.

**Product Features**

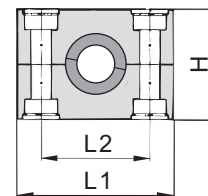
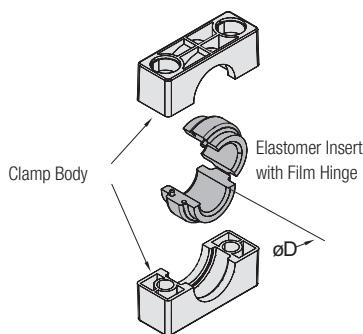
- Proven, tested and trusted product in various markets
- Recommended for the safe installation of hoses and cables
- Chamfered edges avoid damaging of the hose or cable
- Available for all commonly used hose and cable outside diameters
- Excellent weathering resistance, even under extreme conditions

Group	STAUFF	DIN	Outside Diameter		Ordering Codes (2 Clamp Halves) (*-*H = Material)	Dimensions ( <sup>mm</sup> / <sub>in</sub> )			
			Hose Ø D1 (mm)	(in)		L1	L2	H	Width
3S	1	6			3006-**-H	55 2.16	33 1.30	30,5 1.20	30,5 1.20
		6,4	1/4	3006.4-**-H					
		8	5/16	3008-**-H					
		9,5	3/8	3009.5-**-H					
		10		3010-**-H					
		12		3012-**-H					
		12,7	1/2	3012.7-**-H					
		13,5		3013.5-**-H					
		14		3014-**-H					
		15		3015-**-H					
		16	5/8	3016-**-H					
		17,2		3017.2-**-H					
		4S	2	18					
19	3/4			4019-**-H					
20				4020-**-H					
21,3				4021.3-**-H					
22	7/8			4022-**-H					
25				4025-**-H					
25,4	1			4025.4-**-H					
26,9				4026.9-**-H					
5S	3	28		4028-**-H	85 3.35	60 2.36	58 2.28	30,5 1.20	
		30		4030-**-H					
		30		5030-**-H					
		32	1-1/4	5032-**-H					
		33,7		5033.7-**-H					
		35		5035-**-H					
		38	1-1/2	5038-**-H					
6S	4	40		5040-**-H	115 4.53	90 3.54	87 3.43	45 1.77	
		41,3		5041.3-**-H					
		42		5042-**-H					
		38	1-1/2	6038-**-H					
		42		6042-**-H					
		44,5	1-3/4	6044.5-**-H					
		48,3		6048.3-**-H					
		50,8	2	6050.8-**-H					
		55		6055-**-H					
		57		6057-**-H					
57,2	2-1/4	6057.2-**-H							
60,3		6060.3-**-H							
63,5	2-1/2	6063.5-**-H							
65		6065-**-H							
70	2-3/4	6070-**-H							

Additional outside diameters are available upon request. Please contact STAUFF for further information.



## Clamp Body with Elastomer Insert Type RI



B

### Ordering Codes

#### Clamp Assembly \*4\*006-\*PP-R

One assembly is consisting of one clamp body and one insert.

- \* 1<sup>st</sup> part of STAUFF Group **4**
- \* Exact outside diameter Ø D (mm) **006**
- \* Material code (see below) **PP-R**

#### Clamp Body \*4S-\*PP-R

One clamp body is consisting of two clamp halves.

- \* STAUFF Group **4S**
- \* Material code (see below) **PP-R**

#### Elastomer Insert \*RI-\*06-\*4/4S-\*SA73

- \* Elastomer Insert **RI**
- \* Exact outside diameter Ø D (mm) **06**
- \* STAUFF Group 4S (Heavy) and 4 (Standard) **4/4S**
- 5S (Heavy) and 6 (Standard) **6/5S**
- 6S (Heavy) **6S**
- 7S (Heavy) **7S**
- 8S (Heavy) **8S**
- 9S (Heavy) **9S**
- 10S (Heavy) **10S**
- \* Material code (see below) **SA73**

### Standard Materials



**Polypropylene**  
Colour: Black  
Material code: **PP-R**



**Polyamide**  
Colour: Black  
Material code: **PA-R**



**Elastomer Insert**  
4S to 6S: **Thermoplastic Elastomer** (73 Shore-A)  
Material code: **SA73**  
8S to 10S: **EPDM** (70 Shore-A)  
Material code: **E70**  
Colour: Black

See pages 178 / 179 for material properties and technical information.

### Special Materials

Please contact STAUFF for further details on fire-proof clamp body materials, tested and approved according to several international fire-protection standards (such as BS 6853, EN 45545-2, UL 94 and many more).

See pages 180 / 181 for material properties and technical information.



Group	STAUFF	DIN	Outside Diameter		Ordering Codes (* = Material Clamp Assembly (Clamp Body + Insert)	* = Material Clamp Body (2 Clamp Halves)	Insert *	Dimensions (mm/in)				
			Pipe / Tube / Hose Ø D (mm)	(in)				Ø D1	L1	L2	H	Width
4S	2	6			4006-*R	4S-*R	RI-06-4/4S-*	25.98	70.276	45.177	46.51.83	30.51.20
		8	5/16	4008-*R	RI-08-4/4S-*							
		10		4010-*R	RI-10-4/4S-*							
		12		4012-*R	RI-12-4/4S-*							
		12,7	1/2	4012.7-*R	RI-12.7-4/4S-*							
		14		4014-*R	RI-14-4/4S-*							
		15		4015-*R	RI-15-4/4S-*							
		16	5/8	4016-*R	RI-16-4/4S-*							
		17,2		4017.2-*R	RI-17.2-4/4S-*							
		18		4018-*R	RI-18-4/4S-*							
5S	3	20			5020-*R	5S-*R	RI-20-6/5S-*	38.150	85.335	60.236	58.228	30.51.20
		21,3		5021.3-*R	RI-21.3-6/5S-*							
		22	7/8	5022-*R	RI-22-6/5S-*							
		25		5025-*R	RI-25-6/5S-*							
		26,9		5026.9-*R	RI-26.9-6/5S-*							
		28		5028-*R	RI-28-6/5S-*							
		30		5030-*R	RI-30-6/5S-*							
		32	1-1/4	5032-*R	RI-32-6/5S-*							
		32	1-1/4	6032-*R	RI-32-6S-*							
		33,7		6033.7-*R	RI-33.7-6S-*							
6S	4	35			6035-*R	6S-*R	RI-35-6S-*	64.252	115.453	90.354	87.343	45.177
		38,7		6038.7-*R	RI-38.7-6S-*							
		40		6040-*R	RI-40-6S-*							
		42		6042-*R	RI-42-6S-*							
		45,5		6045.5-*R	RI-45.5-6S-*							
		48		6048-*R	RI-48-6S-*							
		51	2	6051-*R	RI-51-6S-*							
		53,4		6053.4-*R	RI-53.4-6S-*							
		56,4		6056.4-*R	RI-56.4-6S-*							
		7S	5	55								
57	2-1/4			7057-*R	RI-57-7S-*							
60				7060-*R	RI-60-7S-*							
63,5	2-1/2			7063.5-*R	RI-63.5-7S-*							
65				7065-*R	RI-65-7S-*							
70	2-3/4			7070-*R	RI-70-7S-*							
72				7072-*R	RI-72-7S-*							
76	3			7076-*R	RI-76-7S-*							
8S	6	80			8080-*R	8S-*R	RI-80-8S-*	114.449	208.811	168.661	168.661	80.315
		88,9	3-1/2	8088.9-*R	RI-88.9-8S-*							
		102		8102-*R	RI-102-8S-*							
9S	7	114			9114-*R	9S-*R	RI-114-9S-*	150.591	251.988	205.807	200.787	91.358
		133	5-1/4	9133-*R	RI-133-9S-*							
		140		9140-*R	RI-140-9S-*							
10S	8	150			10150-*R	10S-*R	RI-150-10S-*	200.787	336.1322	265.1043	270.1063	120.472
		165		10165-*R	RI-165-10S-*							
		168		10168-*R	RI-168-10S-*							
		172		10172-*R	RI-172-10S-*							

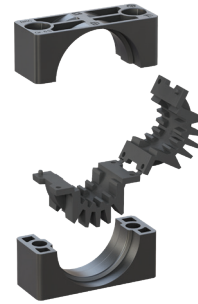
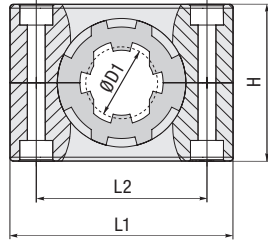
\* Elastomer Inserts for Heavy Series clamp bodies, STAUFF Group 4S also fit into Standard Series clamp bodies, STAUFF Group 4. Elastomer Inserts for Heavy Series clamp bodies, STAUFF Group 5S also fit into Standard Series clamp bodies, STAUFF Group 6.

Additional outside diameters are available upon request. Please contact STAUFF for further information.

### Product Features

- Proven, tested and trusted product in various markets
- Either for the extra vibration/noise reducing installation of pipes and tubes or the extra gentle installation of hoses and cables
- Available for all commonly used outside diameters
- Excellent weathering resistance, even under extreme conditions

Noise Reduction Clamp  
Type NRC



B

Group	STAUFF DIN	Outside Diameter		Ordering Codes Clamp Assembly (Clamp Body + NRC Insert)	Clamp Body (2 Clamp Halves)	NRC Insert (2 Insert Halves)	Dimensions (mm/in)				
		Ø D1 (mm)	(in)				L1	L2	H	Width	Bolts
3S	1	6		3006-PP-NRC	3S-PP-RI-S/NRC	RI-NRC-06-3S-*	55 2.17	33 1.30	30,5 1.20		
		8	5/16	3008-PP-NRC		RI-NRC-08-3S-*					
		10		3010-PP-NRC		RI-NRC-10-3S-*					
		12		3012-PP-NRC		RI-NRC-12-3S-*					
4S	2	12,7	1/2	3012.7-PP-NRC	4S-PP-RI-S/NRC	RI-NRC-12.7-3S-*	70 2.76	45 1.77	48 1.89	30,5 1.20	M10
		14		4014-PP-NRC		RI-NRC-14-4S-*					
		15		4015-PP-NRC		RI-NRC-15-4S-*					
		16	5/8	4016-PP-NRC		RI-NRC-16-4S-*					
		17,2		4017.2-PP-NRC		RI-NRC-17.2-4S-*					
		18		4018-PP-NRC		RI-NRC-18-4S-*					
		19	3/4	4019-PP-NRC		RI-NRC-19-4S-*					
		20		4020-PP-NRC		RI-NRC-20-4S-*					
		21,3		4021.3-PP-NRC		RI-NRC-21.3-4S-*					
		22	7/8	4022-PP-NRC		RI-NRC-22-4S-*					
5S	3	25		5025-PP-NRC	5S-PP-RI-S/NRC	RI-NRC-25-5S-*	85 3.35	60 2.36	58 2.28		
		26,9		5026.9-PP-NRC		RI-NRC-26.9-5S-*					
		28		5028-PP-NRC		RI-NRC-28-5S-*					
		30		5030-PP-NRC		RI-NRC-30-5S-*					
		32	1-1/4	5032-PP-NRC		RI-NRC-32-5S-*					
		38	1-1/2	5038-PP-NRC		RI-NRC-38-5S-*					
6S	4	33,7		6033.7-PP-NRC	6S-PP-RI-S/NRC	RI-NRC-33.7-6S-*	115 4.53	90 3.54	85 3.35	45 1.77	M12
		35		6035-PP-NRC		RI-NRC-35-6S-*					
		38	1-1/2	6038-PP-NRC		RI-NRC-38-6S-*					
		38,7		6038.7-PP-NRC		RI-NRC-38.7-6S-*					
		40		6040-PP-NRC		RI-NRC-40-6S-*					
		42		6042-PP-NRC		RI-NRC-42-6S-*					
		45,5		6045.5-PP-NRC		RI-NRC-45.5-6S-*					
		48		6048-PP-NRC		RI-NRC-48-6S-*					
		51		6051-PP-NRC		RI-NRC-51-6S-*					
		53,4		6053.4-PP-NRC		RI-NRC-53.4-6S-*					
		57		6057-PP-NRC		RI-NRC-57-6S-*					
7S	5	60		6060-PP-NRC	7S-PP-RI-S/NRC	RI-NRC-60-7S-*	154 6.06	122 4.80	116 4.57	60 2.36	M16
		63,5		6063.5-PP-NRC		RI-NRC-63,5-7S-*					
		65		6065-PP-NRC		RI-NRC-65-7S-*					
		70	2-3/4	6070-PP-NRC		RI-NRC-70-7S-*					
8S	6	72		6072-PP-NRC	8S-PP-RI-S/NRC	RI-NRC-72-8S-*	206 8.11	168 6.61	164 6.46	80 3.15	M20
		76		6076-PP-NRC		RI-NRC-76-8S-*					
		80		6080-PP-NRC		RI-NRC-80-8S-*					
		88,9	3-1/2	6088.9-PP-NRC		RI-NRC-88.9-8S-*					

Additional outside diameters are available upon request. Please contact STAUFF for further information.

Product Features

- Designed for the noise and vibration reducing installation of pipes and tubes
- Working principle based on a specially shaped, two-part elastomer insert, which mechanically absorbs vibration in the pipe or tube and as a result reduces noises arising to a minimum
- Elastomer insert is in particular distinguished by how little of its surface is in contact with the pipe or tube as well as with the clamp body
- Light tension of the elastomer insert in mounted condition provides the necessary clamping force
- Tongue-groove contour of the elastomer insert and the clamp body (which is reversed and thus diverges from heavy series DIN 3015 clamps with elastomer insert) enables the system to be used for the maximum range of outside diameters per clamp size

Elastomer Inserts for multi-spiral hydraulic hoses (on request)

- Designed for the noise and vibration reducing installation of multi-spiral hydraulic hoses
- Multi-spiral hydraulic hoses retains a certain defined "freedom of movement" in the radial direction, so that tolerance can be compensated and the outer diameter of the hose can change to the necessary extent due to the pressure pulsation
- Elastomer insert has been adapted to hydraulic hoses in terms of its contour (much larger outlet radii and longitudinal ribs) and elasticity
- Longitudinal ribs in the elastomer insert allow the compensation of changes in the diameter of the hose while at the same time ensuring gentle yet stable fixation

**Ordering Codes**

**Clamp Assembly** \*3\*006-\*PP-\*NRC

One assembly is consisting of one clamp body and one insert.

- \* STAUFF Group **3**
- \* Exact outside diameter Ø D1 (mm) **006**
- \* Material code (siehe unten) **PP**
- \* Insert **NRC**

**NRC Clamp Body** \*3S-\*PP-\*RI-S/NRC

One NRC clamp body is consisting of two clamp halves.

- \* STAUFF Group **3**
- \* Material code (see below) **PP**
- \* Clamp Design **RI-S/NRC**

**NRC Elastomer Insert**

\*RI-NRC-\*06-\*3S-\*SA73

One NRC elastomer insert is consisting of two insert halves.

- \* NRC Elastomer Insert **RI-NRC**
- \* Exact outside diameter ØD1 (mm) **06**
- \* STAUFF Group **3S**
- \* Material code (siehe unten) **SA73**

Standard Materials

- Polypropylene**  
Colour: Black  
Material code: **PP**
- Elastomer Insert**  
**Thermoplastic Elastomer** (73 Shore-A)  
Colour: Black  
Material code: **SA73**

See pages 178 / 179 for material properties and technical information.

Alternative materials are available upon request. Please contact STAUFF for further information.

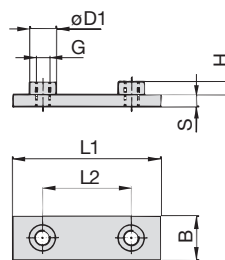
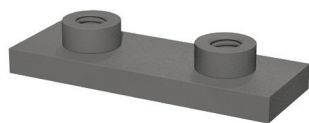
Special Materials

Please contact STAUFF for further details on fire-proof clamp body materials, tested and approved according to several international fire-protection standards (such as BS 6853, EN 45545-2, UL 94 and many more).

See pages 180 / 181 for material properties and technical information.



## Weld Plate for Single Clamps Type SPAL



B

### Ordering Codes

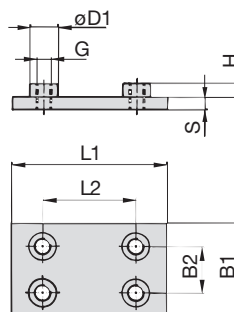
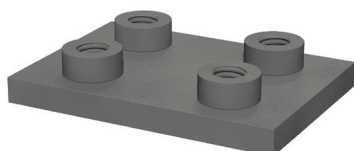
#### Weld Plate \*SPAL-\*3S-\*M-\*W2

* Weld Plate for Single Clamps		<b>SPAL</b>
* STAUFF Group		<b>3S</b>
* Thread code	Metric ISO thread	<b>M</b>
	Unified coarse (UNC) thread	<b>U</b>
* Material code	Carbon Steel, uncoated	<b>W1</b>
	Carbon Steel, phosphated	<b>W2</b>
	Carbon Steel, zinc/nickel-plated	<b>W3</b>
	Stainless Steel V2A	<b>W4</b>
	1.4301 / 1.4305 (AISI 304 / 303)	
	Stainless Steel V4A	<b>W5</b>
	1.4401 / 1.4571 (AISI 316 / 316 Ti)	

Group	Dimensions (mm/m)	Ordering Codes (Standard Options)							
STAUFF	DIN	L1	L2	B	S	H	Thread G	ØD1	
3S	1	74	33	30	8	8	M10	18	SPAL-3S-M-W2
		2.91	1.30	1.18	.31	.31	3/8-16 UNC	.71	SPAL-3S-U-W2
4S	2	86	45	30	8	8	M10	18	SPAL-4S-M-W2
		3.39	1.77	1.18	.31	.31	3/8-16 UNC	.71	SPAL-4S-U-W2
5S	3	100	60	30	8	8	M10	18	SPAL-5S-M-W2
		3.94	2.36	1.18	.31	.31	3/8-16 UNC	.71	SPAL-5S-U-W2
6S	4	140	90	45	10	8	M12	20	SPAL-6S-M-W2
		5.51	3.54	1.77	.39	.31	7/16-14 UNC	.78	SPAL-6S-U-W2
7S	5	180	122	60	10	12	M16	24	SPAL-7S-M-W2
		7.09	4.80	2.36	.39	.47	5/8-11 UNC	.94	SPAL-7S-U-W2
8S	6	226	168	80	15	18	M20	30	SPAL-8S-M-W1
		8.90	6.61	3.15	.59	.71	3/4-10 UNC	1.18	SPAL-8S-U-W1
9S	7	270	205	90	15	21	M24	35	SPAL-9S-M-W1
		10.63	8.07	3.54	.59	.83	7/8-9 UNC	1.38	SPAL-9S-U-W1
10S	8	340	265	120	25	21	M30	45	SPAL-10S-M-W1
		13.39	10.43	4.72	.98	.83	1-1/8-7 UNC	1.77	SPAL-10S-U-W1
11S	9	520	395	160	30	38	M30	50	SPAL-11S-M-W1
		20.47	15.55	6.30	1.18	1.50	1-1/4-7 UNC	1.97	SPAL-11S-U-W1
12S	10	680	534	180	30	38	M30	50	SPAL-12S-M-W1
		27.16	21.02	7.09	1.18	1.50	1-1/4-7 UNC	1.97	SPAL-12S-U-W1

All threaded parts are available with Metric ISO thread or unified coarse (UNC) thread according to dimension table. Alternative materials and surface finishings are available upon request. Contact STAUFF for further information.

## Weld Plate for Double Clamps Type SPAS



### Ordering Codes

#### Weld Plate \*SPAS-\*3S-\*M-\*W2

* Weld Plate for Double Clamps		<b>SPAS</b>
* STAUFF Group		<b>3S</b>
* Thread code	Metric ISO thread	<b>M</b>
	Unified coarse (UNC) thread	<b>U</b>
* Material code	Carbon Steel, uncoated	<b>W1</b>
	Carbon Steel, phosphated	<b>W2</b>
	Carbon Steel, zinc/nickel-plated	<b>W3</b>
	Stainless Steel V2A	<b>W4</b>
	1.4301 / 1.4305 (AISI 304 / 303)	
	Stainless Steel V4A	<b>W5</b>
	1.4401 / 1.4571 (AISI 316 / 316 Ti)	

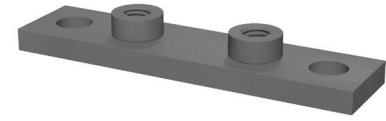
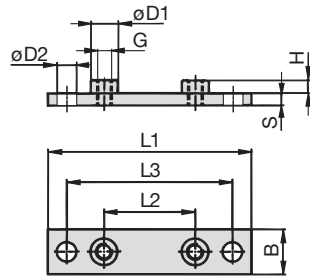
Group	Dimensions (mm/m)	Ordering Codes (Standard Options)								
STAUFF	DIN	L1	L2	B1	B2	S	H	Thread G	ØD1	
3S	1	74	33	60	30.5	8	8	M10	18	SPAS-3S-M-W2
		2.91	1.30	2.36	1.20	.31	.31	3/8-16 UNC	.71	SPAS-3S-U-W2
4S	2	86	45	60	30.5	8	8	M10	18	SPAS-4S-M-W2
		3.39	1.77	2.36	1.20	.31	.31	3/8-16 UNC	.71	SPAS-4S-U-W2
5S	3	100	60	60	30.5	8	8	M10	18	SPAS-5S-M-W2
		3.94	2.36	2.36	1.20	.31	.31	3/8-16 UNC	.71	SPAS-5S-U-W2
6S	4	140	90	90	46	10	8	M12	20	SPAS-6S-M-W2
		5.51	3.54	3.54	1.81	.39	.31	7/16-14 UNC	.78	SPAS-6S-U-W2
7S	5	180	122	120	61	10	12	M16	24	SPAS-7S-M-W2
		7.09	4.80	4.72	2.40	.39	.47	5/8-11 UNC	.94	SPAS-7S-U-W2
8S	6	226	168	160	81	15	18	M20	30	SPAS-8S-M-W1
		8.90	6.61	6.61	3.19	.59	.71	3/4-10 UNC	1.18	SPAS-8S-U-W1
9S	7	270	205	180	91	15	21	M24	35	SPAS-9S-M-W1
		10.63	8.07	7.09	3.58	.59	.83	7/8-9 UNC	1.38	SPAS-9S-U-W1
10S	8	340	265	240	121	25	21	M30	45	SPAS-10S-M-W1
		13.39	10.43	9.45	4.78	.98	.83	1-1/8-7 UNC	1.77	SPAS-10S-U-W1
11S	9	520	395	324	166	30	38	M30	50	SPAS-11S-M-W1
		20.47	15.55	12.76	6.54	1.18	1.50	1-1/4-7 UNC	1.97	SPAS-11S-U-W1
12S	10	680	534	364	186	30	38	M30	50	SPAS-12S-M-W1
		27.16	21.02	14.33	7.32	1.18	1.50	1-1/4-7 UNC	1.97	SPAS-12S-U-W1

All threaded parts are available with Metric ISO thread or unified coarse (UNC) thread according to dimension table. Alternative materials and surface finishings are available upon request. Contact STAUFF for further information.





Elongated Weld Plate for Single Clamps  
Type SPAL-DUEB



**B**

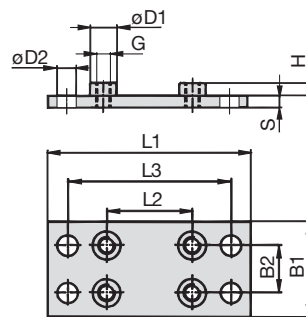
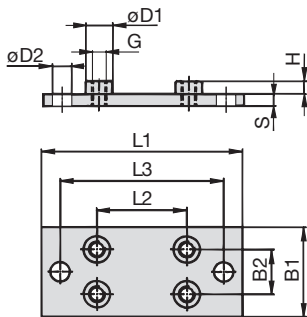
Group STAUFF	DIN	Dimensions (mm/m)							Ordering Codes (Standard Options)		
		L1	L2	L3	B	S	H	Thread G	ØD1	ØD2	
3S	1	113	33	85	30	8	8	M10	18	13	SPAL-DUEB-3S-M-W2
		4.45	1.30	3.35	1.18	.31	.31	3/8-16 UNC	.71	.51	SPAL-DUEB-3S-U-W2
4S	2	125	45	97	30	8	8	M10	18	13	SPAL-DUEB-4S-M-W2
		4.92	1.77	3.82	1.18	.31	.31	3/8-16 UNC	.71	.51	SPAL-DUEB-4S-U-W2
5S	3	140	60	112	30	8	8	M10	18	13	SPAL-DUEB-5S-M-W2
		5.51	2.36	4.41	1.18	.31	.31	3/8-16 UNC	.71	.51	SPAL-DUEB-5S-U-W2
6S	4	187	90	155	45	10	8	M12	20	16	SPAL-DUEB-6S-M-W2
		7.36	3.54	6.10	1.77	.39	.31	7/16-14 UNC	.78	.62	SPAL-DUEB-6S-U-W2
7S	5	238	122	198	60	10	12	M16	24	21	SPAL-DUEB-7S-M-W2
		9.37	4.80	7.80	2.36	.39	.47	5/8-11 UNC	.94	.83	SPAL-DUEB-7S-U-W2
8S	6	309	168	259	80	15	18	M20	30	26	SPAL-DUEB-8S-M-W1
		12.17	6.61	10.20	3.15	.59	.71	3/4-10 UNC	1.18	1.02	SPAL-DUEB-8S-U-W1
9S	7	370	205	310	90	15	21	M24	35	31	SPAL-DUEB-9S-M-W1
		14.57	8.07	12.20	3.54	.59	.83	7/8-9 UNC	1.38	1.22	SPAL-DUEB-9S-U-W1
10S	8	460	265	400	120	25	21	M30	45	31	SPAL-DUEB-10S-M-W1
		18.11	10.43	15.75	4.72	.98	.83	1-1/8-7 UNC	1.77	1.22	SPAL-DUEB-10S-U-W1
11S	9	590	395	530	160	30	38	M30	50	31	SPAL-DUEB-11S-M-W1
		23.23	15.55	20.87	6.30	1.18	1.50	1-1/4-7 UNC	1.97	1.22	SPAL-DUEB-11S-U-W1
12S	10	750	534	690	180	30	38	M30	50	31	SPAL-DUEB-12S-M-W1
		29.53	21.02	27.17	7.09	1.18	1.50	1-1/4-7 UNC	1.97	1.22	SPAL-DUEB-12S-U-W1

Ordering Codes

Weld Plate \*SPAL-DUEB-\*3S-\*M-\*W2

- \* Elongated Weld Plate for Single Clamps **SPAL-DUEB**
- \* STAUFF Group **3S**
- \* Thread code Metric ISO thread **M**  
Unified coarse (UNC) thread **U**
- \* Material code Carbon Steel, uncoated **W1**  
Carbon Steel, phosphated **W2**  
Carbon Steel, zinc/nickel-plated **W3**  
  
Stainless Steel V2A **W4**  
1.4301 / 1.4305 (AISI 304 / 303)  
Stainless Steel V4A **W5**  
1.4401 / 1.4571 (AISI 316 / 316 Ti)

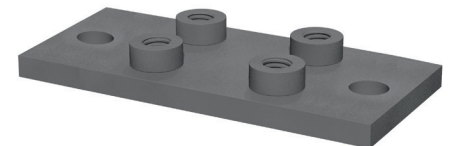
All threaded parts are available with Metric ISO thread or unified coarse (UNC) thread according to dimension table. Alternative materials and surface finishings are available upon request. Contact STAUFF for further information.



STAUFF Group 3S to 9S

STAUFF Group 10S to 12S

Elongated Weld Plate for Double Clamps  
Type SPAS-DUEB



Design for STAUFF Group 10S to 12S

Group STAUFF	DIN	Dimensions (mm/m)							Ordering Codes (Standard Options)			
		L1	L2	L3	B1	B2	S	H	Thread G	ØD1	ØD2	
3S	1	113	33	85	60	30.5	8	8	M10	18	13	SPAS-DUEB-3S-M-W2
		4.45	1.30	3.35	2.36	1.20	.31	.31	3/8-16 UNC	.71	.51	SPAS-DUEB-3S-U-W2
4S	2	125	45	97	60	30.5	8	8	M10	18	13	SPAS-DUEB-4S-M-W2
		4.92	1.77	3.82	2.36	1.20	.31	.31	3/8-16 UNC	.71	.51	SPAS-DUEB-4S-U-W2
5S	3	140	60	112	60	30.5	8	8	M10	18	13	SPAS-DUEB-5S-M-W2
		5.51	2.36	4.41	2.36	1.20	.31	.31	3/8-16 UNC	.71	.51	SPAS-DUEB-5S-U-W2
6S	4	187	90	155	90	46	10	8	M12	20	16	SPAS-DUEB-6S-M-W2
		7.36	3.54	6.10	3.54	1.81	.39	.31	7/16-14 UNC	.78	.62	SPAS-DUEB-6S-U-W2
7S	5	238	122	198	120	61	10	12	M16	24	21	SPAS-DUEB-7S-M-W2
		9.37	4.80	7.80	4.72	2.40	.39	.47	5/8-11 UNC	.94	.83	SPAS-DUEB-7S-U-W2
8S	6	309	168	259	160	81	15	18	M20	30	26	SPAS-DUEB-8S-M-W1
		12.17	6.61	10.20	6.61	3.19	.59	.71	3/4-10 UNC	1.18	1.02	SPAS-DUEB-8S-U-W1
9S	7	370	205	310	180	91	15	21	M24	35	31	SPAS-DUEB-9S-M-W1
		14.57	8.07	12.20	7.09	3.58	.59	.83	7/8-9 UNC	1.38	1.22	SPAS-DUEB-9S-U-W1
10S	8	460	265	400	240	121	25	21	M30	45	31	SPAS-DUEB-10S-M-W1
		18.11	10.43	15.75	9.45	4.78	.98	.83	1-1/8-7 UNC	1.77	1.22	SPAS-DUEB-10S-U-W1
11S	9	590	395	530	324	166	30	38	M30	50	31	SPAS-DUEB-11S-M-W1
		23.23	15.55	20.87	12.76	6.54	1.18	1.50	1-1/4-7 UNC	1.97	1.22	SPAS-DUEB-11S-U-W1
12S	10	750	534	690	364	186	30	38	M30	50	31	SPAS-DUEB-12S-M-W1
		29.53	21.02	27.17	14.33	7.32	1.18	1.50	1-1/4-7 UNC	1.97	1.22	SPAS-DUEB-12S-U-W1

Ordering Codes

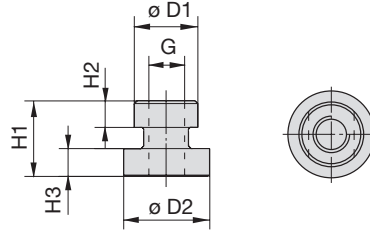
Weld Plate \*SPAS-DUEB-\*3S-\*M-\*W2

- \* Elongated Weld Plate for Double Clamps **SPAS-DUEB**
- \* STAUFF Group **3S**
- \* Thread code Metric ISO thread **M**  
Unified coarse (UNC) thread **U**
- \* Material code Carbon Steel, uncoated **W1**  
Carbon Steel, phosphated **W2**  
Carbon Steel, zinc/nickel-plated **W3**  
  
Stainless Steel V2A **W4**  
1.4301 / 1.4305 (AISI 304 / 303)  
Stainless Steel V4A **W5**  
1.4401 / 1.4571 (AISI 316 / 316 Ti)

All threaded parts are available with Metric ISO thread or unified coarse (UNC) thread according to dimension table. Alternative materials and surface finishings are available upon request. Contact STAUFF for further information.



**Mounting Rail Nut**  
(for Use with Mounting Rail STSV)  
Type GMV



B

**Ordering Codes**

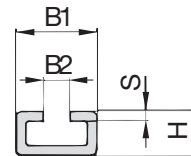
**Mounting Rail Nut \*GMV-\*3-5S\*M-\*W3**

- \* Mounting Rail Nut **GMV**
- \* STAUFF Group 3S to 5S (DIN Group 1 to 3) **3-5S**  
6S (DIN Group 4) **6S**
- \* Thread code Metric ISO thread **M**  
Unified coarse (UNC) thread **U**
- \* Material code Carbon Steel, zinc/nickel-plated **W3**  
Stainless Steel V2A **W4**  
1.4301 / 1.4305 (AISI 304 / 303)  
Stainless Steel V4A **W5**  
1.4401 / 1.4571 (AISI 316 / 316 Ti)

Group STAUFF	DIN	Dimensions (mm/in)					Thread G	Ordering Codes (Standard Options)
		ØD1	ØD2	H1	H2	H3		
3S	1							
4S	2	17,8 .70	24 .94	21 .83	7,6 .30	7,4 .29	M10 3/8-16 UNC	GMV-3-5S-M-W3 GMV-3-5S-U-W3
5S	3							
6S	4	19,8 .78	24 .94	23 .91	8,8 .35	8,8 .35	M12 7/16-14 UNC	GMV-6S-M-W3 GMV-6S-U-W3

All threaded parts are available with Metric ISO thread or unified coarse (UNC) thread according to dimension table. Alternative materials and surface finishings are available upon request. Contact STAUFF for further information.

**Mounting Rail**  
(for Use with Mounting Rail Nut GMV)  
Type STSV



**Ordering Codes**

**Mounting Rail \*STSV-\*1M-\*W1**

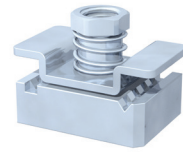
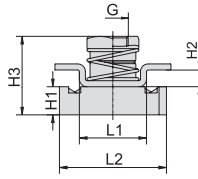
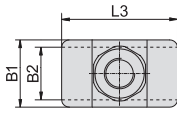
- \* Mounting Rail **STSV**
- \* Length of rail 1 m / 3.28 ft **1M**  
2 m / 6.56 ft **2M**  
Alternative lengths available upon request. Contact STAUFF for further information.
- \* Material code Carbon Steel, uncoated **W1**  
Carbon Steel, zinc-plated, blue-chromated **W32**  
Stainless Steel V4A **W5**  
1.4401 / 1.4571 (AISI 316 / 316 Ti)

Group STAUFF	DIN	Dimensions (mm/in)				Ordering Codes (Standard Options)	
		B1	B2	H	S	Length of Rail: 1 m / 3.28ft	Length of Rail: 2 m / 6.56ft
3S	1						
4S	2	40	13	22	5	STSV -1M-W1	STSV -2M-W1
5S	3	1.57	.51	.86	.19		
6S	4						

Alternative materials and surface finishings are available upon request. Contact STAUFF for further information.



**Channel Rail Adaptor**  
(for Use with Various Channel Rails)  
**Type CRA**



**B**

Group STAUFF	DIN	Dimensions (mm / in)									Ordering Codes (Standard Options)		
		Thread G	L1	L2	L3	B1	B2	H1	H2	H3			
3S	1												
4S	2	M10	22	35	38	22	20,5	9,2	5,5	27,5	CRA-3-5S-M-W3		
		3/8-16 UNC	.87	1.38	1.50	.87	.81	.36	.22	1.08	CRA-3-5S-U-W3		
5S	3												
6S	4	M12	21,5	35	45	25	19	9,2	5	24,5	CRA-6S-M-W3		
		7/16-14 UNC	.85	1.38	1.77	.98	.75	.36	.20	.57	CRA-6S-U-W3		

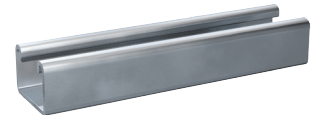
**Ordering Codes**

**Adaptor**      **\*CRA-\*3-5S-\*M-\*W3**

- \* Channel Rail Adaptor      **CRA**
- \* STAUFF Group      3S to 5S (DIN Group 1 to 3)      **3-5S**  
6S (DIN Group 4)      **6S**
- \* Thread code      Metric ISO thread      **M**  
Unified coarse (UNC) thread      **U**
- \* Material code      Carbon Steel, zinc/nickel-plated      **W3**  
Stainless Steel V4A      **W5**  
1.4401 / 1.4571 (AISI 316 / 316 Ti)

All threaded parts are available with Metric ISO thread or unified coarse (UNC) thread according to dimension table. Alternative materials and surface finishings are available upon request. Contact STAUFF for further information.

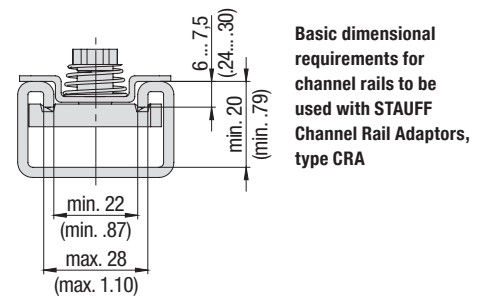
**Compatibility with Channel Rails**



The STAUFF Channel Rail Adaptor, type CRA is suitable for various channel rails, including the following types:

HALFEN	HILTI	UNISTRUT®	STAUFF (Cushion Clamp Series)
HM 41/41	MQ-21, MQ-41, MQ-52, MQ-72	P1000, P1000T, P1000V, P1000VT, P1001	SCS-048-1-PL, SCS-048-1-GR
HZA 41/22	MQ-21U, MQ-41U, MQ-72U	P2000, P2000T	SCS-120-1-PL, SCS-120-1-GR
HZM 41/41	MQ-21D, MQ-41D, MQ-52-72D	P3003, P3003T, P3300V, P3300VT, P3301	See page 149 for technical information.
HZM 41/22		P4000, P4000T	
HL 41/41, HL 41/B2		P5000, P5000T, P5001, P5500, P5500T, P5501	

Contact STAUFF to check compatibility with additional types of channel rails.



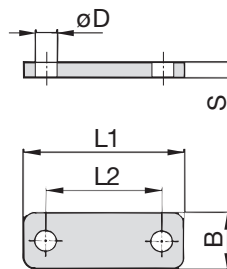
**Recommended Bolt Lengths when using the Channel Rail Adaptor, Type CRA**

Group STAUFF	DIN	Hexagon Head Bolts AS (used with Cover Plates DPAL or DPAS)		Socket Cap Screws IS (used without Cover Plates DPAL or DPAS)	
		Metric ISO thread	Unified coarse (UNC) thread	Metric ISO thread	Unified coarse (UNC) thread
3S	1	M10 x 40	3/8-16 UNC x 1-1/2	M10 x 25	3/8-16 UNC x 1
4S	2	M10 x 55	3/8-16 UNC x 2-1/4	M10 x 40	3/8-16 UNC x 1-1/2
5S	3	M10 x 65	3/8-16 UNC x 2-3/4	M10 x 50	3/8-16 UNC x 2
6S	4	M12 x 100	7/16-14 UNC x 3-3/4	M12 x 75	7/16-14 UNC x 3

Clamp assemblies including Channel Rail Adaptors, type CRA are supplied with the recommended bolt lengths by default. See page 48 for further information on ordering.

### Cover Plate for Single Clamps Type DPAL

B



#### Ordering Codes

##### Cover Plate

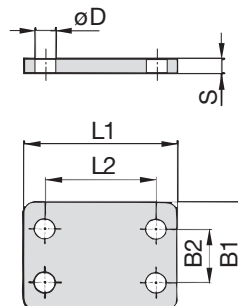
**\*DPAL-\*3S-\*W2**

* Cover Plate for Single Clamps	<b>DPAL</b>
* STAUFF Group	<b>3S</b>
* Material code	
Carbon Steel, uncoated	<b>W1</b>
Carbon Steel, phosphated	<b>W2</b>
Carbon Steel, zinc/nickel-plated	<b>W3</b>
Stainless Steel V2A	<b>W4</b>
1.4301 / 1.4305 (AISI 304 / 303)	
Stainless Steel V4A	<b>W5</b>
1.4401 / 1.4571 (AISI 316 / 316 Ti)	
Aluminium EN AW-6060	<b>W85</b>
(for group sizes 3S to 5S only)	

Group STAUFF	DIN	Dimensions (mm/in)					Ordering Codes (Standard Options)
		L1	L2	B	S	ØD	
3S	1	55	33	30	8	11	DPAL-3S-W2
		2.16	1.30	1.18	.31	.43	
4S	2	70	45	30	8	11	DPAL-4S-W2
		2.76	1.77	1.18	.31	.43	
5S	3	85	60	30	8	11	DPAL-5S-W2
		3.35	2.36	1.18	.31	.43	
6S	4	115	90	45	10	14	DPAL-6S-W2
		4.53	3.54	1.77	.39	.55	
7S	5	152	122	60	10	19	DPAL-7S-W2
		5.98	4.80	2.36	.39	.75	
8S	6	206	168	80	15	22	DPAL-8S-W1
		8.11	6.61	3.15	.59	.87	
9S	7	251	205	90	15	26	DPAL-9S-W1
		9.88	8.07	3.54	.59	1.02	
10S	8	320	265	120	25	35	DPAL-10S-W1
		12.60	10.43	4.72	.98	1.38	
11S	9	470	395	160	30	35	DPAL-11S-W1
		18.50	15.55	6.30	1.18	1.38	
12S	10	630	534	180	30	35	DPAL-12S-W1
		24.80	21.02	7.09	1.18	1.38	

Alternative materials and surface finishings are available upon request. Contact STAUFF for further information.

### Cover Plate for Double Clamps Type DPAS



#### Ordering Codes

##### Cover Plate

**\*DPAS-\*3S-\*W2**

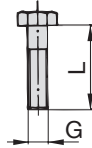
* Cover Plate for Double Clamps	<b>DPAS</b>
* STAUFF Group	<b>3S</b>
* Material code	
Carbon Steel, uncoated	<b>W1</b>
Carbon Steel, phosphated	<b>W2</b>
Carbon Steel, zinc/nickel-plated	<b>W3</b>
Stainless Steel V2A	<b>W4</b>
1.4301 / 1.4305 (AISI 304 / 303)	
Stainless Steel V4A	<b>W5</b>
1.4401 / 1.4571 (AISI 316 / 316 Ti)	

Group STAUFF	DIN	Dimensions (mm/in)					Ordering Codes (Standard Options)	
		L1	L2	B1	B2	S		ØD
3S	1	55	33	60	30,5	8	11	DPAS-3S-W2
		2.16	1.30	2.36	1.20	.31	.43	
4S	2	70	45	60	30,5	8	11	DPAS-4S-W2
		2.76	1.77	2.36	1.20	.31	.43	
5S	3	83	60	60	30,5	8	11	DPAS-5S-W2
		3.27	2.36	2.36	1.20	.31	.43	
6S	4	115	90	90	46	10	14	DPAS-6S-W2
		4.53	3.54	3.54	1.81	.39	.55	
7S	5	152	122	120	61	10	19	DPAS-7S-W2
		5.98	4.80	4.72	2.40	.39	.75	
8S	6	206	168	160	81	15	22	DPAS-8S-W1
		8.11	6.61	6.61	3.19	.59	.87	
9S	7	251	205	180	91	15	26	DPAS-9S-W1
		9.88	8.07	7.09	3.58	.59	1.02	
10S	8	320	265	240	121	25	35	DPAS-10S-W1
		12.60	10.43	9.45	4.78	.98	1.38	
11S	9	470	395	321	166	30	35	DPAS-11S-W1
		18.50	15.55	12.64	6.54	1.18	1.38	
12S	10	630	534	361	186	30	35	DPAS-12S-W1
		24.80	21.02	14.21	7.32	1.18	1.38	

Alternative materials and surface finishings are available upon request. Contact STAUFF for further information.



Hexagon Head Bolt  
Type AS



B

Hexagon Head Bolt AS

(according to DIN 931 / 933 or ANSI / ASME B18.2.1.)

Dimensions applicable only when used with Cover Plates DPAL or DPAS

Group STAUFF	DIN	Dimensions (mm/in) Thread G x L	Ordering Codes (Standard Options)
3S	1	M10 x 45	AS-M10x45-W1
		3/8-16 UNC x 1-3/4	AS-3/8-16UNCx1-3/4-W3*
4S	2	M10 x 60	AS-M10x60-W1
		3/8-16 UNC x 2-1/4	AS-3/8-16UNCx2-1/4-W3*
5S	3	M10 x 70	AS-M10x70-W1
		3/8-16 UNC x 2-3/4	AS-3/8-16UNCx2-3/4-W3*
6S	4	M12 x 100	AS-M12x100-W1
		7/16-14 UNC x 4	AS-7/16-14UNCx4-W3*
7S	5	M16 x 130	AS-M16x130-W1
		5/8-11 UNC x 5-1/4	AS-5/8-11UNCx5-1/4-W3*
8S	6	M20 x 190	AS-M20x190-W1
		3/4-10 UNC x 7-1/2	AS-3/4-10UNCx7-1/2-W1
9S	7	M24 x 220	AS-M24x220-W1
		7/8-9 UNC x 8-3/4	AS-7/8-9UNCx8-3/4-W1
10S	8	M30 x 300	AS-M30x300-W1
		1-1/8-7 UNC x 12	AS-1-1/8-7UNCx12-W1
11S	9	M30 x 450	AS-M30x450-W1
		1-1/4-7 UNC x 17-1/2	AS-1-1/4-7UNCx17-1/2-W1
12S	10	M30 x 560	AS-M30x560-W1
		1-1/4-7 UNC x 22	AS-1-1/4-7UNCx22-W1

**Ordering Codes**

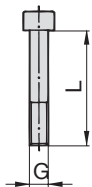
**Hexagon Head Bolt \*AS-\*M10x70-\*W1**

- \* Type of bolt: Hexagon Head Bolt (according to DIN 931 / 933 or ANSI / ASME B18.2.1.) **AS**
- \* Thread type and size acc. to dimension table **M10x70**
- \* Material code: Carbon Steel, uncoated **W1**  
Carbon Steel, zinc/nickel-plated **W3**  
Stainless Steel V2A **W4**  
1.4301 / 1.4305 (AISI 304 / 303)  
Stainless Steel V4A **W5**  
1.4401 / 1.4571 (AISI 316 / 316 Ti)

\* Standard finishing option for Heavy Series group sizes 3S to 7S in North America is W3 (Carbon Steel, zinc/nickel-plated).

All threaded parts are available with Metric ISO thread or unified coarse (UNC) thread according to dimension table. Alternative materials and surface finishings are available upon request. Contact STAUFF for further information.

Socket Cap Screw  
Type IS



Socket Cap Screw IS

(according to ISO 4762 or ANSI / ASME B18.3)

Dimensions applicable only when used without Cover Plates

Group STAUFF	DIN	Dimensions (mm/in) Thread G x L	Ordering Codes (Standard Options)
3S	1	M10 x 30	IS-M10x30-W1
		3/8-16 UNC x 1	IS-3/8-16UNCx1-W3*
4S	2	M10 x 40	IS-M10x40-W1
		3/8-16 UNC x 1-3/4	IS-3/8-16UNCx1-3/4-W3*
5S	3	M10 x 50	IS-M10x50-W1
		3/8-16 UNC x 2	IS-3/8-16UNCx2-W3*
6S	4	M12 x 80	ISM12x80-W1
		7/16-14 UNC x 3-1/4	IS-7/16-14UNCx3-1/4-W3*

**Ordering Codes**

**Socket Cap Screw \*IS-\*M10x50-\*W1**

- \* Type of Bolt: Socket Cap Screw (according to ISO 4762 or ANSI / ASME B18.3) **IS**
- \* Thread type and size acc. to dimension table **M10x50**
- \* Material code: Carbon Steel, uncoated **W1**  
Carbon Steel, zinc/nickel-plated **W3**  
Stainless Steel V2A **W4**  
1.4301 / 1.4305 (AISI 304 / 303)  
Stainless Steel V4A **W5**  
1.4401 / 1.4571 (AISI 316 / 316 Ti)

All threaded parts are available with Metric ISO thread or unified coarse (UNC) thread according to dimension table. Alternative materials and surface finishings are available upon request. Contact STAUFF for further information.

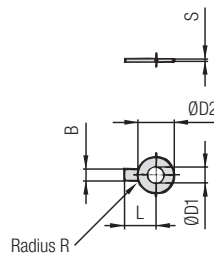
\* Standard finishing option in North America is W3 (Carbon Steel, zinc/nickel-plated).



### Safety Washer

(for Use with Hexagon Head Bolt AS)

Type SI (DIN 93)



**Safety Washer SI**

(Bend longer tab down towards the side of the clamp body and one side up towards one of the flats of the hexagon head bolt)

#### Ordering Codes

**Safety Washer \*SI-\*10.5-\*DIN93-\*W3**

- \* Safety Washer **SI**
- \* Exact inner diameter ØD1 (mm) **10.5**
- \* Type of washer Safety washer with 1 tab (according to DIN 93) **DIN 93**
- \* Material code Carbon Steel, zinc/nickel-plated **W3**  
 Stainless Steel V4A **W5**  
 1.4401 / 1.4571 (AISI 316 / 316 Ti)

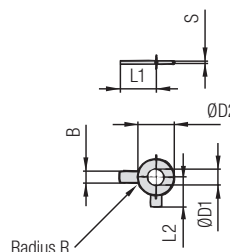
Group STAUFF	DIN	Dimensions (mm / in)						Ordering Codes (Standard Options)
		ØD1	B	ØD2	L	R	S	
3S	1	10,5	10	26	22	4	0,75	SI-10.5-DIN93-W3
		.41	.39	1.02	.87	.16	.03	
4S	2	10,5	10	26	22	4	0,75	SI-10.5-DIN93-W3
		.41	.39	1.02	.87	.16	.03	
5S	3	10,5	10	26	22	4	0,75	SI-10.5-DIN93-W3
		.41	.39	1.02	.87	.16	.03	
6S	4	13	12	30	28	6	1	SI-13-DIN93-W3
		.51	.47	1.18	1.10	.24	.04	
7S	5	17	15	36	32	6	1	SI-17-DIN93-W3
		.67	.59	1.42	1.26	.24	.04	
8S	6	21	18	42	36	6	1	SI-21-DIN93-W3
		.83	.71	1.65	1.42	.24	.04	
9S	7	25	20	50	42	6	1	SI-25-DIN93-W3
		.98	.79	1.97	1.65	.24	.04	
10S	8	31	26	63	52	10	1,6	SI-31-DIN93-W3
		1.22	1.02	2.48	2.05	.39	.06	
11S	9	31	26	63	52	10	1,6	SI-31-DIN93-W3
		1.22	1.02	2.48	2.05	.39	.06	
12S	10	31	26	63	52	10	1,6	SI-31-DIN93-W3
		1.22	1.02	2.48	2.05	.39	.06	

Safety Washers, type SI are used as locking devices to prevent Hexagon Head Bolts, type AS from loosening. Alternative materials and surface finishings are available upon request. Contact STAUFF for further information.

### Safety Washer

(for Use with Hexagon Head Bolt AS)

Type SI (DIN 463)



**Safety Washer SI**

(Bend longer tab down towards the side of the clamp body and shorter tab up towards one of the flats of the hexagon head bolt)

#### Ordering Codes

**Safety Washer \*SI-\*10.5-\*DIN463-\*W3**

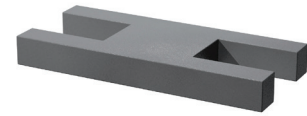
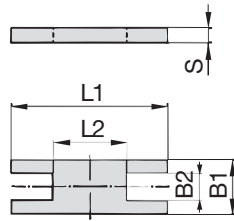
- \* Safety Washer **SI**
- \* Exact inner diameter ØD1 (mm) **10.5**
- \* Type of washer Safety washer with 2 tabs (according to DIN 463) **DIN 463**
- \* Material code Carbon Steel, zinc/nickel-plated **W3**  
 Stainless Steel V4A **W5**  
 1.4401 / 1.4571 (AISI 316 / 316 Ti)

Group STAUFF	DIN	Dimensions (mm / in)						Ordering Codes (Standard Options)	
		ØD1	B	ØD2	L1	L2	R		S
3S	1	10,5	10	21	22	13	4	0,75	SI-10.5-DIN463-W3
		.41	.39	.83	.87	.51	.16	.03	
4S	2	10,5	10	21	22	13	4	1	SI-10.5-DIN463-W3
		.41	.39	.83	.87	.51	.16	.04	
5S	3	10,5	10	21	22	13	4	1	SI-10.5-DIN463-W3
		.41	.39	.83	.87	.51	.16	.04	
6S	4	13	12	24	28	15	6	1	SI-13-DIN463-W3
		.51	.47	.94	1.10	.59	.24	.04	
7S	5	17	15	30	32	18	6	1	SI-17-DIN463-W3
		.67	.59	1.18	1.26	.71	.24	.04	
8S	6	21	18	37	36	21	6	1	SI-21-DIN463-W3
		.83	.71	1.46	1.42	.83	.24	.04	
9S	7	25	20	44	42	25	6	1	SI-25-DIN463-W3
		.98	.79	1.73	1.65	.98	.24	.04	
10S	8	31	26	56	52	32	10	1,6	SI-31-DIN463-W3
		1.22	1.02	2.20	2.05	1.26	.39	.06	
11S	9	31	26	56	52	32	10	1,6	SI-31-DIN463-W3
		1.22	1.02	2.20	2.05	1.26	.39	.06	
12S	10	31	26	56	52	32	10	1,6	SI-31-DIN463-W3
		1.22	1.02	2.20	2.05	1.26	.39	.06	

Safety Washers, type SI are used as locking devices to prevent Hexagon Head Bolts, type AS from loosening. Alternative materials and surface finishings are available upon request. Contact STAUFF for further information.



**Safety Locking Plate**  
(for Use with Stacking Bolt AF)  
Type SIP



**B**

Group STAUFF	DIN	Dimensions (mm/in)					Ordering Codes (Standard Options)
		L1	L2	B1	B2	S	
3S	1	57	13	30	15,2	8	SIP-3S-W2
		2.24	.51	1.18	.60	.31	
4S	2	70	26	30	15,2	8	SIP-4S-W2
		2.76	1.02	1.18	.60	.31	
5S	3	85	40	30	15,2	8	SIP-5S-W2
		3.35	1.57	1.18	.60	.31	
6S	4	116	68	45	17,2	10	SIP-6S-W2
		4.57	2.68	1.77	.68	.39	
7S	5	153	96	60	22	10	SIP-7S-W2
		6.02	3.78	2.36	.87	.39	
8S	6	206	130	80	28	15	SIP-8S-W1
		8.11	5.12	3.15	1.10	.59	
9S	7	251	166	90	31	15	SIP-9S-W1
		9.88	6.54	3.54	1.22	.59	
10S	8	317	205	120	49	25	SIP-10-S-W1
		12.48	8.07	4.72	1.93	.98	

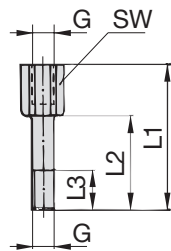
**Ordering Codes**

**Safety Locking Plate** \*SIP-\*3S-\*W2

* Safety Locking Plate		SIP
* STAUFF Group		3S
* Material code	Carbon Steel, uncoated	W1
	Carbon Steel, phosphated	W2
	Carbon Steel, zinc/nickel-plated	W3
	Stainless Steel V2A	W4
	1.4301 / 1.4305 (AISI 304 / 303)	W4
	Stainless Steel V4A	W5
	1.4401 / 1.4571 (AISI 316 / 316 Ti)	W5

Alternative materials and surface finishings are available upon request. Contact STAUFF for further information.

**Stacking Bolt**  
(for Use with Safety Locking Plate SIP)  
Type AF



Group STAUFF	DIN	Dimensions (mm/in)					Ordering Codes (Standard Options)
		L1	L2	L3 min.	Hex	Thread G	
3S	1	49	25	15	15	M10	AF-3S-M-W2
		1.93	.98	.59	.59	3/8-16 UNC	AF-3S-U-W3*
4S	2	65	40	15	15	M10	AF-4S-M-W2
		2.56	1.57	.59	.59	3/8-16 UNC	AF-4S-U-W3*
5S	3	77	51	15	15	M10	AF-5S-M-W2
		3.03	2.01	.59	.59	3/8-16 UNC	AF-5S-U-W3*
6S	4	110	82	18	17	M12	AF-6S-M-W2
		4.33	3.23	.71	.67	7/16-14 UNC	AF-6S-U-W3*
7S	5	144	110	24	22	M16	AF-7S-M-W2
		5.67	4.33	.94	.87	5/8-11 UNC	AF-7S-U-W3*
8S	6	200	150	30	27	M20	AF-8S-M-W2
		7.87	5.91	1.18	1.06	3/4-10 UNC	AF-8S-U-W1*
9S	7	240	180	50	30	M24	AF-9S-M-W2
		9.45	7.09	1.97	1.18	7/8-9 UNC	AF-9S-U-W1*
10S	8	331	256	62	46	M30	AF-10S-M-W2
		13.03	10.08	2.44	1.81	1-1/8-7 UNC	AF-10S-U-W1*

**Ordering Codes**

**Stacking Bolt** \*AF-\*3S-\*M-\*W2

* Stacking Bolt		AF
* STAUFF Group		3S
* Thread code	Metric ISO thread	M
	Unified coarse (UNC) thread	U
* Material code	Carbon Steel, uncoated	W1
	Carbon Steel, phosphated	W2
	Carbon Steel, zinc/nickel-plated	W3
	Stainless Steel V2A	W4
	1.4301 / 1.4305 (AISI 304 / 303)	W4
	Stainless Steel V4A	W5
	1.4401 / 1.4571 (AISI 316 / 316 Ti)	W5

All threaded parts are available with Metric ISO thread or unified coarse (UNC) thread according to dimension table. Alternative materials and surface finishings are available upon request. Contact STAUFF for further information.

\* Standard finishing option for Heavy Series group sizes 3S to 7S in North America is W3 (Carbon Steel, zinc/nickel-plated). Standard finishing option for Heavy Series group sizes 8S to 10S in North America is W1 (Carbon Steel, uncoated).





B

### ① Type of Installation

Please select the type of installation (e.g. Weld Plates, Rail Nuts etc.) and add the corresponding Code to position ① of the order code for your clamp assembly.

Without Installation Equipment  
Code: **none**

#### Installation on Weld Plate

Weld Plate for Single Clamps  
Code: **SPAL**

Weld Plate for Double Clamps  
Code: **SPAS**

Elongated Weld Plate for Single Clamps  
Code: **SPAL-DUEB**

Elongated Weld Plate for Double Clamps  
Code: **SPAS-DUEB**

#### Installation on Mounting / Channel Rail

Mounting Rail Nut  
Code: **GMV** (for STAUFF Group 3S to 6S only)

Channel Rail Adaptor  
Code: **CRA** (for STAUFF Group 3S to 6S only)

### ② Group Size & Diameter

Please select the required group size and diameter and add the corresponding Code to position ② of the order code for your clamp assembly.

Group STAUFF (DIN)	Outside Diameter P / T / H (mm)	Availability of Clamp Body Materials & Designs			Code
		Profiled Design	Type H	Type RI	
3S (1)	6	●	●	○	3006
	6,4	●	●	○	3006.4
	8	●	●	○	3008
	9,5	●	●	○	3009.5
	10	●	●	○	3010
	12	●	●	○	3012
	12,7	●	●	○	3012.7
	13,5	●	●	○	3013.5
	14	●	●	○	3014
	15	●	●	○	3015
	16	●	●	○	3016
	17,2	●	●	○	3017.2
18	●	●	○	3018	
20	●	○	○	3020	

### ② Group Size & Diameter CONTINUATION

Group STAUFF (DIN)	Outside Diameter P / T / H (mm)	Availability of Clamp Body Materials & Designs			Code
		Profiled Design	Type H	Type RI	
4S (2)	6	○	○	●	4006
	8	○	○	●	4008
	10	○	○	●	4010
	12	○	○	●	4012
	12,7	○	○	●	4012.7
	14	○	○	●	4014
	15	○	○	●	4015
	16	○	○	●	4016
	17,2	○	○	●	4017.2
	18	○	○	●	4018
	19	●	●	●	4019
	20	●	●	○	4020
	21,3	●	●	○	4021.3
	22	●	●	○	4022
	25	●	●	○	4025
	25,4	●	●	○	4025.4
	26,9	●	●	○	4026.9
	28	●	●	○	4028
	30	●	●	○	4030
5S (3)	20	○	○	●	5020
	21,3	○	○	●	5021.3
	22	○	○	●	5022
	25	○	○	●	5025
	26,9	○	○	●	5026.9
	28	○	○	●	5028
	30	●	●	●	5030
	32	●	●	●	5032
	33,7	●	●	○	5033.7
	35	●	●	○	5035
	38	●	●	○	5038
	40	●	●	○	5040
41,3	●	●	○	5041.3	
42	●	●	○	5042	
6S (4)	32	○	○	●	6032
	33,7	○	○	●	6033.7
	35	○	○	●	6035
	38	●	●	○	6038
	38,7	○	○	●	6038.7
	40	○	○	●	6040
	42	●	●	●	6042
	44,5	●	●	○	6044.5
	45,5	○	○	●	6045.5
	48	○	○	●	6048
	48,3	●	●	○	6048.3
	50,8	●	●	○	6050.8
	51	○	○	●	6051
	53,4	○	○	●	6053.4
	54	●	○	○	6054

### ② Group Size & Diameter CONTINUATION

Group STAUFF (DIN)	Outside Diameter P / T / H (mm)	Availability of Clamp Body Materials & Designs			Code	
		Profiled Design	Type H	Type RI		
6S (4)	55	●	●	○	6055	
	56,4	○	○	●	6056.4	
	57	●	●	○	6057	
	57,2	●	●	○	6057.2	
	60,3	●	●	○	6060.3	
	63,5	●	●	○	6063.5	
	65	●	●	○	6065	
	70	●	●	○	6070	
	7S (5)	55	○	○	●	7055
		57	○	○	●	7057
60		○	○	●	7060	
60,3		●	○	○	7060.3	
63,5		○	○	●	7063.5	
65		●	○	●	7065	
70		●	○	●	7070	
72		○	○	●	7072	
73		●	○	○	7073	
75		●	○	○	7075	
76		○	○	●	7076	
76,1		●	○	○	7076.1	
8S (6)	80	●	○	○	7080	
	82,5	●	○	○	7082.5	
	88,9	●	○	○	7088.9	
	80	○	○	●	8080	
	88,9	●	○	●	8088.9	
	100	●	○	○	8100	
	102	●	○	●	8102	
	108	●	○	○	8108	
	114	●	○	○	8114	
	127	●	○	○	8127	
	133	●	○	○	8133	
	9S (7)	114	○	○	●	9114
127		●	○	○	9127	
133		●	○	●	9133	
140		●	○	●	9140	
152		●	○	○	9152	
159		●	○	○	9159	
165		●	○	○	9165	
168		●	○	○	9168	
10S (8)	150	○	○	●	10150	
	165	○	○	●	10165	
	168	●	○	●	10168	
	172	○	○	●	10172	
	177,8	●	○	○	10177.8	
	193,7	●	○	○	10193.7	
	203	●	○	○	10203	
	216	●	○	○	10216	
	219	●	○	○	10219	
	11S (9)	219	●	○	○	11219
273		●	○	○	11273	
324		●	○	○	11324	
12S (10)	356	●	○	○	12356	
	406	●	○	○	12406	

● Standard Option





Please see pages 56 and 57 with detailed order examples for some of the most popular Heavy Series clamp assemblies.

### ③ Clamp Body Design & Material

Please select the design and material of your clamp body and add the corresponding **Code** to position ③ of the order code for your clamp assembly.

Please check the availability of the selected clamp body design and material according to the matrix table in ②.

#### Profiled Design

**Polypropylene**  
Code: **PP**

**Polypropylene** (Colour: Black)  
Code: **PP-BK**

**Polyamide**  
Code: **PA**

**Thermoplastic Elastomer** (87 Shore-A)  
Code: **SA87** (for STAUFF Group 3S to 6S only)

**Aluminium**  
Code: **AL**

#### Type H (Smooth)

**Polypropylene**  
Code: **PP-H** (for STAUFF Group 3S to 6S only)

**Polypropylene** (Colour: Black; 3S to 6S only)  
Code: **PP-H-BK**

**Polyamide**  
Code: **PA-H** (for STAUFF Group 3S to 6S only)

**Thermoplastic Elastomer** (87 Shore-A)  
Code: **SA87-H** (for STAUFF Group 3S to 6S only)

#### Type RI (with Elastomer Insert)

**Polypropylene**  
Code: **PP-R** (for STAUFF Group 4S to 10S only)

**Polyamide**  
Code: **PA-R** (for STAUFF Group 4S to 10S only)

See pages 178 / 179 for material properties and technical information.

Please contact STAUFF for further details on fire-proof clamp body materials, tested and approved according to several international fire-protection standards.



### ④ Mounting & Fitting Combination

Please select the mounting and fitting combination (e.g. bolts, screws, cover plates etc.) and add the corresponding **Code** to position ④ of the order code for your clamp assembly.

#### Installation with Cover Plate and Bolts

**Cover Plate for Single Clamps DPAL with Hexagon Head Bolts AS**  
Code: **DPAL-AS**

**Cover Plate for Double Clamps DPAS with Hexagon Head Bolts AS**  
Code: **DPAS-AS**

**Cover Plate for Single Clamps DPAL with Socket Cap Screws IS\***  
Code: **DPAL-IS** (for STAUFF Group 3S to 6S only)

#### Installation with Locking Plate and Bolts

**Safety Locking Plate SIP with Stacking Bolts AF**  
Code: **SIP-AF**

#### Installation with Bolts only

**Socket Cap Screws IS**  
Code: **IS**

\* Special lengths of Socket Cap Screws IS required. For exact lengths, please see details of Hexagon Head Bolt, type AS (for use with Cover Plates DPAL or DPAS) on page 51.

### ⑤ Thread Type

Please select the required thread type and add the corresponding **Code** to position ⑤ of the order code for your clamp assembly.

**Metric ISO thread**  
Code: **M**

**Unified coarse (UNC) thread**  
Code: **U**

All threaded parts are available with Metric ISO thread or unified coarse (UNC) thread according to dimension table.

### ⑥ Material & Surface Finishing

Please select the required material & surface finishing of the metal parts and add the corresponding **Code** to position ⑥ of the order code for your clamp assembly.

Metal parts made of Carbon Steel, uncoated **W1**

Metal parts made of Carbon Steel, phosphated **W2**

Metal parts made of Carbon Steel, zinc/nickel-plated **W3**

Metal parts made of Stainless Steel V2A 1.4301 / 1.4305 (AISI 304 / 303) **W4**

Metal parts made of Stainless Steel V4A 1.4401 / 1.4571 (AISI 316 / 316 Ti) **W5**

Weld Plate made of Carbon Steel, phosphated; Other metal parts made of Carbon Steel, zinc/nickel-plated **W10**

Weld Plate and Cover Plate made of Carbon Steel, phosphated; Bolts made of Carbon Steel, uncoated **W12**

Mounting Rail Nuts made of Carbon Steel, zinc/nickel-plated; Cover Plate made of Carbon Steel, phosphated; Bolts made of Carbon Steel, uncoated **W13**

Weld Plate / Cover Plate made of Carbon Steel, phosphated; Bolts made of Carbon Steel, zinc/nickel-plated **W15**

Mounting Rail Nuts made of Carbon Steel, zinc/nickel-plated; Cover Plate made of Carbon Steel, phosphated; Bolts made of Carbon Steel, zinc/nickel-plated **W16**

Safety Locking Plate made of Carbon Steel, phosphated; Stacking Bolts made of Carbon Steel, zinc/nickel-plated **W17**

Safety Locking Plate made of Carbon Steel, uncoated; Stacking Bolts made of Carbon Steel, phosphated **W18**

Cover Plate made of Carbon Steel, phosphated; Bolts made of Carbon Steel, uncoated **W19**

Individual combinations of alternative materials and surface finishings are available upon request. Contact STAUFF for further information.

### ⑦ Assembling & Kitting

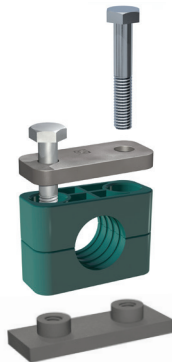
If required, please select an additional assembling and kitting option and add the corresponding **Code** to the last position of the order code for your clamp assembly.

**Components supplied separately**  
Code: **none** (standard option)

**Components assembled**  
Code: **A** (special option)

**Components packed in kits**  
Code: **K** (special option)

B

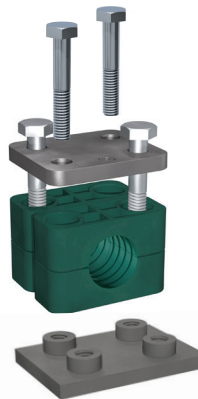


- 2x **Hexagon Head Bolt**  
Surface: W1  
Thread: Metric
- 1x **Cover Plate for Single Clamps**  
Surface: W2
- 1x **Clamp Body** (two halves)  
STAUFF Group 3S (DIN 1)  
O.D. 6 mm / .24 in  
Material: Polypropylene  
Profiled inside surface with tension clearance
- 1x **Weld Plate for Single Clamps**  
Surface: W2  
Thread: Metric

**Order Code**

**SPAL-3006-PP-DPAL-AS-M-W12**

W12 (STAUFF Group 3S to 7S) and W1 (STAUFF Group 8S to 12S) are the standard options for this type of installation.



- 4x **Hexagon Head Bolt**  
Surface: W1  
Thread: Metric
- 1x **Cover Plate for Double Clamps**  
Surface: W2
- 2x **Clamp Body** (four halves)  
STAUFF Group 3S (DIN 1)  
O.D. 6 mm / .24 in  
Material: Polypropylene  
Profiled inside surface with tension clearance
- 1x **Weld Plate for Double Clamps**  
Surface: W2  
Thread: Metric

**Order Code**

**SPAS-3006-PP-DPAS-AS-M-W12**

W12 (STAUFF Group 3S to 7S) and W1 (STAUFF Group 8S to 12S) are the standard options for this type of installation.

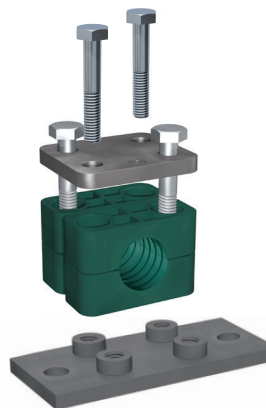


- 2x **Hexagon Head Bolt**  
Surface: W1  
Thread: Metric
- 1x **Cover Plate for Single Clamps**  
Surface: W2
- 1x **Clamp Body** (two halves)  
STAUFF Group 3S (DIN 1)  
O.D. 6 mm / .24 in  
Material: Polypropylene  
Profiled inside surface with tension clearance
- 1x **Elongated Weld Plate for Single Clamps**  
Surface: W2  
Thread: Metric

**Order Code**

**SPAL-DUEB-3006-PP-DPAL-AS-M-W12**

W12 (STAUFF Group 3S to 7S) and W1 (STAUFF Group 8S to 12S) are the standard options for this type of installation.



- 4x **Hexagon Head Bolt**  
Surface: W1  
Thread: Metric
- 1x **Cover Plate for Double Clamps**  
Surface: W2
- 2x **Clamp Body** (four halves)  
STAUFF Group 3S (DIN 1)  
O.D. 6 mm / .24 in  
Material: Polypropylene  
Profiled inside surface with tension clearance
- 1x **Elongated Weld Plate for Double Clamps**  
Surface: W2  
Thread: Metric

**Order Code**

**SPAS-DUEB-3006-PP-DPAS-AS-M-W12**

W12 (STAUFF Group 3S to 7S) and W1 (STAUFF Group 8S to 12S) are the standard options for this type of installation.



- 2x **Socket Cap Screw**  
Surface: W1  
Thread: Metric
- 1x **Clamp Body** (two halves)  
STAUFF Group 3S (DIN 1)  
O.D. 6 mm / .24 in  
Material: Polypropylene  
Profiled inside surface with tension clearance
- 1x **Weld Plate for Single Clamps**  
Surface: W2  
Thread: Metric

**Order Code**

**SPAL-3006-PP-IS-M-W12**

W12 is the standard option for this type of installation. Available up to STAUFF Group 6S (DIN Group 4) only.



- 2x **Socket Cap Screw**  
Surface: W1  
Thread: Metric
- 1x **Clamp Body** (two halves)  
STAUFF Group 3S (DIN 1)  
O.D. 6 mm / .24 in  
Material: Polypropylene  
Profiled inside surface with tension clearance
- 1x **Elongated Weld Plate for Single Clamps**  
Surface: W2  
Thread: Metric

**Order Code**

**SPAL-DUEB-3006-PP-IS-M-W12**

W12 is the standard option for this type of installation. Available up to STAUFF Group 6S (DIN Group 4) only.





- 2x **Hexagon Head Bolt**  
Surface: W1  
Thread: Metric
- 1x **Cover Plate for Single Clamps**  
Surface: W2
- 1x **Clamp Body** (two halves)  
STAUFF Group 3S (DIN 1)  
O.D. 6mm / .24 in  
Material: Polypropylene  
Profiled inside surface with tension clearance
- 2x **Mounting Rail Nut**  
Surface: W3  
Thread: Metric

**Order Code** (Mounting Rail STSV not included.)

**GMV-3006-PP-DPAL-AS-M-W13**

W13 is the standard option for this type of installation. Available up to STAUFF Group 6S (DIN Group 4) only.



- 2x **Socket Cap Screw**  
Surface: W1  
Thread: Metric
- 1x **Clamp Body** (two halves)  
STAUFF Group 3S (DIN 1)  
O.D. 6mm / .24 in  
Material: Polypropylene  
Profiled inside surface with tension clearance
- 2x **Mounting Rail Nut**  
Surface: W3  
Thread: Metric

**Order Code** (Mounting Rail STSV not included.)

**GMV-3006-PP-IS-M-W13**

W13 is the standard option for this type of installation. Available up to STAUFF Group 6S (DIN Group 4) only.

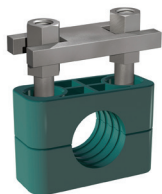


- 2x **Hexagon Head Bolt**  
Surface: W1  
Thread: Metric
- 1x **Cover Plate for Single Clamps**  
Surface: W2
- 1x **Clamp Body** (two halves)  
STAUFF Group 3S (DIN 1)  
O.D. 6mm / .24 in  
Material: Polypropylene  
Profiled inside surface with tension clearance

**Order Code**

**3006-PP-DPAL-AS-M-W19**

W19 (STAUFF Group 3S to 7S) and W1 (STAUFF Group 8S to 12S) are the standard options for this type of installation.



- 2x **Stacking Bolt**  
Surface: W2  
Thread: Metric
- 1x **Safety Locking Plate**  
Surface: W2
- 1x **Clamp Body** (two halves)  
STAUFF Group 3S (DIN 1)  
O.D. 6mm / .24 in  
Material: Polypropylene  
Profiled inside surface with tension clearance

**Order Code**

**3006-PP-SIP-AF-M-W2**

W2 (STAUFF Group 3S to 7S) and W18 (STAUFF Group 8S to 10S) are the standard options for this type of installation. Available up to STAUFF Group 10S (DIN Group 8) only.

### Thread codes

All threaded parts are available with Metric ISO thread or unified coarse (UNC) thread according to dimension table.

Metric ISO thread	<b>M</b>
Unified coarse (UNC) thread	<b>U</b>

### Material codes

The below listed material codes describe the materials and surface finishings of metal parts that are most relevant for Heavy Series clamp assemblies. Individual combinations of alternative materials and surface finishings are available upon request. Contact STAUFF for further information.

Metal parts made of Carbon Steel, uncoated	<b>W1</b>
Metal parts made of Carbon Steel, phosphated	<b>W2</b>
Metal parts made of Carbon Steel, zinc/nickel-plated	<b>W3</b>
Metal parts made of Stainless Steel V2A: 1.4301 / 1.4305 (AISI 304 / 303)	<b>W4</b>
Metal parts made of Stainless Steel V4A: 1.4401 / 1.4571 (AISI 316 / 316 Ti)	<b>W5</b>
Weld Plate made of Carbon Steel, phosphated; Other metal parts made of Carbon Steel, zinc/nickel-plated	<b>W10</b>
Weld Plate and Cover Plate made of Carbon Steel, phosphated; Bolts made of Carbon Steel, uncoated	<b>W12</b>
Mounting Rails Nut made of Carbon Steel, zinc/nickel-plated; Cover Plate made of Carbon Steel, phosphated; Bolts made of Carbon Steel, uncoated	<b>W13</b>
Weld Plate and Cover Plate made of Carbon Steel, phosphated; Bolts made of Carbon Steel, zinc/nickel-plated	<b>W15</b>
Mounting Rail Nuts made of Carbon Steel, zinc/nickel-plated; Cover Plate made of Carbon Steel, phosphated; Bolts made of Carbon Steel, zinc/nickel-plated	<b>W16</b>
Safety Locking Plate made of Carbon Steel, phosphated; Bolts made of Carbon Steel, zinc/nickel-plated	<b>W17</b>
Safety Locking Plate made of Carbon Steel, uncoated; Bolts made of Carbon Steel, phosphated	<b>W18</b>
Cover Plate made of Carbon Steel, phosphated; Bolts made of Carbon Steel, uncoated	<b>W19</b>

