5


P. 63


P. 64


P. 64


P. 65


P. 65

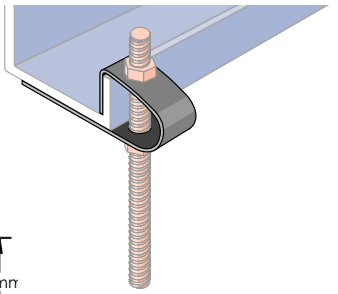

P. 66


P. 66

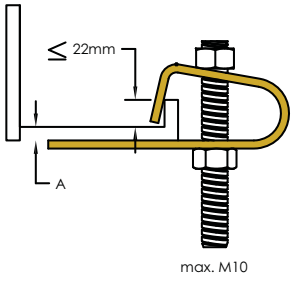

P. 67

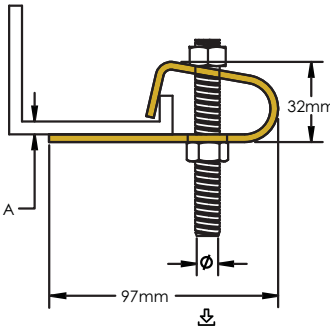
D1

		A (mm)	Ø (mm)	P		
336280	D1	≤4.0	11	P1	100	1200 N



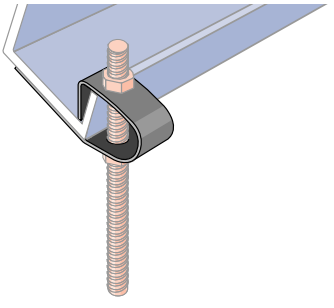




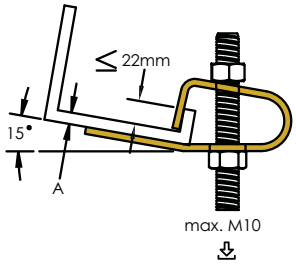


D2

		A (mm)	Ø (mm)	P		
339100	D2	≤4.0	11	P1	100	1200 N

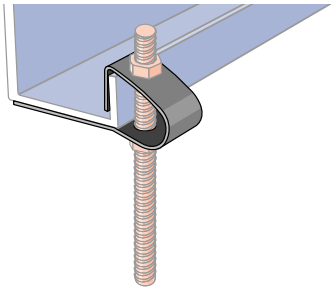




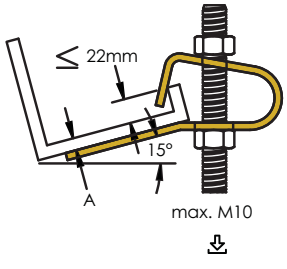


D3

		A (mm)	Ø (mm)	P		
339110	D3	≤4.0	11	P1	100	1200 N

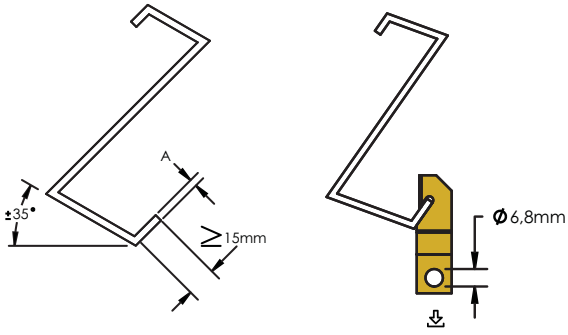






122

		A (mm)	Ø (mm)	P		
171690	122	≤2.8	6,8	P21	100	450 N

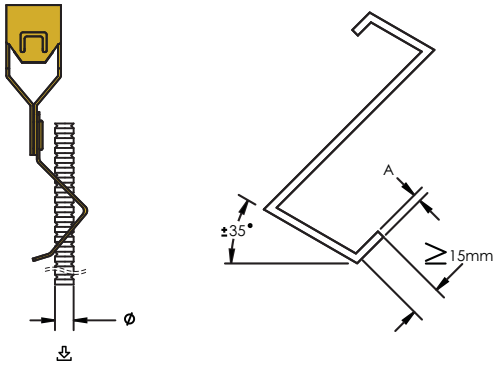






122-MA

		A (mm)	Ø	P		
174680	122 M6MA	≤2.8	M6	P21	100	450 N
174690	122 M8MA	≤2.8	M8	P21	100	450 N
174700	122 M10MA	≤2.8	M10	P21	100	450 N

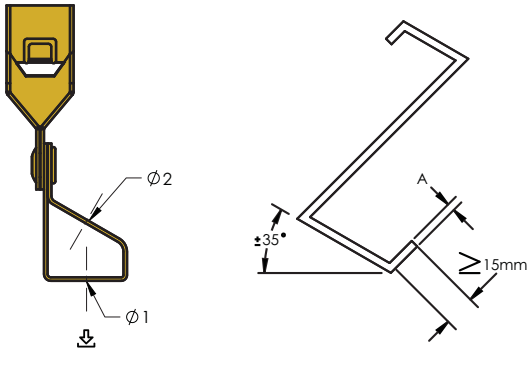






122-Ti

		A (mm)	Ø 1	Ø 2 (mm)	P		
174890	122M6Ti	≤2.8	M6	11x15	P21	100	450 N
174980	122M8Ti	≤2.8	M8	11x15	P21	100	450 N
175070	122M10Ti	≤2.8	M10	11x15	P21	100	450 N
160240	122 T10	≤2.8	11 mm	11x15	P21	100	450 N

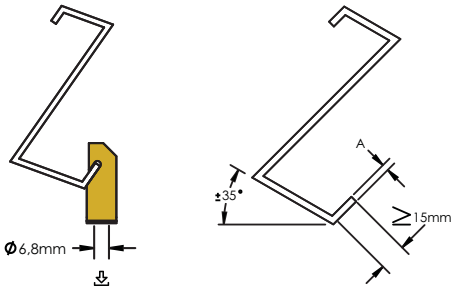






123

		A (mm)	Ø (mm)	P		
171700	123	≤2.8	6,8	P21	100	450 N

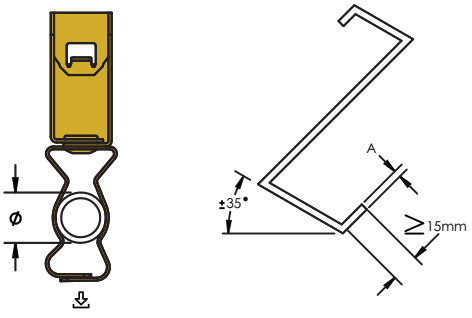


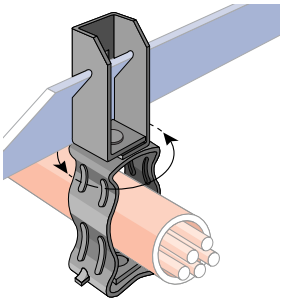




123-M

		A (mm)	Ø (mm)	P		
174760	123 6M	≤2.8	14-18	P21	100	450 N
160420	123 812M	≤2.8	18-30	P21	100	450 N
174790	123 16M	≤2.8	30-35	P21	100	450 N
177760	123 20M	≤2.8	35-42	P21	50	450 N



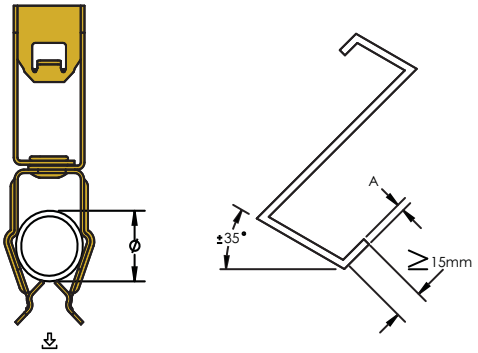


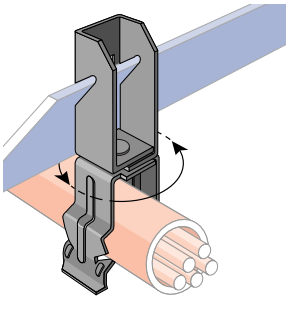




123-P

		A (mm)	Ø (mm)	P		
176720	123 8P	≤2.8	18-22	P21	100	110 N
176730	123 12P	≤2.8	22-30	P21	100	110 N
176740	123 16P	≤2.8	30-35	P21	50	110 N



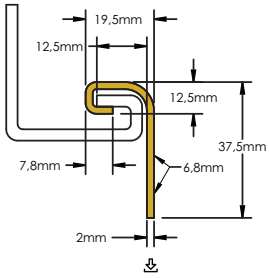






PW2

		Ø (mm)	P		
175590	PW2	6,8	P21	100	700 N

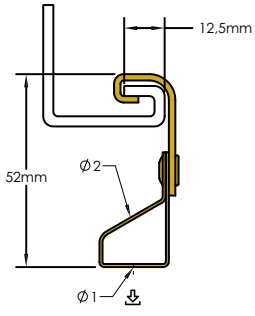






PW2 Ti/T IN

		Ø 1	Ø 2 (mm)	P		
175600	PW2M6Ti IN	M6	11x15	P21	100	700 N
175610	PW2M8Ti IN	M8	11x15	P21	100	700 N
175620	PW2M10Ti IN	M10	11x15	P21	100	700 N
175630	PW2T10Ti IN	11 mm	11x15	P21	100	700 N

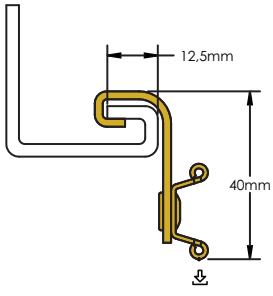






PW2-CT

		P		
175690	PW2-CT	P21	100	700 N

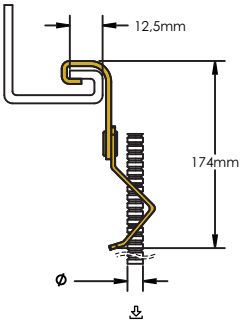






PW2-MA

		Ø	P		
175730	PW2 M6MA	M6	P21	100	600 N
175740	PW2 M8MA	M8	P21	100	700 N
175750	PW2 M10MA	M10	P21	100	700 N

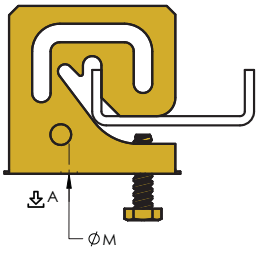


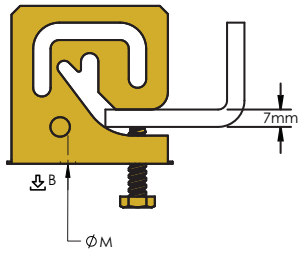




PH/PHSW

		Fig. #	Ø	P		A	B
182150	PH6M	1	M6	P1	25	900 N	650 N
182160	PH8M	1	M8	P1	25	900 N	650 N
182170	PH10M	1	M10	P1	25	900 N	650 N
182180	PHSW6M	2	M6	P1	25	900 N	650 N
182190	PHSW8M	2	M8	P1	25	900 N	650 N
182200	PHSW10M	2	M10	P1	25	900 N	650 N





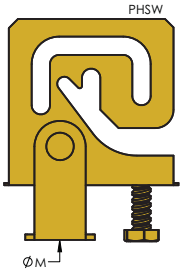






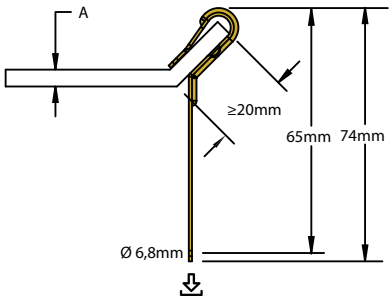
Fig. #1



Fig. #2

AF14

		A (mm)	P		
179860	AF14	1.5 - 6.0	P21	100	350 N

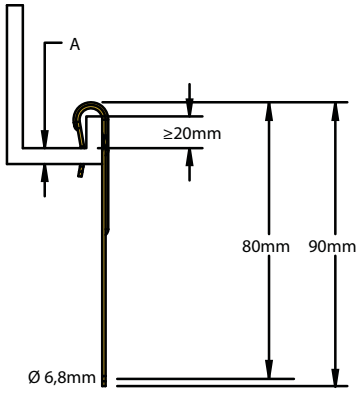






VF14

		A (mm)	P		
179850	VF14	1.5 - 6.0	P21	100	600 N







VAFT

190330	VAFT	1

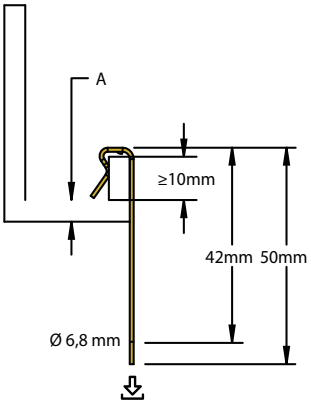


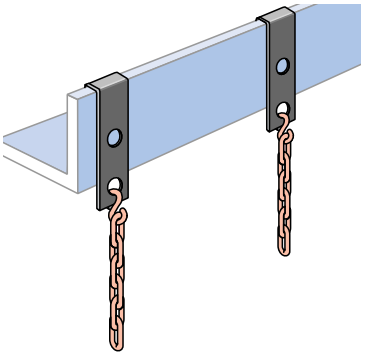




J

		A (mm)	P			
170370	J1	1.5 - 4.0	P21	100	-	700 N
171590	J2	4.0 - 6.5	P21	100	-	700 N
172440	J1	1.5 - 4.0	P21	250	10x25	700 N

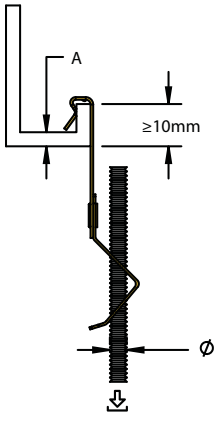






J-MA

		A (mm)	Ø	P		
173350	M6MAJ1	1.5 - 4.0	M6	P21	100	600 N
173360	M8MAJ1	1.5 - 4.0	M8	P21	100	700 N
173370	M10MAJ1	1.5 - 4.0	M10	P21	100	700 N
173380	M6MAJ2	4.0 - 6.5	M6	P21	100	600 N
173390	M8MAJ2	4.0 - 6.5	M8	P21	100	700 N
173400	M10MAJ2	4.0 - 6.5	M10	P21	100	700 N



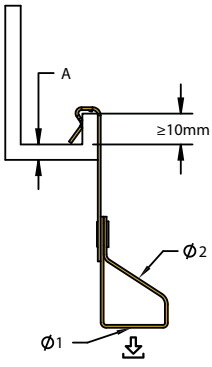




J-Ti/T

		A (mm)	Ø 1	Ø 2 (mm)	P			
174870	M6TiJ1	1.5 - 4.0	M6	11x15	P21	100	-	700 N
174960	M8TiJ1	1.5 - 4.0	M8	11x15	P21	100	-	700 N
175050	M10TiJ1	1.5 - 4.0	M10	11x15	P21	100	-	700 N
174880	M6TiJ2	4.0 - 6.5	M6	11x15	P21	100	-	700 N
174970	M8TiJ2	4.0 - 6.5	M8	11x15	P21	100	-	700 N
175060	M10TiJ2	4.0 - 6.5	M10	11x15	P21	100	-	700 N
160220	T10J1	1.5 - 4.0	11 mm	11x15	P21	100	-	700 N
160230	T10J2	4.0 - 6.5	11 mm	11x15	P21	100	-	700 N
172190	T10J1	1.5 - 4.0	11 mm	11x15	P21	250	10x25	700 N







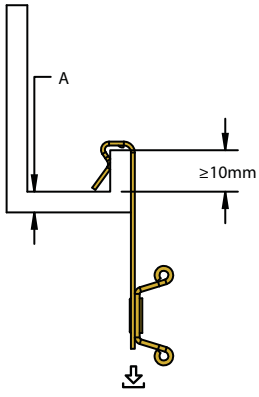
J-CT/CTB

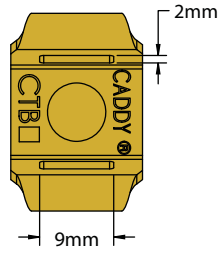
		Fig. #	A (mm)	P		
170610	J1CT	1	1.5 - 4.0	P21	50	150 N
170410	J1CTBB	2	1.5 - 4.0	P21	100	150 N
170360	J1CTBW	3	1.5 - 4.0	P21	100	150 N
170350	J2CT	1	4.0 - 6.5	P21	50	150 N
170440	J2CTBB	2	4.0 - 6.5	P21	100	150 N
170390	J2CTBW	3	4.0 - 6.5	P21	100	150 N


Fig. #1


Fig. #2


Fig. #3

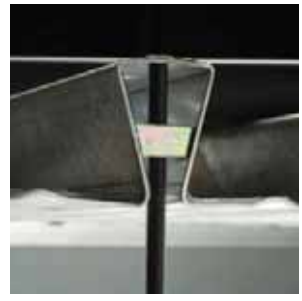




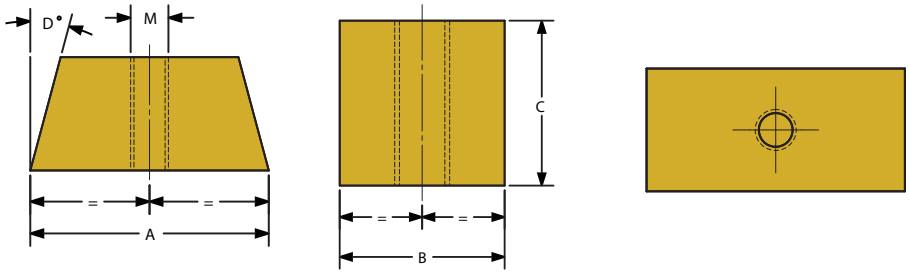


HW

		A (mm)	B (mm)	C (mm)	M	d°	P	
187260	HW4	25	12	12	M4	15°	P1	100
187270	HW6	25	12	12	M6	15°	P1	100
187280	HW8	25	12	12	M8	15°	P1	100
187290	HW10	25	12	12	M10	15°	P1	100
187300	HW12	25	16	16	M12	15°	P1	100
188770	HW6ST	25	10	9.5	M6	15°	P1	100
188810	HW8ST	25	10	9.5	M8	15°	P1	100
188720	HW4M	19	10	9.5	M4	15°	P1	100
188740	HW6M	19	10	9.5	M6	15°	P1	100
188780	HW8M	19	10	9.5	M8	15°	P1	100
188830	PHW4	18	10	9.5	M4	25°	P1	100
188840	PHW6	18	10	9.5	M6	25°	P1	100
188850	PHW8	18	10	9.5	M8	25°	P1	100
196240	PHWC6	18	9.5	9.5	M6	25°	P1	100
196260	PHWC8	18	9.5	9.5	M8	25°	P1	100



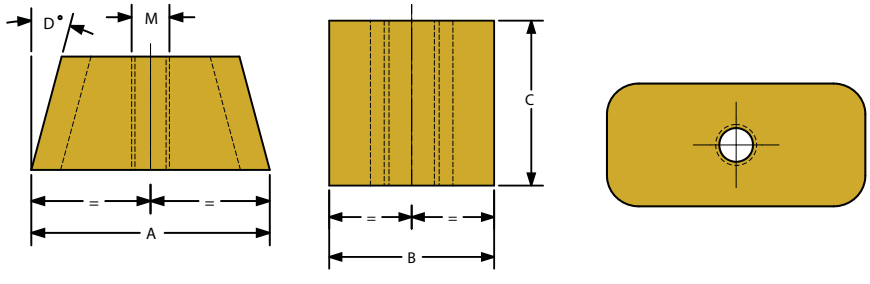




HW-SR

		A (mm)	B (mm)	C (mm)	M	d°	P	
188760	HW6SR	21	13	10	M6	12°	P1	100
188800	HW8SR	21	13	10	M8	12°	P1	100
188820	HW10SR	21	13	10	M10	12°	P1	100



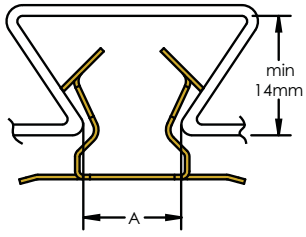


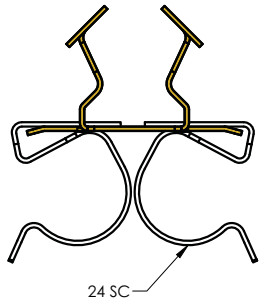
SCD

		A (mm)	P	
188170	SCD12-17	12 - 17	P21	100
188180	SCD17-22	17 - 22	P21	100









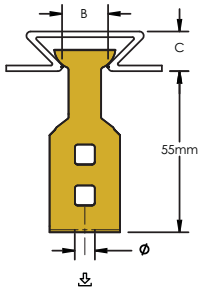


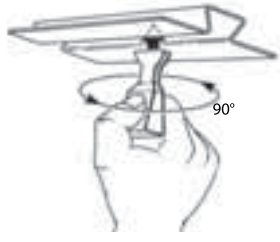
GTD

		B (mm)	C (mm)	Ø	P		
160320	M6GTD12-17	12 - 17	>14	M6	P21	100	600 N
160330	M8GTD12-17	12 - 17	>14	M8	P21	100	900 N
160340	M10GTD12-17	12 - 17	>14	M10	P21	100	900 N
160380	10GTD12-17	12 - 17	>14	10.5 mm	P21	100	900 N
160350	M6GTD17-22	17 - 22	>16	M6	P21	100	600 N
160360	M8GTD17-22	17 - 22	>16	M8	P21	100	900 N
160370	M10GTD17-22	17 - 22	>16	M10	P21	100	900 N
160390	10GTD17-22	17 - 22	>16	10.5 mm	P21	100	900 N



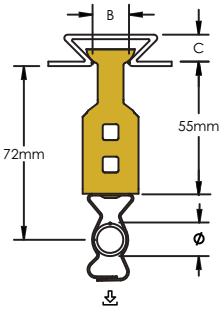


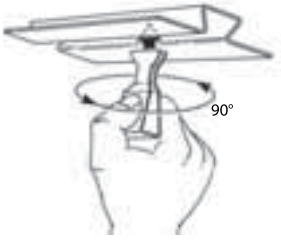




GTD-M

		B (mm)	C (mm)	Ø (mm)	P		
160400	812MGTD12-17	12 - 17	>14	18-30	P21	50	450 N
160410	812MGTD12-22	17 - 22	>16	18-30	P21	50	450 N



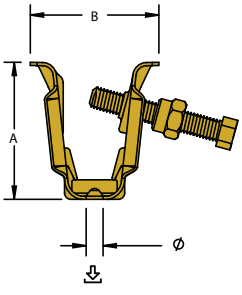






UDH

		A (mm)	B (mm)	Ø	P		
187302	UDHM6	51	34 - 60	M6	P21	50	1500 N
187303	UDHM8	51	34 - 60	M8	P21	50	1500 N
187304	UDHM10	51	34 - 60	M10	P21	50	1500 N

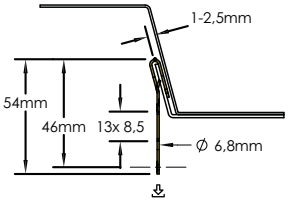


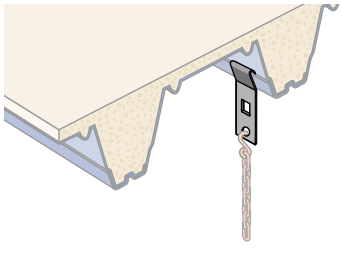




OCDC

		Ø (mm)	P		
160700	OCDC	6.8	P21	100	400 N

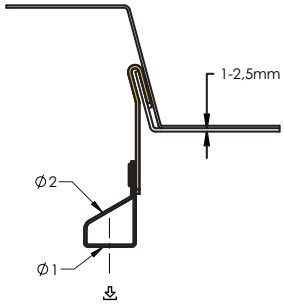






OCDC-TI/T

		Ø 1	Ø 2 (mm)	P		
160710	M6TiOCDC	M6	11x15	P21	100	400 N
160720	M8TiOCDC	M8	11x15	P21	100	400 N
160730	M10TiOCDC	M10	11x15	P21	100	400 N
160740	T100CDC	11 mm	11x15	P21	100	400 N



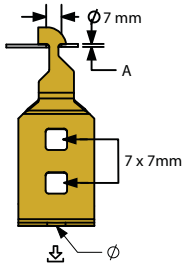


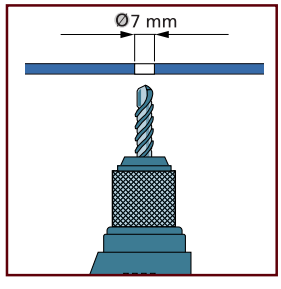
VKR

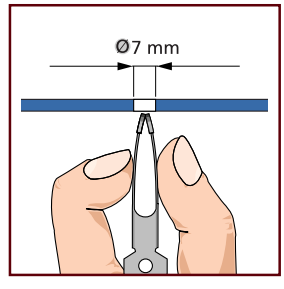
		A (mm)	Ø	P			
160640	M6VKR	0.8 - 2.0	M6	P21	100	-	450 N
		2.0 - 3.0					600 N
160650	M8VKR	0.8 - 2.0	M8	P21	100	-	450 N
		2.0 - 3.0					900 N
160660	M10VKR	0.8 - 2.0	M10	P21	100	-	450 N
		2.0 - 3.0					900 N
175800	M6VKR	0.8 - 2.0	M6	P21	250	10x25	450 N
		2.0 - 3.0					900 N
175810	M8VKR	0.8 - 2.0	M8	P21	250	10x25	450 N
		2.0 - 3.0					900 N
175820	M10VKR	0.8 - 2.0	M10	P21	250	10x25	450 N
		2.0 - 3.0					900 N





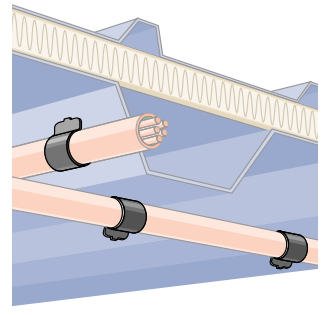


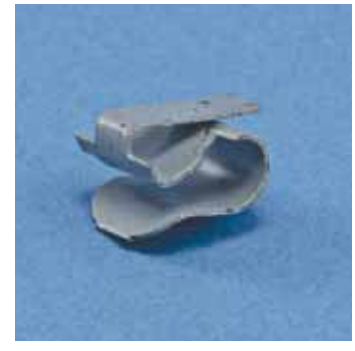


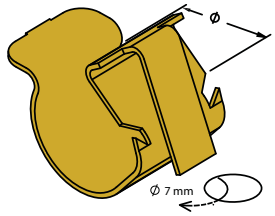


HSC

		Ø (mm)	P	
186000	HSC67	6-7	P21	100
187740	HSC78	7-8	P21	100
186010	HSC89	8-9	P21	100
187780	HSC910	9-10	P21	100
186020	HSC1011	10-11	P21	100
186030	HSC1214	12-14	P21	100
186040	HSC1518	15-18	P21	100
186050	HSC1924	19-24	P21	100
186060	HSC2530	25-32	P21	100



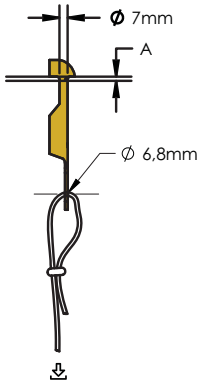




EBC, EM, EER, H, J1, J2, AF14, VF14, 122, 123, TDH, OCDC, PW2, PCS, Z, ESC, 4H24Di

EER

		A (mm)	P			
171470	EER	0.8 - 2.0	P21	100	-	450 N
		2.0 - 3.0				900 N
172200	EER	0.8 - 2.0	P21	250	10x25	450 N
		2.0 - 3.0				900 N

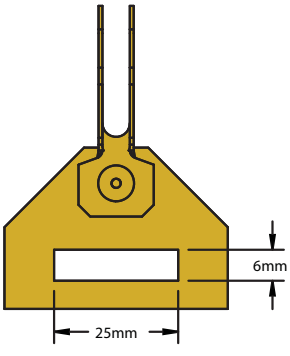


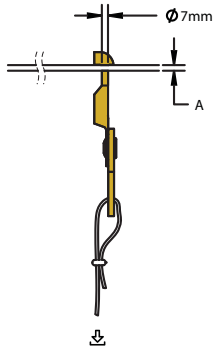


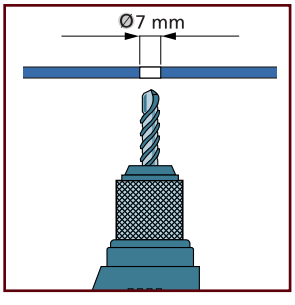


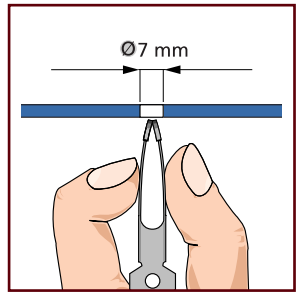
EERS

		A (mm)	P		
173080	EERS	0.8 - 2.0	P21	100	450 N
		2.0 - 3.0			900 N











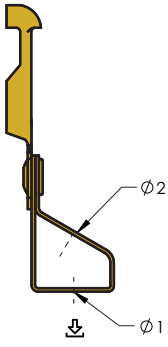


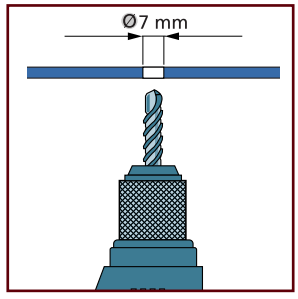
EER-TiT

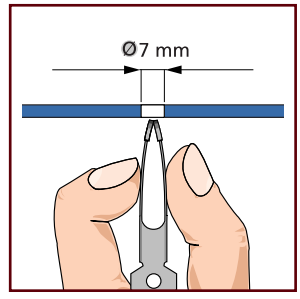
		A (mm)	Ø 1	Ø 2 (mm)	P		
173120	EERM6Ti	0.8 - 2.0	M6	11x15	P21	100	450 N
		2.0 - 3.0					900 N
173130	EERM8Ti	0.8 - 2.0	M8	11x15	P21	100	450 N
		2.0 - 3.0					900 N
173140	EERM10Ti	0.8 - 2.0	M10	11x15	P21	100	450 N
		2.0 - 3.0					900 N
160250	EERT10	0.8 - 2.0	11 mm	11x15	P21	100	450 N
		2.0 - 3.0					900 N









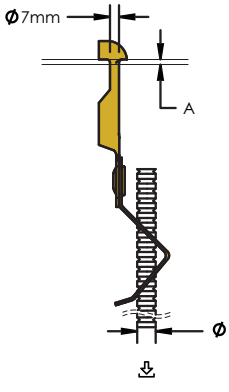


EER-MA

		A (mm)	Ø	P		
173170	EERM6MA	0.8 - 2.0	M6	P21	100	450 N
		2.0 - 3.0				600 N
173180	EERM8MA	0.8 - 2.0	M8	P21	100	450 N
		2.0 - 3.0				700 N
173190	EERM10MA	0.8 - 2.0	M10	P21	100	450 N
		2.0 - 3.0				700 N

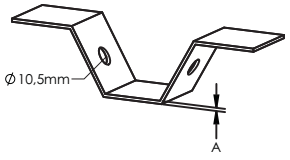






TDH

		Ø (mm)	P	
179920	TDH	14	P21	50

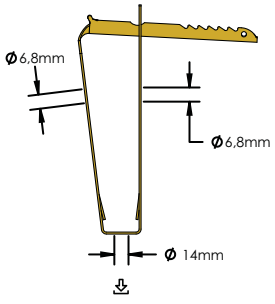


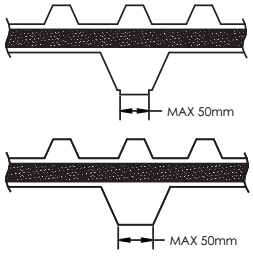






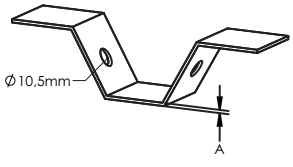
A (mm)	
0,63-0,70	600 N
0,70-0,80	700 N
0,80-1,00	800 N
1,00-1,20	1000 N
1,20-1,50	1200 N
>1,50	1500 N





TDH-M

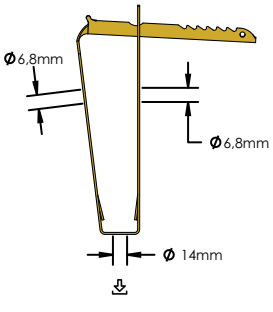
		Ø (mm)	P	
179930	TDHM6	M6	P21	50
179940	TDHM8	M8	P21	50
179950	TDHM10	M10	P21	50

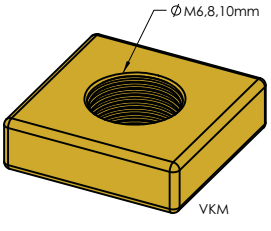


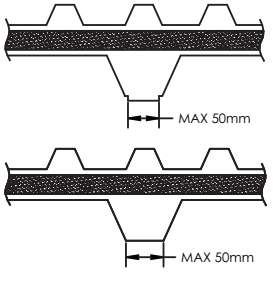




A (mm)	
0,63-0,70	600 N
0,70-0,80	700 N
0,80-1,00	800 N
1,00-1,20	1000 N
1,20-1,50	1200 N
>1,50	1500 N

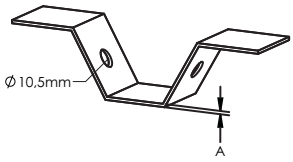


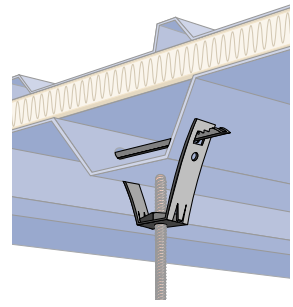




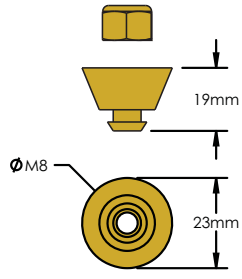
TDH-I

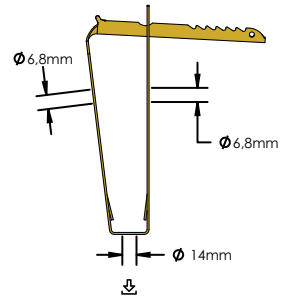
		Ø	P		
179510	TDHiM8	M8	P21	50	200 N

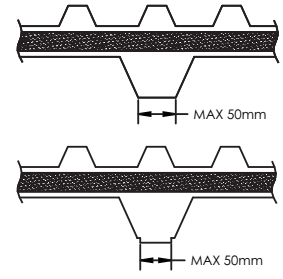






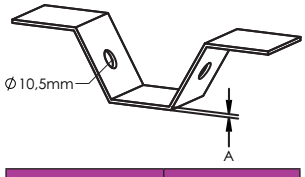




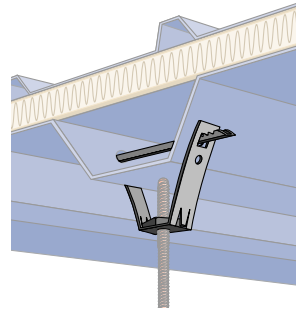


TDHA

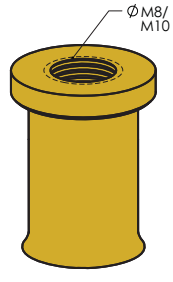
Ø (mm)		P	
179945	TDHAM8	M8	P21	50
179955	TDHAM10	M10	P21	50

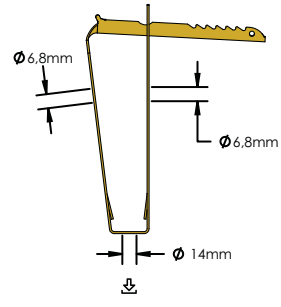


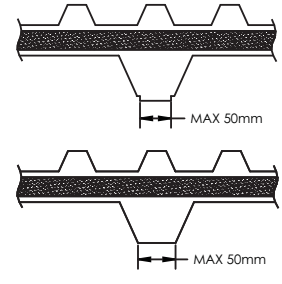
A (mm)	
0,63-0,70	600
0,70-0,80	700
0,80-1,00	800
1,00-1,20	1000
1,20-1,50	1200
>1,50	1500





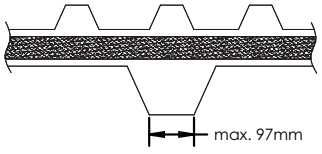


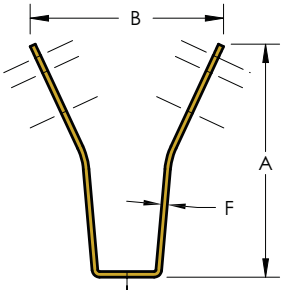


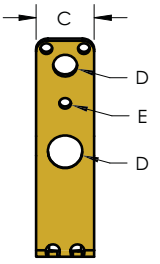


TBHG

		Fig. #	Ø (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	P	
597586	TBH G DG 10,5	1	10,5	120	100	25	11	6	2,5	P1	50
597587	TBH G M8	2	M8	120	100	25	11	6	2,5	P1	50
597588	TBH G M10	2	M10	120	100	25	11	6	2,5	P1	50







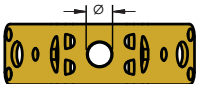
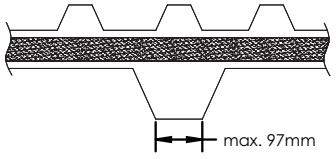


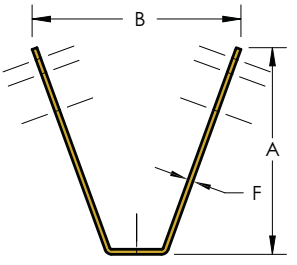

Fig. #1

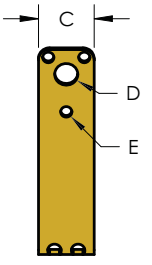

Fig. #2

TBHK

		Fig. #	Ø (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	P	
597581	TBH K DG 10,5	1	10,5	91,5	97	25	10,5	6	2,5	P1	50
597582	TBH K M8	2	M8	91,5	97	25	10,5	6	2,5	P1	50
597583	TBH K M10	2	M10	91,5	97	25	10,5	6	2,5	P1	50
597584	TBH K AM8	3	M8	91,5	97	25	10,5	6	2,5	P1	50
597585	TBH K AM10	3	M10	91,5	97	25	10,5	6	2,5	P1	50







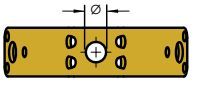



Fig. #1


Fig. #2


Fig. #3

TDHP MK2

		Fig. #	
159441	TDHP MK2	1	1
159442	TDHP MK2 BS	2	1

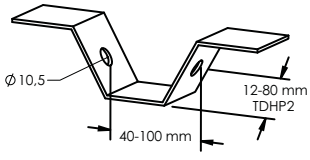






Fig. #1



Fig. #2

