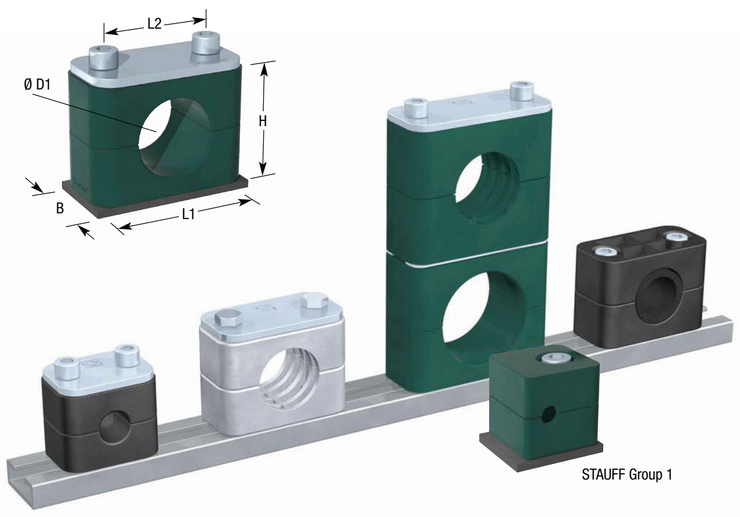
STAUFF®

Quick Reference Chart for

Pipe, Tube and Hose Clamps

STAUFF Clamps



STAUFF Group 1

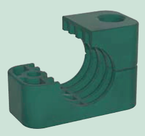
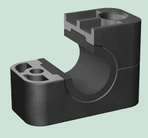
Standard Series

according to DIN 3015, Part 1

Groups, Sizes and Diameters

STAUFF Group	DIN Group	Ø D1 [mm]	Ø D1 [inch]	Nominal Bore Pipe [inch]	H max	L1	L2	B
1	0	6 - 12	1/4" - 3/8"	1/8"	27	28	–	30
1A	1	6 - 12	1/4" - 3/8"	1/8"	27	37	20	
2	2	12,7 - 18	1/2" - 5/8"	1/4" - 3/8"	33	42	26	
3	3	19 - 25,4	3/4" - 1"	1/2"	36	50	33	
4	4	26,9 - 30	-	3/4"	42	59	40	
5	5	32 - 42	1-1/4" - 1-1/2"	1" - 1-1/4"	58	71	52	
6	6	44,5 - 50,8	1-3/4" - 2"	1-1/2"	66	86	66	
7	7	57,2 - 76,1	2-1/4" - 3"	2 - 2-1/2"	93	121	94	
8	8	88,9 - 102	4"	3 - 3-1/2"	118	147	120	

Materials and Designs of Clamp Bodies

Standard-Version: Profiled Inside with Tension Clearance	H-Version: Smooth Inside without Tension Clearance	RI-Version with Elastomer Insert (only for STAUFF Groups 4 and 6)
PP **PA** **SA** **AL*** 	**PP-H** **PA-H** **SA-H**	**PP-R** **PA-R** 

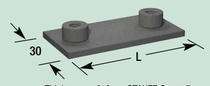
PP = Polypropylene PA = Polyamide SA = Santoprene AL= Aluminium I Special materials and designs are available on request

* Type AL only for STAUFF Groups 1A to 6

Types of Mounting

Single Weld Plate

SP W2

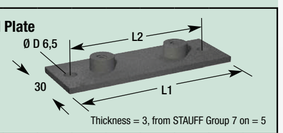


Thickness = 3, from STAUFF Group 7 on = 5

STAUFF Group	1	1A	2	3	4	5	6	7	8
Length L	31,5	36	42	50	60	71	88	122	148

Elongated Weld Plate

SPV W2

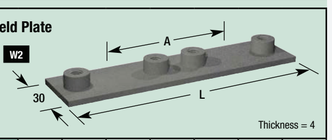


Thickness = 3, from STAUFF Group 7 on = 5

STAUFF Group	1	1A	2	3	4	5	6	7	8
Length L1	58	64	70	78	87	100	115	150	178
Length L2	44	50	56	64	73	86	100	136	162

Twin Weld Plate

DSP W2

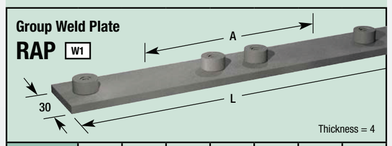


Thickness = 4

STAUFF Group	1	1A	2	3	4	5	6
Length L	87	77	86	102	120	145	178
Pipe Center Spacing A	40	37	44	52	60	75	90

Group Weld Plate

RAP W1

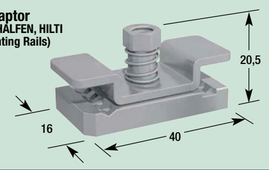


Thickness = 4

STAUFF Group	1	1A	2	3	4	5	6
Length L	314	373	442	521	300	378	450
Number of Clamps	10	10	10	10	5	5	5
Pipe Center Spacing A	31	37	44	52	60	75	90

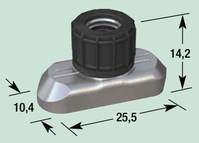
Channel Rail Adaptor
(for use with usual HALFEN, HILTI and UNISTRUT Mounting Rails)

CRA W3



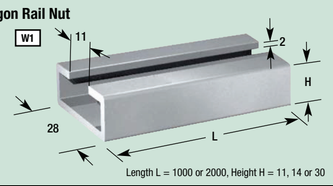
Hexagon Rail Nut
(for use with Mounting Rails TS)

SM W3



Hexagon Rail Nut

TS W1



Length L = 1000 or 2000, Height H = 11, 14 or 30

Types of Installation

Cover Plate

DP W3

Hexagon Head Bolt

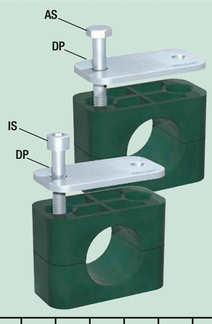
AS W3

Cover Plate

DP W3

Socket Cap Screw

IS W3



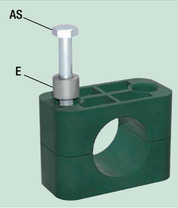
STAUFF Group	1	1A	2	3	4	5	6	7	8
Bolt M6 x	30	30	35	40	45	60	70	100	125

Insert
(Plastic / Steel)

E

Hexagon Head Bolt

AS W3



STAUFF Group	1	1A	2	3	4	5	6
Bolt M6 x	27	27	32	35	42	57	65

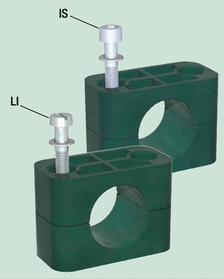
Socket Cap Screw
(with Washer)

IS W3

Socket Head Bolt
(with Washer)

LI W3

(LI only for STAUFF Groups 1A to 6)



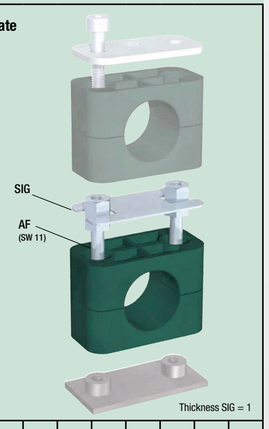
STAUFF Group	1	1A	2	3	4	5	6	7	8
Bolt M6 x	20	20	25	30	35	50	60	90	110

Safety Locking Plate

SIG W3

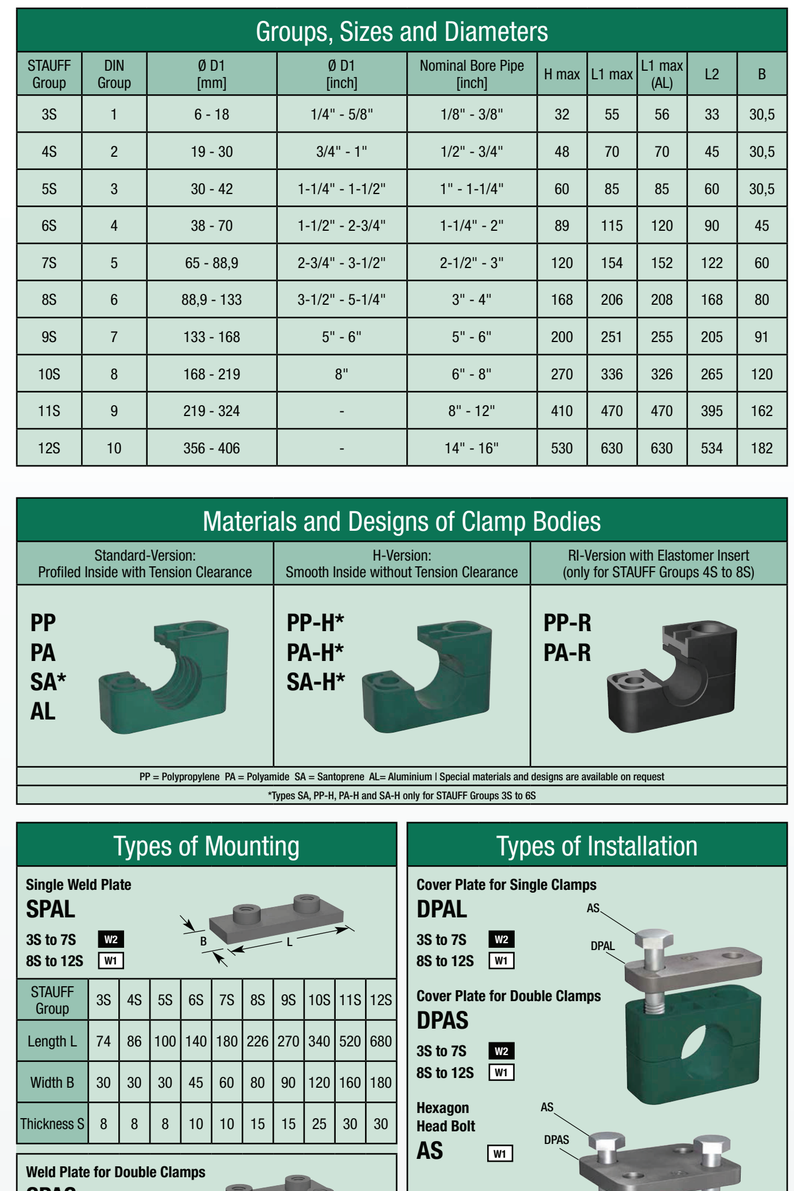
Stacking Bolt

AF W3



Thickness SIG = 1

STAUFF Group	1	1A	2	3	4	5	6	7	8
Bolt M6 x	34	34	40	44	49	64	74	99	124



Heavy Series

according to DIN 3015, Part 2

Groups, Sizes and Diameters

STAUFF Group	DIN Group	Ø D1 [mm]	Ø D1 [inch]	Nominal Bore Pipe [inch]	H max	L1 max	L1 max (AL)	L2	B
3S	1	6 - 18	1/4" - 5/8"	1/8" - 3/8"	32	55	56	33	30,5
4S	2	19 - 30	3/4" - 1"	1/2" - 3/4"	48	70	70	45	30,5
5S	3	30 - 42	1-1/4" - 1-1/2"	1" - 1-1/4"	60	85	85	60	30,5
6S	4	38 - 70	1-1/2" - 2-3/4"	1-1/4" - 2"	89	115	120	90	45
7S	5	65 - 88,9	2-3/4" - 3-1/2"	2-1/2" - 3"	120	154	152	122	60
8S	6	88,9 - 133	3-1/2" - 5-1/4"	3" - 4"	168	206	208	168	80
9S	7	133 - 168	5" - 6"	5" - 6"	200	251	255	205	91
10S	8	168 - 219	8"	6" - 8"	270	336	326	265	120
11S	9	219 - 324	-	8" - 12"	410	470	470	395	162
12S	10	356 - 406	-	14" - 16"	530	630	630	534	182

Materials and Designs of Clamp Bodies

Standard-Version: Profiled Inside with Tension Clearance	H-Version: Smooth Inside without Tension Clearance	RI-Version with Elastomer Insert (only for STAUFF Groups 4S to 8S)
PP **PA** **SA*** **AL**	**PP-H*** **PA-H*** **SA-H***	**PP-R** **PA-R**

PP = Polypropylene PA = Polyamide SA = Santoprene AL= Aluminium I Special materials and designs are available on request

*Types SA, PP-H, PA-H and SA-H only for STAUFF Groups 3S to 6S

Types of Mounting

Single Weld Plate

SPAL

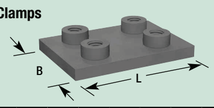
3S to 7S W2
8S to 12S W1

STAUFF Group	3S	4S	5S	6S	7S	8S	9S	10S	11S	12S
Length L	74	86	100	140	180	226	270	340	520	680
Width B	30	30	30	45	60	80	90	120	160	180
Thickness S	8	8	8	10	10	15	15	25	30	30

Weld Plate for Double Clamps

SPAS

3S to 7S W2
8S to 12S W1

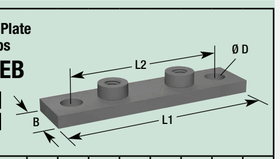


STAUFF Group	3S	4S	5S	6S	7S	8S	9S	10S	11S	12S
Length L	74	86	100	140	180	226	270	340	520	680
Width B	60	60	60	90	120	160	180	240	324	364
Thickness S	8	8	8	10	10	15	15	25	30	30

Elongated Weld Plate for Single Clamps

SPAL / DUEB

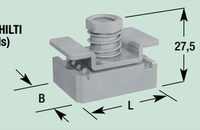
3S to 7S W2
8S to 12S W1



STAUFF Group	3S	4S	5S	6S	7S	8S	9S	10S	11S	12S
Length L1	113	125	140	187	238	309	370	440	590	750
Length L2	85	97	112	155	198	259	310	380	530	690
Width B	30	30	30	45	60	80	90	120	160	180
Diameter D	13	13	13	16	21	26	31	31	31	31
Thickness S	8	8	8	10	10	15	15	25	30	30

Channel Rail Adaptor
(for use with usual HALFEN, HILTI and UNISTRUT Mounting Rails)

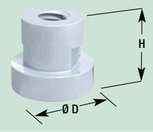
CRA W3



STAUFF Group	3S to 5S	6S
Length L	38	45
Width B	22	25

Hexagon Rail Nut
(for use with Mounting Rails STSV)

GMV W1

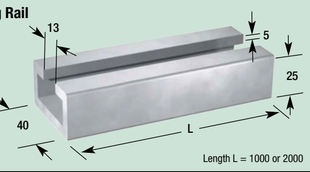


STAUFF Group	3S to 5S	6S
Diameter D	24	24
Height H	21	23

Mounting Rail

STSV

3S to 6S W1



Length L = 1000 or 2000

Types of Installation

Cover Plate for Single Clamps

DPAL

3S to 7S W2
8S to 12S W1

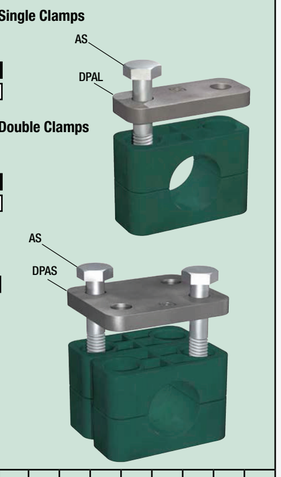
Cover Plate for Double Clamps

DPAS

3S to 7S W2
8S to 12S W1

Hexagon Head Bolt

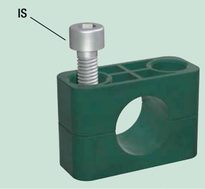
AS W1



STAUFF Group	3S	4S	5S	6S	7S	8S	9S	10S	11S	12S
Thickness S	8	8	8	10	10	15	15	25	30	30
Bolt	M10 x 45	M10 x 60	M10 x 70	M12 x 100	M16 x 130	M20 x 190	M24 x 220	M30 x 300	M30 x 450	M30 x 560

Socket Cap Screw

IS W1



STAUFF Group	3S	4S	5S	6S
Bolt	M10 x 30	M10 x 40	M10 x 50	M12 x 80

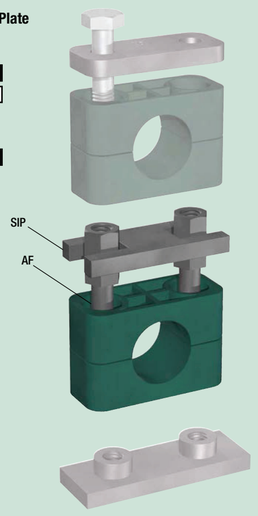
Safety Locking Plate

SIP

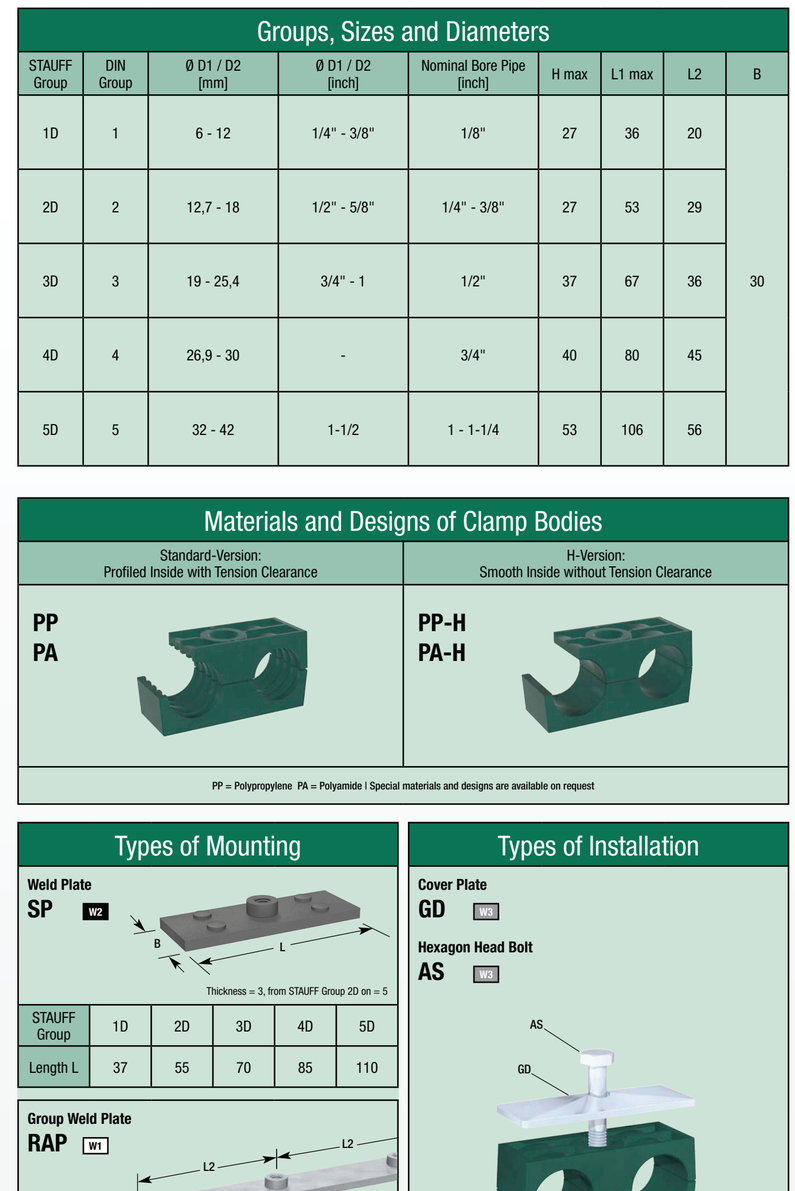
3S to 7S W2
8S to 10S W1

Stacking Bolt

AF W2



STAUFF Group	3S	4S	5S	6S	7S	8S	9S	10S
Thickness S	8	8	8	10	10	15	15	25
Bolt	M10 x 25	M10 x 40	M10 x 51	M12 x 82	M16 x 110	M20 x 150	M24 x 180	M30 x 256
Width across flats SW	15	15	15	17	21	27	30	46



Twin Series

according to DIN 3015, Part 3

Groups, Sizes and Diameters

STAUFF Group	DIN Group	Ø D1 / D2 [mm]	Ø D1 / D2 [inch]	Nominal Bore Pipe [inch]	H max	L1 max	L2	B
1D	1	6 - 12	1/4" - 3/8"	1/8"	27	36	20	30
2D	2	12,7 - 18	1/2" - 5/8"	1/4" - 3/8"	27	53	29	
3D	3	19 - 25,4	3/4" - 1	1/2"	37	67	36	
4D	4	26,9 - 30	-	3/4"	40	80	45	
5D	5	32 - 42	1-1/2	1 - 1-1/4	53	106	56	

Materials and Designs of Clamp Bodies

Standard-Version: Profiled Inside with Tension Clearance	H-Version: Smooth Inside without Tension Clearance
PP **PA**	**PP-H** **PA-H**

PP = Polypropylene PA = Polyamide I Special materials and designs are available on request

Types of Mounting

Weld Plate

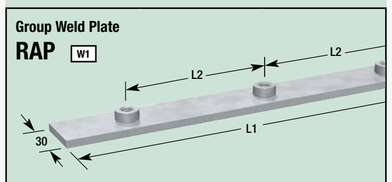
SP W2

Thickness = 3, from STAUFF Group 2D on = 5

STAUFF Group	1D	2D	3D	4D	5D
Length L	37	55	70	85	110

Group Weld Plate

RAP W1

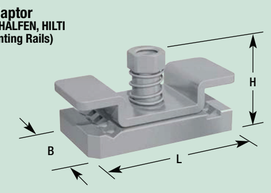


Thickness = 3, from STAUFF Group 2D on = 5

STAUFF Group	1D	2D	3D	4D	5D
Length L1	196	288	358	358	558
Length L2	40	58	72	90	112
Number of Clamps	5	5	5	5	5

Channel Rail Adaptor
(for use with usual HALFEN, HILTI and UNISTRUT Mounting Rails)

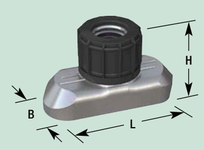
CRA W3



STAUFF Group	1D	2D	3D	4D	5D
Length L	40	38	38	38	38
Width B	16	53	53	80	80
Height H	20,5	27,5	27,5	27,5	27,5

Hexagon Rail Nut
(for use with Mounting Rails TS)

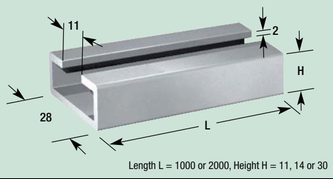
SM W3



STAUFF Group	1D	2D to 5D
Length L	25,5	25,5
Width B	10,4	10,4
Height H	14,2	13

Mounting Rail

TS W1



Length L = 1000 or 2000, Height H = 11, 14 or 30

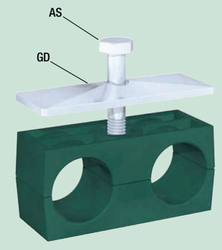
Types of Installation

Cover Plate

GD W3

Hexagon Head Bolt

AS W3



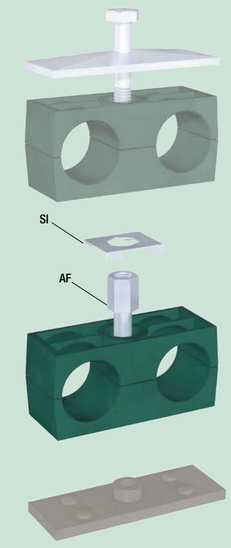
STAUFF Group	1D	2D	3D	4D	5D
Bolt	M6 x 35	M8 x 35	M8 x 45	M8 x 50	M8 x 60

Safety Locking Plate

SI W3

Stacking Bolt

AF W3



STAUFF Group	1D	2D	3D	4D	5D
Bolt	M6 x 20	M8 x 20	M8 x 29	M8 x 34	M8 x 46
Width across flats SW	11	12	12	12	12

Materials and Surface Finishings of Metal Components

W1 = Steel, untreated W1	W2 = Steel, phosphated W2	W3 = Steel, zinc / nickel coated W3	All metal components are also available in stainless steel V2A and V4A.

Unless otherwise stated, all dimensions in mm. This poster shows our most popular components and assemblies.
Please contact STAUFF or your local sales partner and ask for the complete catalogue.

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