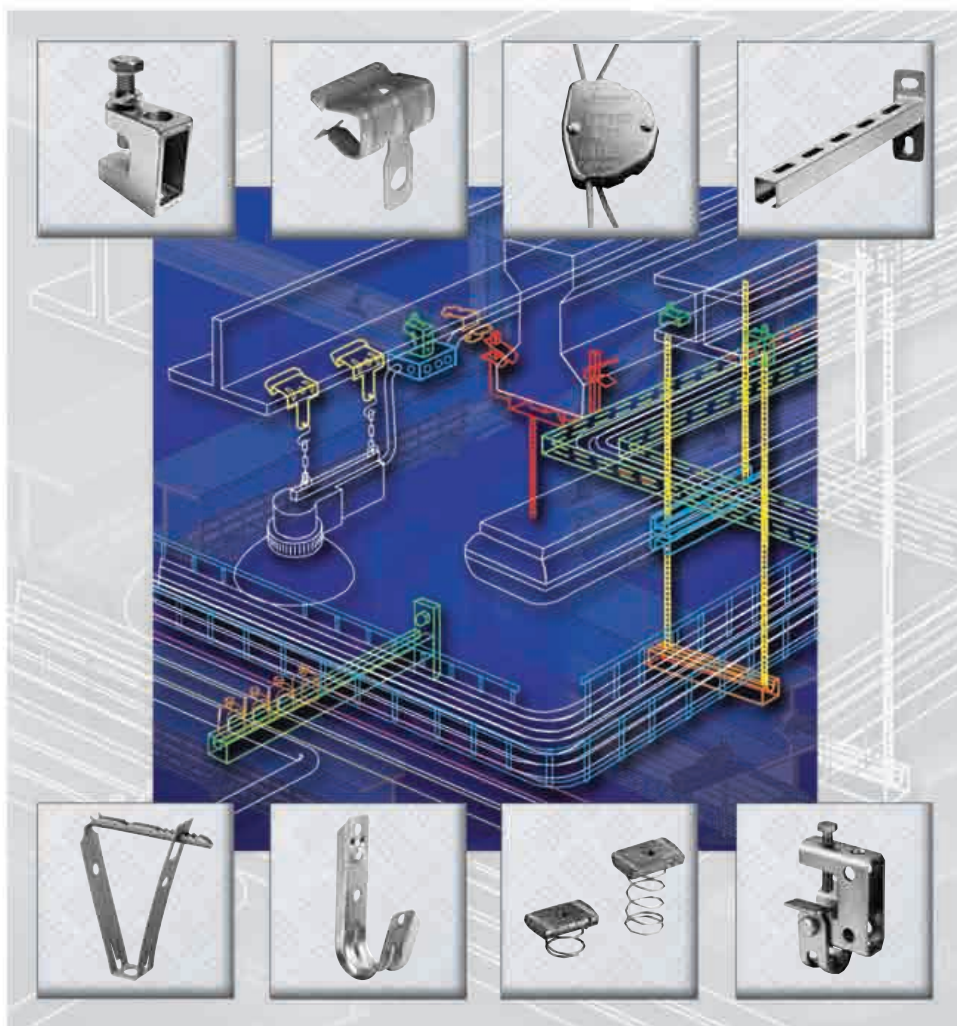


CADDY®

Fixings and supports for electrical and datacomm installations



ERICO®



ERICO®

ERICO® is a diversified manufacturer with a sales network serving more than 25 countries and with manufacturing and distribution facilities worldwide. Headquartered in Solon, Ohio, USA, ERICO produces engineered metal products for niche applications in the electrical, mechanical, commercial and industrial, rail and utility markets.

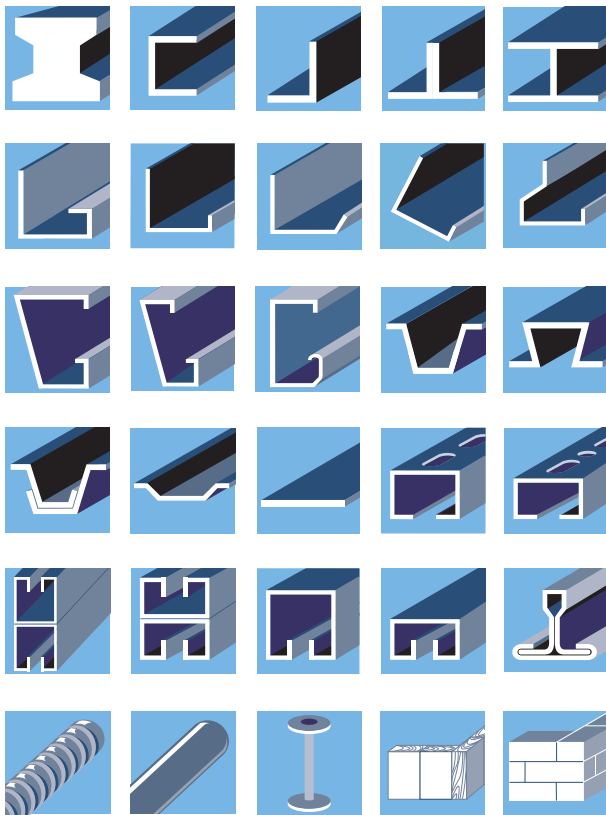
ERICO's well-known brand names include: CADDY® fixings and fasteners; CADWELD® welded electrical connections; CRITEC® surge protection devices; ERIFLEX® low-voltage components; ERITECH® lightning protection and grounding; LENTON® mechanical rebar splices; and ERICO rail bonds. Visit ERICO online at www.erico.com.



SYMBOLS

Base Material

Product and profile type onto which the fixing will be attached



Pictograms

Product ranges are sorted by symbol and colour



CADDY®
SPEED LINK



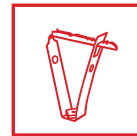
CADDY®
PYRAMID



HAMMER-ON



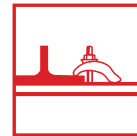
BOLT-ON



ROOF METAL
DECKING &
PURLIN



CEILING / WALL



HEAVY DUTY



CADDY®
CABLECAT



CADDY®
ERISTRUTE



C-PROFILE



INSTALLATION
ACCESSORIES



STAINLESS STEEL



3/5/10/25 PIECE
PACKS



TECHNICAL
INFORMATION

Installation Tools required



Load rating



Static Load
in NEWTON



Ultimate Static Load
in NEWTON



UL Tested Load
in NEWTON

Corrosion Protection



Plain Oil Finish



Electro Zinc Plated



Stainless Steel



Hot Dip Galvanised



Nylon



CADDY® COAT



Polyurethane (PU)



Polyamide (PA)



Polyvinylchloride (PVC)



Polyethylene (PE)

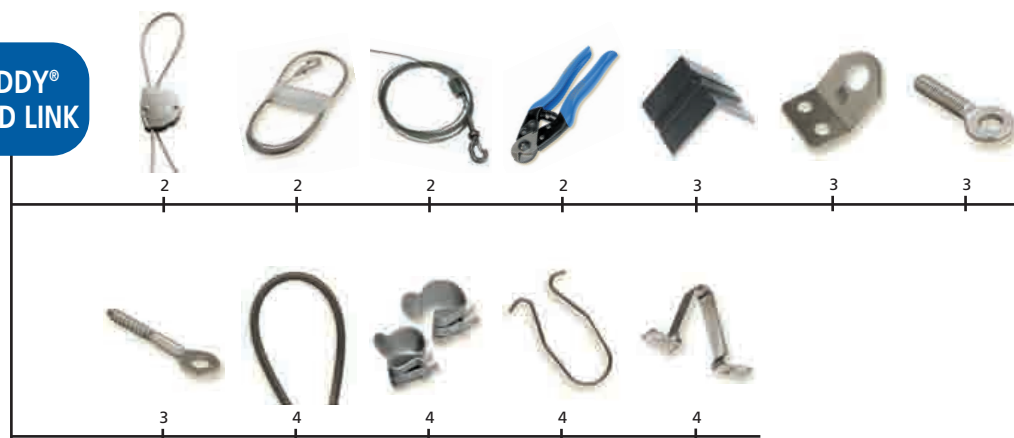


Multi-Layer Corrosion Protection (MCP)



1.	CADDY® SPEED LINK WIRE ROPE SYSTEM	Page 1-4	
2.	CADDY® PYRAMID	Page 5 - 6	
3.	HAMMER-ON RANGE	Page 7 - 26	
4.	BOLT-ON RANGE	Page 27 - 40	
5.	ROOF METAL DECKING & PURLIN RANGE	Page 41 - 58	
6.	CEILING / WALL / THREADED ROD RANGE	Page 59 - 74	
7.	HEAVY DUTY RANGE	Page 75 - 86	
8.	CADDY® CABLECAT RANGE	Page 87 - 92	
9.	CADDY® ERISTRUT RANGE	Page 93 - 122	
10.	C-PROFILE RANGE	Page 123 - 134	
11.	INSTALLATION ACCESSORIES	Page 135 - 150	
12.	STAINLESS STEEL RANGE	Page 151 - 170	
13.	3/5/10/25 PIECE PACKS	Page 171 - 174	
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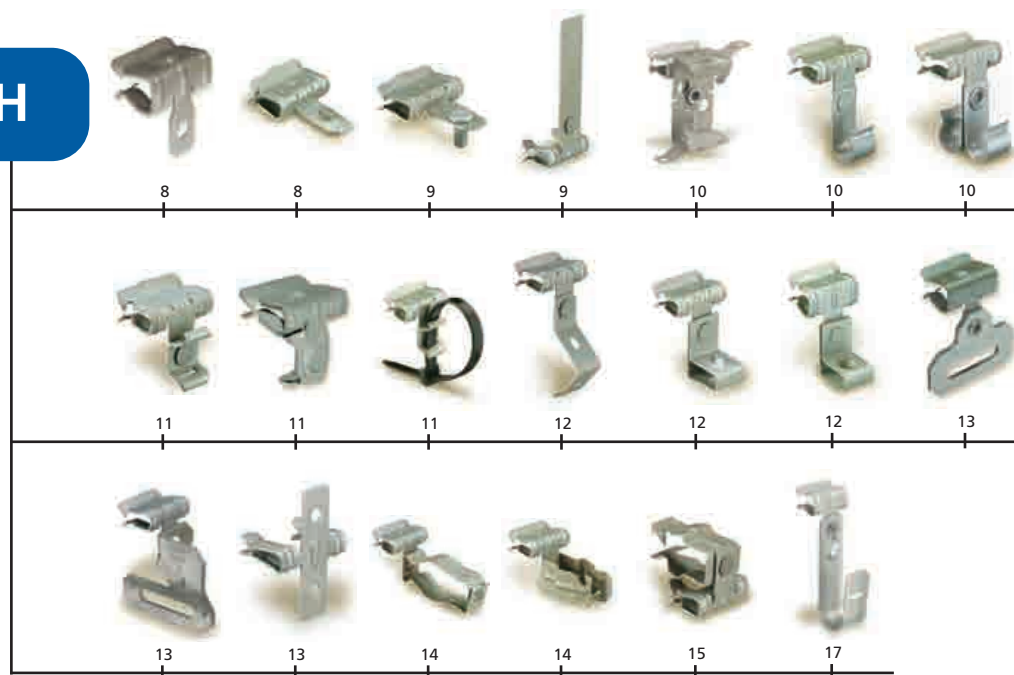
CADDY® SPEED LINK



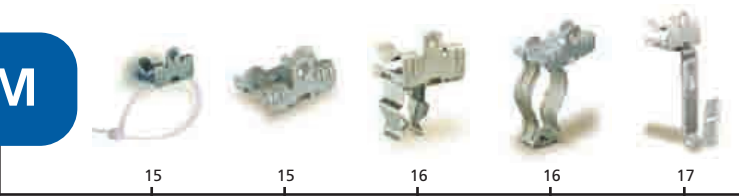
CADDY® PYRAMID



H



EM



**AF
VF**



18 18 18 22 22



J



19 19 20 20 21 21

SC



23 24 24

**HK/
87/L**



25 25 25 26 26 26

EBC



28 28 29 29 30 31 31 32



HB2



33

TKN



33

SL



34

BTK



34

BC



35 35 32



C



36 36 36 36

C-HW/
LW/GW



37 39 39

INC



37

C-EU/
ERU/ES



38 38 39 40 40

D



42 42 42

122



43 43 44 44

123



45 45 45

VKR



46

HSC



46

EER



47 47 48 48

TDHP



50

TDH



49 49 49 49

HW



51 51

TBH



50 50 50 50 50

WDC



52

GTD



53 53

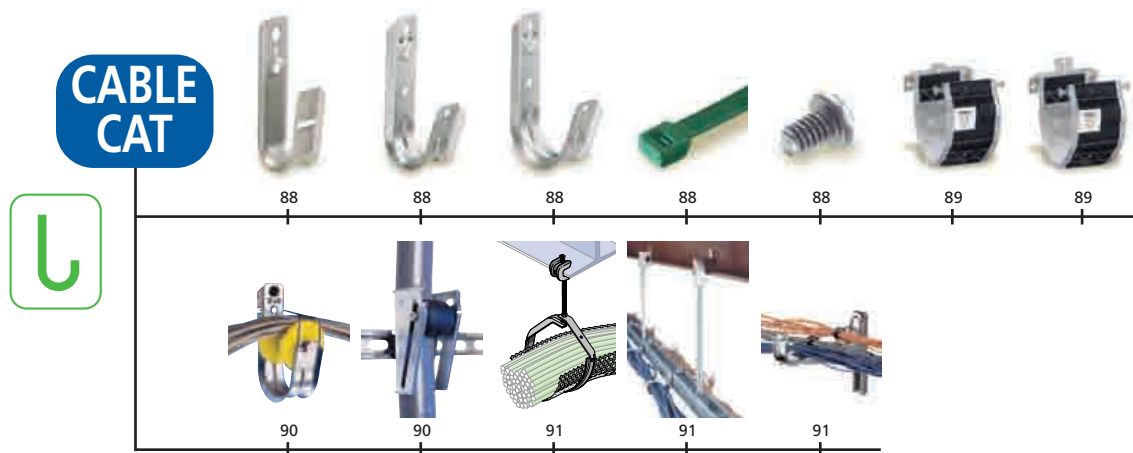
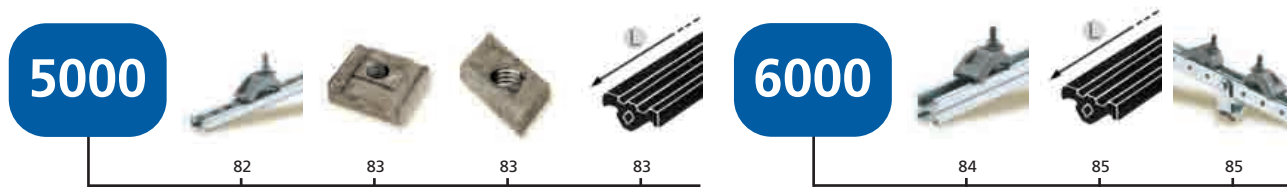
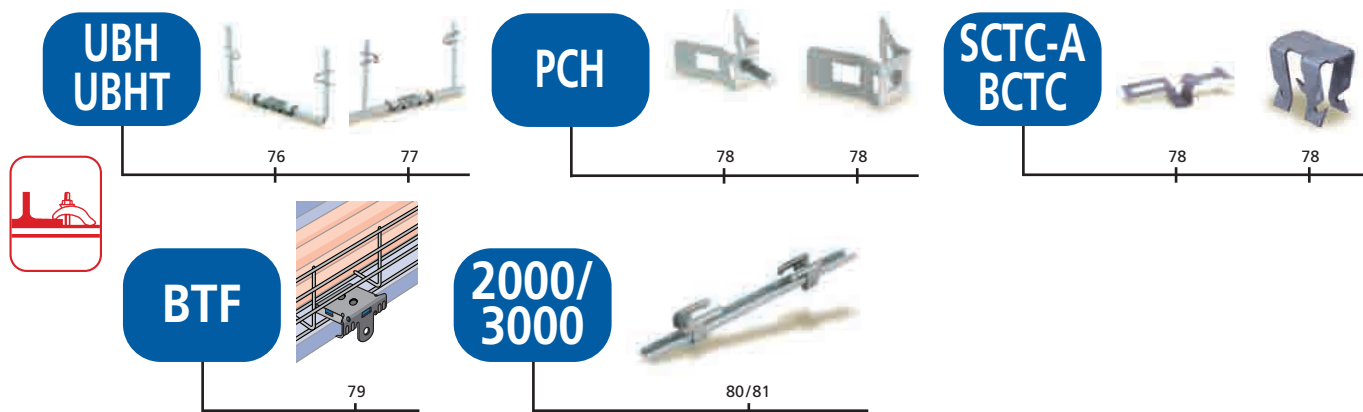
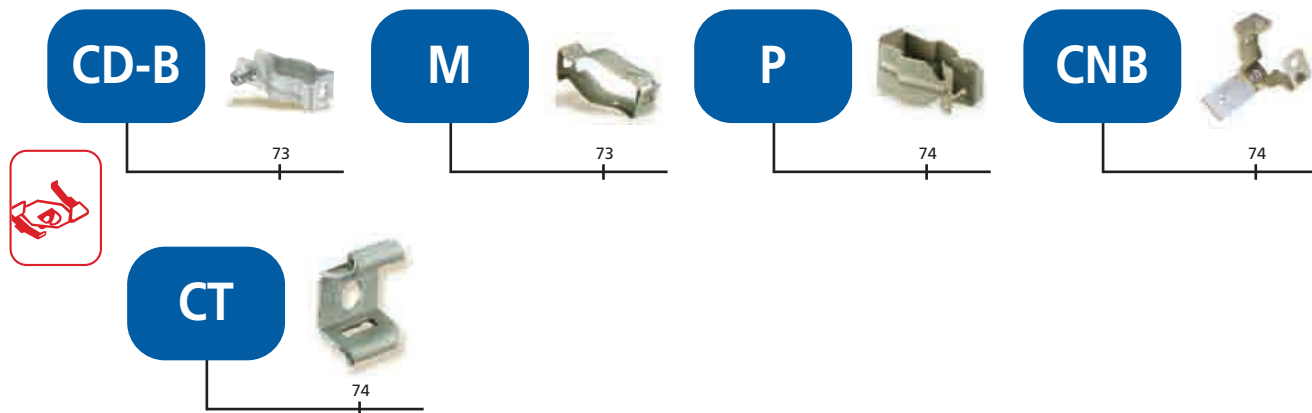
OCDC



54 54 54







**CADDY®
ERISTRUT**



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94

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STS



95

WCTM



97

CTRI



98

**SNZ
SNA**



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ZWA



98

KIT U



99

UM



100

100

100

100

THM



101

MU



101

**ISN/
ISSP**



101

101

**CADDY®
SLICK**



102

102

TMN



103

WSL



103

PLN



103

MFA



104

104

ESC



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**ADK/
DLP**



107

107

**ZE/
ZEA**



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109

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**ZE/
ZEA**



109 109 109 109 110

ZSA



111 112

41mm

ZGA



110 110 110 110 110



111 111 111 111 111



112 112



112 112

ZTA



112

ZT



113 113 113

STCB



113

**ZU/
ZUA**



113 113 114 114 114 114 114 114

**ZW/
ZWA**



115 115 115 115 115 115 116 116



116 116 116 116 117 117 117 117



117 117 118 118 118 118 118 118



119 119 119 119



**ZZ/
ZZA**



119

119

120

120

120

120

OD



121

41mm

C-EC



122

U-BOLT



122

E



124

124

124

ADK



126

C



125

125

125

125

125

C-EB



126

**EB25/
EB35**



127

127

127

127

**PL/
PLN**



128

ECN



128

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129

RAC



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130

**APX
APY**



131

131

SH



132

132

BF



133

C-FIX



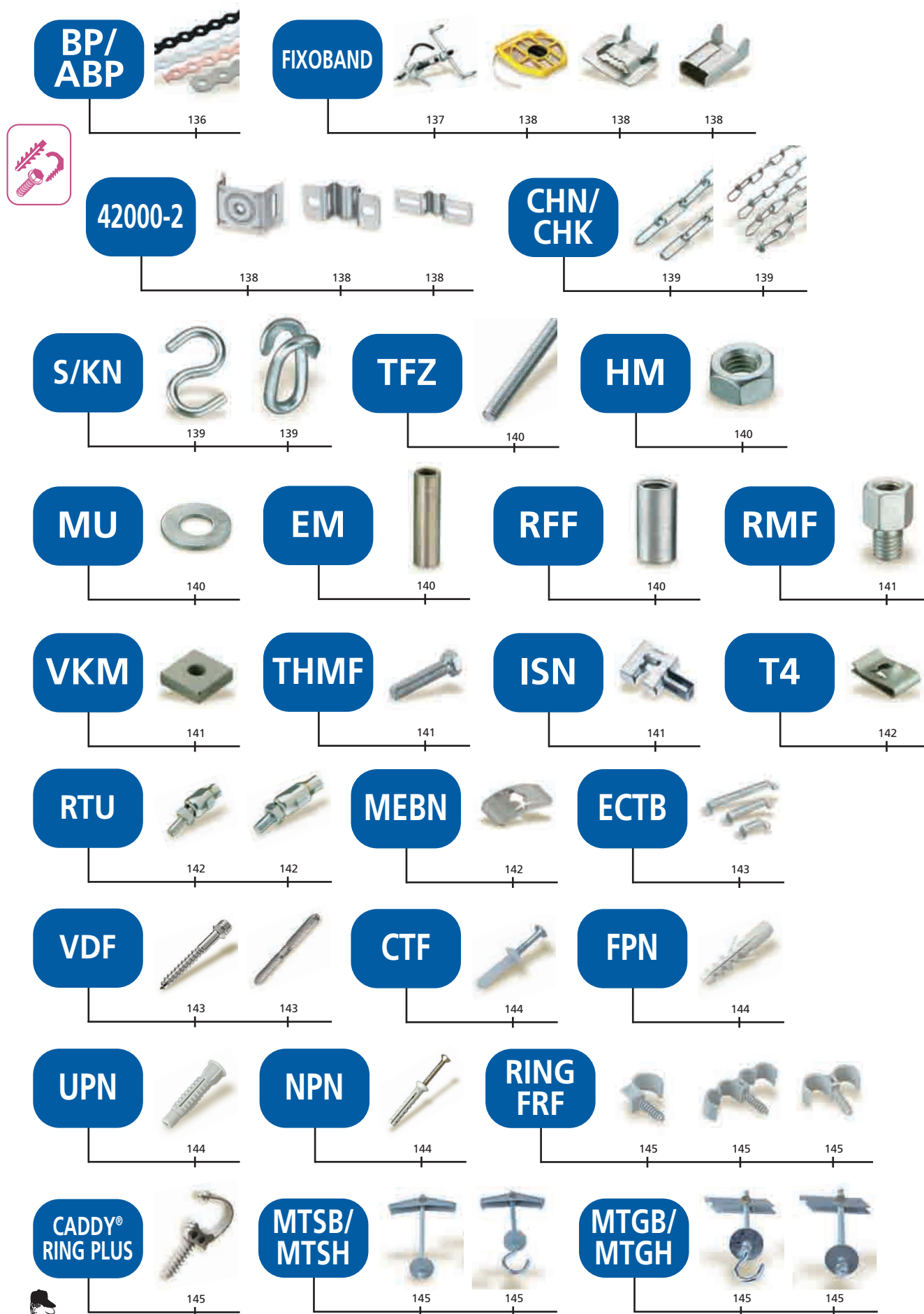
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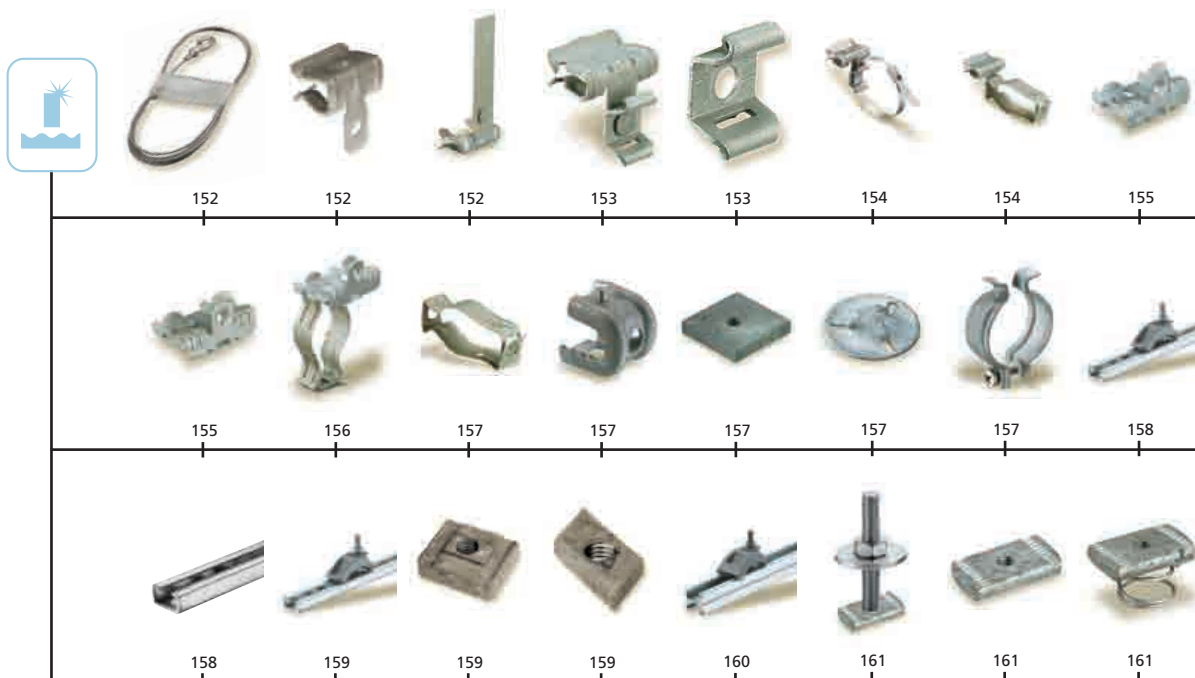
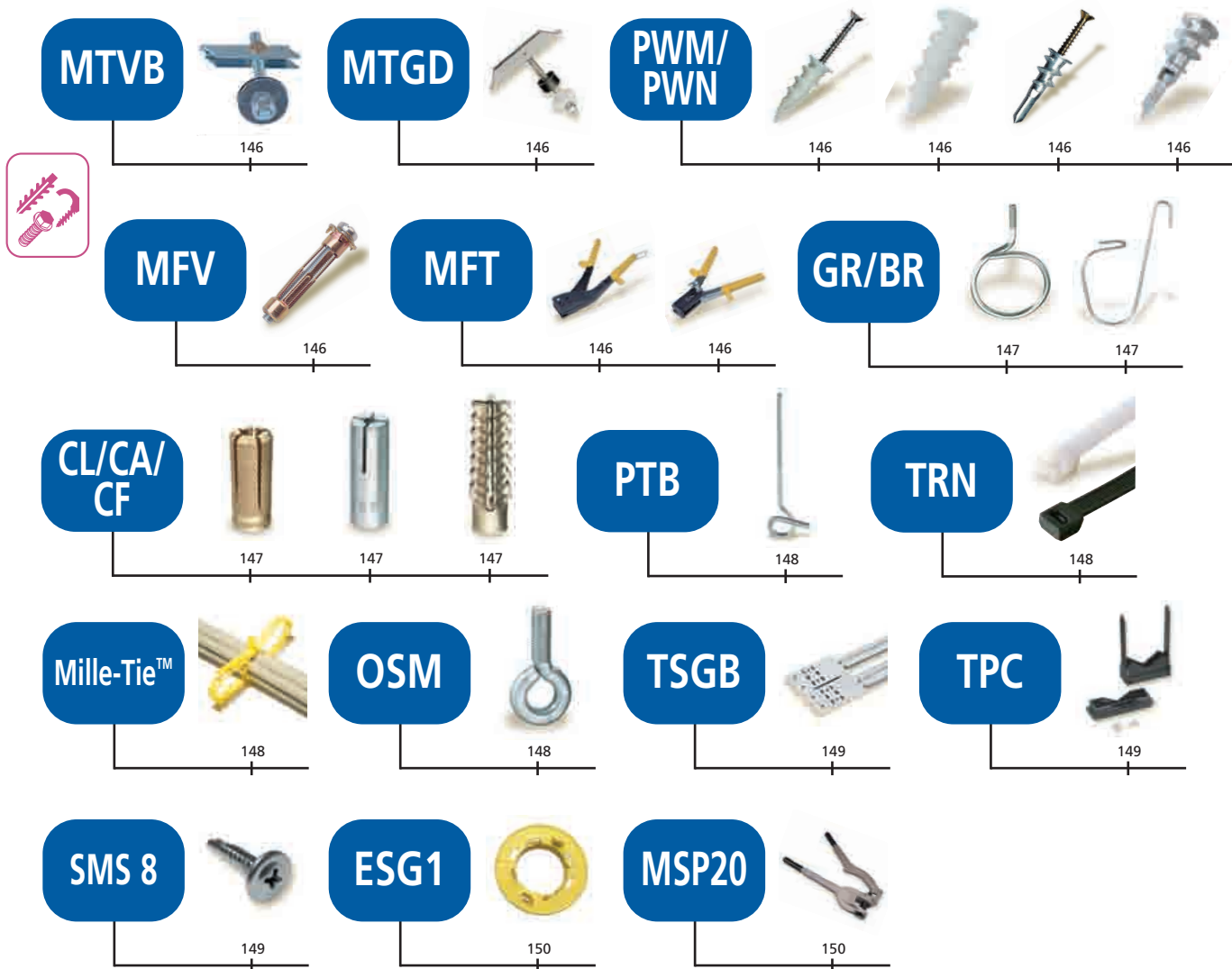
133

KP



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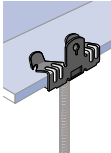
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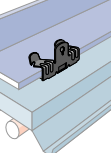
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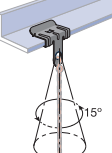
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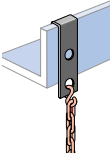
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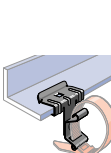
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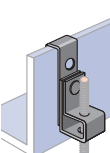
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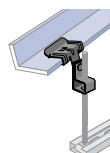
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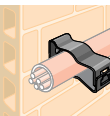
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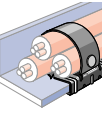
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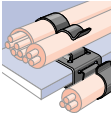
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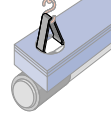
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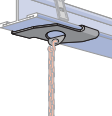
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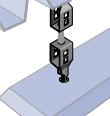
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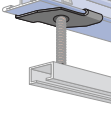
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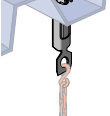
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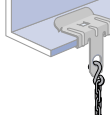
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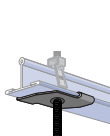
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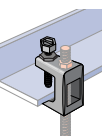
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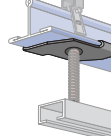
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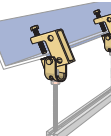
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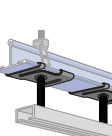
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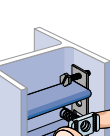
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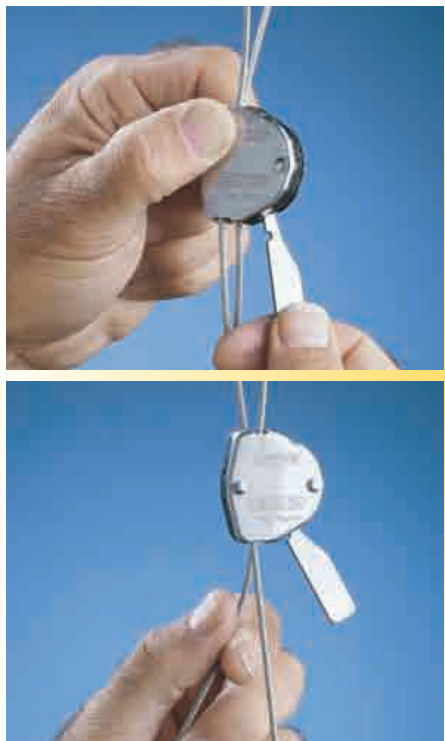
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1. CADDY® SPEED LINK

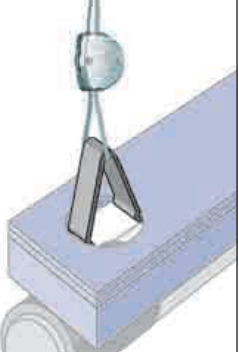


				
2 CADDY® SPEED LINK	2 CADDY® SPEED LINK LD	3 SLWC	3 SLADCP	3 SLADS



**Meets the
fire rating
requirements of
DIN 4102-2 for
30 minutes at
30 percent of
rated load**



				
3 SLESM	3 SLESH	4 SL 1214/1518	4 SLLC250	4 DFF1

CADDY® SPEED LINK



		Ø mm	L m			
CADDY SPEED LINK SL2/1	195800	2	1	1	100 (10 x 10)	450
CADDY SPEED LINK SL2/2	195805	2	2	1	100 (10 x 10)	450
CADDY SPEED LINK SL2/3	195810	2	3	1	100 (10 x 10)	450
CADDY SPEED LINK SL2/5	195815	2	5	1	50 (5 x 10)	450
CADDY SPEED LINK SL2/10	195820	2	10	1	25 (5 x 5)	450
CADDY SPEED LINK SL3/1	195825	3	1	1	100 (10 x 10)	900
CADDY SPEED LINK SL3/2	195830	3	2	1	100 (10 x 10)	900
CADDY SPEED LINK SL3/3	195835	3	3	1	50 (5 x 10)	900
CADDY SPEED LINK SL3/5	195840	3	5	1	50 (5 x 10)	900
CADDY SPEED LINK SL3/10	195845	3	10	1	25 (5 x 5)	900



p. 176-178



SF = 5:1

CADDY® SPEED LINK WIRE ROPE



		Ø mm	L m			
CADDY SPEED LINK WIRE ROPE 2MM 1M SP	195865	2	1	1	100 (10 x 10)	450
CADDY SPEED LINK WIRE ROPE 2MM 2M SP	195870	2	2	1	100 (10 x 10)	450
CADDY SPEED LINK WIRE ROPE 2MM 3M SP	195875	2	3	1	100 (10 x 10)	450
CADDY SPEED LINK WIRE ROPE 2MM 5M SP	195880	2	5	1	50 (5 x 10)	450
CADDY SPEED LINK WIRE ROPE 2MM 10M SP	195885	2	10	1	25 (5 x 5)	450
CADDY SPEED LINK WIRE ROPE 3MM 1M SP	195890	3	1	1	100 (10 x 10)	900
CADDY SPEED LINK WIRE ROPE 3MM 2M SP	195895	3	2	1	100 (10 x 10)	900
CADDY SPEED LINK WIRE ROPE 3MM 3M SP	195900	3	3	1	50 (5 x 10)	900
CADDY SPEED LINK WIRE ROPE 3MM 5M SP	195905	3	5	1	50 (5 x 10)	900
CADDY SPEED LINK WIRE ROPE 3MM 10M SP	195910	3	10	1	25 (5 x 5)	900



CADDY® SPEED LINK LD



		Ø mm	L m			
CADDY SPEED LINK SLD15L1	195950	1,5	1	1	100 (20 x 5)	200
CADDY SPEED LINK SLD15L2	195920	1,5	2	1	100 (20 x 5)	200
CADDY SPEED LINK SLD15L3	195955	1,5	3	1	100 (20 x 5)	200
CADDY SPEED LINK SLD15L5	195925	1,5	5	1	100 (20 x 5)	200
CADDY SPEED LINK SLD15L10	195930	1,5	10	1	100 (20 x 5)	200



p. 176-178



SF = 5:1

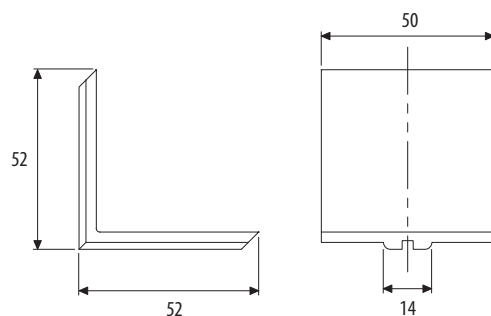
SLWC

		
SLWC	195853	1



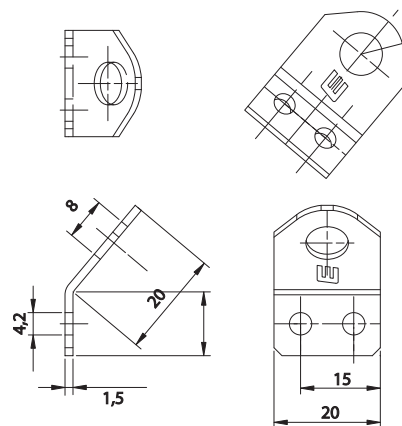
SLADCP

			
SLADCP	195851	11	10



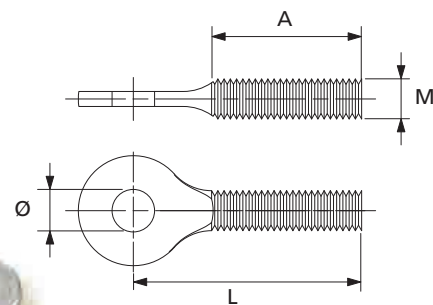
SLADS

			
SLADS	195852	1	100



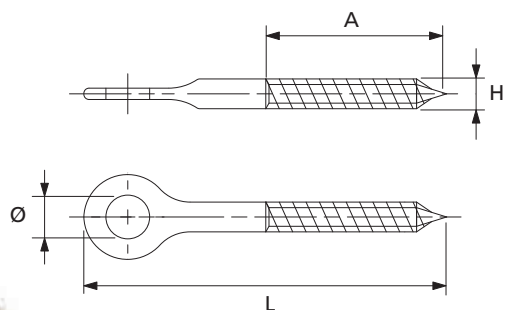
SLESM

		M x L	Ø mm	A mm		
SLESM6x30	195854	M6xL30	7,0	20	1	100
SLESM8x40	195856	M8xL40	8,5	25	1	100



SLESH

		H x L	Ø mm	A mm		
SLESH6x60	195858	H6xL60	8,75	32	1	100



SLWPT

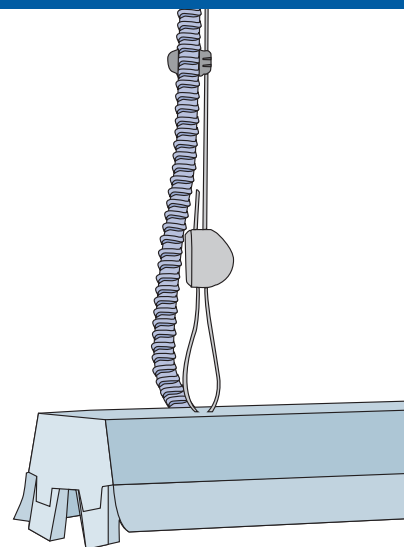
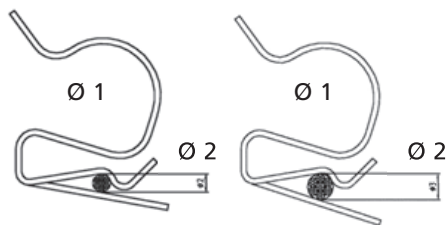


			
SLWPT	195859	11	25 m



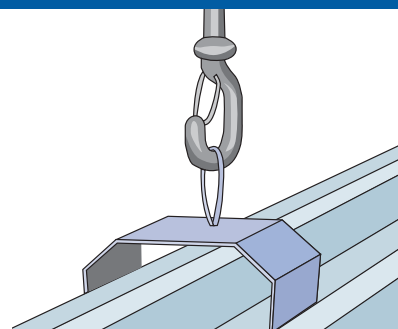
SL1214 • SL1518

		Ø 1 mm	Ø 2 mm		
SL1214	195860	14	2-3	7	100
SL1518	195861	18	2-3	7	100



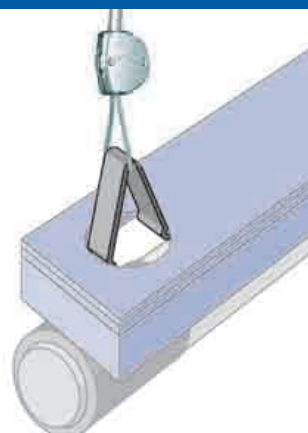
SLLC250

		Ø mm			
SLLC250	195863	6	1	200	225



DFF1

		Ø mm			
DFF1	172930	18	1	100	500



2. CADDY® PYRAMID

CADDY® PYRAMID

- Dramatically reduces installation time by replacing slow, heavy and labor-intensive methods for supporting pipes, conduits, cable tray and equipment
- CADDY PYRAMID® supports a wide range of concentrated loads from 110 N to 2700 N. Easily increase load capacity by combining similar supports (two CADDY PYRAMID 50 = 440 N)
- Supports multiple runs of pipe and conduit on roofs and below raised floors
- Protects the roof membrane while absorbing shock and vibration, but will not absorb water
- CADDY PYRAMID has been load tested to a 5-to-1 safety factor
- Metal cover protects against weather and other environmental conditions, such as damage caused by birds
- Features a standard electro-/pre-galvanized finish for corrosion protection
- Multilayer corrosion protection (P22) coating available for environments where a higher degree of corrosion resistance is desired, such as areas where hot-dipped galvanized finishes are used today



CADDY® PYRAMID 25

Nº	Fig. No.	Description	MAX N	L (mm)	W (mm)	H (mm)
182450	1	PPRPS25H4, HEIGHT 92 mm	110	119	144	112
182460	2	PPRPS25H6, HEIGHT 143 mm	110	119	144	163

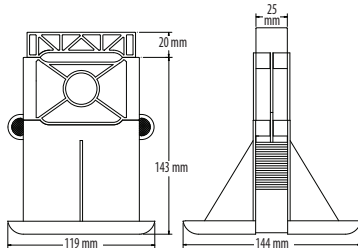


Fig. No. 2

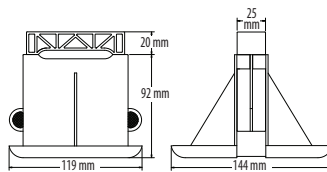
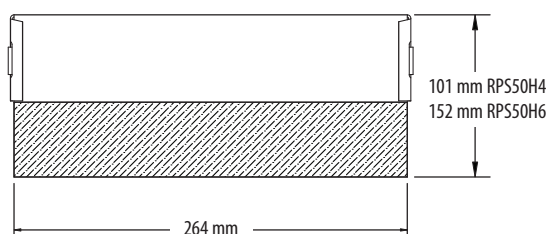
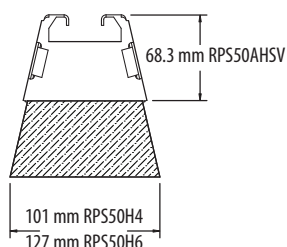


Fig. No. 1



CADDY® PYRAMID 50

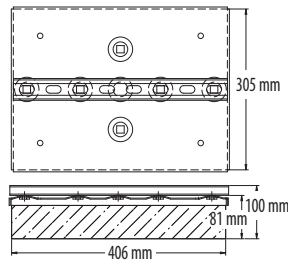
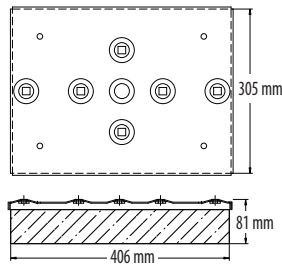
Nº	Description	MAX N	P	Box
182470	RPS50H4EG, HEIGHT 100 mm	220	P1	10
182480	RPS50H6EG, HEIGHT 150 mm	220	P1	10
182490	RPS50AHSV, HEIGHT 57 mm	220	P7	10
182500	RPS50H4HD, HEIGHT 100 mm	220	P3	10
182510	RPS50H6HD, HEIGHT 150 mm	220	P3	10
182515*	RPS50H4MCP, HEIGHT 100 mm	220	P22	10
182520*	RPS50H6MCP, HEIGHT 150 mm	220	P22	10



CADDY® PYRAMID 150/300

N°	Description	Thread	MAX N	P	Strut	
182680	RPS150T7, HEIGHT 81 mm	M10	680	P1	No	1
182690	RPS150T8, HEIGHT 100 mm	M10	680	P1	Yes	1
182580	RPS150T3, HEIGHT 81 mm, MCP	M10	680	P22	No	1
182590	RPS150T4, HEIGHT 100 mm, MCP	M10	680	P22	Yes	1

N°	Description	Thread	MAX N	P	Strut	
182700	RPS300T7, HEIGHT 81 mm	M10	1350	P1	No	1
182710	RPS300T8, HEIGHT 100 mm	M10	1350	P1	Yes	1
182620	RPS300T3, HEIGHT 81 mm, MCP	M10	1350	P22	No	1
182630	RPS300T4, HEIGHT 100 mm, MCP	M10	1350	P22	Yes	1

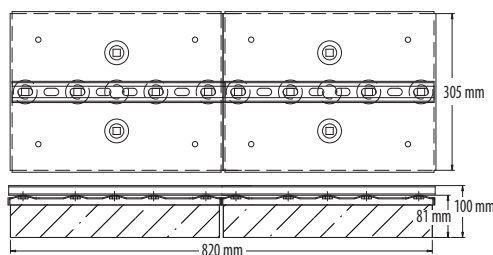


See the CADDY® PYRAMID Website at
www.erico.com/caddypyramid

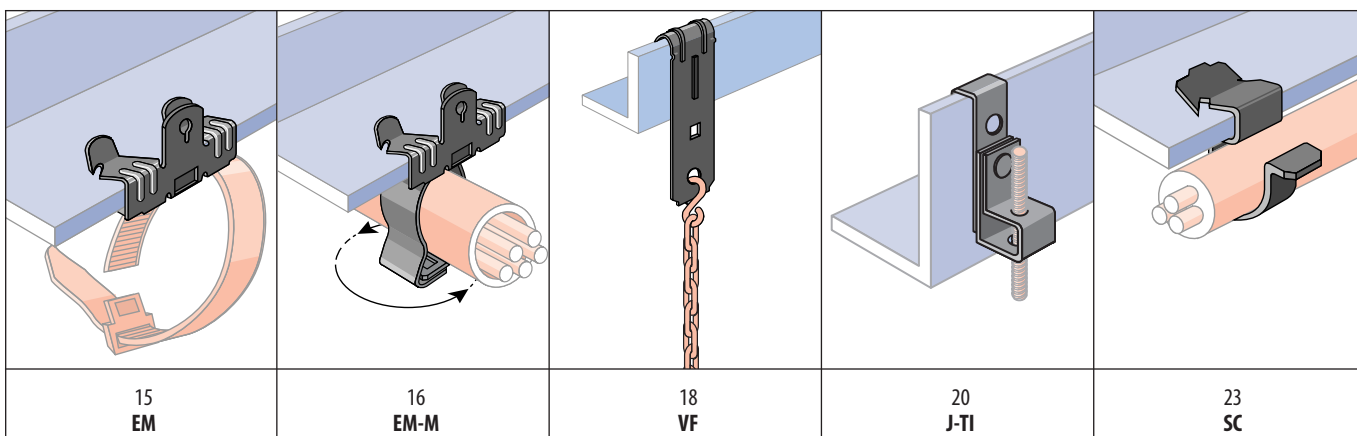
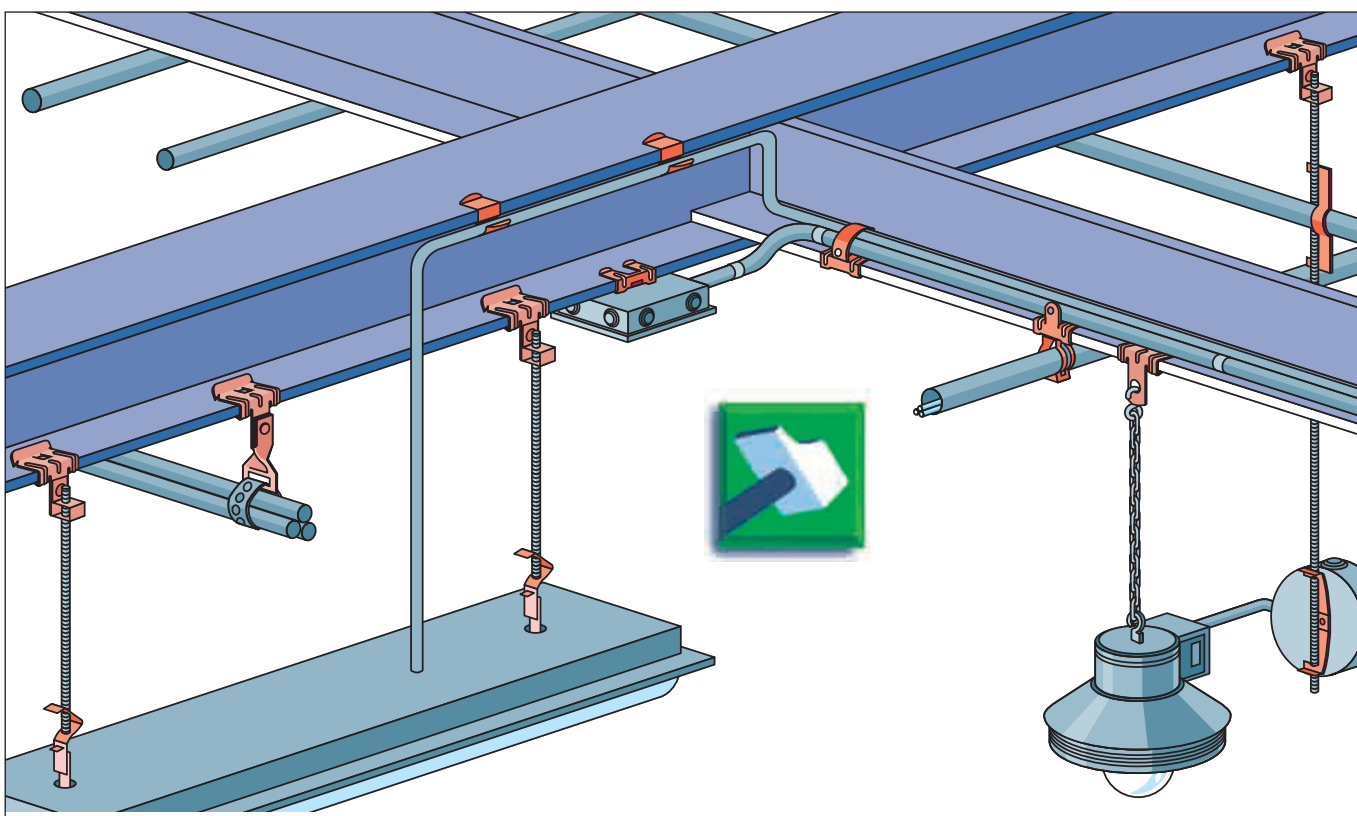
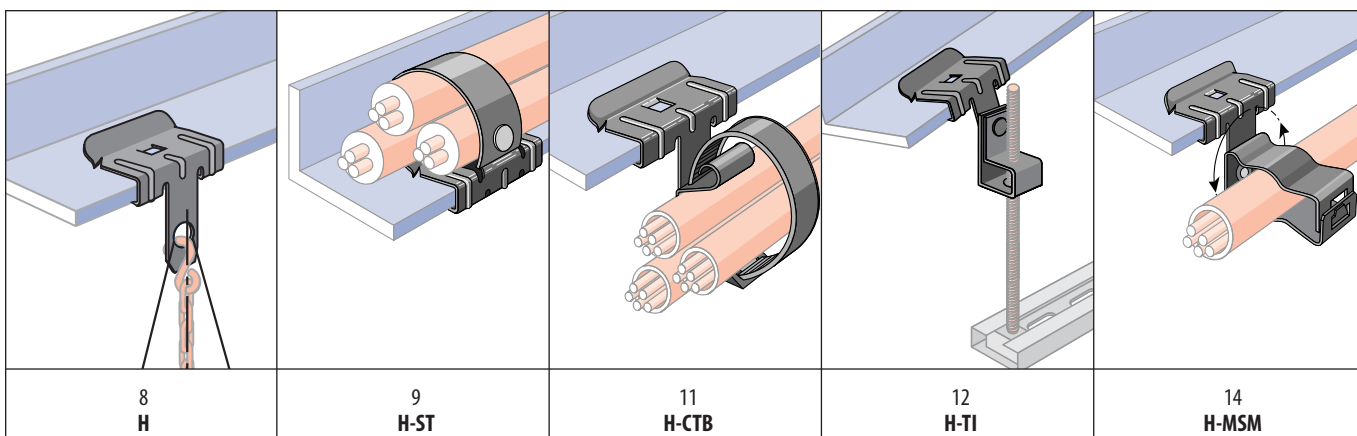


CADDY® PYRAMID 600

N°	Description	Thread	MAX N	P	Strut	
182720	RPS600T8, HEIGHT 100 mm	M10	2700	P1	Yes	1
182650	RPS600T4, HEIGHT 100 mm, MCP	M10	2700	P22	Yes	1



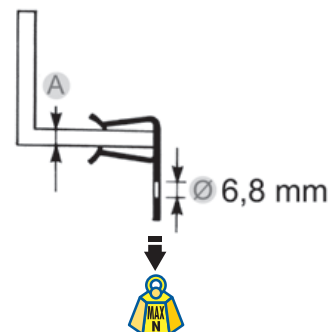
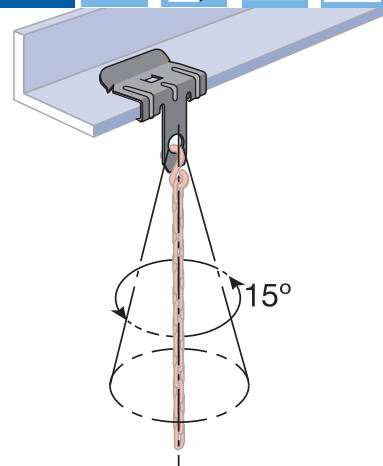
3. HAMMER-ON RANGE



H



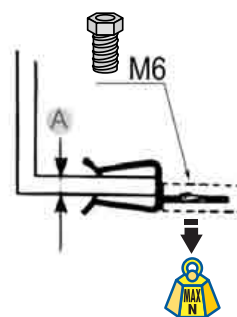
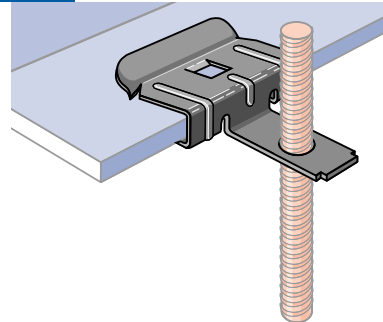
		A mm			
2H4	170010	2-3	7	100	700
4H24	170020	3-8	7	100	900
4H58	170030	8-14	7	100	900
4H912	170040	14-20	7	100	900



H-i



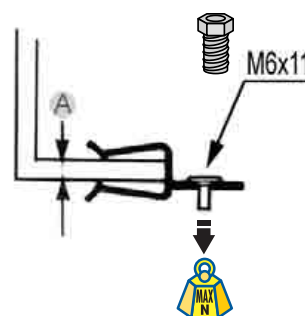
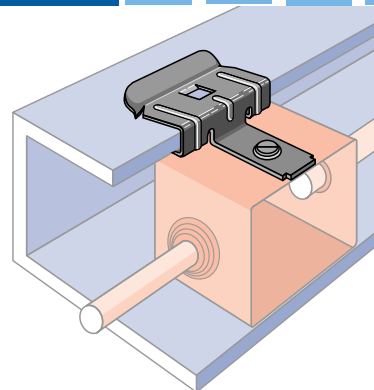
		A mm			
4H24i	170150	3-8	7	100	150
4H58i	170250	8-14	7	100	150



H-iX



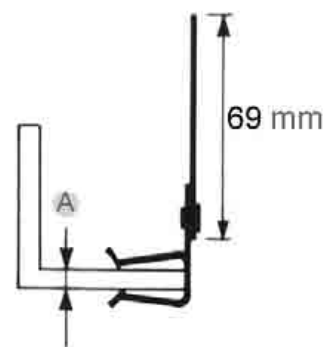
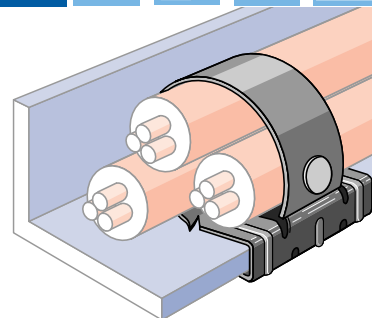
		A mm			
4H24iX	170140	3-8	7	100	150
4H58iX	170160	8-14	7	100	150



H-ST



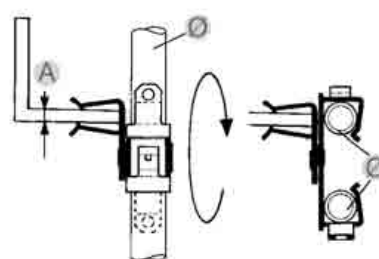
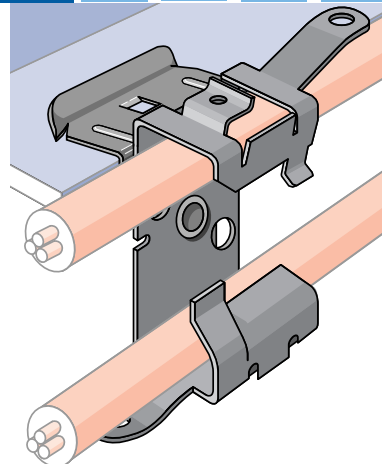
		A mm		
2H4ST3	173420	2-3	7	100
4H24ST3	171500	3-8	7	100
4H58ST3	171530	8-14	7	100
4H912ST3	171640	14-20	7	100



H-MAC2



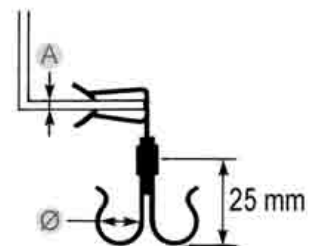
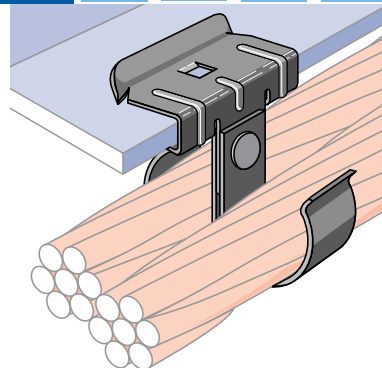
		A mm	Ø mm		
2H4MAC2	173110	2-3	12,5-14,5	7	100
4H24MAC2	173150	3-8	12,5-14,5	7	100
4H58MAC2	173160	8-14	12,5-14,5	7	100
4H912MAC2	173410	14-20	12,5-14,5	7	100



H-CA/CB



		A mm	Ø mm		
2H4/1012A	170460	2-3	10,9-13	7	100
4H24/1012A	170480	3-8	10,9-13	7	100
2H4/1214A	170470	2-3	12,4-16	7	100
4H24/1214A	170630	3-8	12,4-16	7	100
2H4/1012B	170830	2-3	10,9-13	7	100
4H24/1012B	170850	3-8	10,9-13	7	100
2H4/1214B	170840	2-3	12,4-16	7	100
4H24/1214B	170640	3-8	12,4-16	7	100



CA

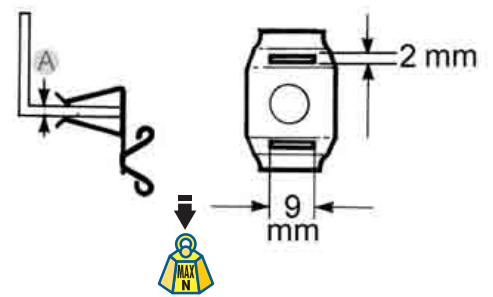
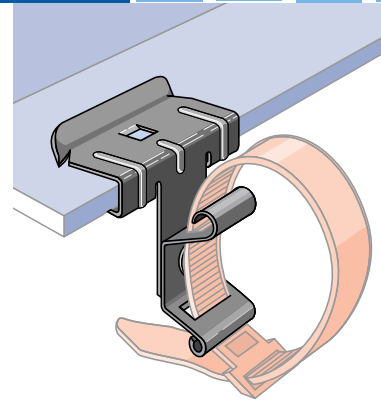
CB



H-CT • H-CTIN

		A mm	P		
2H4CT	178510	2-3	7	100	150
4H24CT	178520	3-8	7	100	150
4H58CT	178530	8-14	7	100	150
4H912CT	178540	14-20	7	100	150

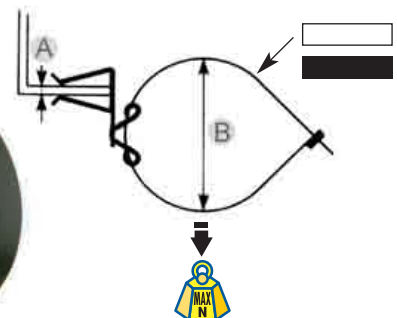
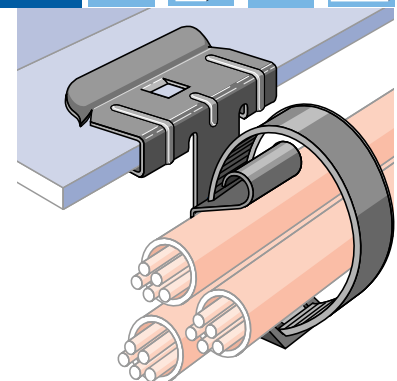
		A mm	P		
2H4CTIN	178550	2-3	7	100	150
4H24CTIN	160470	3-8	7	100	150
4H58CTIN	160480	8-14	7	100	150
4H912CTIN	160490	14-20	7	100	150



H-CTB

		A mm	B mm	P		
2H4CTBW	170170	2-3	10-70	7	100	150
4H24CTBW	170180	3-8	10-70	7	100	150
4H58CTBW	170190	8-14	10-70	7	100	150
4H912CTBW	170200	14-20	10-70	7	100	150

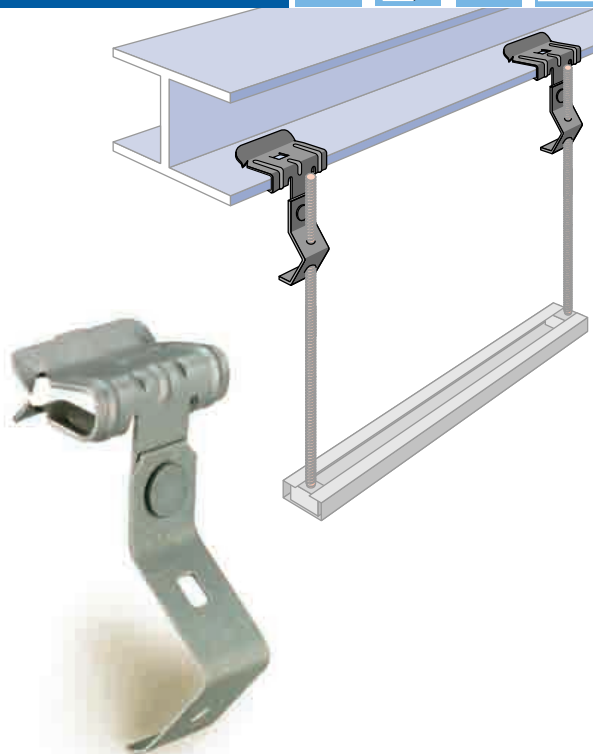
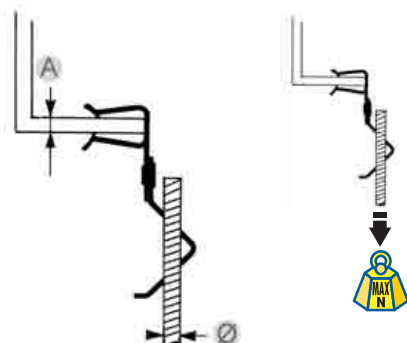
2H4CTBB	170210	2-3	10-70	7	100	150
4H24CTBB	170220	3-8	10-70	7	100	150
4H58CTBB	170240	8-14	10-70	7	100	150
4H912CTBB	170260	14-20	10-70	7	100	150



H-MA



		A mm	Ø mm			
M6MA4	173230	2-3	M6	7	100	600
M6MA24	173240	3-8	M6	7	100	600
M6MA58	173250	8-14	M6	7	100	600
M6MA912	173260	14-20	M6	7	100	600
M8MA4	173270	2-3	M8	7	100	700
M8MA24	173280	3-8	M8	7	100	700
M8MA58	173290	8-14	M8	7	100	700
M8MA912	173300	14-20	M8	7	100	700
M10MA4	173310	2-3	M10	7	100	700
M10MA24	173320	3-8	M10	7	100	700
M10MA58	173330	8-14	M10	7	100	700
M10MA912	173340	14-20	M10	7	100	700

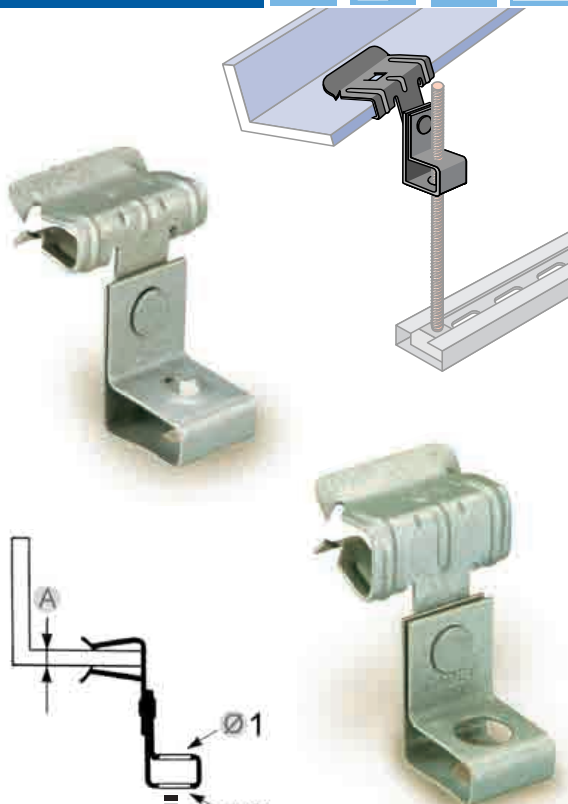
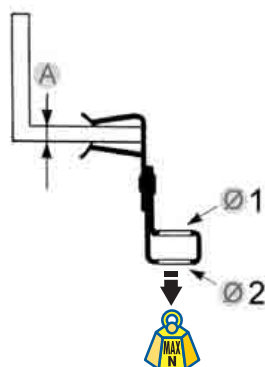


H-Ti/T



		A mm	Ø 1	Ø 2 mm			
M6Ti4	174810	2-3	M6	7	7	100	700
M6Ti24	174820	3-8	M6	7	7	100	900
M6Ti58	174830	8-14	M6	7	7	100	900
M6Ti912	174840	14-20	M6	7	7	100	900
M8Ti4	174900	2-3	M8	8,5	7	100	700
M8Ti24	174910	3-8	M8	8,5	7	100	900
M8Ti58	174920	8-14	M8	8,5	7	100	900
M8Ti912	174930	14-20	M8	8,5	7	100	900
M10Ti4	174990	2-3	M10	11	7	100	700
M10Ti24	175000	3-8	M10	11	7	100	900
M10Ti58	175010	8-14	M10	11	7	100	900
M10Ti912	175020	14-20	M10	11	7	100	900

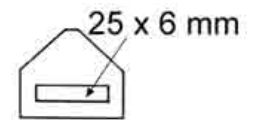
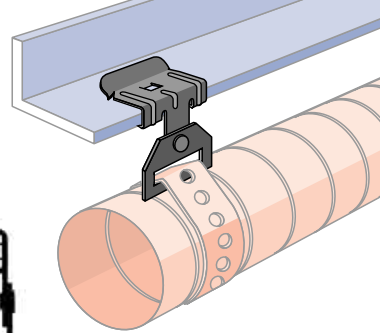
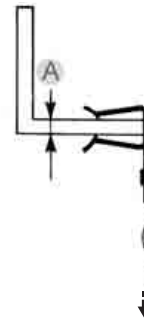
Ti04	160000	2-3	11	11	7	100	700
Ti024	160010	3-8	11	11	7	100	900
Ti058	160020	8-14	11	11	7	100	900
Ti0912	160030	14-20	11	11	7	100	900



H-S



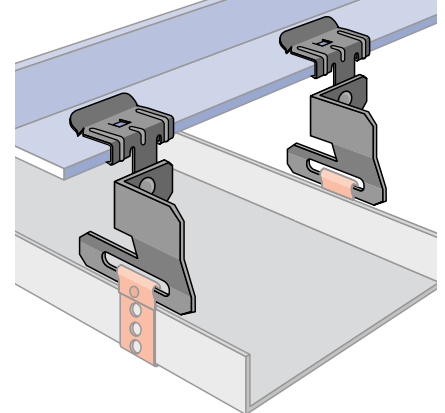
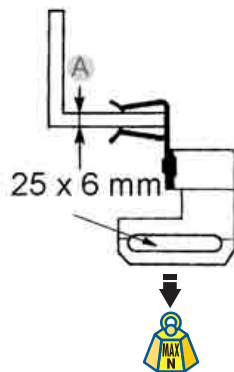
	N°	A mm	P		
S4	175480	2-3	7	100	700
S24	172030	3-8	7	100	900
S58	171760	8-14	7	100	900
S912	171770	14-20	7	100	900



H-SR



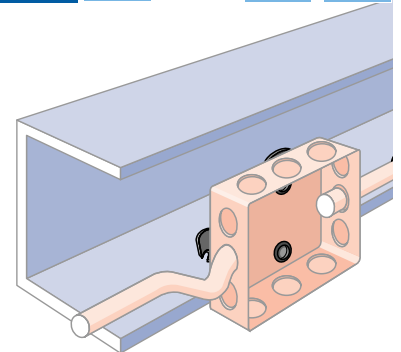
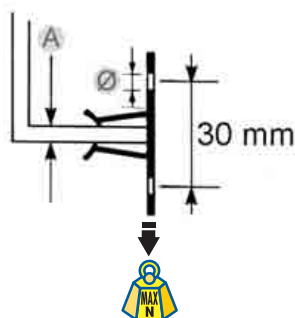
	N°	A mm	P		
SR4	175540	2-3	7	100	700
SR24	171810	3-8	7	100	900
SR58	175550	8-14	7	100	900
SR912	172020	14-20	7	100	900



H-Di



	N°	A mm	Ø mm	P		
4H24Di	350000	3-8	5,1	7	100	150

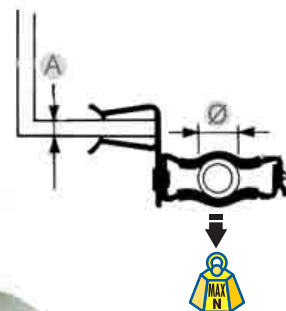
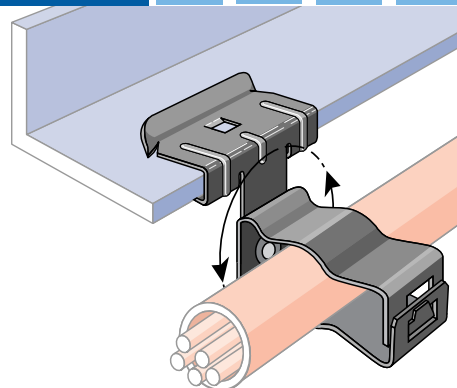


H-MSM



		A mm	Ø mm			
6M4SM	173630	2-3	14-18	7	100	120
6M24SM	173640	3-8	14-18	7	100	120
6M58SM	171980	8-14	14-18	7	100	120
6M912SM	173650	14-20	14-18	7	100	120

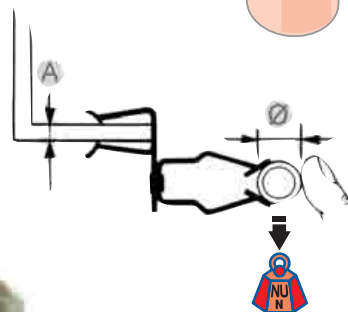
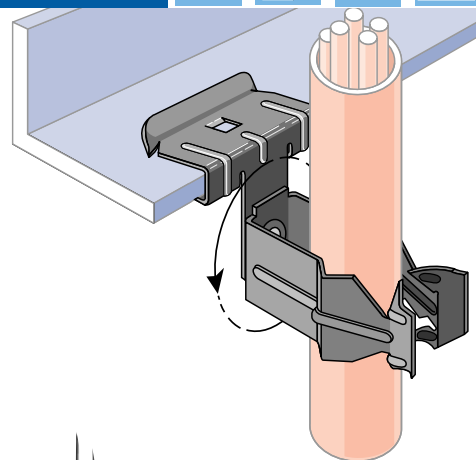
812M4SM	160040	2-3	18-30	7	100	120
812M24SM	160050	3-8	18-30	7	100	120
812M58SM	160060	8-14	18-30	7	100	120
812M912SM	160070	14-20	18-30	7	100	120
16M4SM	173710	2-3	30-35	7	100	120
16M24SM	173720	3-8	30-35	7	100	120
16M58SM	173730	8-14	30-35	7	100	120
16M912SM	173740	14-20	30-35	7	50	120
20M4SM	173750	2-3	35-42	7	50	120
20M24SM	171720	3-8	35-42	7	100	120
20M58SM	173770	8-14	35-42	7	100	120
20M912SM	173780	14-20	35-42	7	100	120
24M4SM	173790	2-3	42-50	7	50	120
24M24SM	176690	3-8	42-50	7	50	120
24M58SM	173800	8-14	42-50	7	50	120
24M912SM	173810	14-20	42-50	7	50	120
32M4SM	173820	2-3	50-60	7	50	120
32M24SM	173830	3-8	50-60	7	50	120
32M58SM	173840	8-14	50-60	7	50	120
32M912SM	173850	14-20	50-60	7	50	120



H-PSM



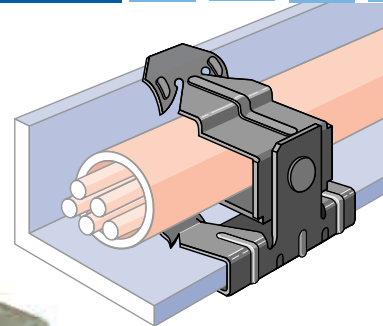
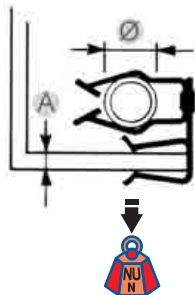
		A mm	Ø mm			
8P4SM	175170	2-3	18-22	7	100	70
8P24SM	175180	3-8	18-22	7	100	70
8P58SM	175190	8-14	18-22	7	100	70
8P912SM	175200	14-20	18-22	7	100	70
12P4SM	175210	2-3	22-30	7	100	70
12P24SM	175220	3-8	22-30	7	100	70
12P58SM	175230	8-14	22-30	7	100	70
12P912SM	175240	14-20	22-30	7	50	70
16P4SM	175250	2-3	30-35	7	100	70
16P24SM	175260	3-8	30-35	7	100	70
16P58SM	175270	8-14	30-35	7	100	70
16P912SM	175280	14-20	30-35	7	50	70



H-PiN



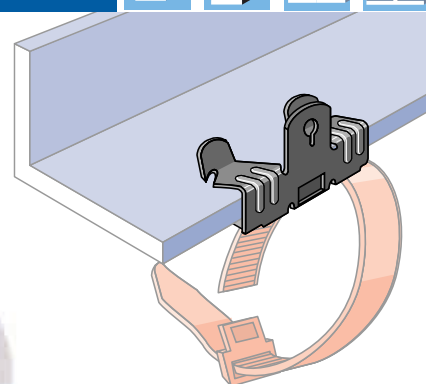
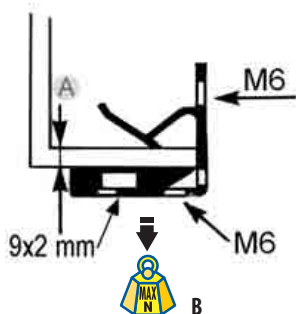
		A mm	Ø mm			
8P4iN	175290	2-3	18-22	7	100	70
8P24iN	175300	3-8	18-22	7	100	70
8P58iN	175310	8-14	18-22	7	100	70
12P4iN	175320	2-3	22-30	7	100	70
16P4iN	175330	2-3	30-35	7	100	70



EM



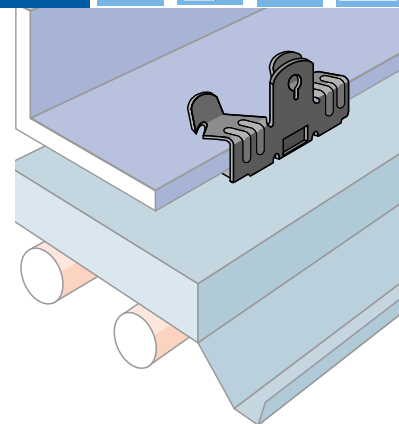
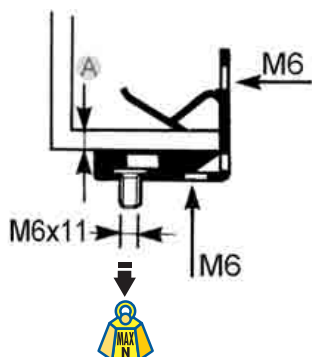
		A mm			B 	C 
EM24	170050	3-8	7	100	450	150
EM58	170060	8-14	7	100	450	150
EM912	170070	14-20	7	100	450	150



EM-SM



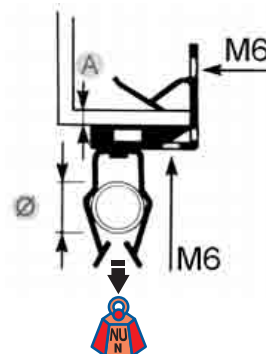
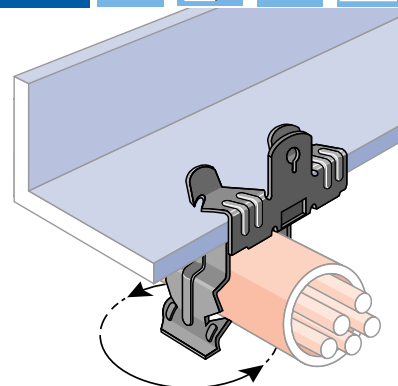
		A mm			
EM24SM	170530	3-8	7	100	330
EM58SM	172060	8-14	7	100	330
EM912SM	171850	14-20	7	100	330



EM-P



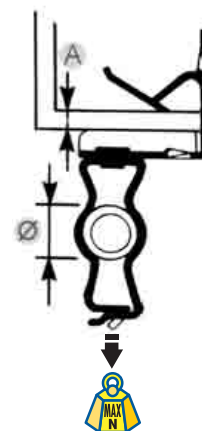
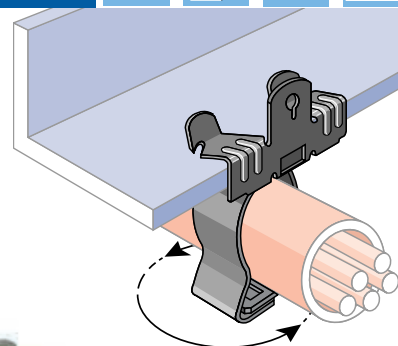
		A mm	Ø mm			
8EP24	172150	3-8	18-22	7	100	110
8EP58	172160	8-14	18-22	7	100	110
8EP912	175100	14-20	18-22	7	50	110
12EP24	175110	3-8	22-30	7	100	110
12EP58	175120	8-14	22-30	7	100	110
12EP912	175130	14-20	22-30	7	50	110
16EP24	175140	3-8	30-35	7	100	110
16EP58	175150	8-14	30-35	7	50	110
16EP912	175160	14-20	30-35	7	50	110



EM-M



		A mm	Ø mm			
6EM24	173550	3-8	14-18	7	100	330
6EM58	171750	8-14	14-18	7	100	330
6EM912	173560	14-20	14-18	7	50	330
812EM24	160120	3-8	18-30	7	50	330
812EM58	160130	8-14	18-30	7	50	330
812EM912	160140	14-20	18-30	7	50	330
16EM24	171740	3-8	30-35	7	50	330
16EM58	171490	8-14	30-35	7	50	330
16EM912	173570	14-20	30-35	7	50	330
20EM24	171800	3-8	35-42	7	50	330
20EM58	171950	8-14	35-42	7	50	330
20EM912	173580	14-20	35-42	7	50	330
24EM24	171960	3-8	42-50	7	50	330
24EM58	171970	8-14	42-50	7	50	330
24EM912	173590	14-20	42-50	7	50	330
32EM24	173600	3-8	50-60	7	50	330
32EM58	173610	8-14	50-60	7	50	330
32EM912	173620	14-20	50-60	7	50	330

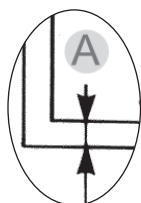


CAT H

		A mm			
CAT 1224 SM	181510	3 - 8	1	40	220
CAT 1258 SM	181520	8 - 14	1	40	220
CAT 12912 SM	181530	14 - 20	1	40	220
CAT 2124 SM	181550	3 - 8	1	40	220
CAT 2158 SM	181560	8 - 14	1	40	220
CAT 21912 SM	181570	14 - 20	1	40	220
CAT 3224 SM	181590	3 - 8	1	40	220
CAT 3258 SM	181600	8 - 14	1	40	220
CAT 32912 SM	181610	14 - 20	1	40	220
CAT 42524 SM	181620	3 - 8	1	10	450
CAT 42558 SM	181630	8 - 14	1	10	450
CAT 425912 SM	181640	14 - 20	1	10	450



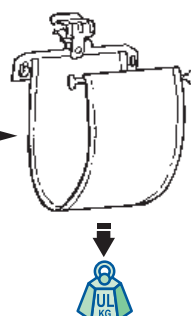
p. 182-183



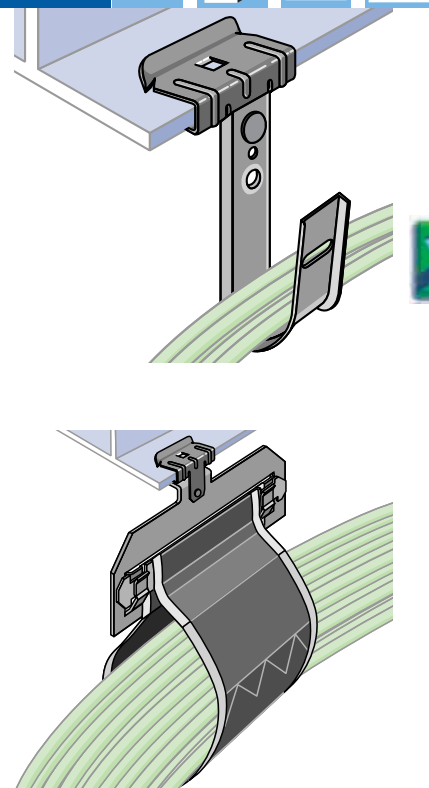
CAT 12/21/32



CAT 425



Ø
183

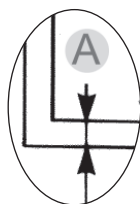


CAT EM

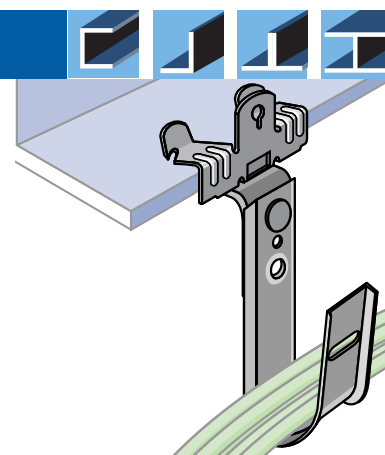
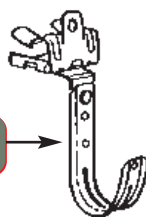
		A mm			
CAT 1224	181650	3 - 8	1	40	220
CAT 1258	181660	8 - 14	1	40	220
CAT 12912	181670	14 - 20	1	20	220
CAT 2124	181680	3 - 8	1	40	220
CAT 2158	181690	8 - 14	1	40	220
CAT 21912	181700	14 - 20	1	20	220
CAT 3224	181710	3 - 8	1	20	220
CAT 3258	181720	8 - 14	1	20	220
CAT 32912	181730	14 - 20	1	20	220



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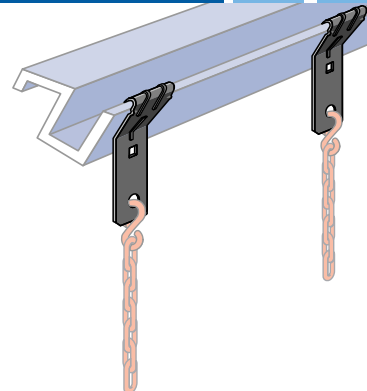
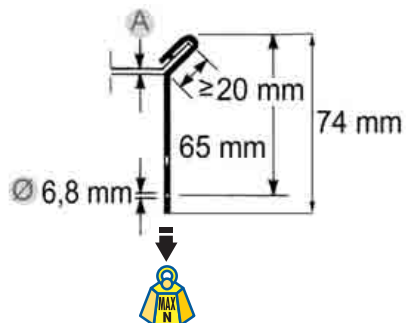


Ø
183



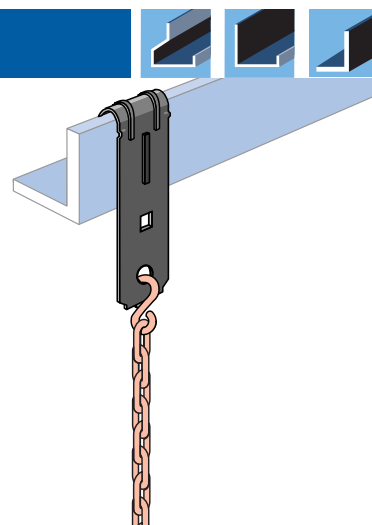
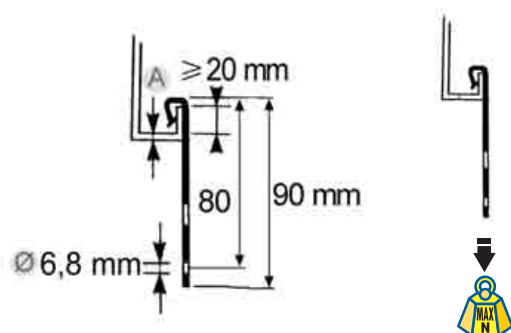
AF

		A mm			
AF14	179860	1,5-6	7	100	350



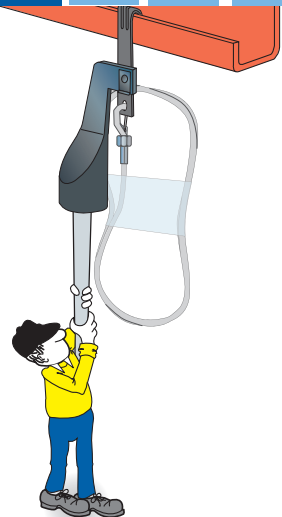
VF

		A mm			
VF14	179850	1,5-6	7	100	600



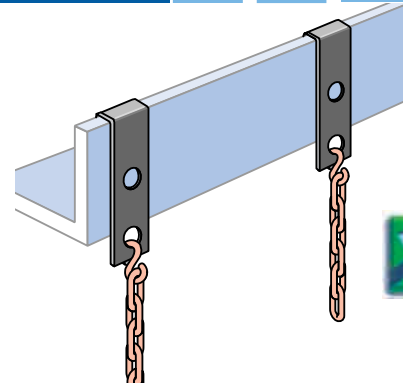
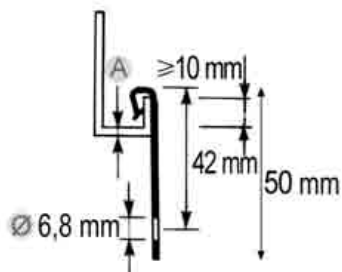
VAFT

		
VAFT	190330	1





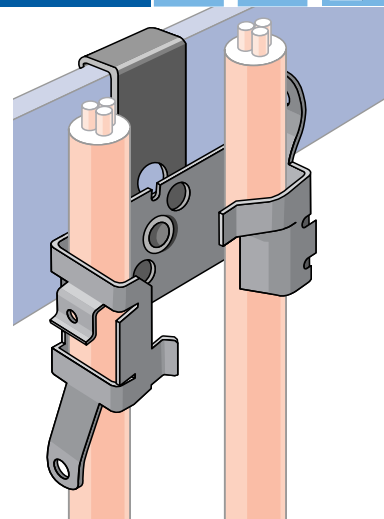
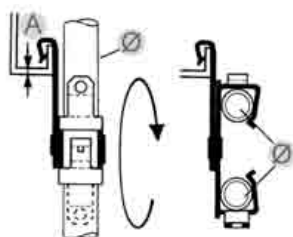
			A mm			
J1		170370	1,5-4	7	100	700
J2		171590	4-6,5	7	100	700



J-MAC2



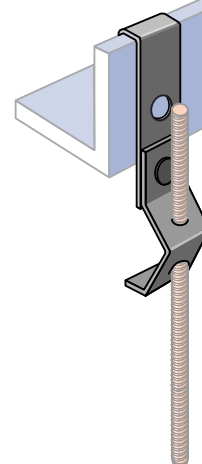
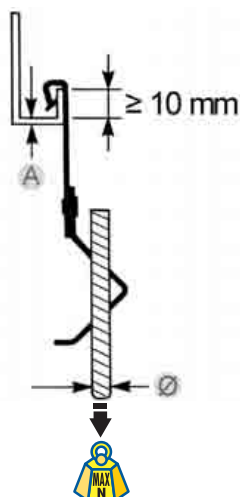
			A mm	Ø mm		
J1MAC 2 P4		173480	1,5-4	12,5-14,5	7	100
J2MAC2 P4		172970	4-6,5	12,5-14,5	7	100



J-MA



		A mm	Ø			
M6MAJ1	173350	1,5-4	M6	7	100	600
M8MAJ1	173360	1,5-4	M8	7	100	700
M10MAJ1	173370	1,5-4	M10	7	100	700
M6MAJ2	173380	4-6,5	M6	7	100	600
M8MAJ2	173390	4-6,5	M8	7	100	700
M10MAJ2	173400	4-6,5	M10	7	100	700

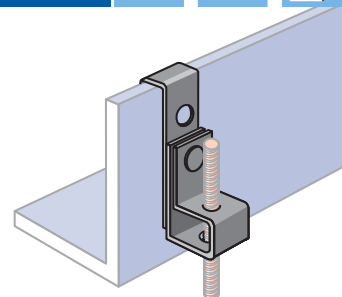
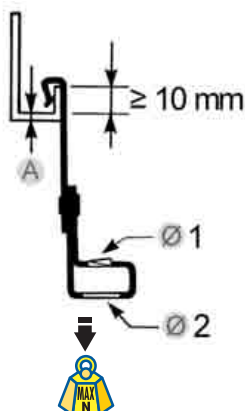


J-Ti/T



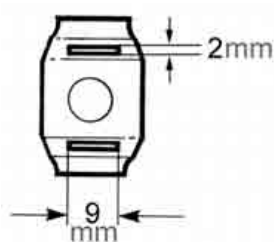
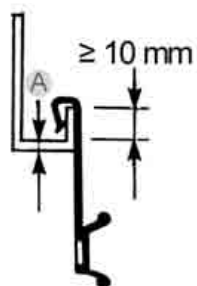
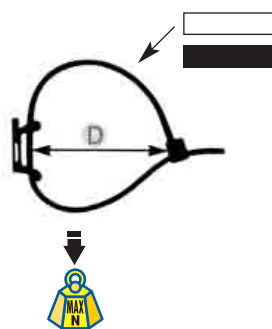
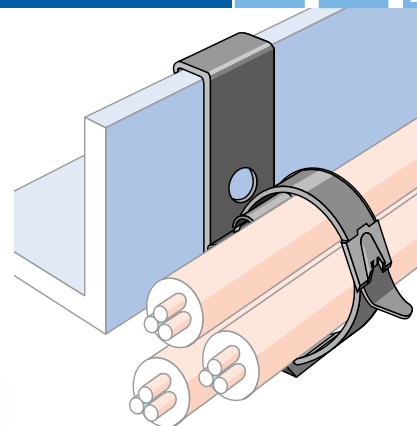
		A mm	Ø 1 M	Ø 2 mm			
M6TiJ1	174870	1,5-4	M6	7	7	100	700
M8TiJ1	174960	1,5-4	M8	8,5	7	100	700
M10TiJ1	175050	1,5-4	M10	11	7	100	700
M6TiJ2	174880	4-6,5	M6	7	7	100	700
M8TiJ2	174970	4-6,5	M8	8,5	7	100	700
M10TiJ2	175060	4-6,5	M10	11	7	100	700

		A mm	Ø 1-2 mm			
T10J1	160220	1,5-4	11	7	100	700
T10J2	160230	4-6,5	11	7	100	700





		A mm	D mm			
J1CT	170610	1,5-4	-	7	50	150
J2CT	170350	4-6,5	-	7	50	150
J1CTBW	170360	1,5-4	10-70	7	100	150
J2CTBW	170390	4-6,5	10-70	7	100	150
J1CTBB	170410	1,5-4	10-70	7	100	150
J2CTBB	170440	4-6,5	10-70	7	100	150

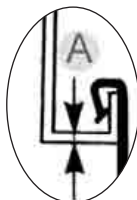
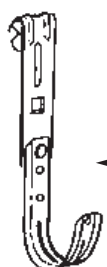


CAT VF

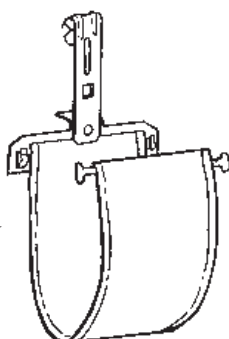
		A mm			
CAT 12 VF14	181800	1,5 - 6	1	40	220
CAT 21 VF14	181810	1,5 - 6	1	40	220
CAT 32 VF14	181820	1,5 - 6	1	40	220
CAT 425 VF14	181830	1,5 - 6	1	10	450

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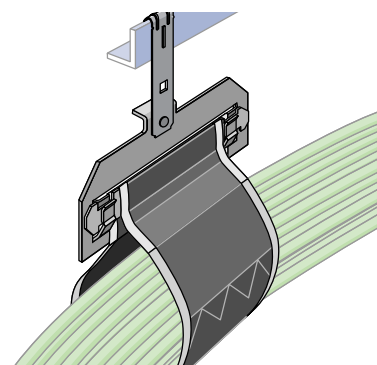
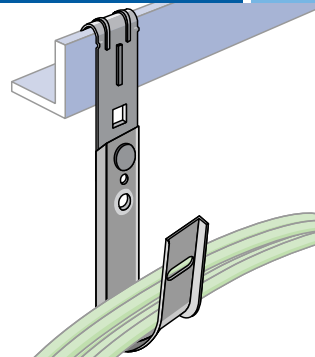
CAT 12/21/32



CAT 425



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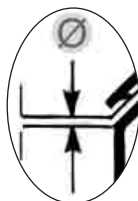


CAT AF

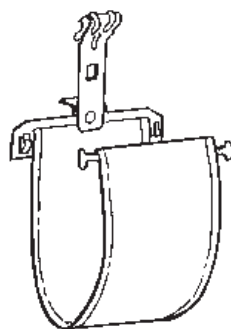
		A mm			
CAT 12 AF14	181840	1,5 - 6	1	40	220
CAT 21 AF14	181850	1,5 - 6	1	40	220
CAT 32 AF14	181860	1,5 - 6	1	40	220
CAT 425 AF14	181870	1,5 - 6	1	10	450

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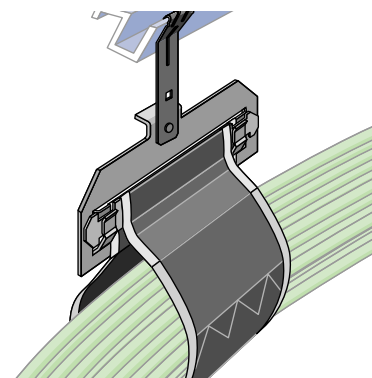
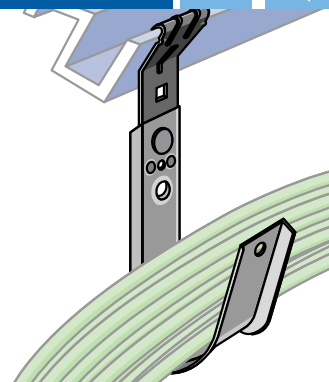
CAT 12/21/32



CAT 425



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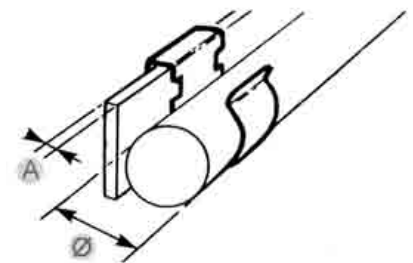
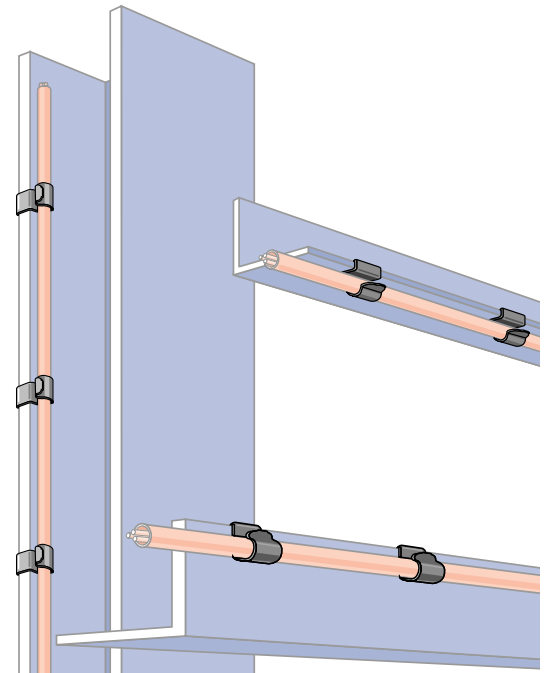
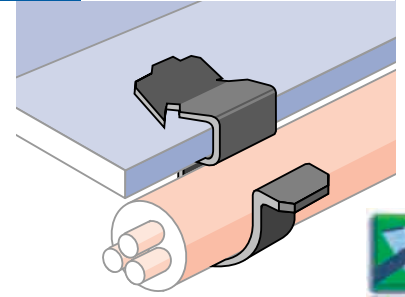




		A mm	Ø mm		
24SC67	187510	2-4	6-7	7	100
24SC78	187710	2-4	7-8	7	100
24SC89	187530	2-4	8-9	7	100
24SC910	187750	2-4	9-10	7	100
24SC1011	187550	2-4	10-11	7	100
24SC1214	187570	2-4	12-14	7	100
24SC1518	187590	2-4	15-18	7	100
24SC1924	187610	2-4	19-24	7	100
24SC2530	187630	2-4	25-32	7	100

47SC67	187500	4-7	6-7	7	100
47SC78	187720	4-7	7-8	7	100
47SC89	187520	4-7	8-9	7	100
47SC910	187760	4-7	9-10	7	100
47SC1011	187540	4-7	10-11	7	100
47SC1214	187560	4-7	12-14	7	100
47SC1518	187580	4-7	15-18	7	100
47SC1924	187600	4-7	19-24	7	100
47SC2530	187620	4-7	25-32	7	100

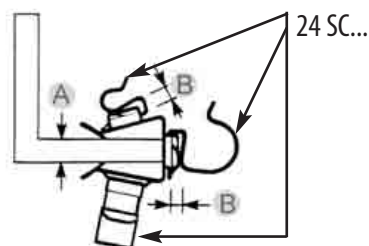
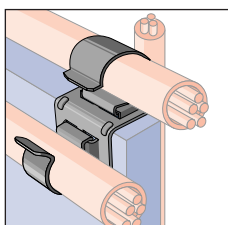
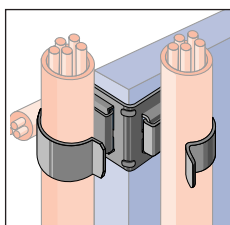
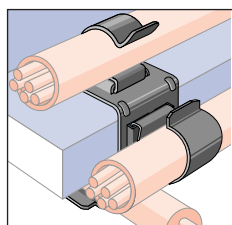
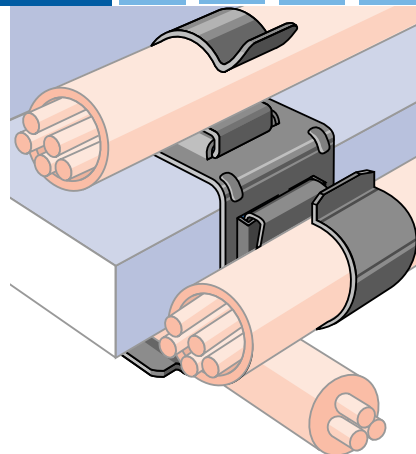
812SC67	187640	8-12	6-7	7	100
812SC78	187730	8-12	7-8	7	100
812SC89	187650	8-12	8-9	7	100
812SC910	187770	8-12	9-10	7	100
812SC1011	187660	8-12	10-11	7	100
812SC1214	187670	8-12	12-14	7	100
812SC1518	187680	8-12	15-18	7	100
812SC1924	187690	8-12	19-24	7	100
812SC2530	187700	8-12	25-32	7	100



SCA



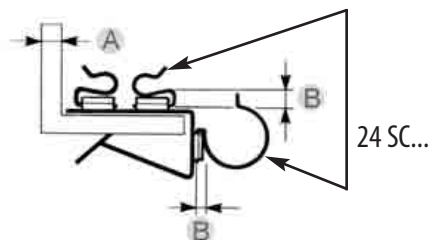
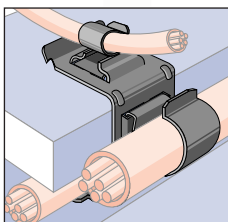
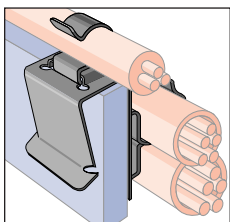
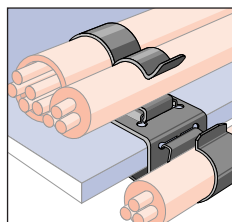
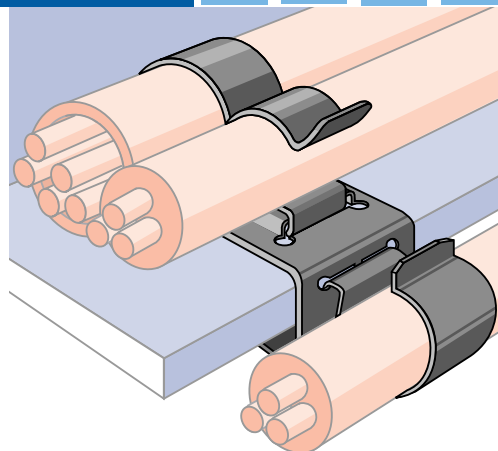
		A mm	B mm		
SCA	160510	13-20	2-4	7	100



SCB



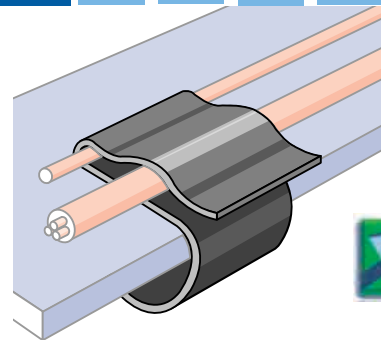
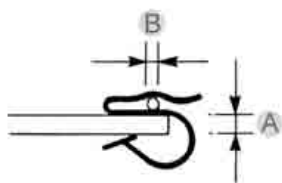
		A mm	B mm		
SCB312	188080	3-12	2-4	7	100
SCB1220	188090	12-20	2-4	7	100



HK



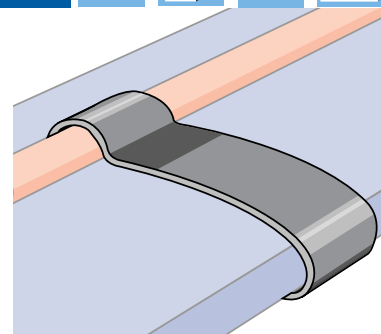
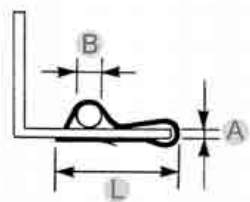
		A mm	B mm		
HK21	187440	1,5-4,5	4,2-6,5	1	100
HK22	187450	4-8	4,2-6,5	1	100
HK23	187460	8-11	4,2-6,5	1	100



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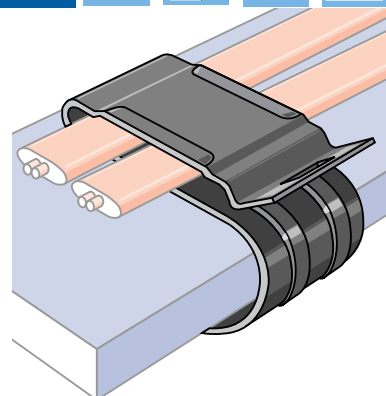
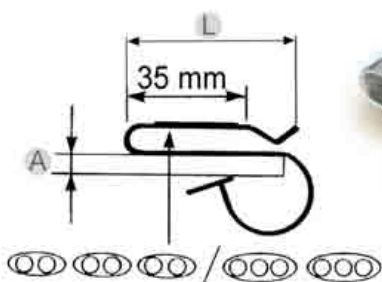
		A mm	B mm	L mm		
87182	188190	5	10	40	1	100
87186	188200	6	8	65	1	100



LF



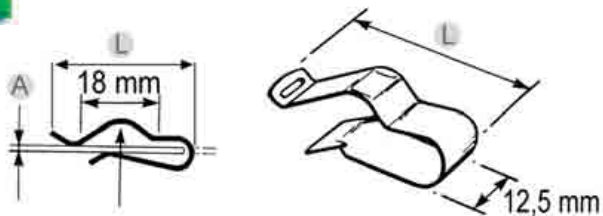
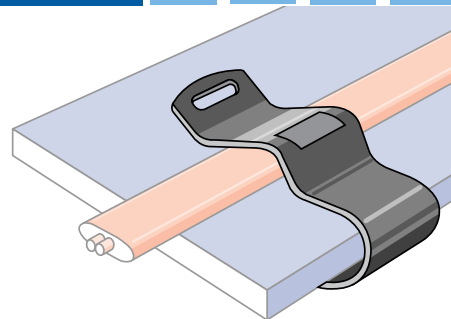
		A mm	L mm		
LF2	187400	5-12	45	1	100
LF3	187410	12-20	53	1	100



LF



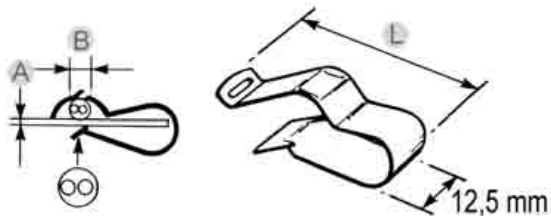
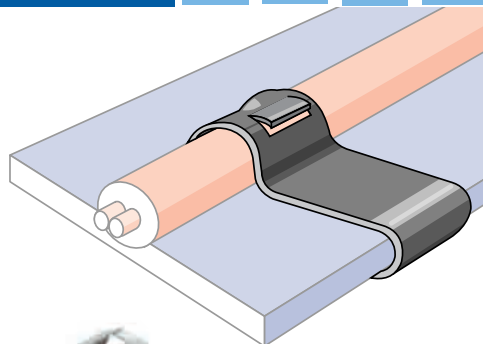
			A mm	L mm		
LF4		187420	3-6	42	1	100
LF5		187430	6-12	49	1	100



LR



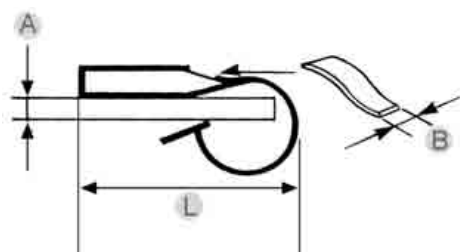
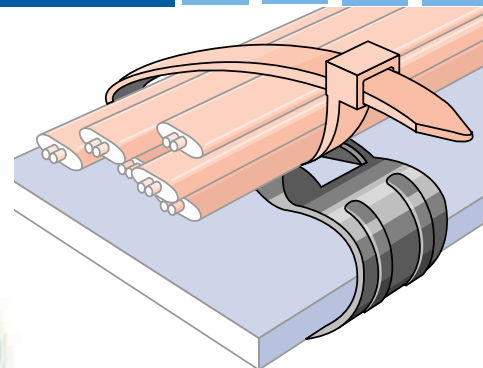
			A mm	B mm	L mm		
LR1		187370	3-6	8-15	36	1	100
LR2		187380	6-12	8-15	36	1	100



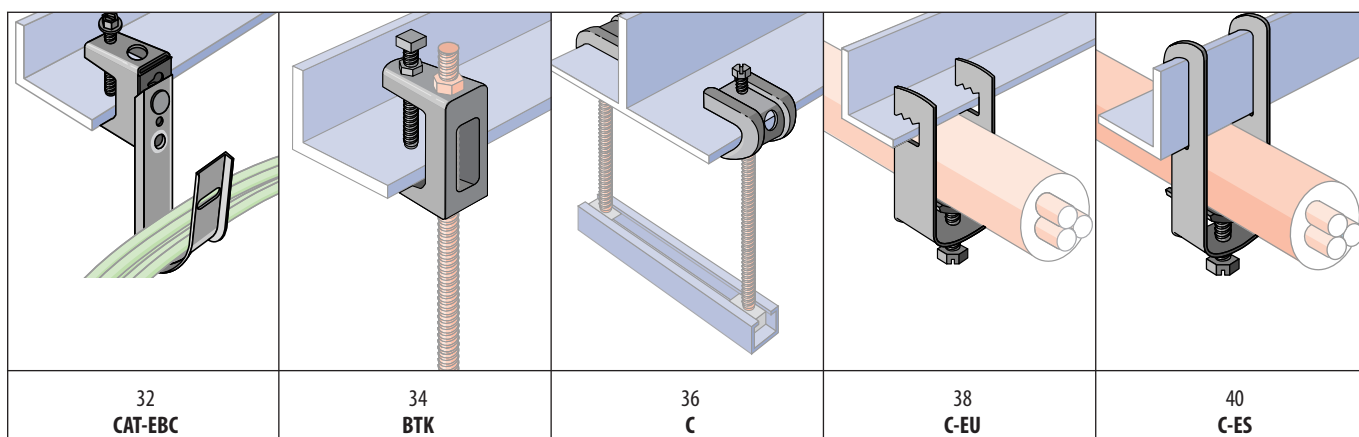
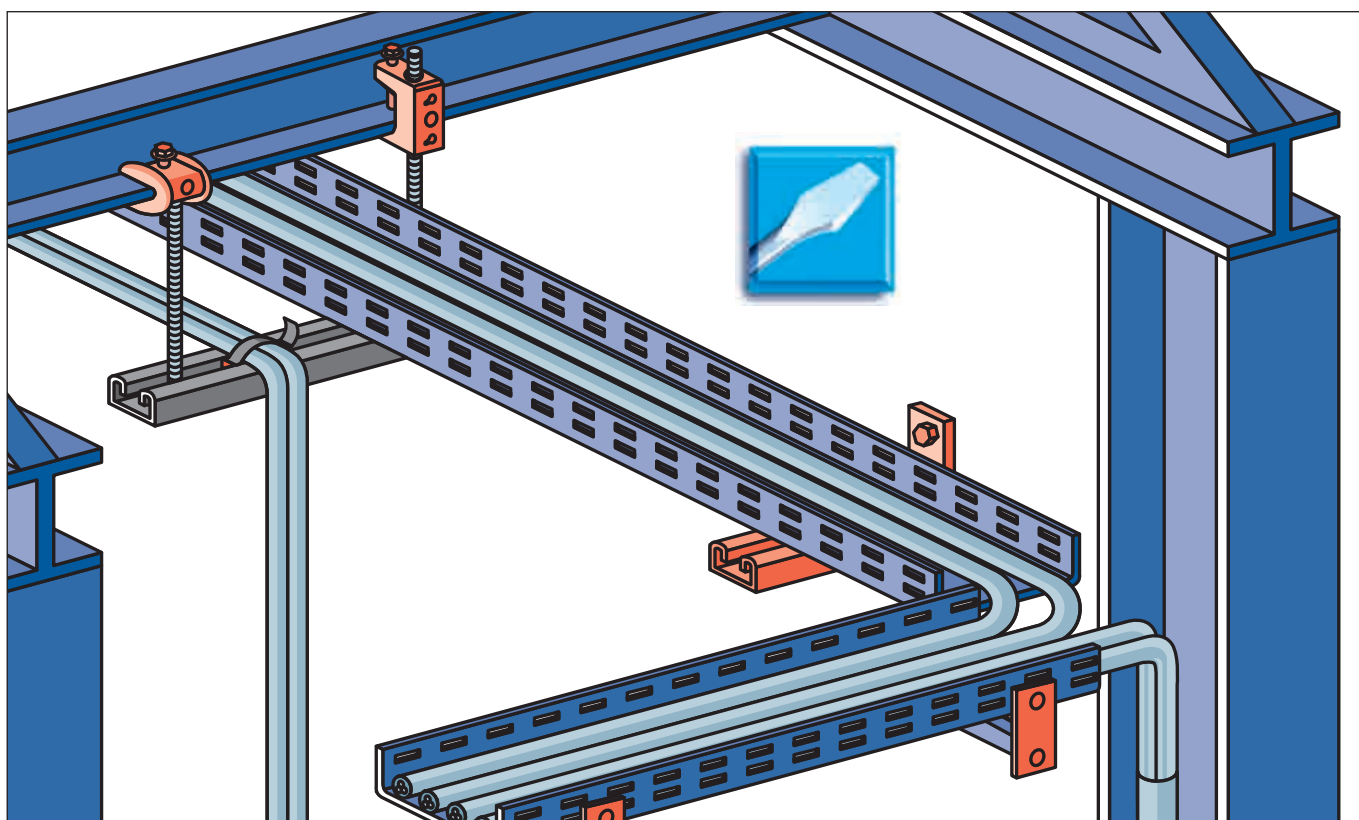
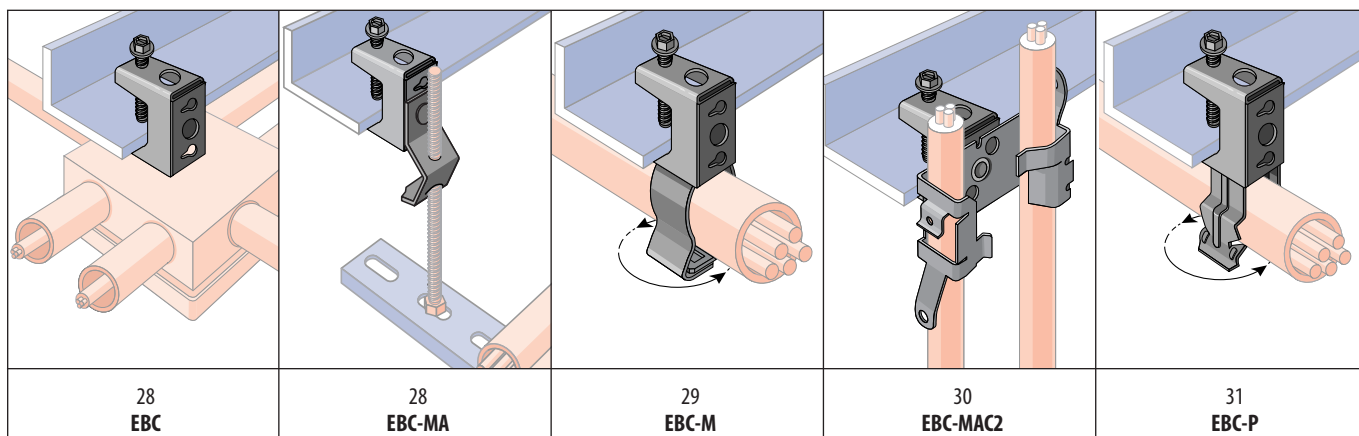
LB3B



			A mm	B mm	L mm		
LB3B		187390	12-20	<8	52	1	100

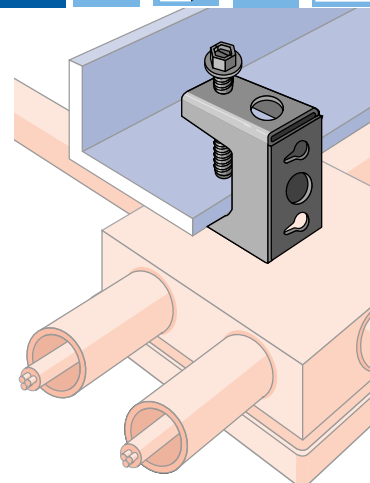
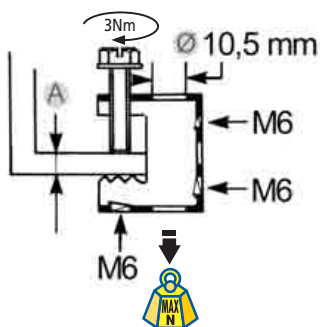


4. BOLT-ON RANGE





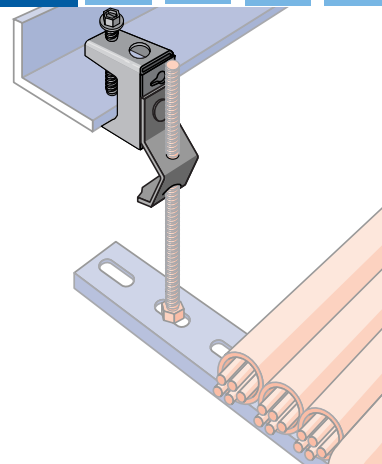
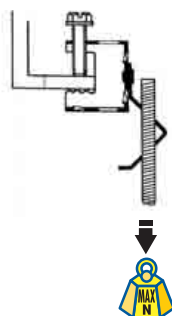
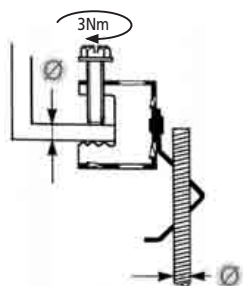
		A mm	M			
EBC	170380	<16	6	7	100	450



EBC-MA



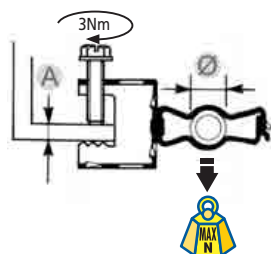
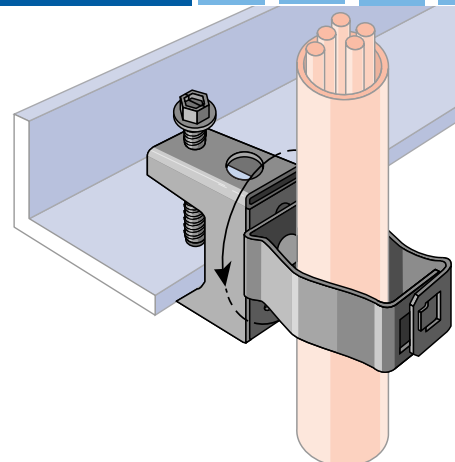
		A mm	Ø mm			
EBCM6MA	172990	<16	M6	7	100	250
EBCM8MA	173000	<16	M8	7	100	250
EBCM10MA	173010	<16	M10	7	100	250



EBC-MSM



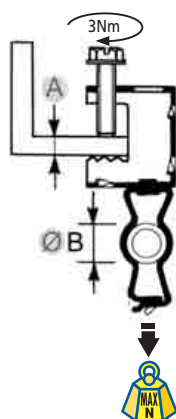
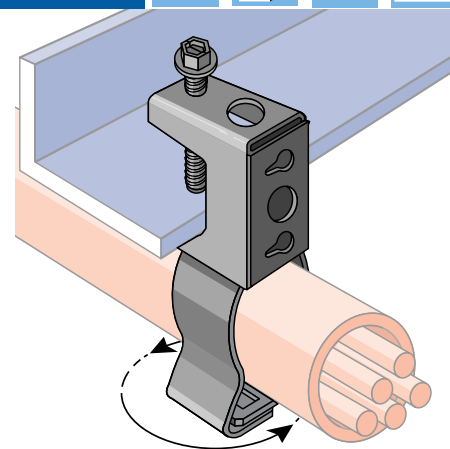
		A mm	Ø mm			
EBC6MSM	172650	<16	14-18	7	100	110
EBC812MSM	160180	<16	18-30	7	100	110
EBC16MSM	172660	<16	30-35	7	100	110
EBC20MSM	172670	<16	35-42	7	50	110
EBC24MSM	172680	<16	42-50	7	50	110
EBC32MSM	172690	<16	50-60	7	50	110



EBC-M

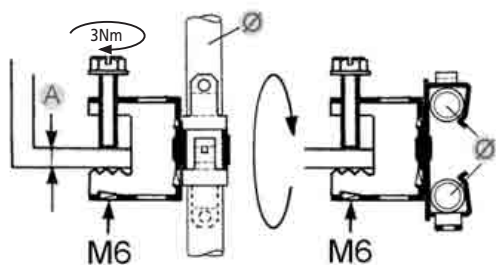
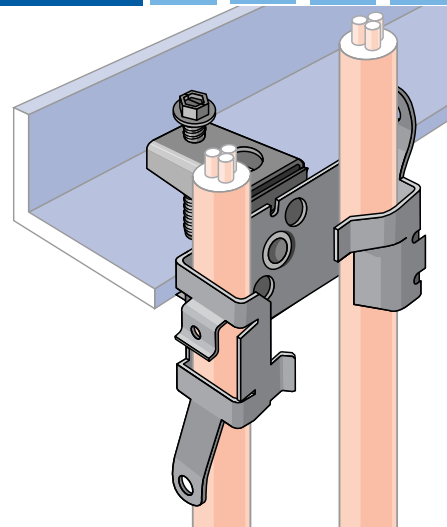


		A mm	B mm			
EBC6M	172580	<16	14-18	7	100	450
EBC812M	160200	<16	18-30	7	100	450
EBC16M	172590	<16	30-35	7	100	450
EBC20M	172600	<16	35-42	7	50	450
EBC24M	172610	<16	42-50	7	50	450
EBC32M	172620	<16	50-60	7	50	450





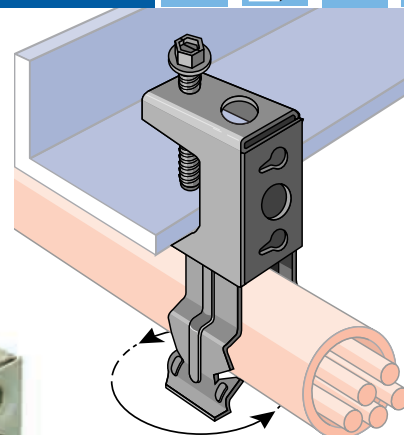
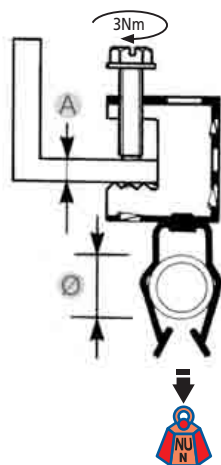
		A mm	Ø mm		
EBCMAC2	172980	<16	12,5-14,5	7	100



EBC-P



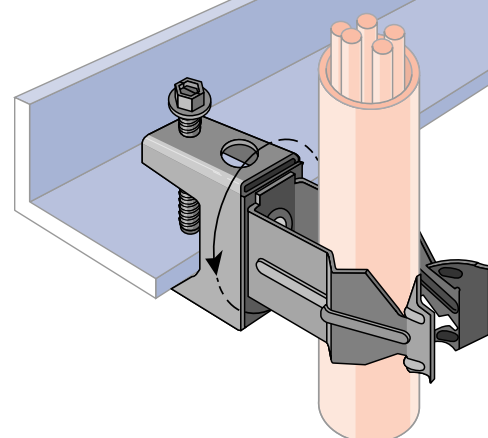
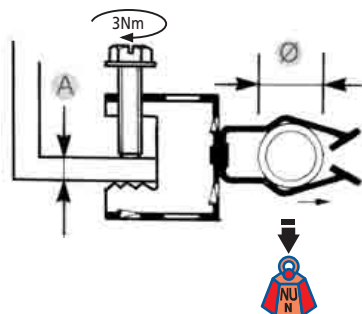
		A mm	Ø mm			
EBC8P	172700	<16	18-22	7	100	110
EBC12P	172710	<16	22-30	7	100	110
EBC16P	172720	<16	30-35	7	100	110



EBC-PSM



		A mm	Ø mm			
EBC8PSM	172730	<16	18-22	7	100	70
EBC12PSM	172740	<16	22-30	7	100	70
EBC16PSM	172750	<16	30-35	7	100	70



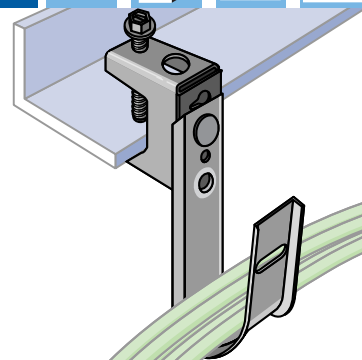
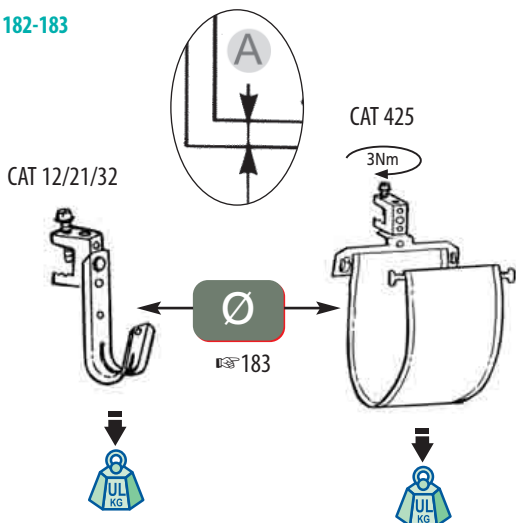
CAT EBC



	N°	A mm	P		
CAT 12 EBC	181300	< 16	1	50	220
CAT 21 EBC	181310	< 16	1	40	220
CAT 32 EBC	181320	< 16	1	30	220
CAT 425 EBC	181360	< 16	1	20	220
CAT 12 EBCB	181330	< 16	1	50	220
CAT 21 EBCB	181340	< 16	1	40	220
CAT 32 EBCB	181350	< 16	1	30	220



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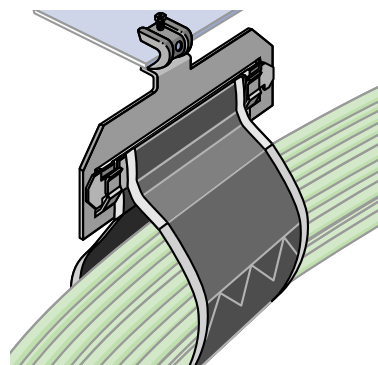
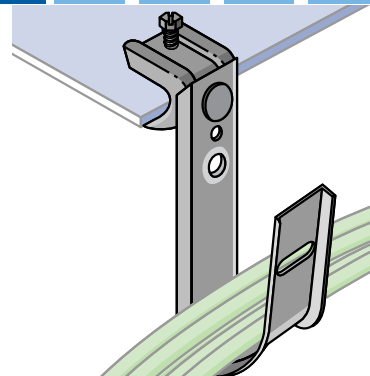
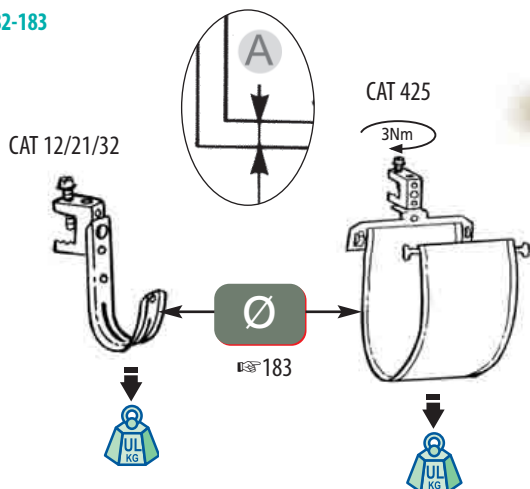


CAT BC 200



	N°	A mm	P		
CAT 12BC 200	181400	< 16	1	40	220
CAT 21BC 200	181410	< 16	1	40	220
CAT 32BC 200	181420	< 16	1	20	220
CAT 425BC 200	181460	< 16	1	10	250
CAT 12BC 200B	181430	< 16	1	40	220
CAT 21BC 200B	181440	< 16	1	40	220
CAT 32BC 200B	181450	< 16	1	20	220

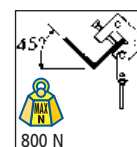
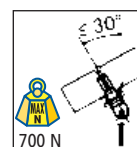
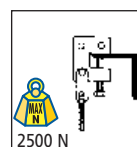
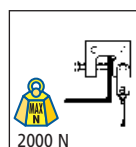
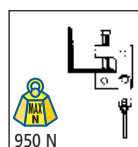
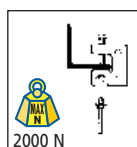
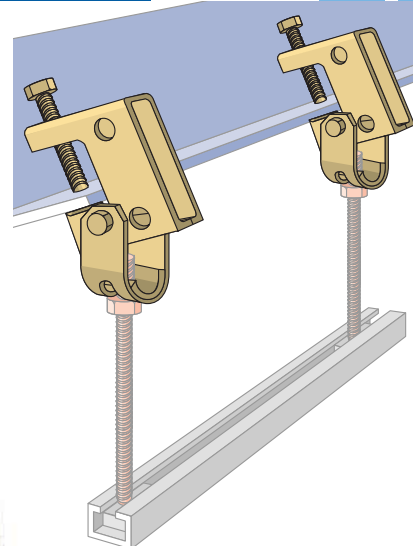
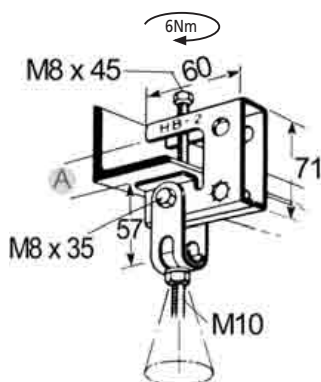
 p. 182-183



HB2



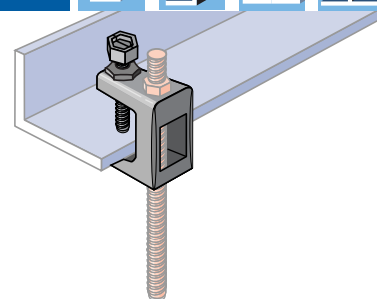
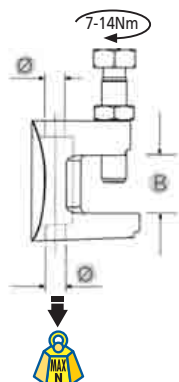
		A mm		
HB2	336030	< 24	1	50
HB2-3	336040	< 24	3	50



TKN

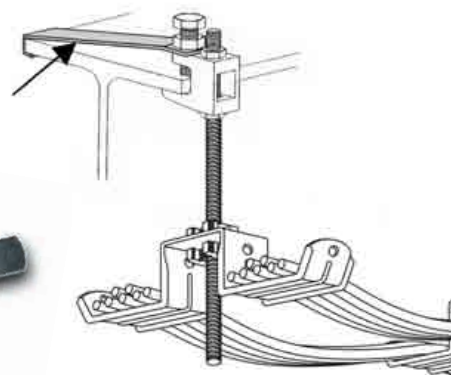
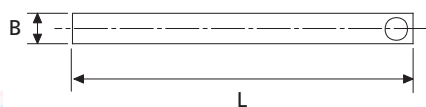


		Ø	B mm			
TKN M6	386805	M6	18	1	140	1200
TKN 8	389500	9	18	1	100	1200
TKN M8	386810	M8	18	1	100	1200
TKN 10	389510	11	20	1	100	2500
TKN M10	386820	M10	20	1	100	2500
TK 12	389520	13	26	1	80	3500
TK M12	386830	M12	26	1	80	3500





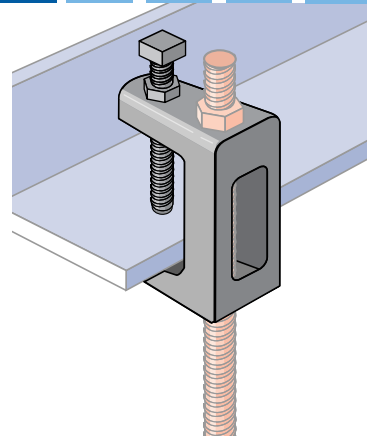
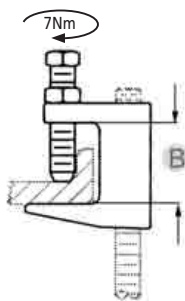
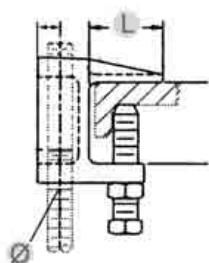
		B mm	L mm		
SL 25x2,5x350	590240	25	350	1	50



BTK



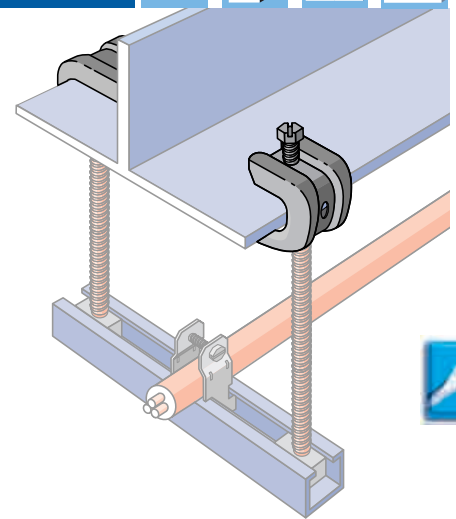
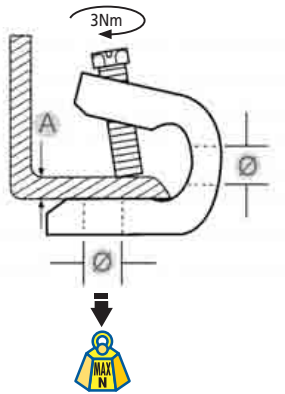
		Ø	L mm	B mm			
BTK M10	389890	M10	21,4	31,8	1	50	2800
BTK M12	388890	M12	18,9	31,8	1	50	5100



BC 200



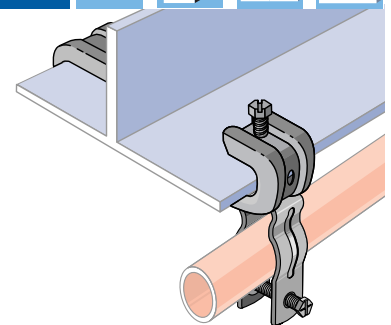
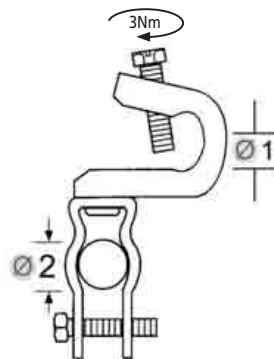
		$\emptyset$	A mm			
BC200	181180	M6	<16	1	50	550



BC 200 CDB



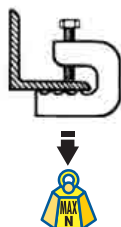
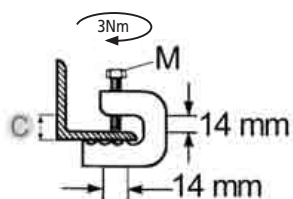
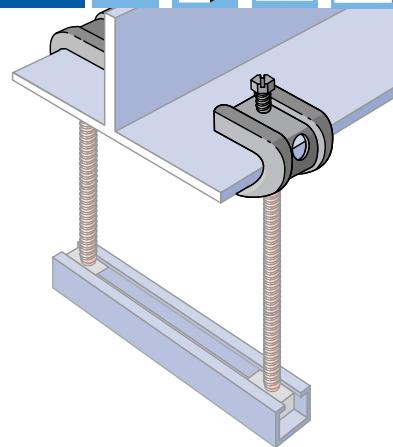
		$\emptyset 1$	$\emptyset 2$ mm		A mm		
			min.	max.			
BC200/CD0B	182210	M6	17	22	<16	1	50
BC200/CD1B	182220	M6	19	25	<16	1	50
BC200/CD2B	182230	M6	25	33	<16	1	50
BC200/CD2.5B	182240	M6	31	38	<16	1	50
BC200/CD3B	182250	M6	36	43	<16	1	50



C

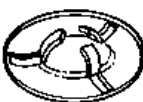
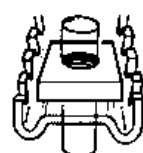


		C mm	M mm			
C20	336100	20	6 x 25	3	100	1100
C30	336110	30	8 x 30	3	100	1100
C45	336120	45	8 x 30	3	50	1100



SM/SPP

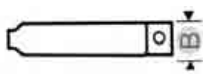
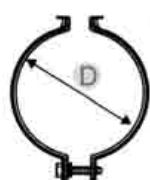
		M		
SM6	336160	M6	3	100
SM8	336170	M8	3	100



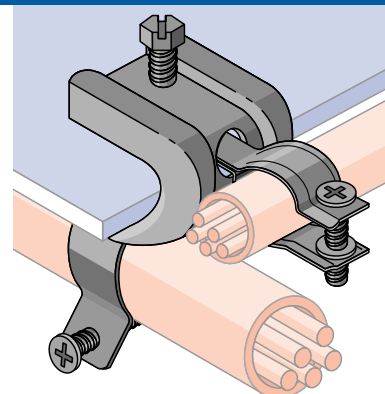
SPP6	336200	M6	3	100
SPP8	336210	M8	3	100

CR

		D mm	B mm		
CR17	336300	16-20	16	3	200
CR21	336310	20,4-25	16	3	100
CR28	336320	26,9-31,8	16	3	100
CR37	336330	33,7-38	20	3	50
CR42	336340	40-44,5	20	3	50
CR48	336350	47-51	20	3	50
CR60	336360	59,2-63,5	20	3	25

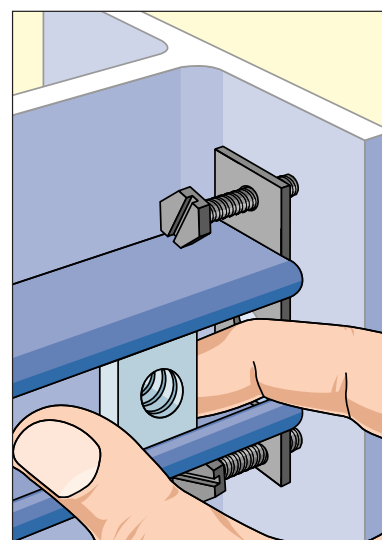
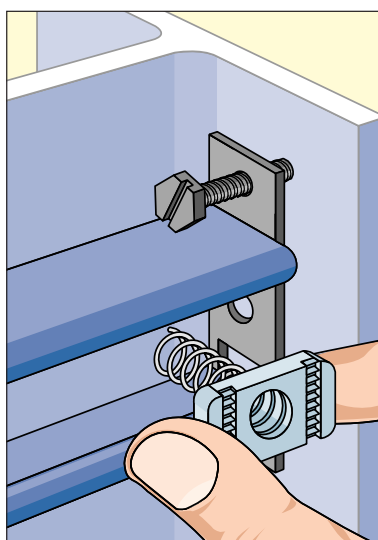
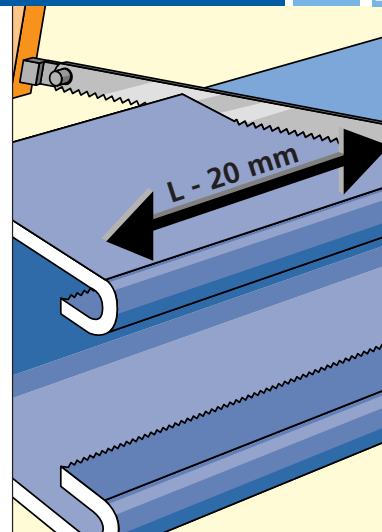
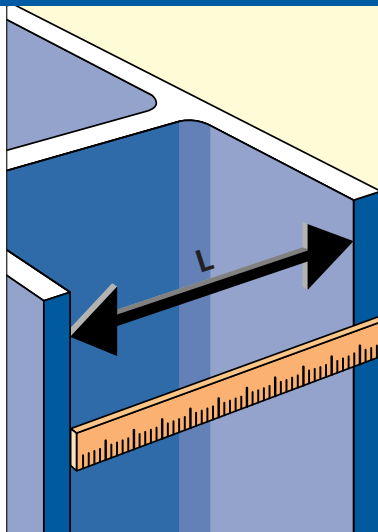
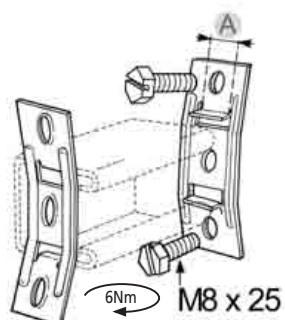


550  250 





			A mm			
INC8		336290	13	7	100	450



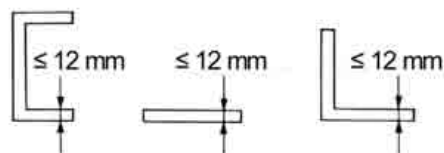
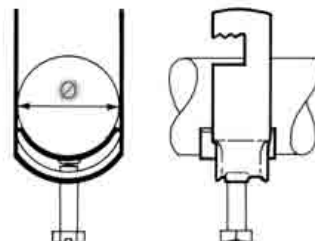
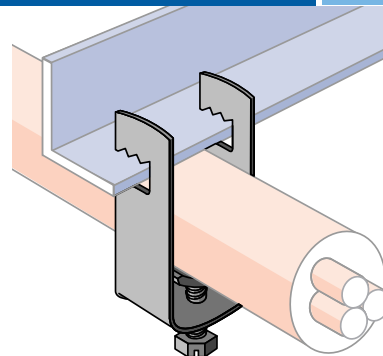
C-HW

			Ø mm	L mm		
C20HW		338001	17	55	13	50
C32HW		338002	29	60	13	25
C44HW		338003	39	60	13	25
C56HW		338004	51	60	13	25



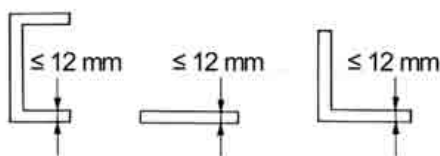
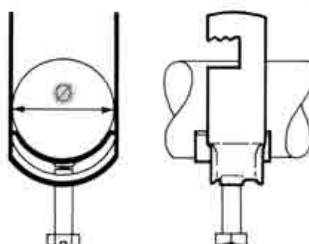
C-EU

		Ø mm		
C 12EU	337300	6-12	3	100
C 16EU	337310	12-16	3	100
C 20EU	337320	16-20	3	100
C 24EU	337330	20-24	3	100
C 28EU	337340	24-28	3	100
C 32EU	337350	28-32	3	100
C 36EU	337360	32-36	3	100
C 40EU	337370	36-40	3	100
C 44EU	337380	40-44	3	100
C 48EU	337390	44-48	3	100
C 52EU	337400	48-52	3	50
C 56EU	337410	52-56	3	50
C 60EU	337420	56-60	3	50
C 64EU	337430	60-64	3	50
C 70EU	337440	64-70	3	50
C 76EU	337450	70-76	3	25
C 82EU	337460	76-82	3	25
C 88EU	337470	82-88	3	25
C 94EU	337480	88-94	3	25
C100EU	337490	94-100	3	25



C-2/3EU

		Ø mm	cable		
C12-2EU	337305	8 - 12	2	3	100
C16-2EU	337315	12 - 16	2	3	100
C20-2EU	337325	16 - 20	2	3	100
C32-2EU	337355	28 - 32	2	3	100
C44-2EU	337385	40 - 44	2	3	100
C52-2EU	337415	48 - 52	2	3	50
C12-3EU	337306	8 - 12	3	3	100
C16-3EU	337316	12 - 16	3	3	100
C20-3EU	337326	16 - 20	3	3	100
C32-3EU	337356	28 - 32	3	3	100
C44-3EU	337366	40 - 44	3	3	100
C52-3EU	337416	48 - 52	3	3	50



C-LW

		Ø mm	L mm		
C12LW	339500	9 - 12	70	1	100
C16LW	339510	13 - 16	70	1	100
C20LW	339520	17 - 20	70	1	100
C24LW	339530	21 - 24	70	1	100
C28LW	339540	25 - 28	70	1	100
C32LW	339550	29 - 32	70	1	100
C36LW	339560	33 - 36	70	1	100
C40LW	339570	37 - 40	70	1	100
C44LW	339580	41 - 44	70	1	100
C48LW	339590	45 - 48	70	1	100
C52LW	339600	49 - 52	70	1	100
C56LW	339610	53 - 56	70	1	100
C60LW	339620	57 - 60	70	1	100
C64LW	339630	61 - 64	70	1	100
C70LW	339640	65 - 70	70	1	100
C76LW	339650	71 - 76	70	1	100
C82LW	339660	77 - 82	100	1	100
C88LW	339670	83 - 88	100	1	100
C94LW	339680	89 - 94	100	1	100
C100LW	339690	95 - 100	100	1	100



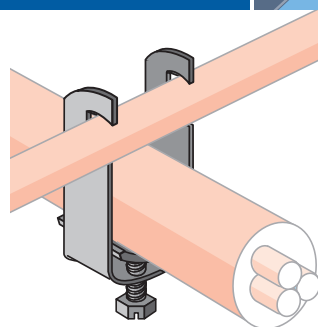
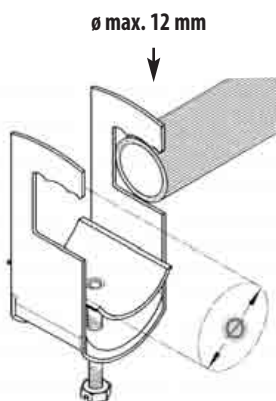
C-GW

		Ø mm	L mm		
C12GW	337800	9 - 12	40	13	100
C16GW	337810	13 - 16	40	13	100
C20GW	337820	17 - 20	40	13	100
C24GW	337830	21 - 24	40	13	100
C28GW	337840	25 - 28	40	13	100
C32GW	337850	29 - 32	40	13	100
C36GW	337860	33 - 36	40	13	50
C40GW	337870	37 - 40	40	13	50
C48GW	337890	41 - 48	40	13	50
C56GW	337900	49 - 56	40	13	50
C64GW	338000	57 - 64	40	13	50
C70GW	337940	65 - 70	40	13	50
C76GW	337950	71 - 76	60	13	50
C82GW	337960	77 - 82	60	13	50
C88GW	337970	83 - 88	60	13	50
C94GW	337980	89 - 94	60	13	50
C100GW	337990	95 - 100	60	13	50



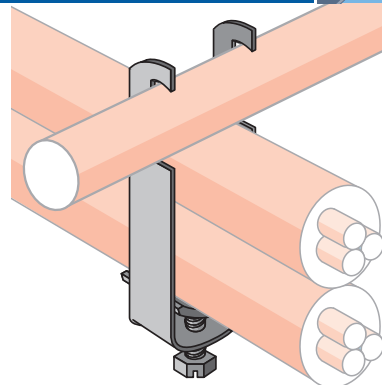
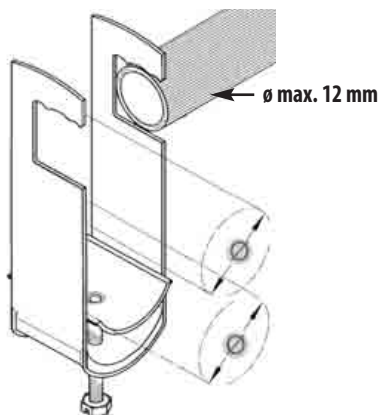
C-ERU

		Ø mm		
C 14ERU	337200	14	3	250
C 20ERU	337210	20	3	250
C 26ERU	337220	26	3	250
C 32ERU	337230	32	3	100
C 38ERU	337240	38	3	100
C 44ERU	337250	44	3	100
C 52ERU	337260	52	3	100
C 60ERU	337270	60	3	100
C 70ERU	337280	70	3	50



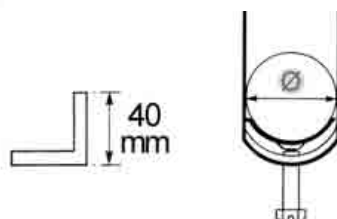
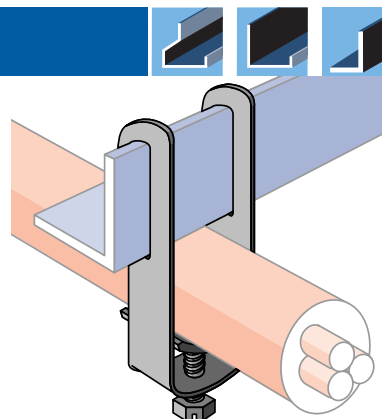
C-2 ERU

		Ø mm		
C 14/2ERU	338300	2 x 14	3	250
C 20/2ERU	338310	2 x 20	3	200
C 26/2ERU	338320	2 x 26	3	100
C 32/3ERU	338330	2 x 32	3	100

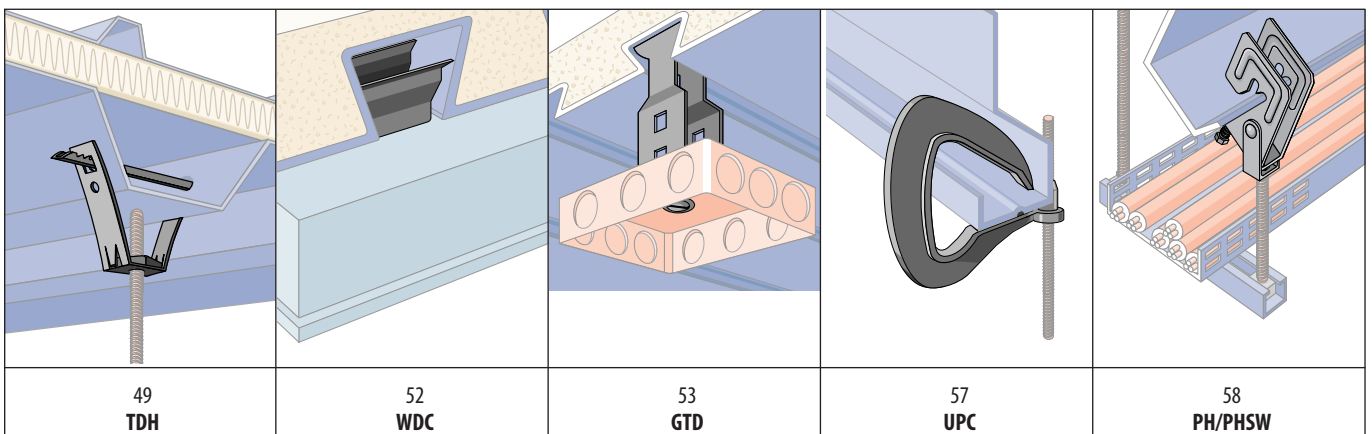
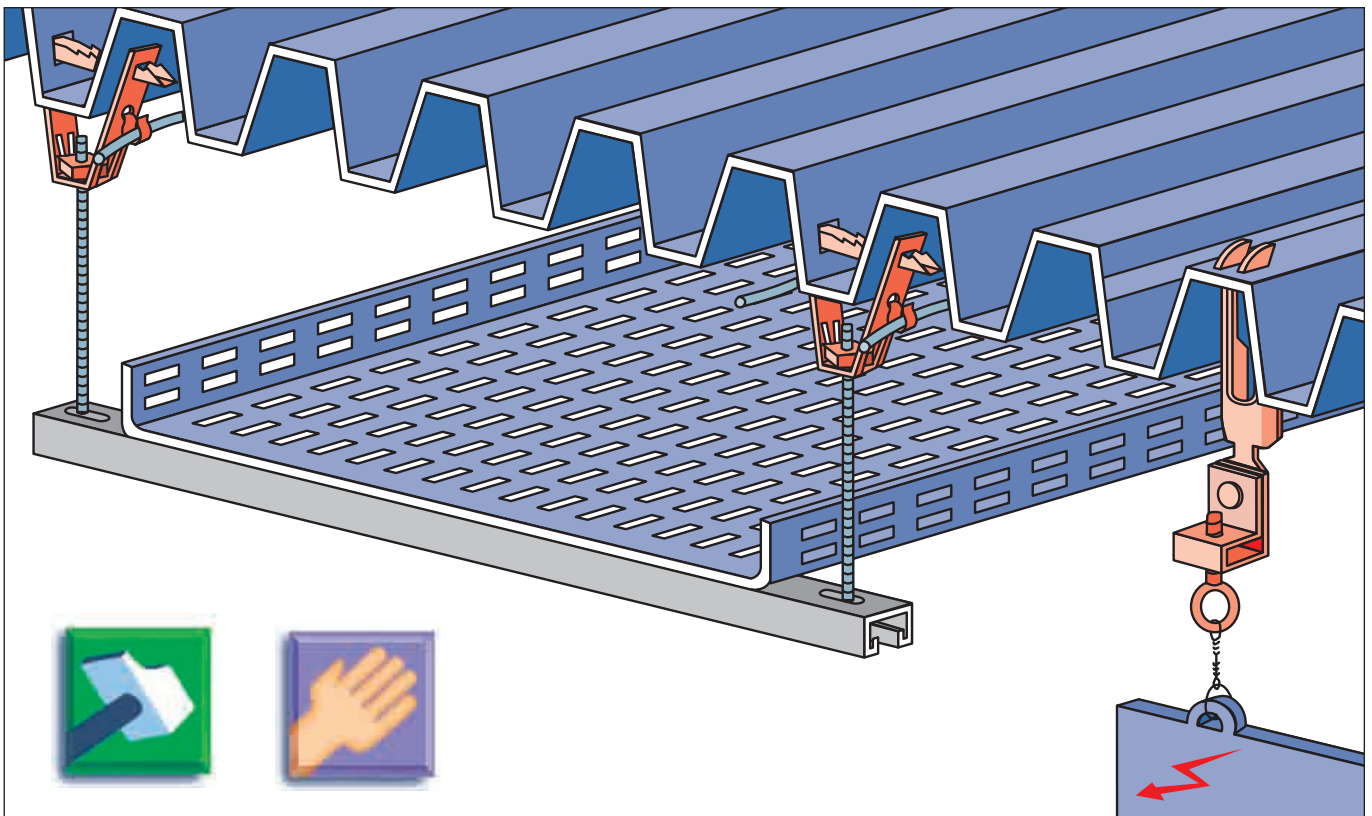
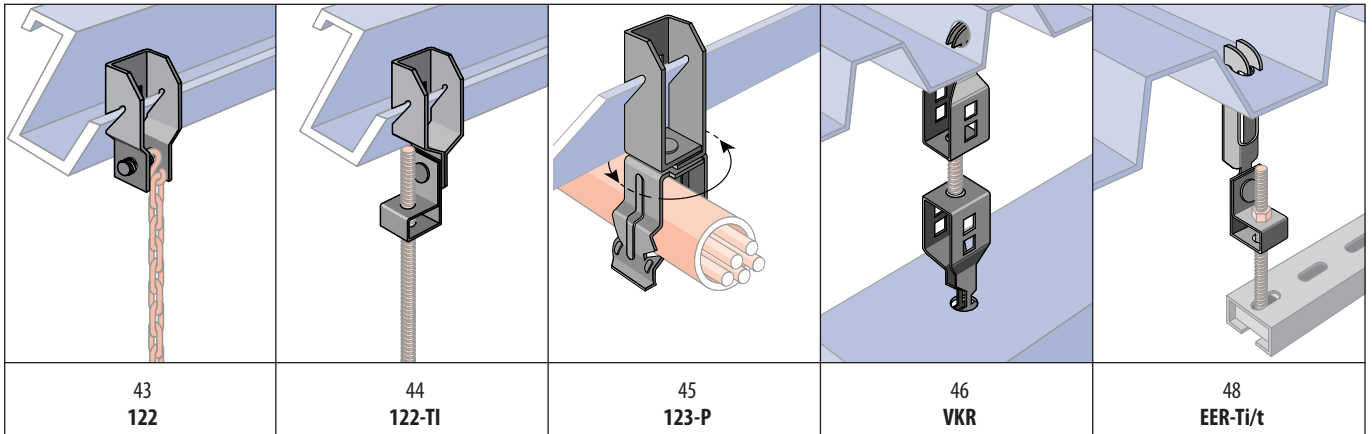


C-ES

		Ø mm		
C 12ES	337000	6-12	7	100
C 16ES	337010	12-16	7	100
C 20ES	337020	16-20	7	100
C 24ES	337030	20-24	7	100
C 28ES	337040	24-28	7	100
C 32ES	337050	28-32	7	100
C 36ES	337060	32-36	7	100
C 40ES	337070	36-40	7	100
C 44ES	337080	40-44	7	100
C 48ES	337090	44-48	7	100
C 52ES	337100	48-52	7	50
C 56ES	337110	52-56	7	50
C 60ES	337120	56-60	7	50
C 64ES	337130	60-64	7	50
C 70ES	337140	64-70	7	50
C 76ES	337150	70-76	7	25
C 82ES	337160	76-82	7	25
C 88ES	337170	82-88	7	25
C 94ES	337180	88-94	7	25
C100ES	337190	94-100	7	25

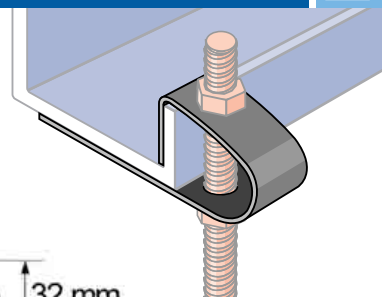
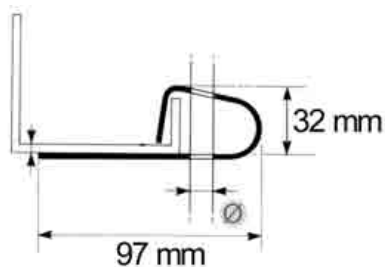
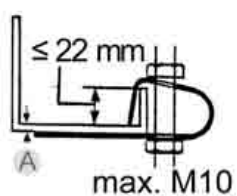


5. ROOF METAL DECKING & PURLIN RANGE



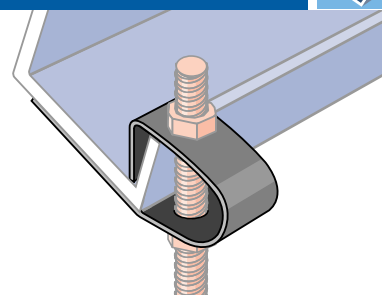
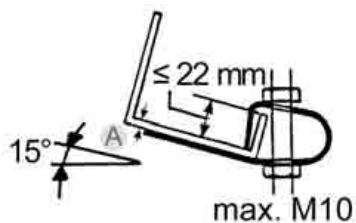
D1

			A mm	Ø mm			
D1		336280	≤ 4	11	1	100	1200



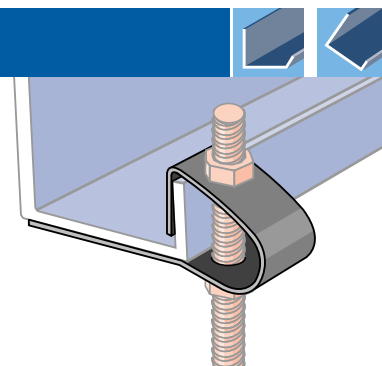
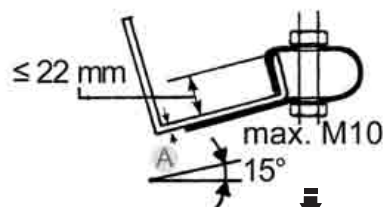
D2

			A mm	Ø mm			
D2		339100	≤ 4	11	1	100	1200

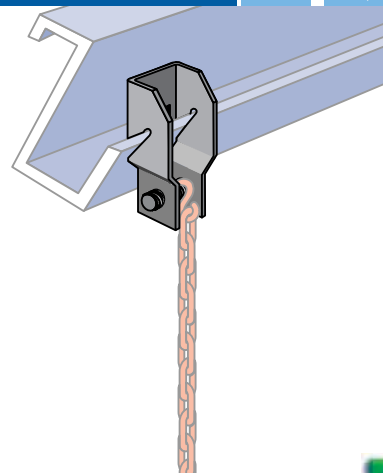
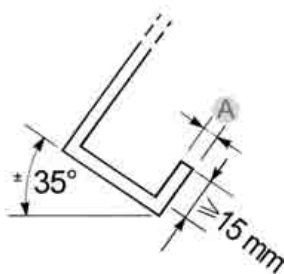
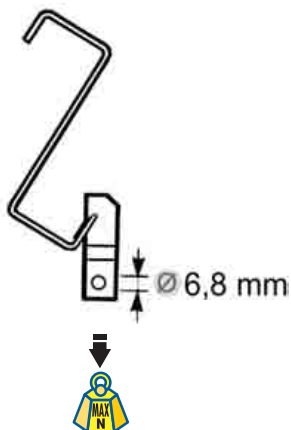


D3

			A mm	Ø mm			
D3		339110	≤ 4	11	1	100	1200

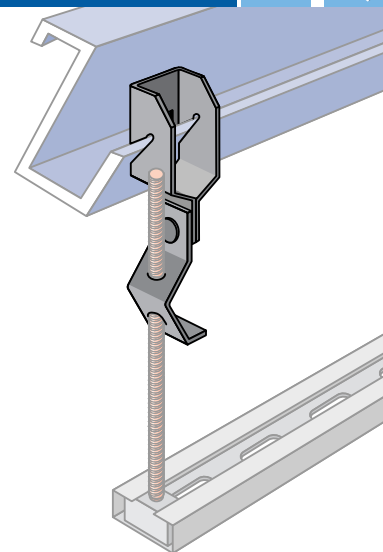
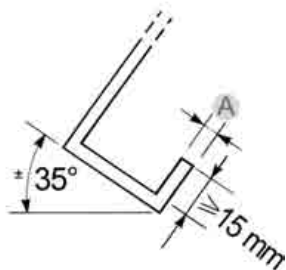
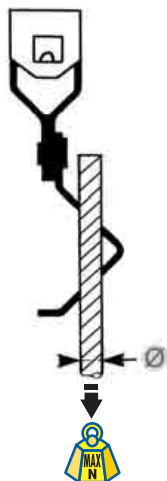


			A mm			
122		171690	≤ 2,8	7	100	450



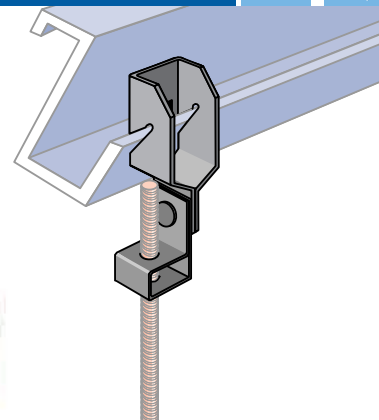
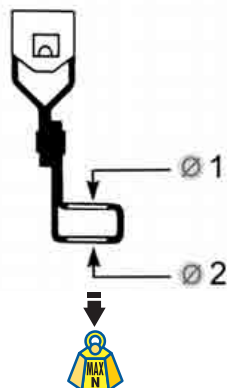
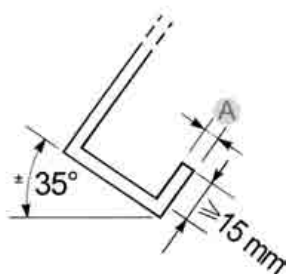
122 MA

			A mm	Ø			
122 M6MA		174680	≤ 2,8	M6	7	100	450
122 M8MA		174690	≤ 2,8	M8	7	100	450
122 M10MA		174700	≤ 2,8	M10	7	100	450



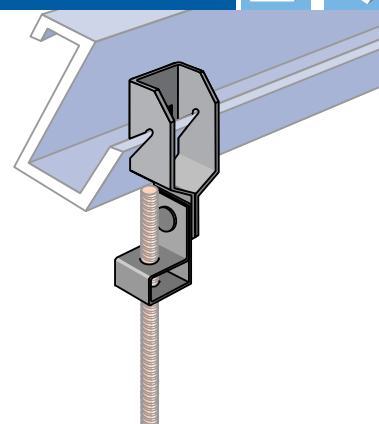
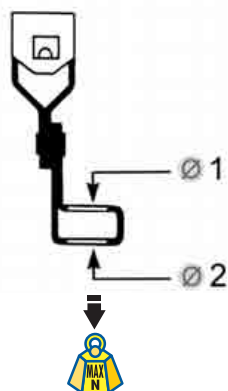
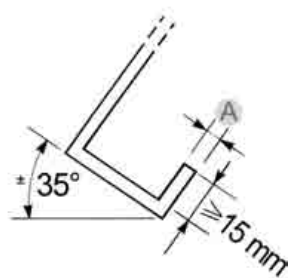
122 Ti

		A mm	Ø 1	Ø 2 mm			
122M6Ti	174890	≤ 2,8	M6	7	7	100	450
122M8Ti	174980	≤ 2,8	M8	8,5	7	100	450
122M10Ti	175070	≤ 2,8	M10	11	7	100	450



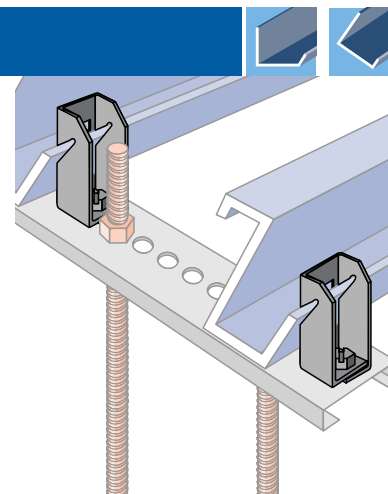
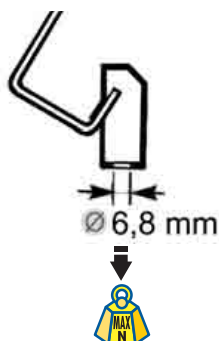
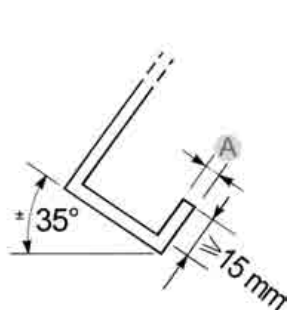
122 T10

		A mm	Ø 1 mm	Ø 2 mm			
122 T10	160240	≤ 2,8	11	11	7	100	450



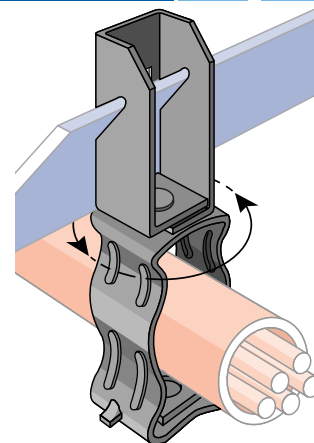
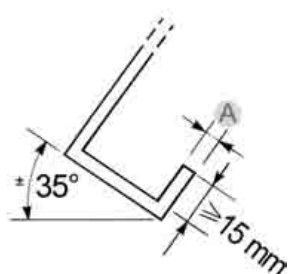
123

			A mm			
123		171700	< 2,8	7	100	450



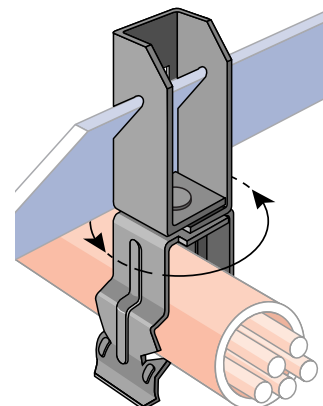
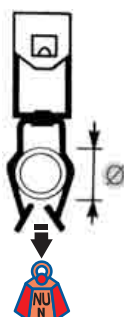
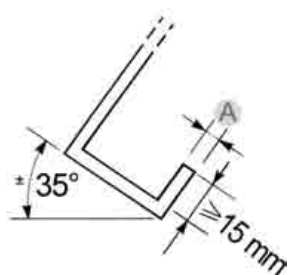
123-M

			A mm	Ø mm			
123 6M		174760	< 2,8	14-18	7	100	450
123 812M		160420	< 2,8	18-30	7	100	450
123 16M		174790	< 2,8	30-35	7	100	450
123 20M		177760	< 2,8	35-42	7	50	450



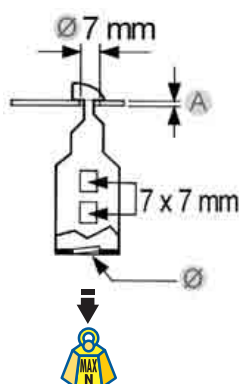
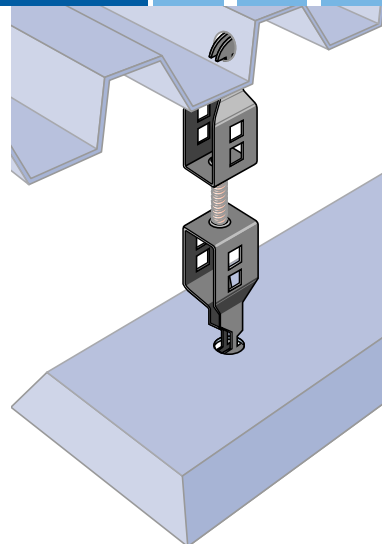
123-P

			A mm	Ø mm			
123 8P		176720	< 2,8	18-22	7	100	110
123 12P		176730	< 2,8	22-30	7	100	110
123 16P		176740	< 2,8	30-35	7	50	110

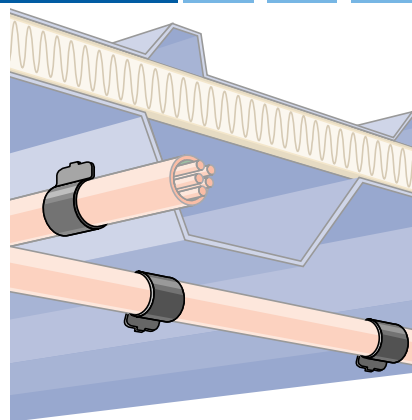




		A mm	Ø M			
M6VKR	160640	0,8-2 2-3	M6	7	100	450 600
M8VKR	160650	0,8-2 2-3	M8	7	100	450 900
M10VKR	160660	0,8-2 2-3	M10	7	100	450 900

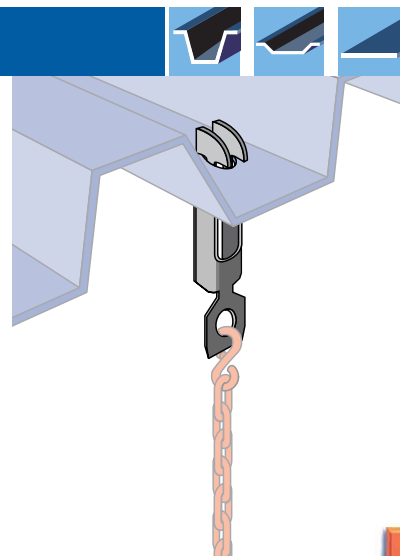
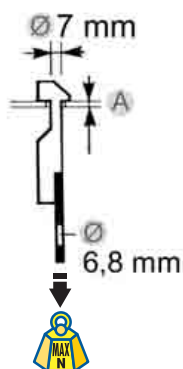


		Ø mm		
HSC67	186000	6-7	7	100
HSC78	187740	7-8	7	100
HSC89	186010	8-9	7	100
HSC910	187780	9-10	7	100
HSC1011	186020	10-11	7	100
HSC1214	186030	12-14	7	100
HSC1518	186040	15-18	7	100
HSC1924	186050	19-24	7	100
HSC2530	186060	25-32	7	100



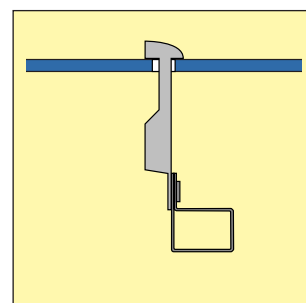
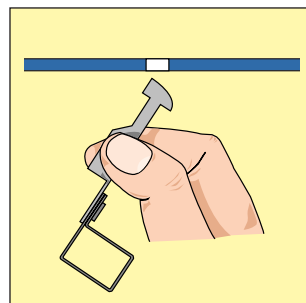
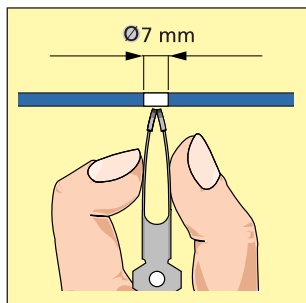
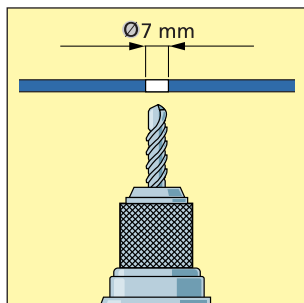
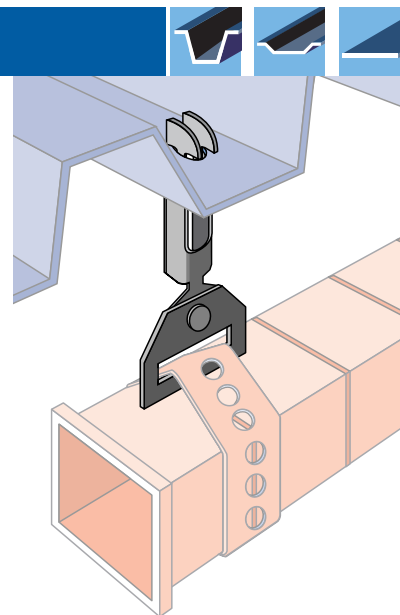
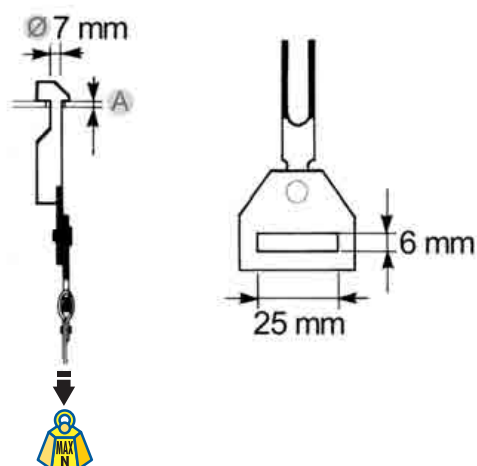
EER

			A mm			
EER		171470	0,8-2	7	100	450
			2-3	7	100	900



EERS

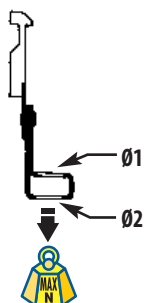
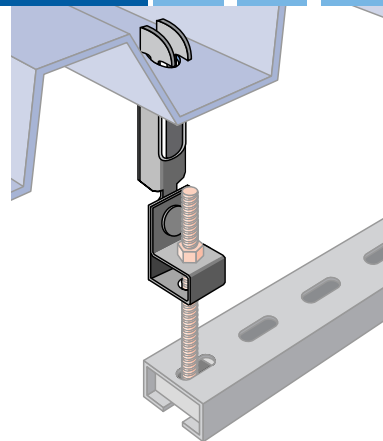
			A mm			
EERS		173080	0,8-2	7	100	450
			2-3	7	100	900



EER-Ti/T



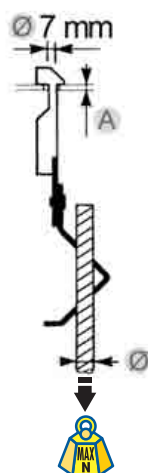
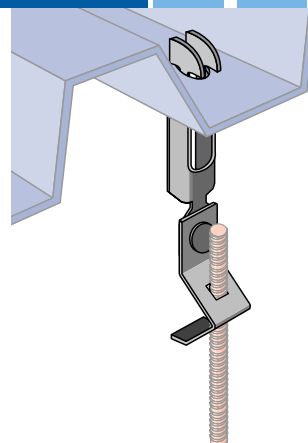
		A mm	Ø 1 M/mm	Ø 2 mm			
EERM6Ti	173120	0,8-2	M6	7	7	100	450
		2-3			7	100	900
EERM8Ti	173130	0,8-2	M8	8,5	7	100	450
		2-3			7	100	900
EERM10Ti	173140	0,8-2	M10	11	7	100	450
		2-3			7	100	900
EERT10	160250	0,8-2	11	11	7	100	450
		2-3			7	100	900



EER-MA



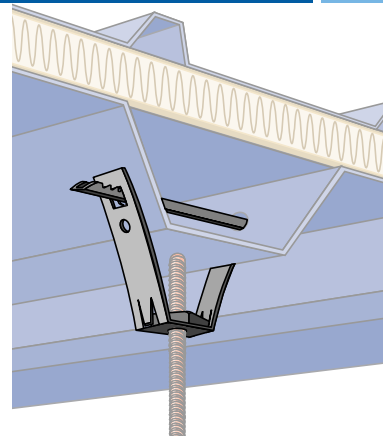
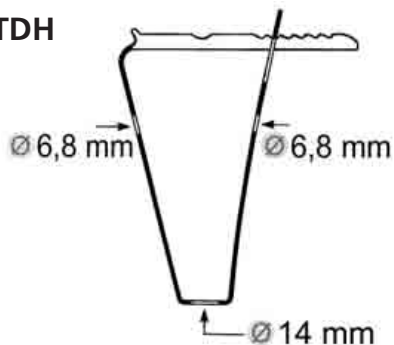
		A mm	Ø			
EERM6MA	173170	0,8-2	M6	7	100	450
		2-3	M6	7	100	600
EERM8MA	173180	0,8-2	M8	7	100	450
		2-3	M8	7	100	700
EERM10MA	173190	0,8-2	M10	7	100	450
		2-3	M10	7	100	700



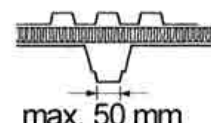
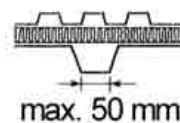


	N°	P	
TDH	179920	7	50
TDHM6	179930	7	50
TDHM8	179940	7	50
TDHM10	179950	7	50
TDHiM8	179510	7	50
TDHAM8	179945	7	50
TDHAM10	179955	7	50

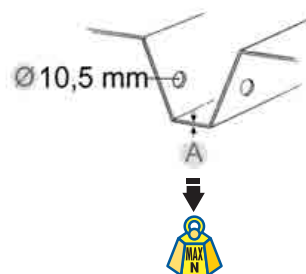
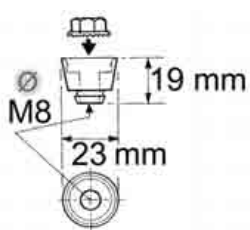
TDH



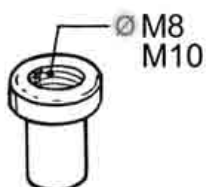
TDH M



TDH iM8



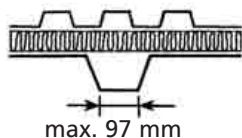
TDH AM8 TDH AM10



A mm	MAX N
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
TDH iM8	200



			
TBH K DG 10,5	597581	1	50
TBH K M8	597582	1	50
TBH K M10	597583	1	50
TBH K AM8	597584	1	50
TBH K AM10	597585	1	50
TBH G DG 10,5	597586	1	50
TBH G M8	597587	1	50
TBH G M10	597588	1	50



TBH-K-DG



TBH-K M



TBH-K AM



TBH-G-DG



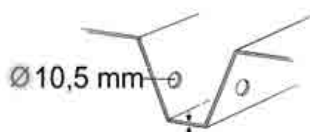
TBH-G M



TDHP MK2

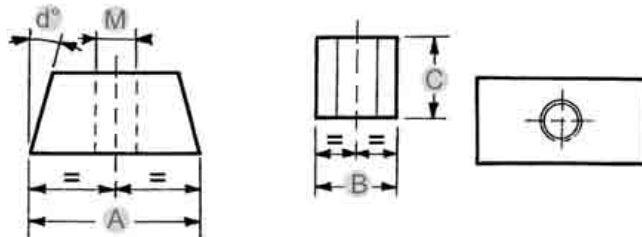


		
TDHP MK2	159441	1
BLADE SET	159442	1





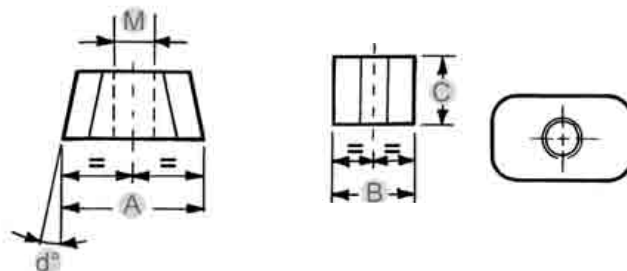
		A mm	B mm	C mm	M	d°		
HW4	187260	25	12	12	M4	15°	1	100
HW6	187270	25	12	12	M6	15°	1	100
HW8	187280	25	12	12	M8	15°	1	100
HW10	187290	25	12	12	M10	15°	1	100
HW12	187300	25	16	16	M12	15°	1	100
HW6ST	188770	25	9,5	9,5	M6	15°	1	100
HW8ST	188810	25	9,5	9,5	M8	15°	1	100
HW4M	188720	19	9,5	9,5	M4	15°	1	100
HW6M	188740	19	9,5	9,5	M6	15°	1	100
HW8M	188780	19	9,5	9,5	M8	15°	1	100
PHW4	188830	18	9,5	9,5	M4	25°	1	100
PHW6	188840	18	9,5	9,5	M6	25°	1	100
PHW8	188850	18	9,5	9,5	M8	25°	1	100



HW-SR



		A mm	B mm	C mm	M	d°		
HW6SR	188760	21	13	10	M6	12°	1	100
HW8SR	188800	21	13	10	M8	12°	1	100
HW10SR	188820	21	13	10	M10	12°	1	100

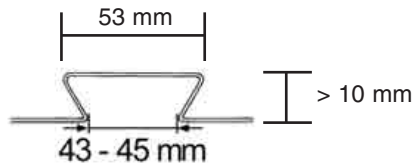
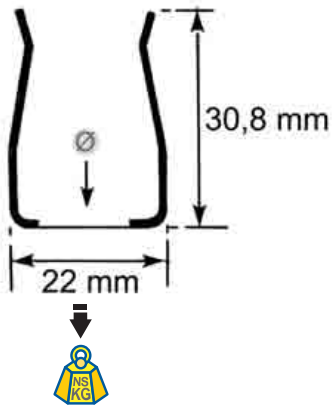
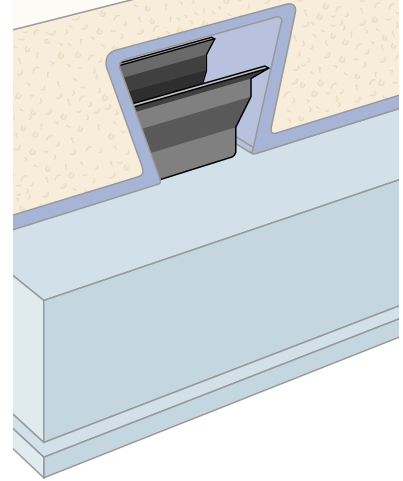


WDC/WDC-M



		Ø mm			
WDC	160770	10,5	7	100	900

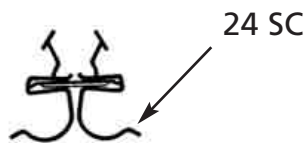
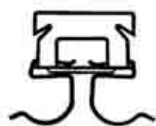
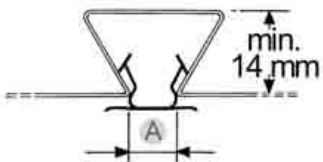
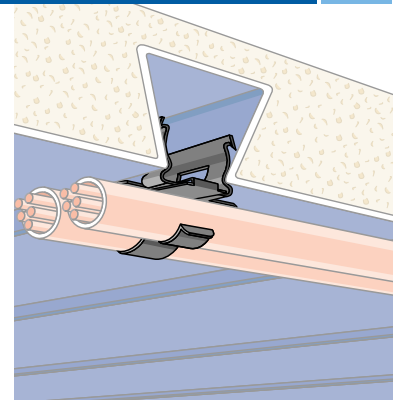
		Ø			
WDCM6	160910	M6	7	100	900
WDCM8	160920	M8	7	100	900
WDCM10	160930	M10	7	100	900



SCD

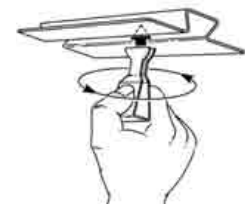
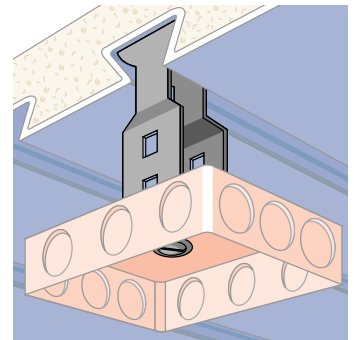
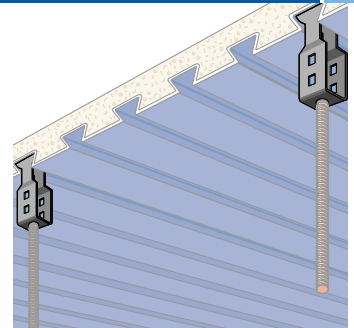
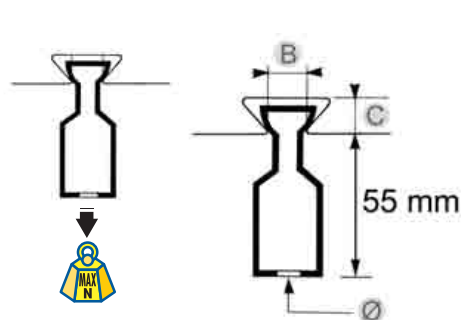


		A mm		
SCD12-17	188170	12-17	7	100
SCD17-22	188180	17-22	7	100





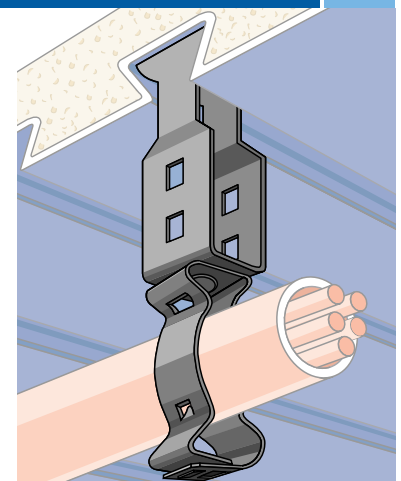
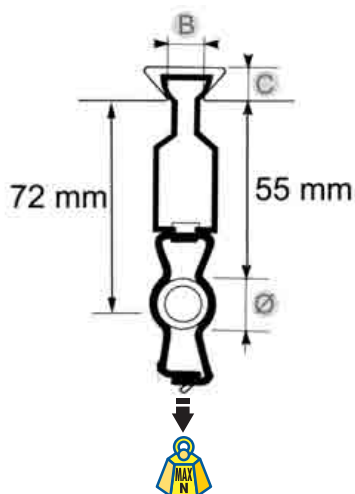
		B mm	C mm	Ø mm			
M6GTD12-17	160320	12-17	>14	M6	7	100	600
M8GTD12-17	160330	12-17	>14	M8	7	100	900
M10GTD12-17	160340	12-17	>14	M10	7	100	900
M6GTD17-22	160350	17-22	>16	M6	7	100	600
M8GTD17-22	160360	17-22	>16	M8	7	100	900
M10GTD17-22	160370	17-22	>16	M10	7	100	900
10GDT12-17	160380	12-17	>14	10,5	7	100	900
10GTD17-22	160390	17-22	>16	10,5	7	100	900



GTD-M

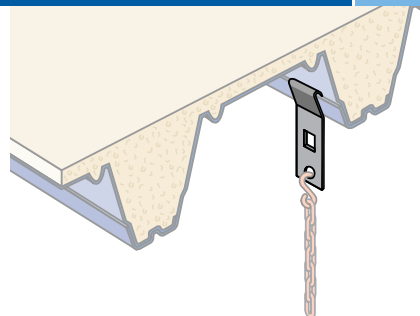
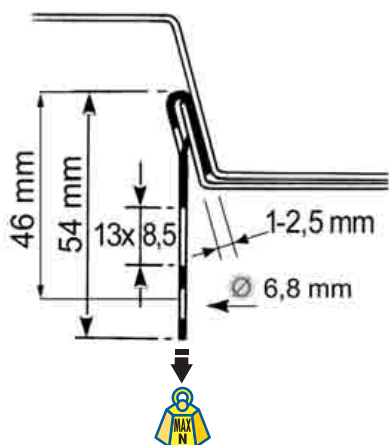


		B mm	C mm	Ø mm			
812MGTD12-17	160400	12-17	>14	18-30	7	50	450
812MGTD12-22	160410	17-22	>16	18-30	7	50	450





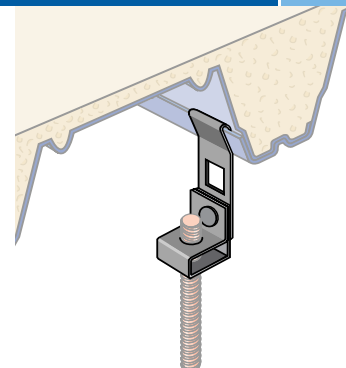
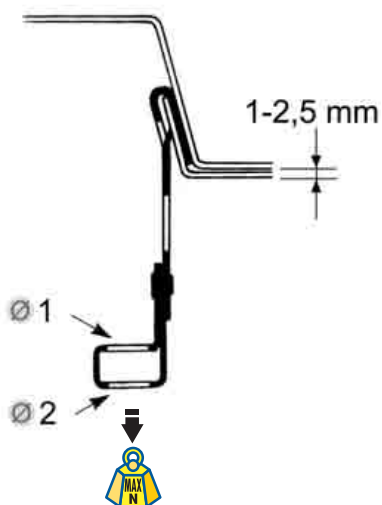
OCDC	160700	7	100	400



OCDC-Ti/T

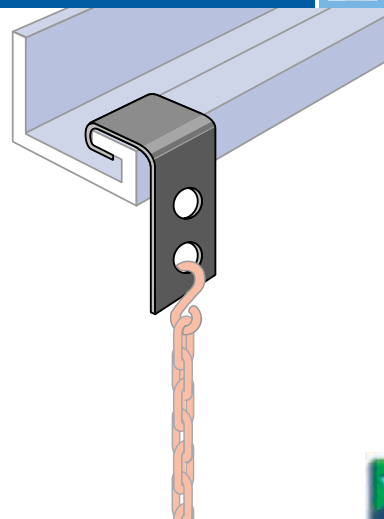
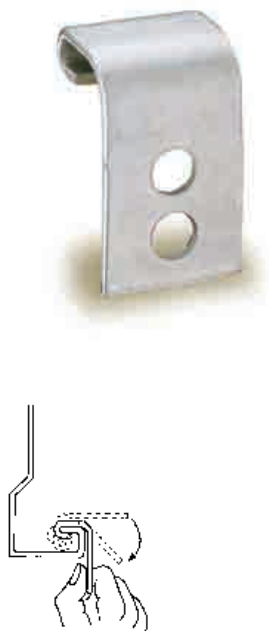
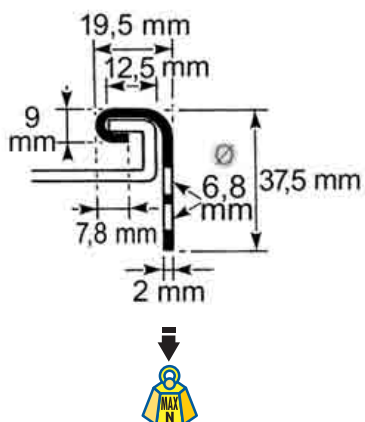


		Ø1 M/mm	Ø2 mm			
M6TiOCDC	160710	M6	7	7	100	400
M8TiOCDC	160720	M8	8,5	7	100	400
M10TiOCDC	160730	M10	11	7	100	400
T100CDC	160740	11	11	7	100	400



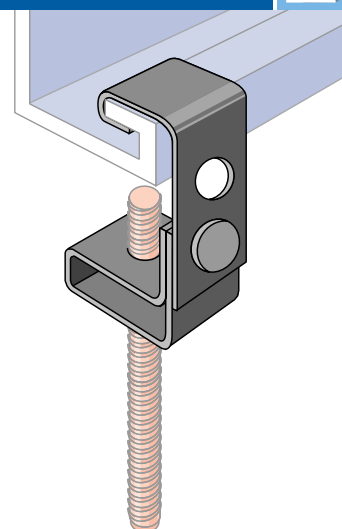
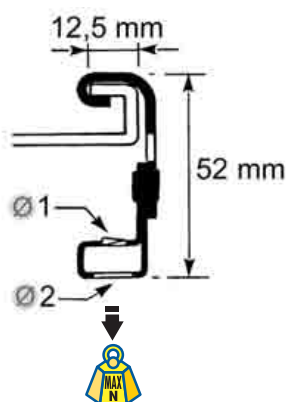
PW2

				
PW2	175590	7	100	700



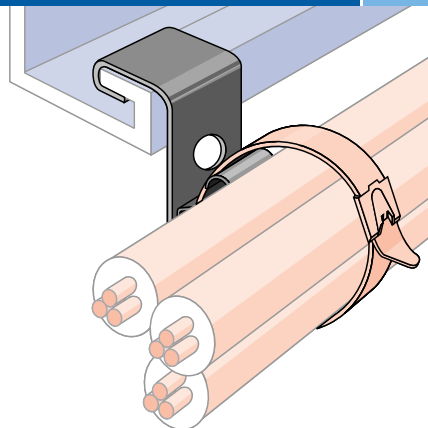
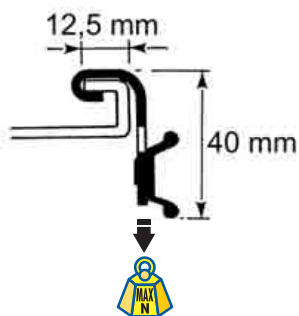
PW2 Ti/T

						
PW2M6Ti IN	175600	M6	7	7	100	700
PW2M8Ti IN	175610	M8	8,5	7	100	700
PW2M10Ti IN	175620	M10	11	7	100	700
PW2T10Ti IN	175630	11	11	7	100	700



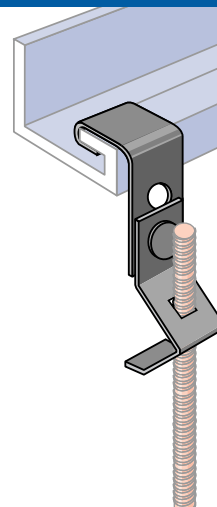
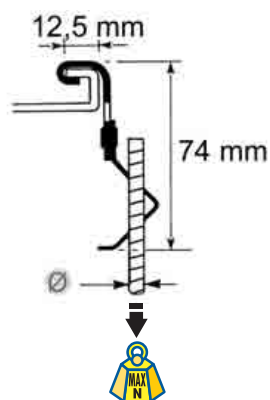
PW2-CT

				
PW2-CT	175690	7	100	700



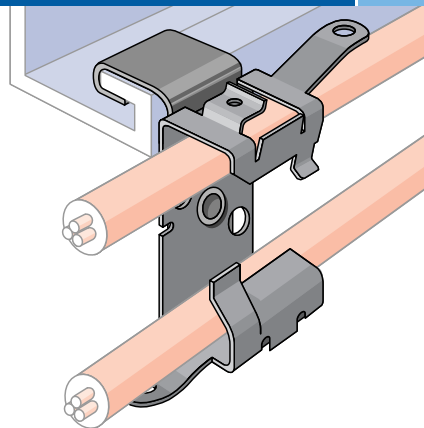
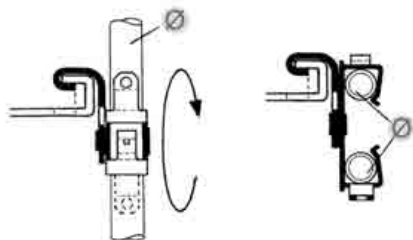
PW2-MA

					
PW2 M6MA	175730	M6	7	100	600
PW2 M8MA	175740	M8	7	100	700
PW2 M10MA	175750	M10	7	100	700



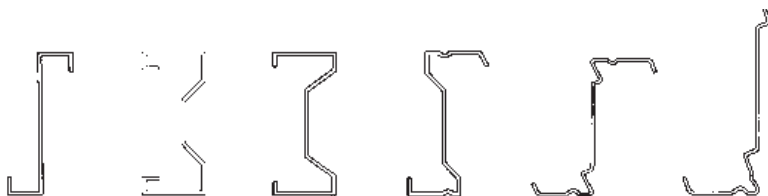
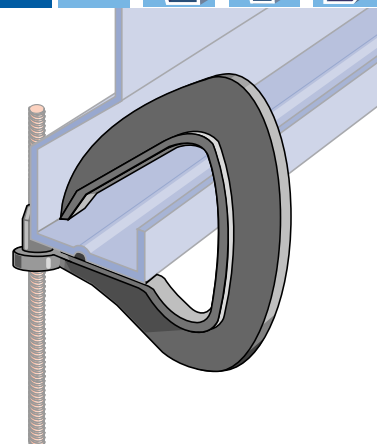
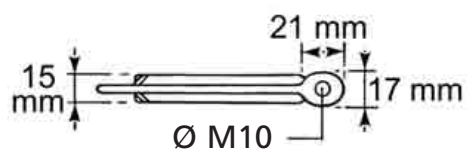
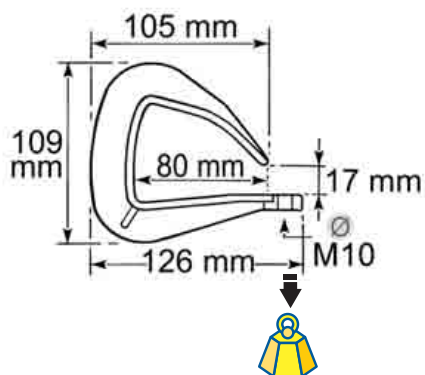
PW2-MAC2

				
PW2MAC2	173100	12,5-14,5	7	100



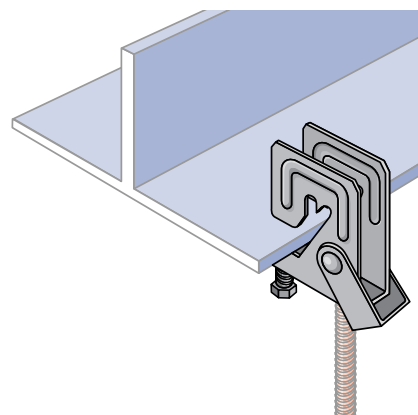
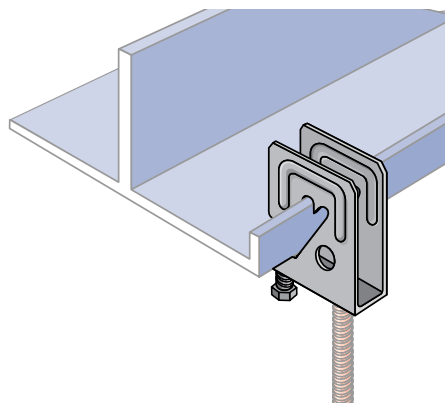
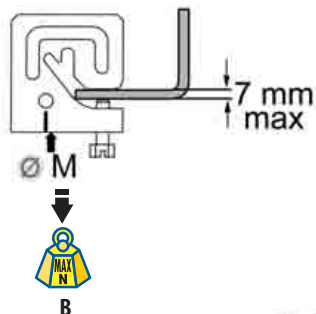
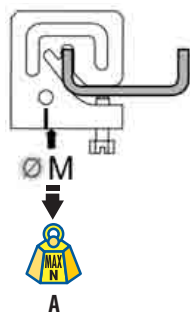
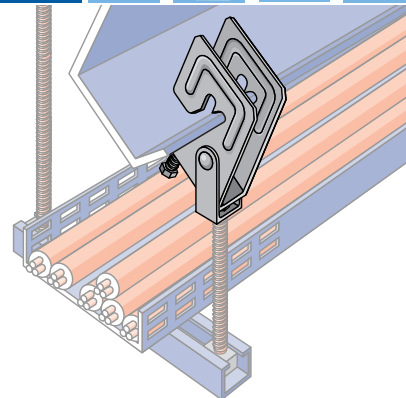
UPC

					
UPC	386800	1	50	80	3000



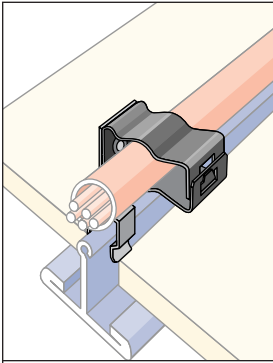
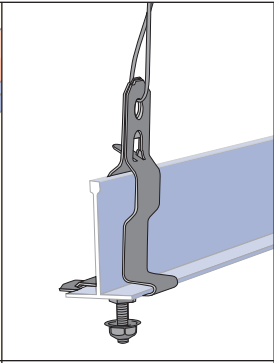
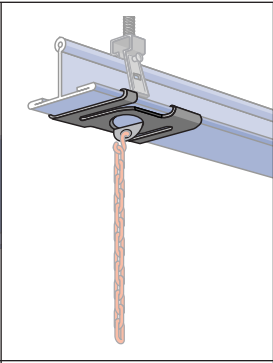
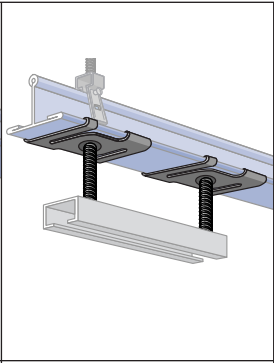


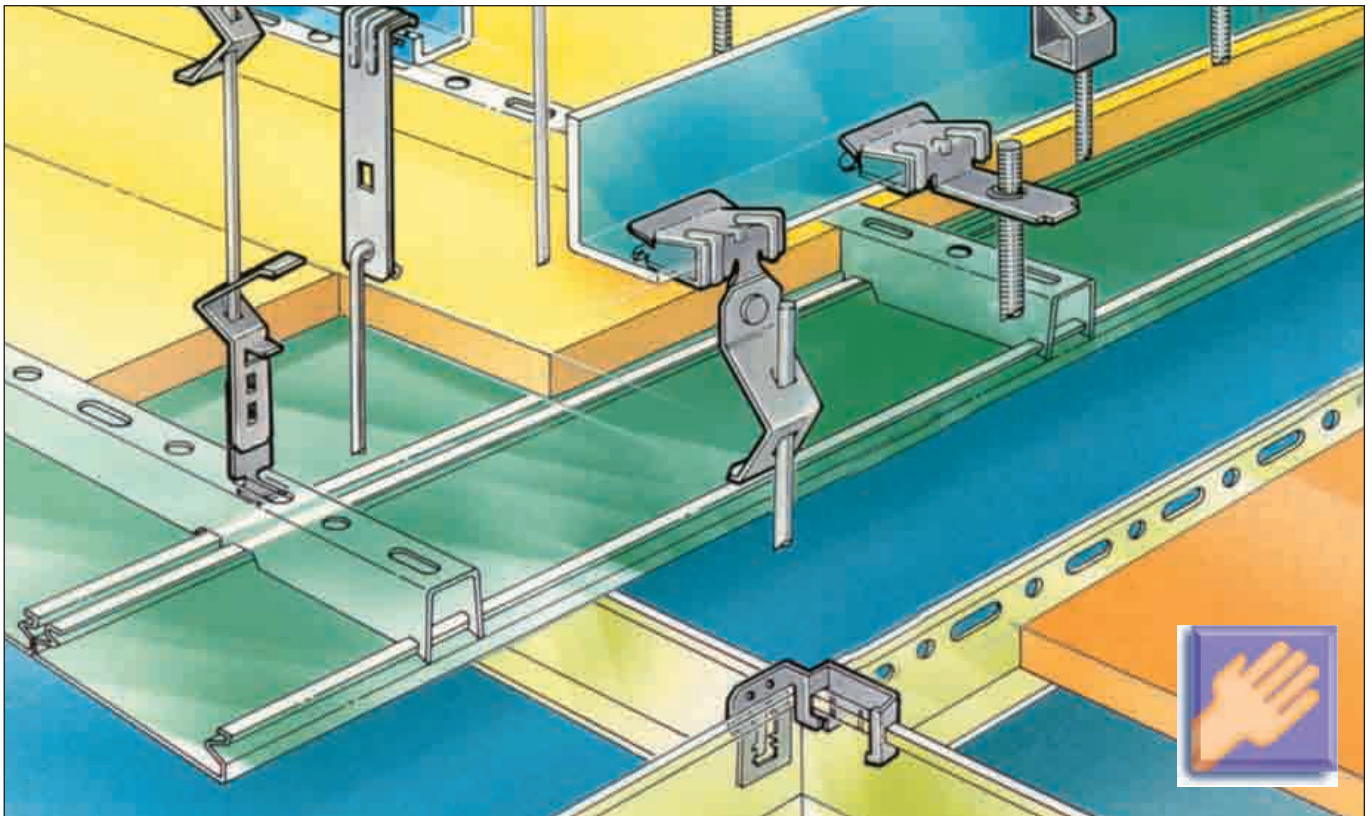
		Ø M			A 	B 
PH6M	182150	M6	1	25	900	650
PH8M	182160	M8	1	25	900	650
PH10M	182170	M10	1	25	900	650
PHSW6M	182180	M6	1	25	900	650
PHSW8M	182190	M8	1	25	900	650
PHSW10M	182200	M10	1	25	900	650

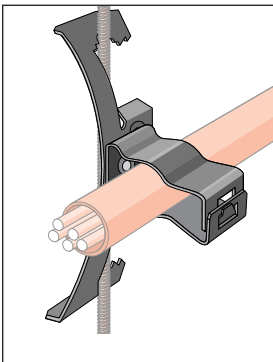
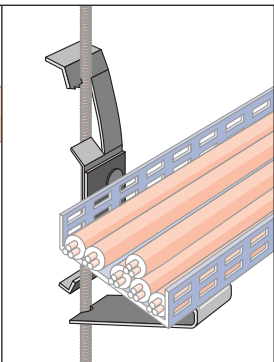
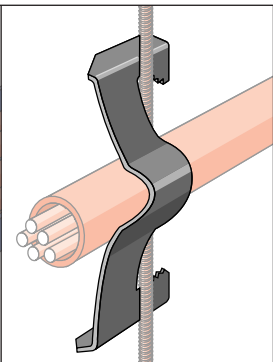
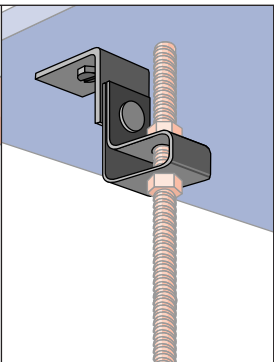
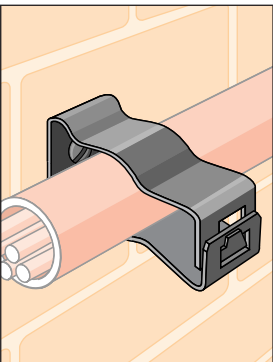


6. CEILING/WALL/THREADED ROD RANGE



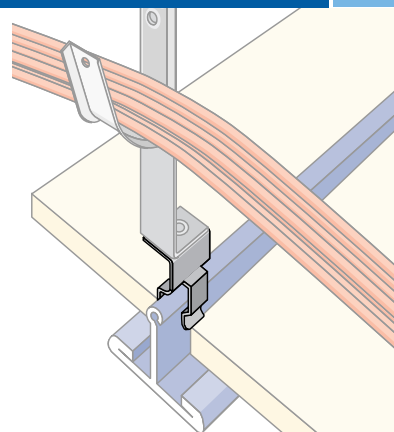
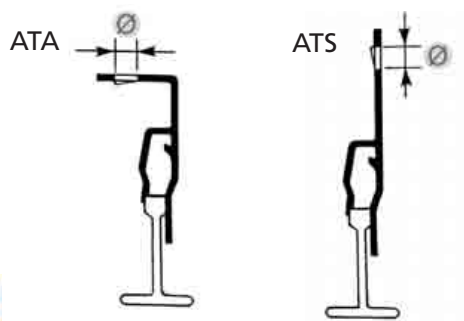
				
60 812 MATA	61 IDSM	63 4G16H	63 4G16M	63 6WN



				
67 4Z34-M	67 4Z34-CTS	70 K	71 B-Ti	73 M



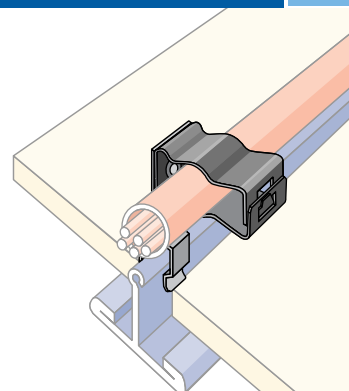
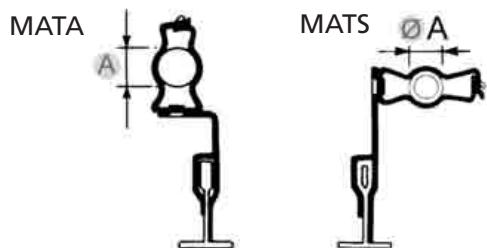
				
ATA41	170400	M6	7	100
ATS41	170420	M6	7	100



812 MATA/MATS



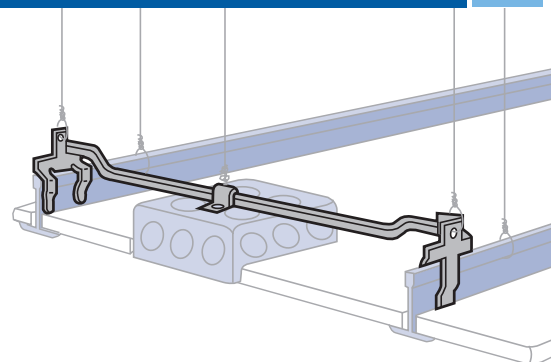
				
812MATA	177190	18-30	7	100
812MATS	177200	18-30	7	100



512 600MM



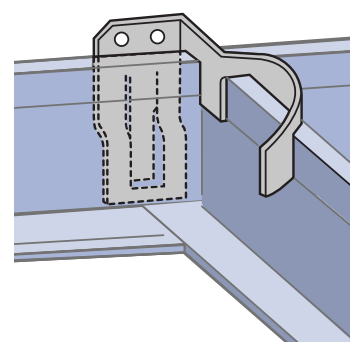
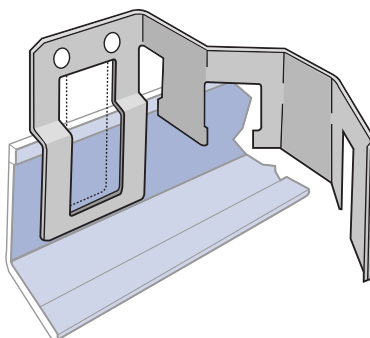
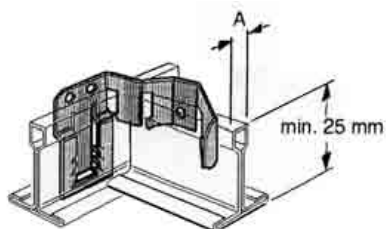
		L mm			
512600MM	190440	600	7	50	80



TGE



		A mm		
TGE	170510	6	7	100



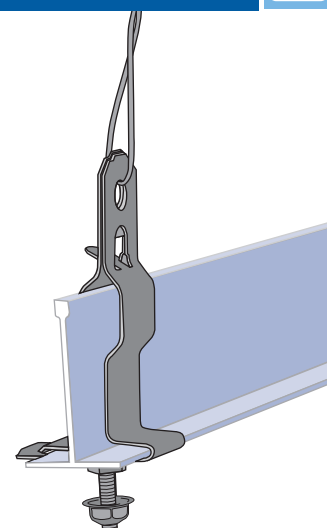
IDSM



		A mm	B mm		
IDSM16	173460	1,5	24-26	7	100

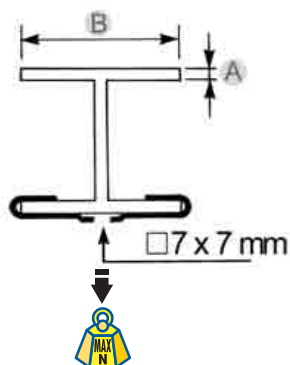
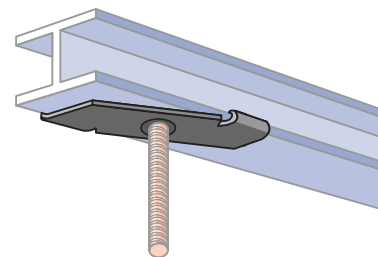


M6x16





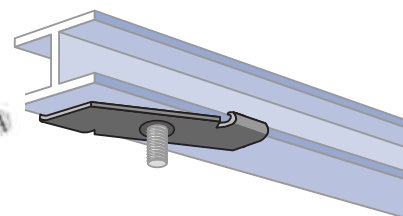
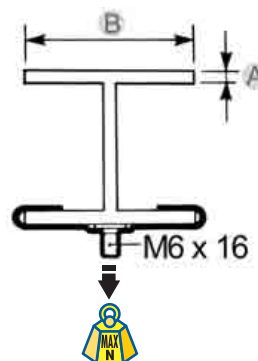
		A mm	B mm			
4J2438	170290	3	38-60	7	100	600



4J-SM



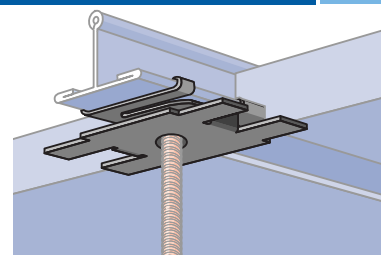
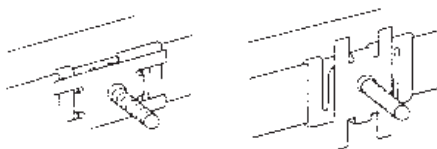
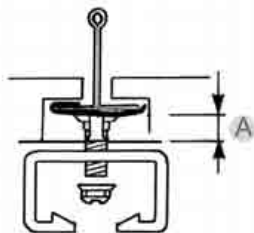
		A mm	B mm			
4J2438SM	176780	3	38-60	7	100	600



4TGS



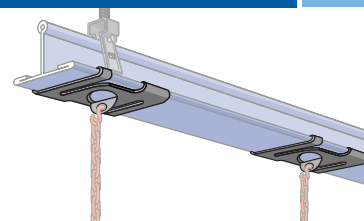
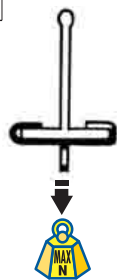
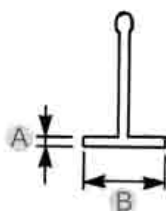
		A mm		
4TGS	179840	6,35	7	100



4G16H



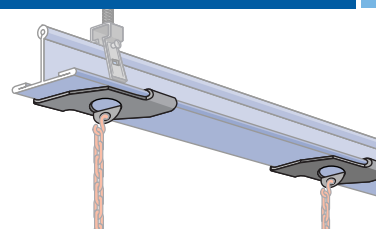
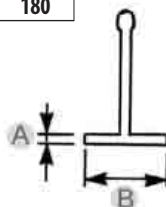
		A mm	B mm			
4G16H	170230	1,5	24-26	7	100	180



4G24H



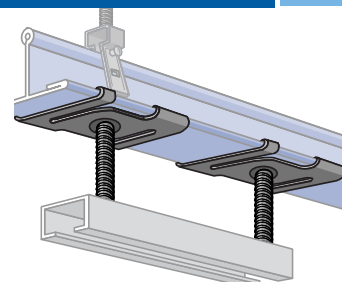
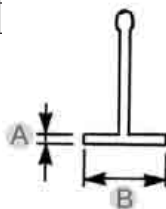
		A mm	B mm			
4G24H	170490	1,5	24-26	7	100	180
4G24H-6	170500	1,5	24-26	6	100	180



4G16M

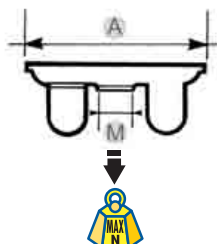


		A mm	B mm	M mm			
4G16M7	178590	1,5	24-26	6 x 7	7	100	220
4G16M11	178600	1,5	24-26	6 x 11	7	100	220
4G16M16	171900	1,5	24-26	6 x 16	7	100	220
4G16M25	176880	1,5	24-26	6 x 25	7	100	220
4G16M38	171890	1,5	24-26	6 x 38	7	100	220
4G16M51	171870	1,5	24-26	6 x 51	7	100	220
4G16M76	171880	1,5	24-26	6 x 76	7	100	220



6WN

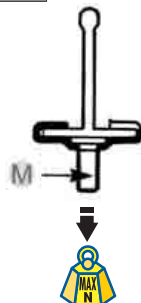
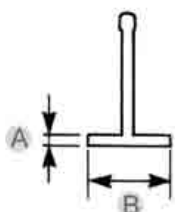
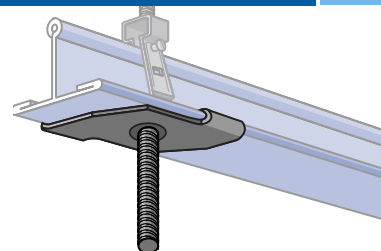
		Ø A mm	M			
6WN	171560	32	6	7	100	450



4G24M



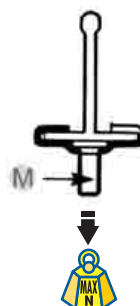
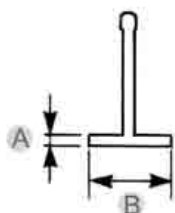
		A mm	B mm	M mm			
4G24M11	171680	1,5	24-26	6 x 11	7	100	220
4G24M16	171710	1,5	24-26	6 x 16	7	100	220
4G24M25	171730	1,5	24-26	6 x 25	7	100	220
4G24M38	171820	1,5	24-26	6 x 38	7	100	220
4G24M51	171830	1,5	24-26	6 x 51	7	100	220
4G24M11-6	171840	1,5	24-26	6 x 11	6	100	220
4G24M16-6	171860	1,5	24-26	6 x 16	6	100	220
4G24M25-6	171910	1,5	24-26	6 x 25	6	100	220
4G24M38-6	171920	1,5	24-26	6 x 38	6	100	220
4G24M51-6	171940	1,5	24-26	6 x 51	6	100	220



4J15M



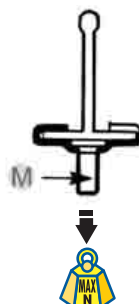
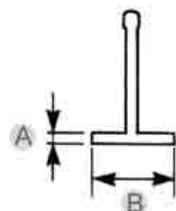
		A mm	B mm	M mm			
4J15M	178860	1,5	15	6 x 16	7	100	220



4G24WN



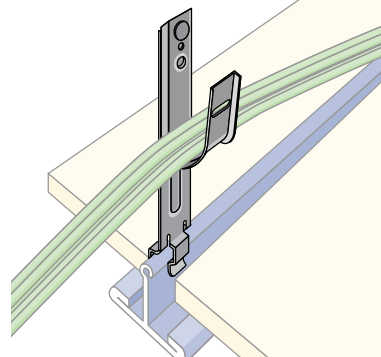
		A mm	B mm	M mm			
4G24WN	160290	24-26	1,5	6 x 16	7	100	220



CAT TS



CAT 12 TS	181200	1	60

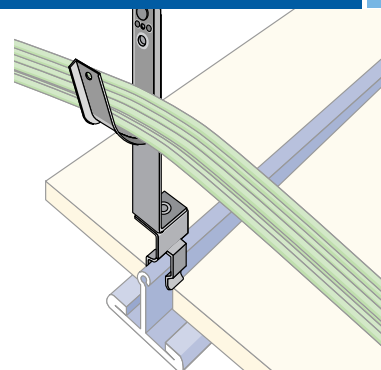
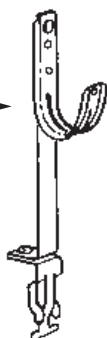


CAT 528



CAT 21528	181210	1	20
CAT 32528	181220	1	20

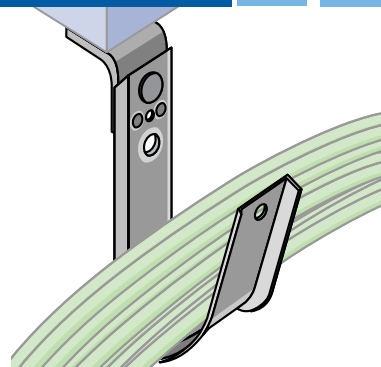
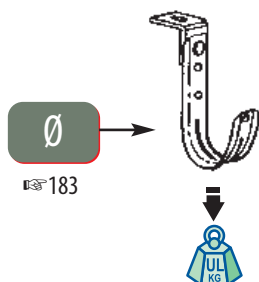
Ø
183



CAT AB

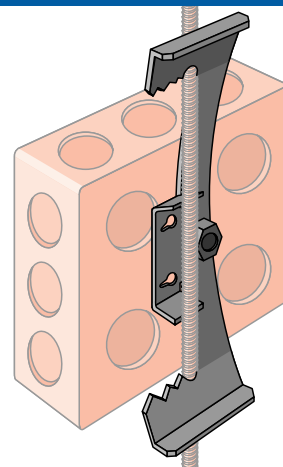
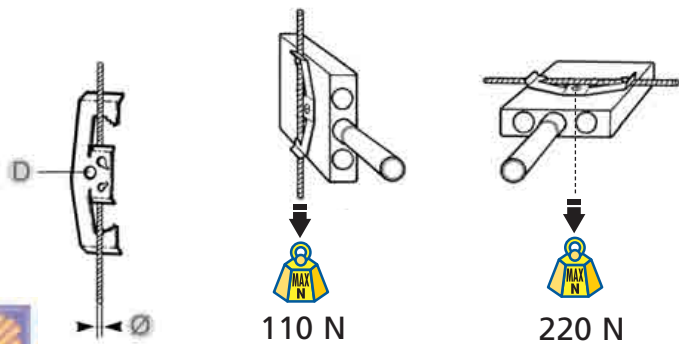


CAT 12 AB	181900	1	40	220
CAT 21 AB	181910	1	40	220
CAT 32 AB	181920	1	40	220



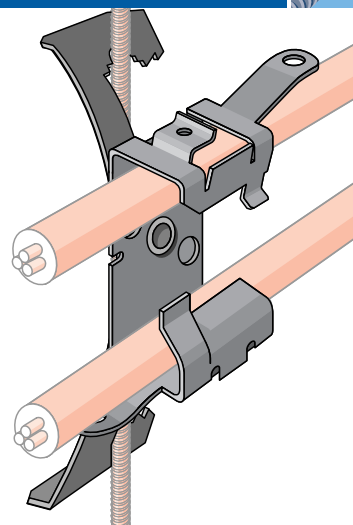
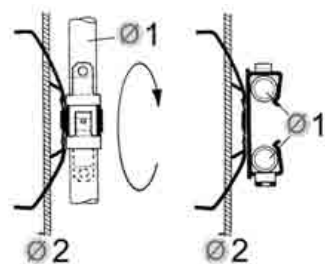
4Z34

		Ø M	D mm		
4Z34	170650	M4-M8	6,5	7	100
6Z34	170720	M8-M12	6,5	7	100



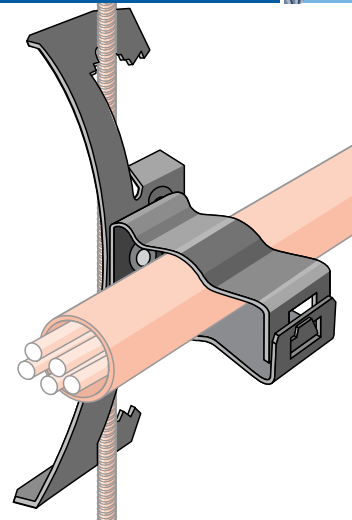
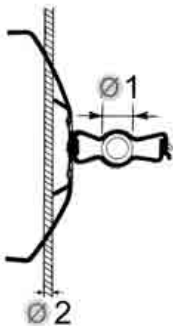
4Z34-MAC2

		Ø 1 mm	Ø 2 M		
4Z34 MAC2	173020	12,5-14,5	M4-M8	7	100
6Z34 MAC2	173070	12,5-14,5	M8-M12	7	100



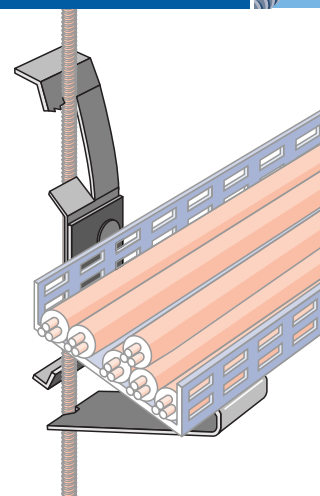
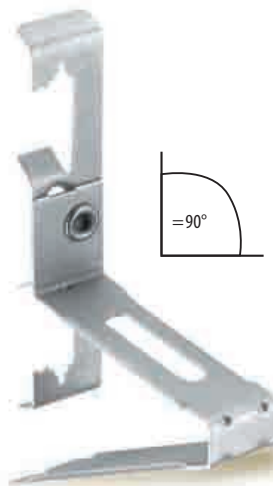
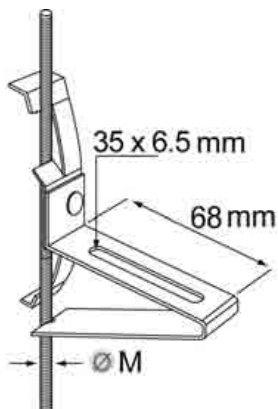
4Z34-M

		Ø 1 mm	Ø 2 M		
4Z346M	171050	14-18	M4-M8	7	100
4Z34812M	171060	18-30	M4-M8	7	100
6Z346M	171080	14-18	M8-M12	7	100
6Z34812M	171090	18-30	M8-M12	7	100



4Z34-CTS

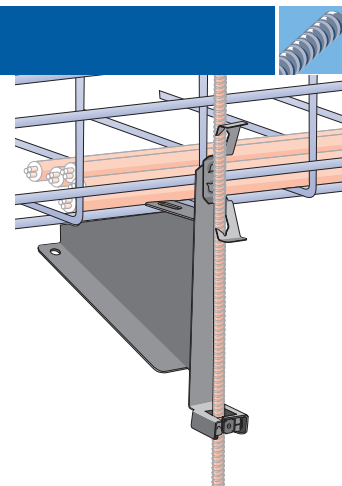
		M		
4Z34CTS	172950	M4 - M8	7	50
6Z34CTS	172960	M8 - M12	7	50



6Z34-TFB

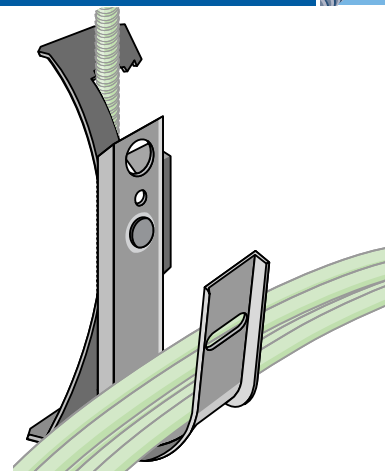
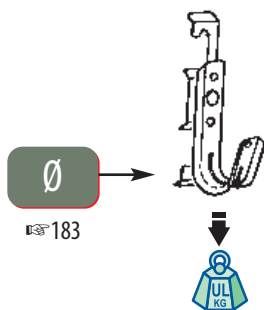
		M		
6Z34TFB	171160	M10	7	25

incl. ISN M10



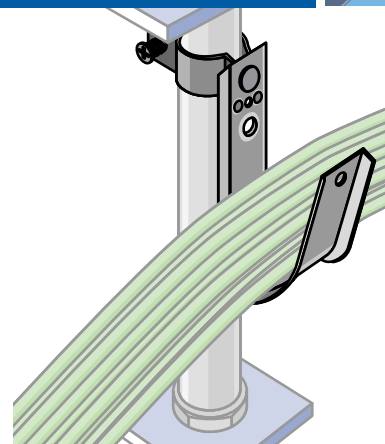
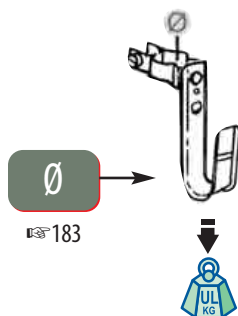
CAT 4Z34

		Ø mm	Ø M			
CAT 12 4Z34	181240	19	M4-M8	1	40	110
CAT 21 4Z34	181250	33	M4-M8	1	40	110
CAT 32 4Z34	181260	50	M4-M8	1	40	110
CAT 12 6Z34	181270	19	M8-M12	1	60	110
CAT 21 6Z34	181280	33	M8-M12	1	40	110
CAT 32 6Z34	181290	50	M8-M12	1	40	110



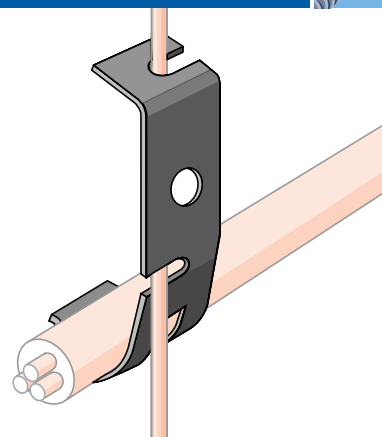
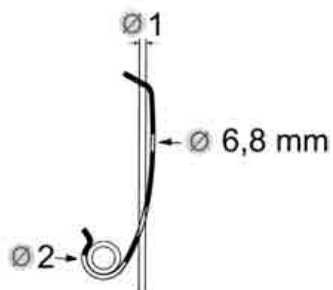
CAT CD1B

		Ø mm			
CAT 12 CD1B	181950	19-25 mm	1	40	220
CAT 21 CD1B	181960	19-25 mm	1	40	220
CAT 32 CD1B	181970	19-25 mm	1	20	220



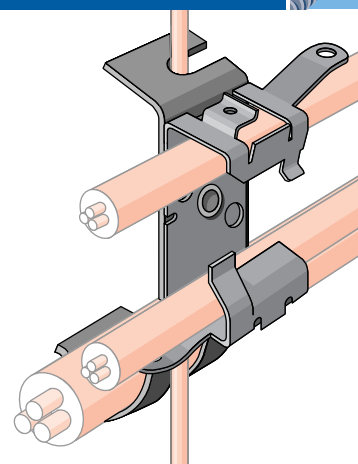
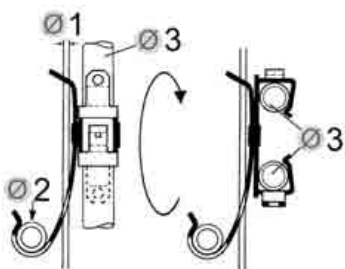
PCS1

		Ø 1 mm	Ø 2 mm		
PCS1	170880	2-4	11-14	7	100



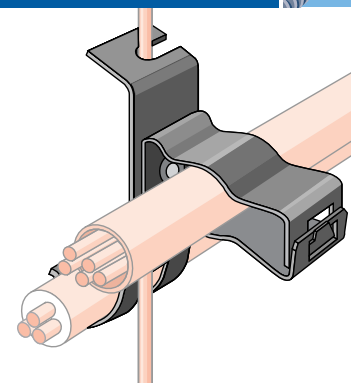
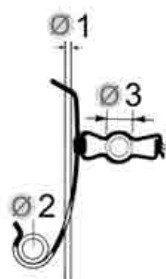
PCS1-MAC2

		Ø 1 mm	Ø 2 mm	Ø 3 mm		
PCS1 MAC2	173090	2-4	11-14	12,5-14,5	7	100



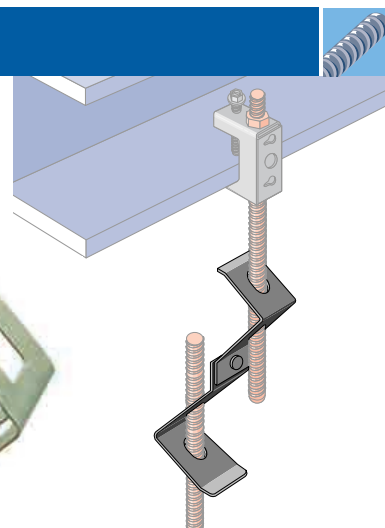
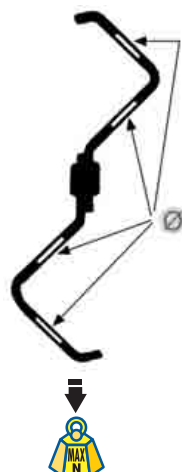
PCS1-M

		Ø 1 mm	Ø 2 mm	Ø 3 mm		
6MPCS1	171000	2-4	11-14	14-18	7	50
812MPCS1	170990	2-4	11-14	18-30	7	50



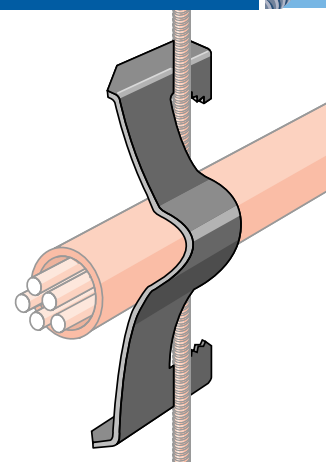
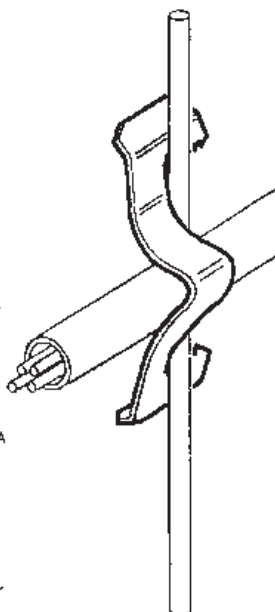
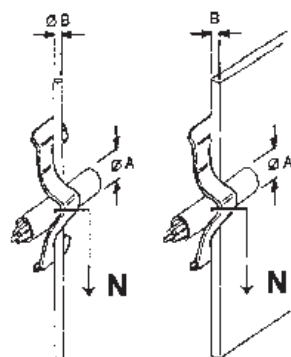
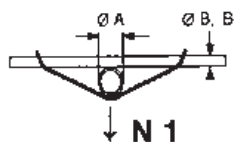
MA/MA

		$\varnothing$			
M6MAM6	173200	M6	7	100	600
M8MAM8	173210	M8	7	100	700
M10MAM10	173220	M10	7	100	700



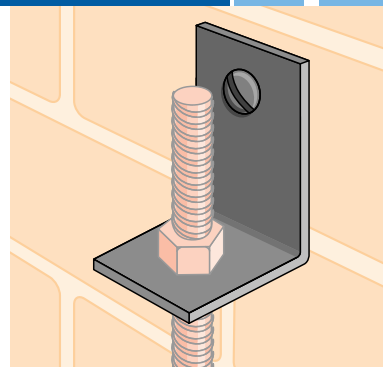
K

		$\varnothing$ A mm	$\varnothing$ B mm	B mm	A+B mm				
KX	170870	5-10	4-8		10-16	7	100	N	N1
K8	170660	14-18	4-6,5	2-10	20-24	7	100	220	110
K12	170670	19-25	4-6,5	2-10	24-29	7	100	220	110
K16	170680	25-32	4-6,5	2-12	30-37	7	100	220	110
K20	170690	35-44	4-6,5	2-13	44-48	7	100	220	110

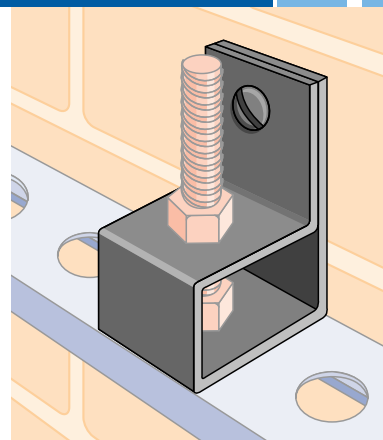
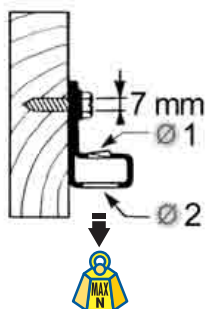




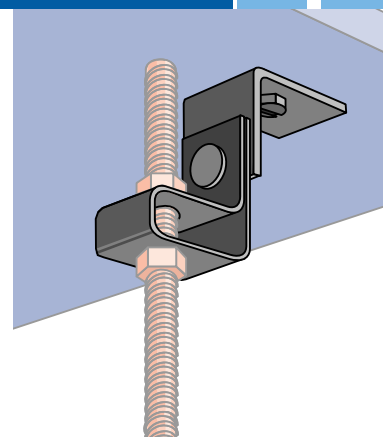
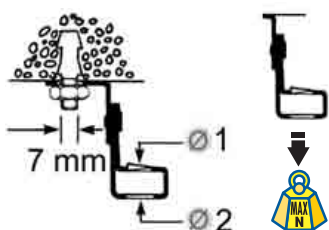
AB	171120	7	100	700



		Ø 1 mm	Ø 2 mm			
M6Ti	174800	M6	7,5	7	100	700
M8Ti	170900	M8	8,5	7	100	700
M10Ti	170910	M10	11,5	7	100	700
T10	160260	11	11,5	7	100	700

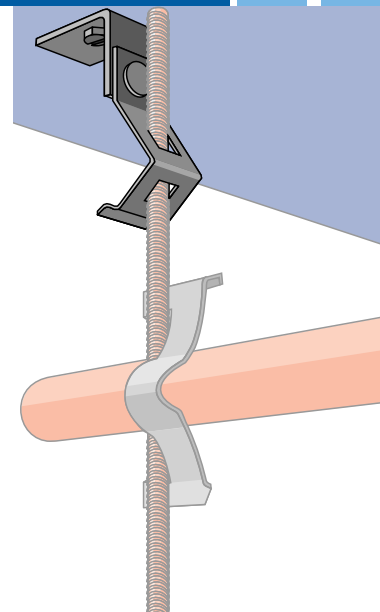
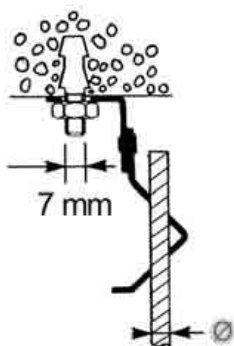


		Ø 1 mm	Ø 2 mm			
M6TiB	174850	M6	7	7	100	700
M8TiB	174940	M8	8,5	7	100	700
M10TiB	175030	M10	11	7	100	700
T10B	160280	11	11	7	100	700





					
M6MAB	173430	M6	7	100	600
M8MAB	173440	M8	7	100	700
M10MAB	173450	M10	7	100	700

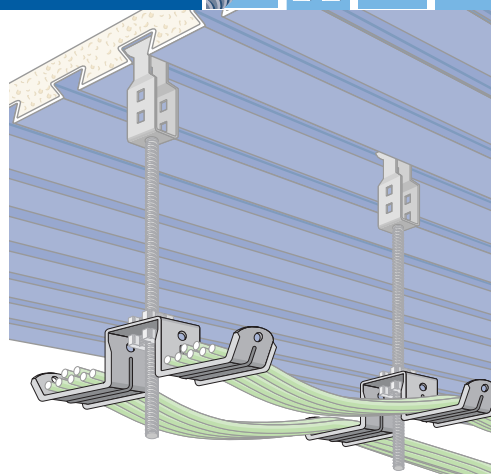
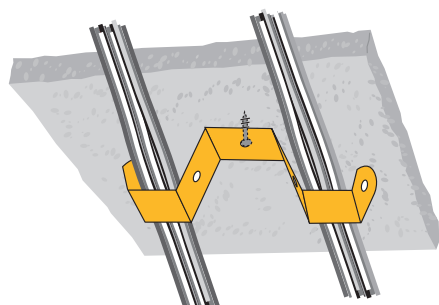
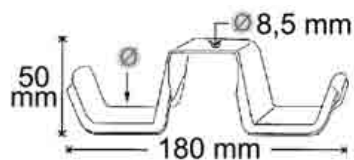


CAT 32CM50



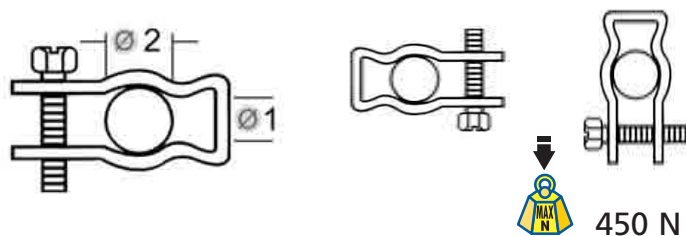
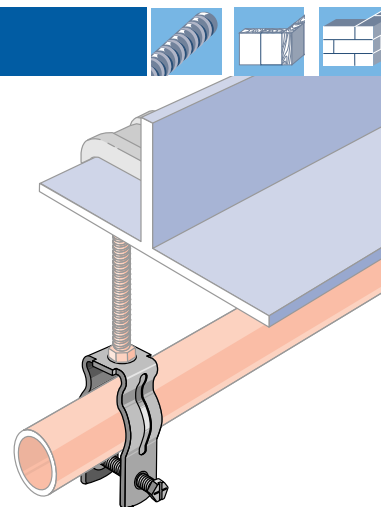
				
CAT32CM50	181975	50	1	20

 p. 182-183



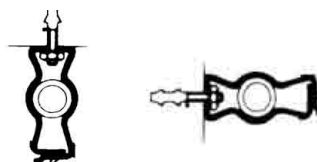
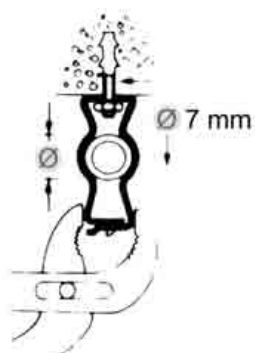
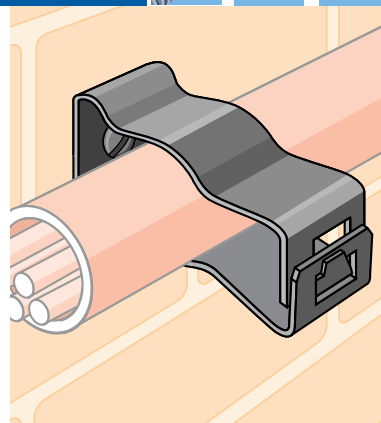
CD-B

			Ø 1 mm	Ø2 min. max.		
CD0B		181140	7	17 22	1	100
CD1B		181190	7	19 25	1	100
CD2B		181150	7	25 33	1	100
CD2,5B		181370	7	31 38	1	100
CD3B		181380	7	36 43	1	100
CD4B		181390	7	40 47	1	50
CD5B		181470	7	50 60	1	50
CD6B		181480	8	66 76	1	25
CD7B		181490	8	80 90	1	25
CD8B		181500	8	95 105	1	10
CD9B		181540	8	108 115	1	10



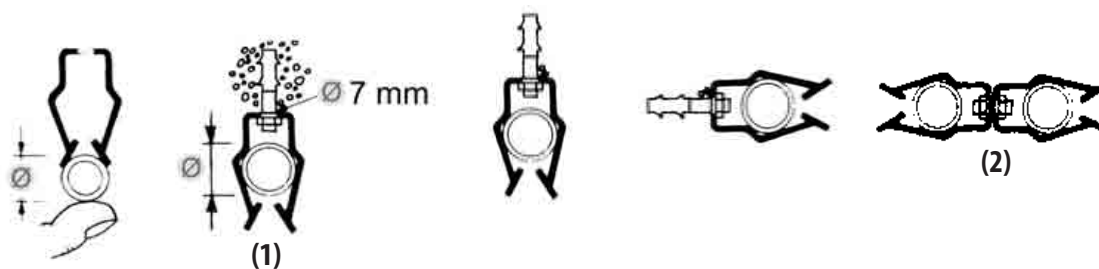
M

			Ø mm		
6M		170790	14-18	7	100
812M		177130	18-30	7	100
16M		170100	30-35	7	100
20M		170110	35-42	7	100
24M		170120	42-50	7	100
32M		170130	50-60	7	100





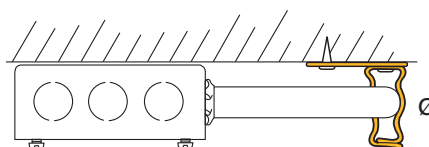
			Ø mm		
8P	(1)	171130	18-22	7	100
12P	(1)	171150	22-30	7	100
16P	(1)	171170	30-35	7	100
8P8P	(2)	171220		7	100
8P12P	(2)	171230		7	100
8P16P	(2)	171240		7	50
12P12P	(2)	171250		7	100
12P16P	(2)	171260		7	100
16P16P	(2)	171270		7	100



CNB812M



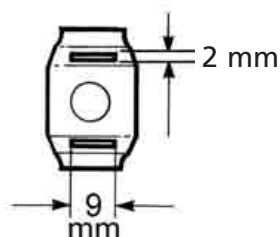
			Ø mm		
CNB812M		171610	18-30	7	100



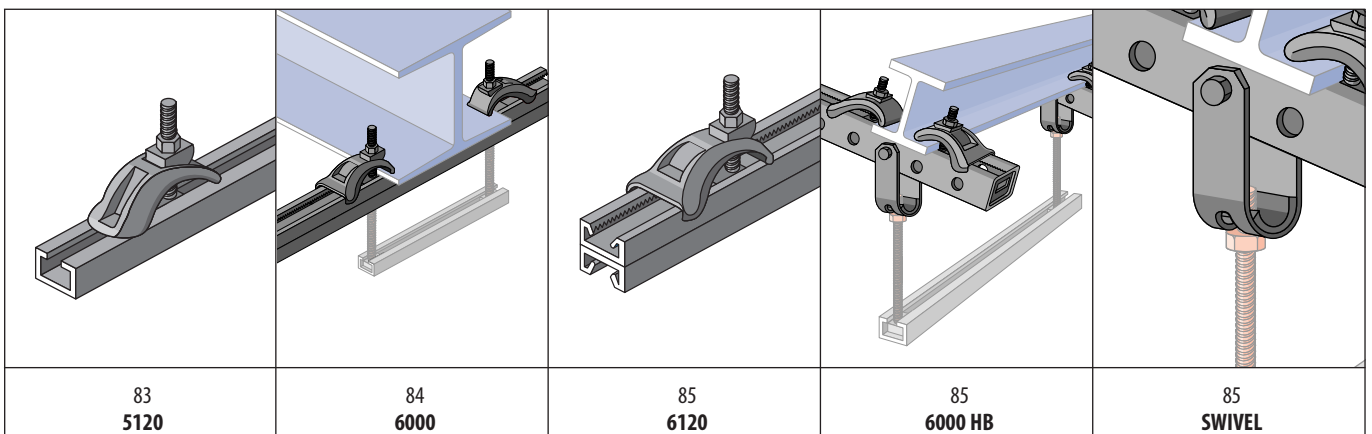
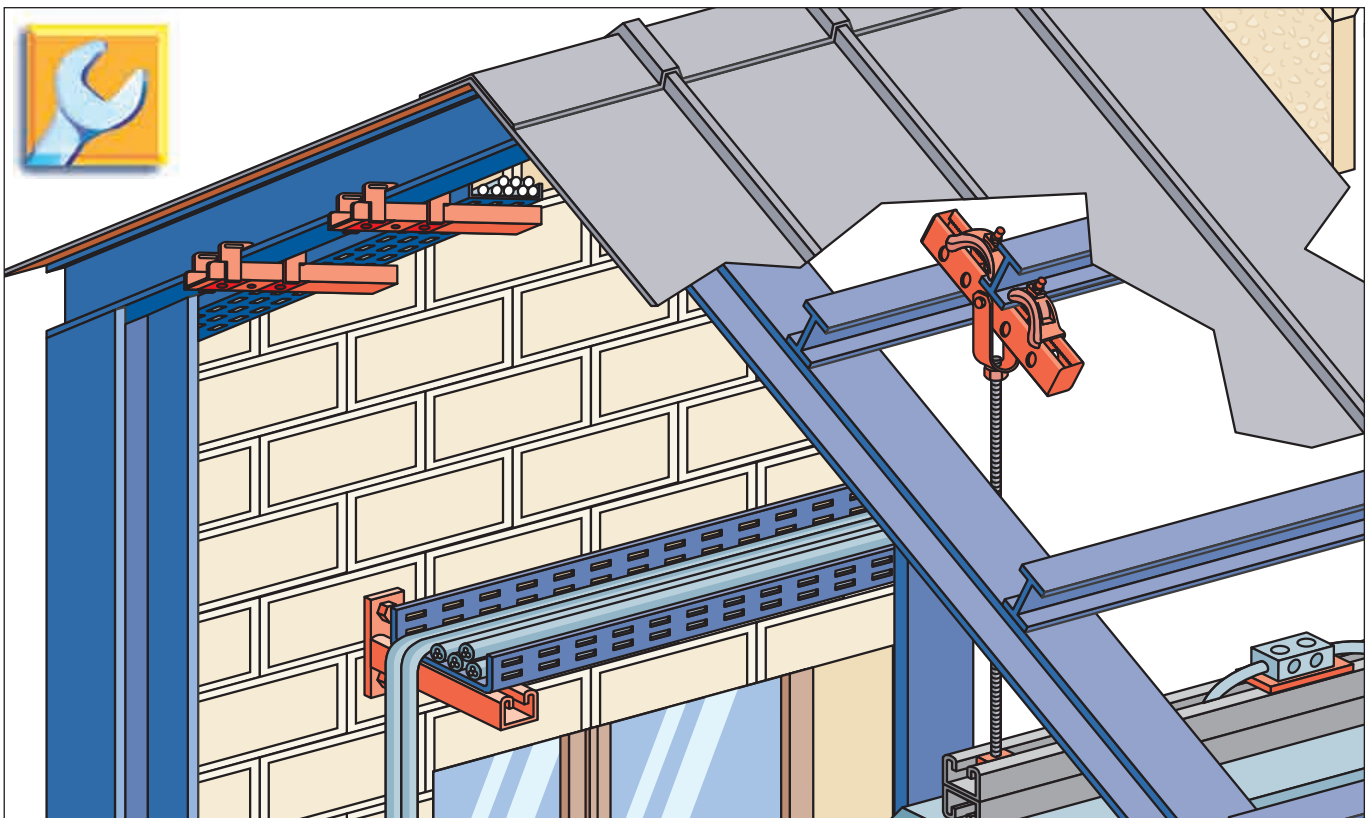
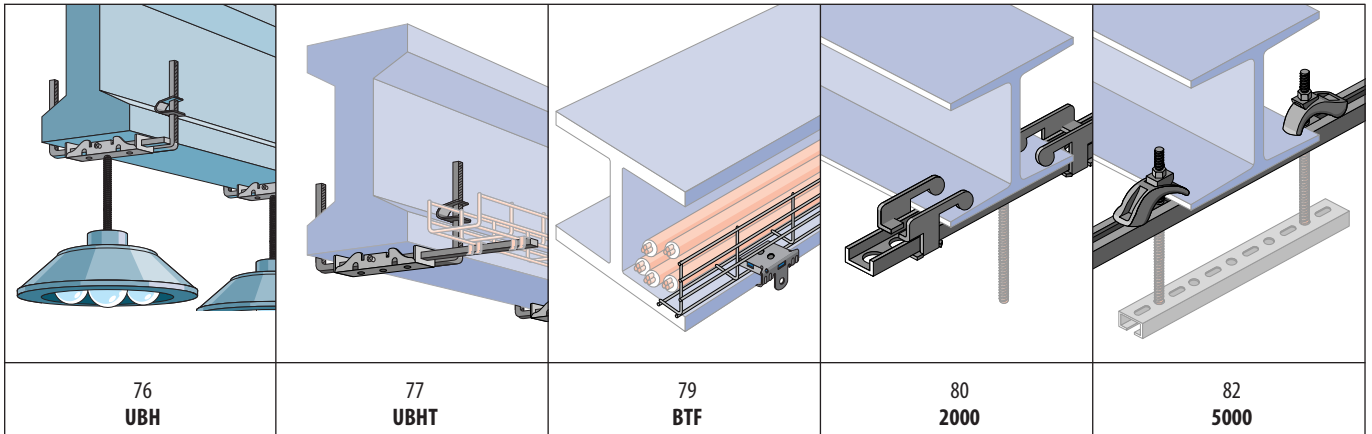
CT



					
CT		170450	7	100	40

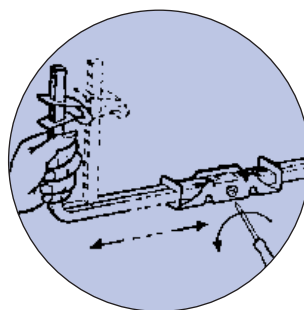
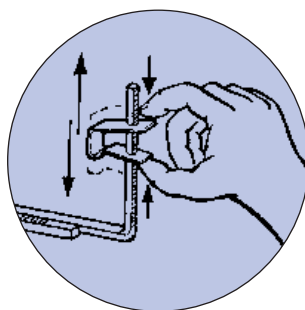
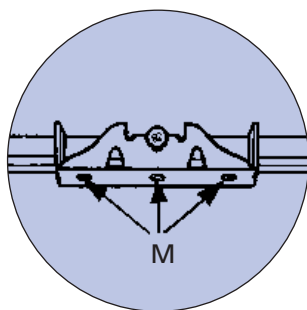
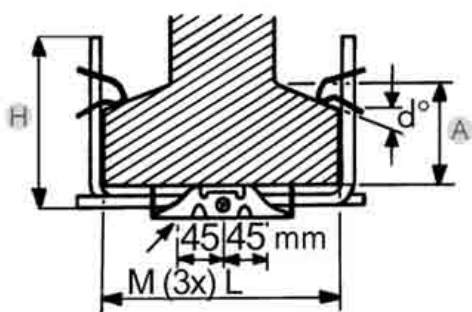
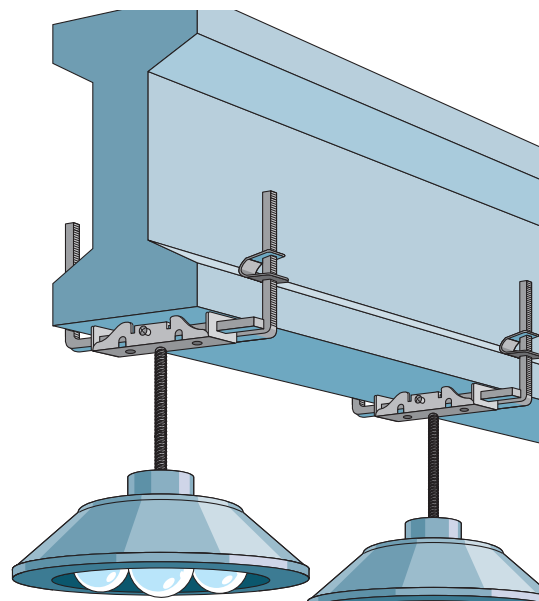
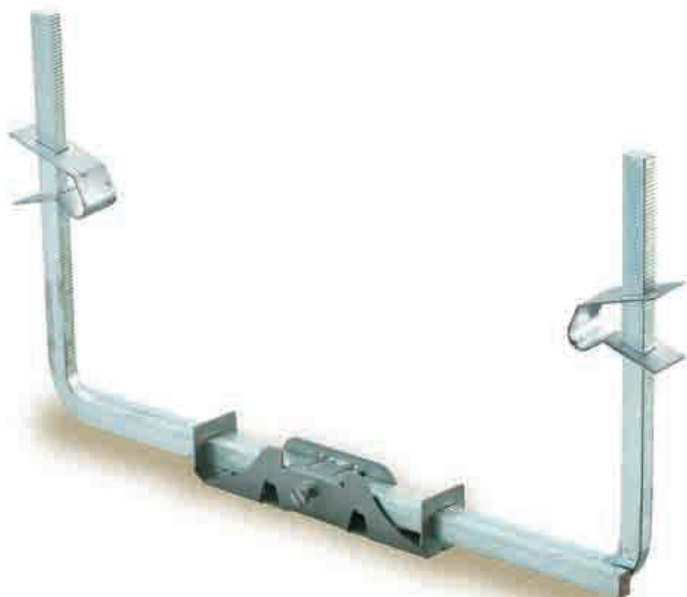


7. HEAVY DUTY RANGE



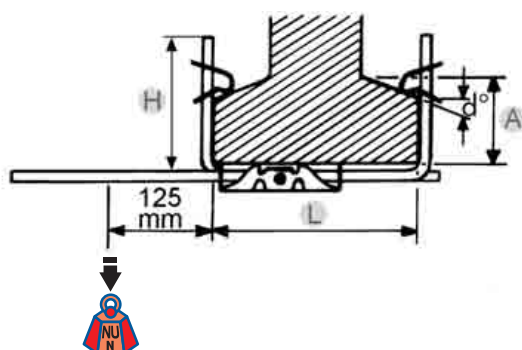
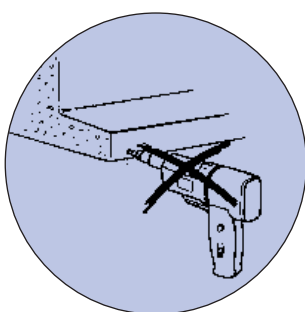
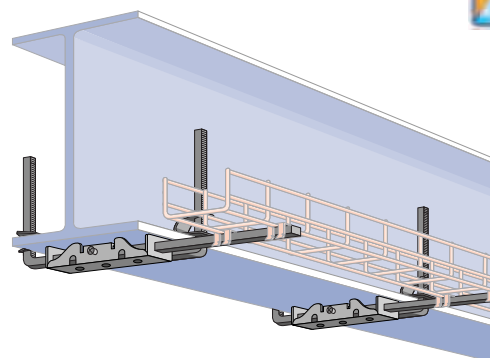
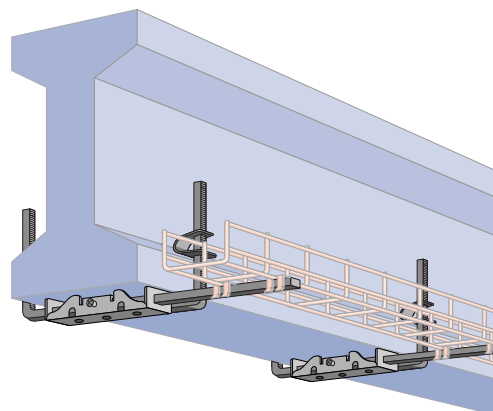
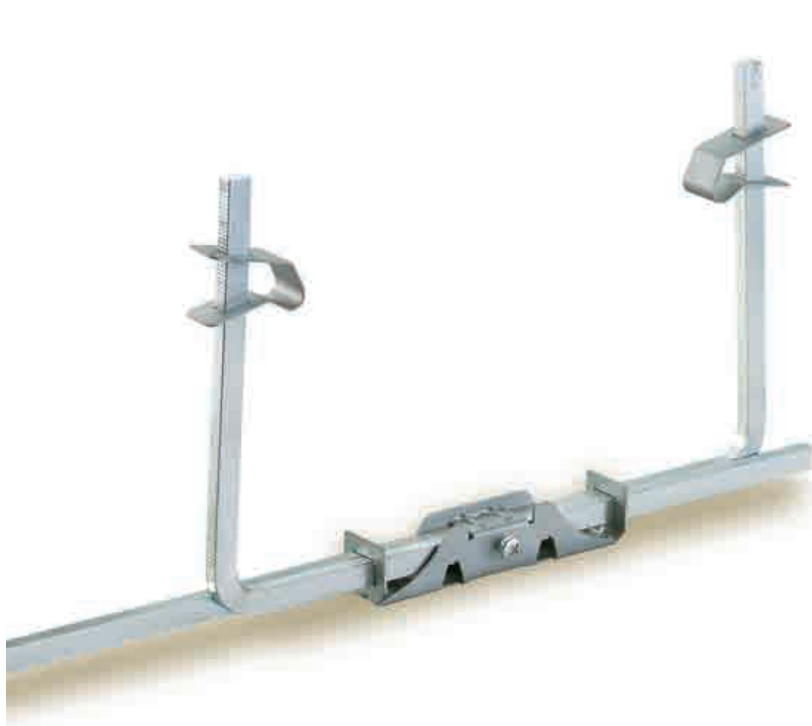


		A mm	H mm	L mm	M	d°			0°-20° 	20°-40° 
UBH 35 M6	190530	3-110	170	200-350	M6	0-20°/20-40°	1	20	750	500
UBH 35 M8	190490	3-110	170	200-350	M8	0-20°/20-40°	1	20	750	500
UBH 50 M6	190540	3-150	210	300-500	M6	0-20°/20-40°	1	20	750	500
UBH 50 M8	190500	3-150	210	300-500	M8	0-20°/20-40°	1	20	750	500



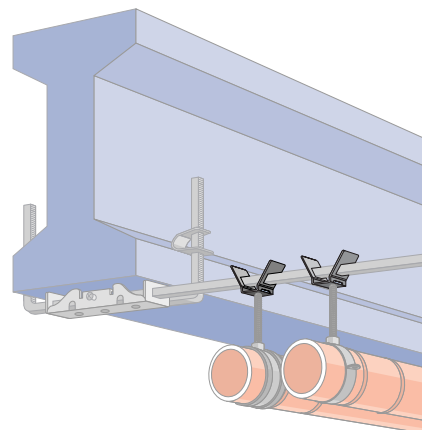
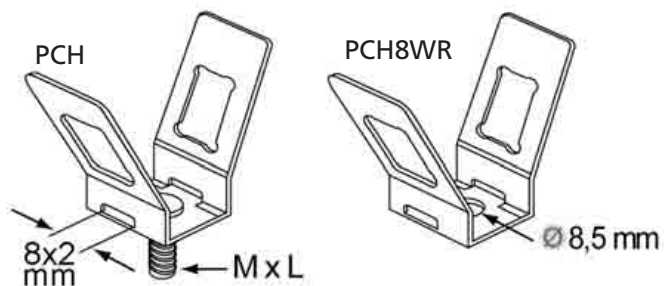


		A mm	H mm	L mm	d°			0°-20° 	20°-40° 
UBHT 35	190510	3-110	170	200-350	0-20°/20-40°	1	20	750	500
UBHT 50	190520	3-150	210	350-500	0-20°/20-40°	1	20	750	500



PCH

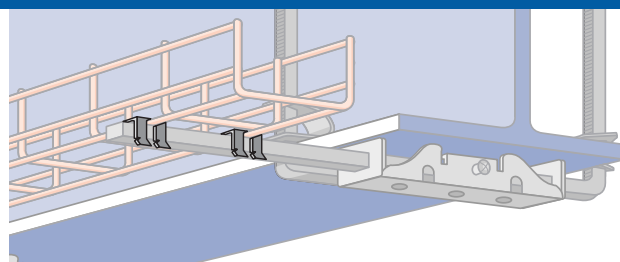
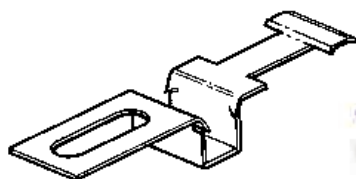
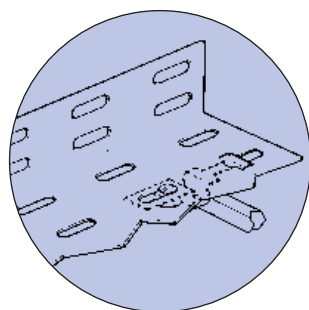
		M x L Ø mm		
PCH8WR	190650	8,5	7	100
PCH6	190630	M6 x 16	7	100
PCH8	190640	M8 x 15	7	100



SCTC-A

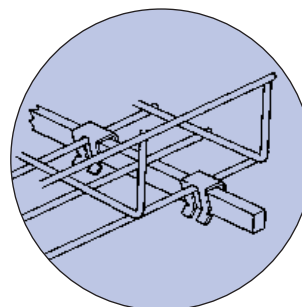


			
SCTC-A	190600	7	100



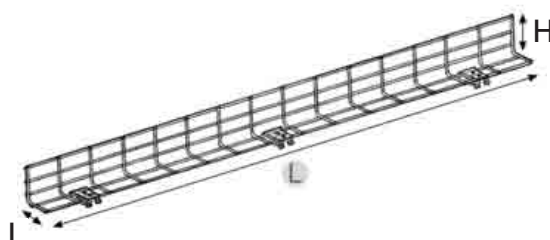
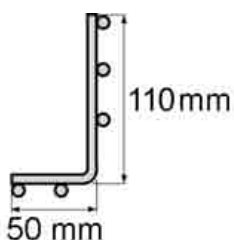
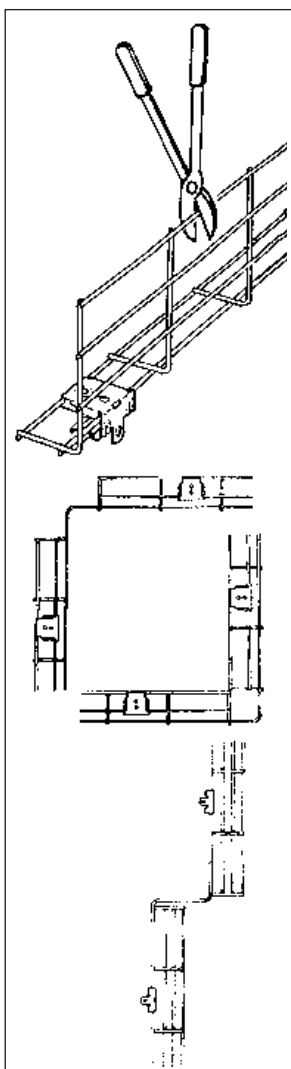
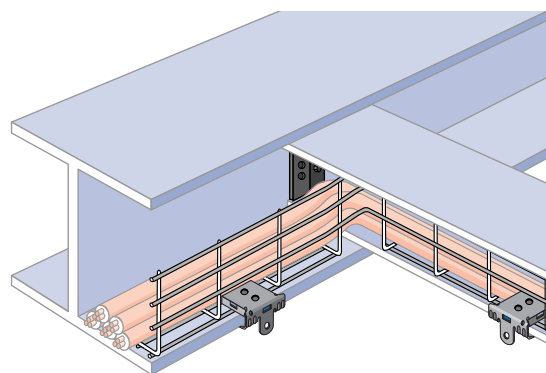
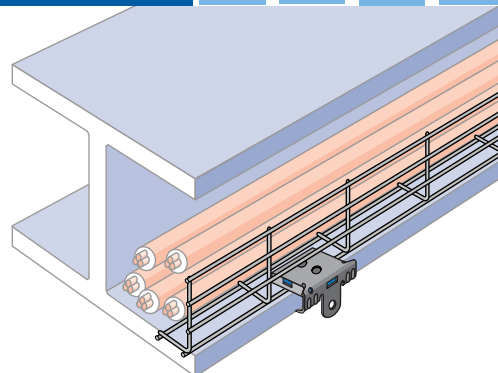
BCTC

			
BCTC	190620	7	100





		E mm	L x l x H mm		
BTF24	160820	3-8	1500 x 50 x 110	7 (1)	10
BTF58	160830	8-14	1500 x 50 x 110	7 (1)	10
BTF912	160840	14-20	1500 x 50 x 110	7 (1)	10





		L mm		
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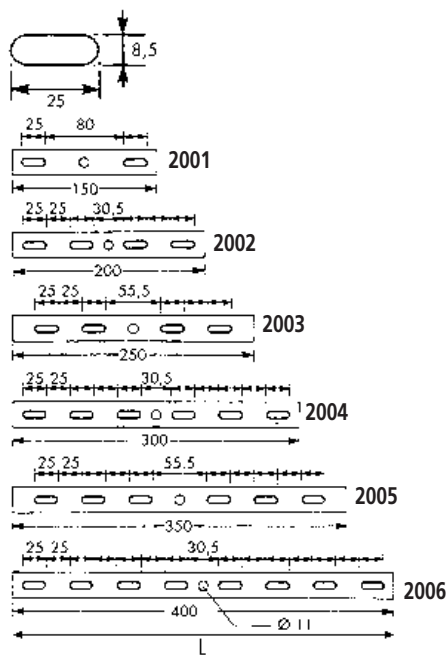
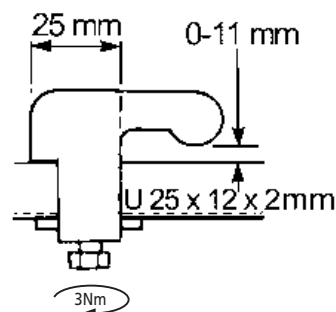
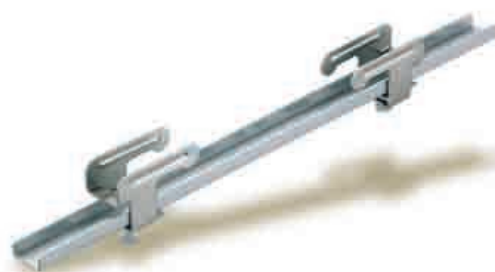
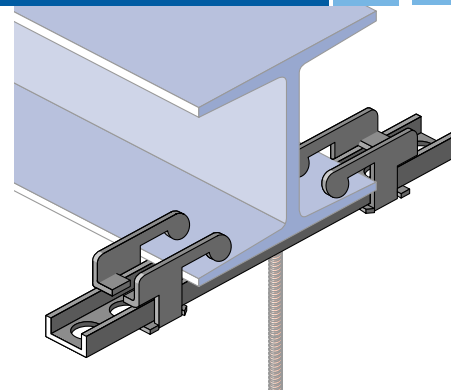
2150	570130	150	1	25
2200	570140	200	1	25
2250	570150	250	1	25
2300	570160	300	1	25
2350	570170	350	1	25
2400	570180	400	1	25



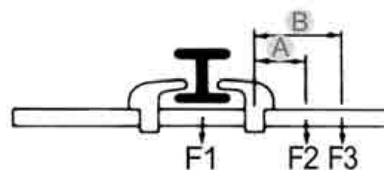
2001	570300	150	1	25
2002	570310	200	1	25
2003	570320	250	1	25
2004	570330	300	1	25
2005	570340	350	1	25
2006	570350	400	1	25



2025	570240	1	50



2000



	A mm	B mm	F1	F2	F3
2000	25	65	1700	490	340

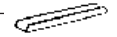




		L mm		
--	--	---------	--	--



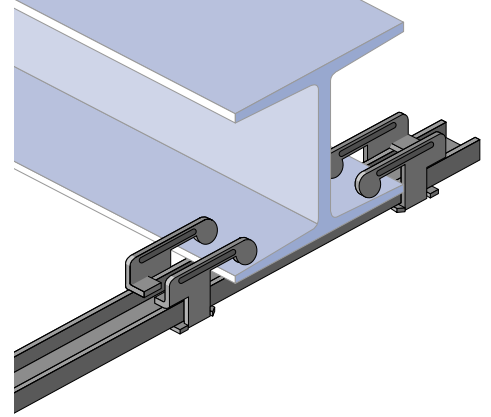
3300	570410	300	1	25
3400	570420	400	1	25
3500	570430	500	1	25
3600	570440	600	1	25



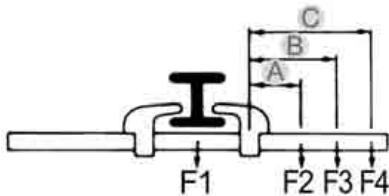
3001	570560	300	1	25
3002	570570	400	1	25
3003	570580	500	1	25
3004	570590	600	1	25



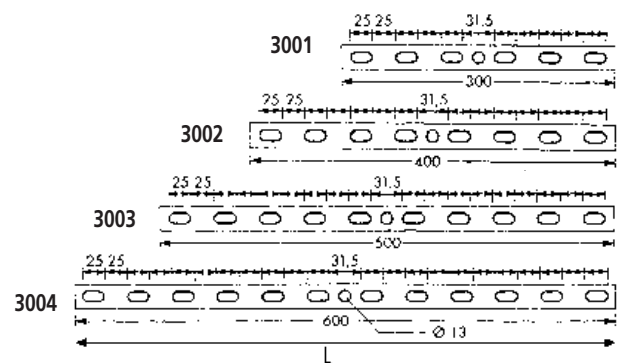
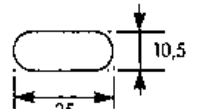
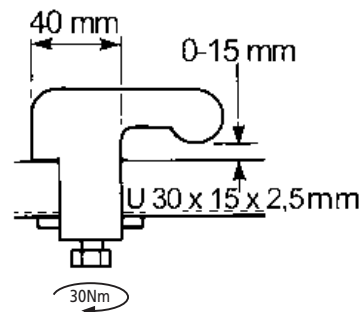
3025	570500	1	50



3000

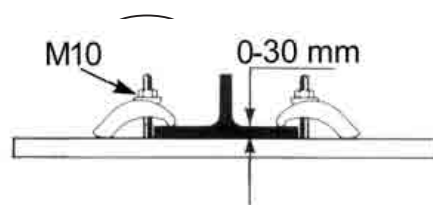
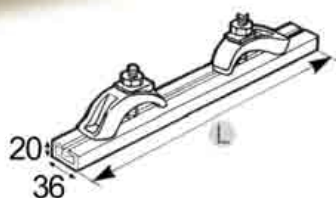
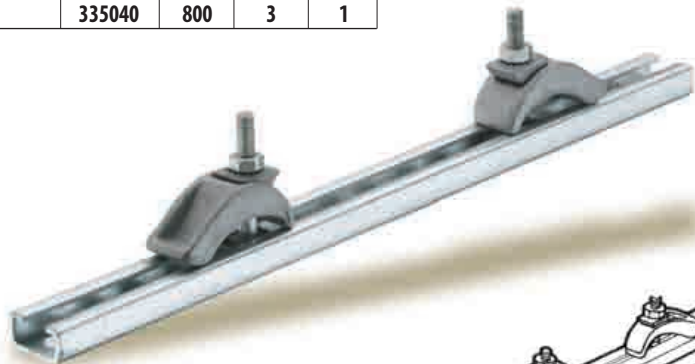
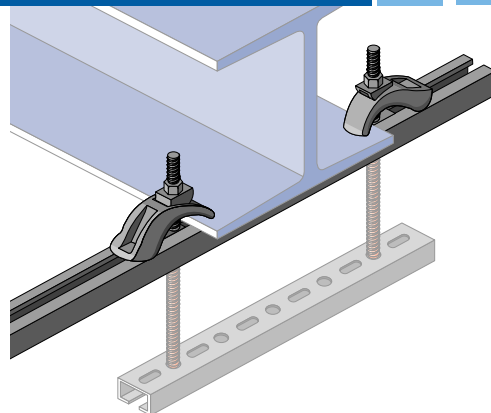


	A mm	B mm	C mm					
				F1	F2	F3	F4	
3000	100	150	200	3700	490	390	140	



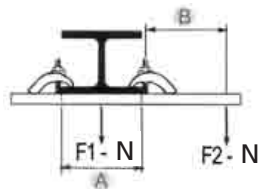


		L mm		
5130	335000	300	3	1
5140	335010	400	3	1
5150	335020	500	3	1
5160	335030	600	3	1
5170	335040	800	3	1

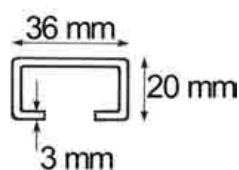
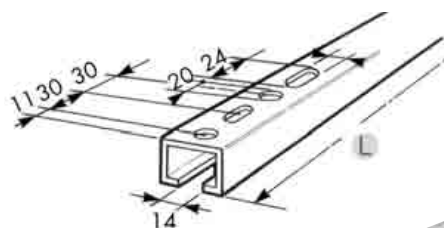


		L mm		
5101	335500	300	3	10
5102	335510	400	3	10
5103	335520	500	3	10
5104	335530	600	3	10
5105	335540	800	3	10
5106	335550	1000	3	10
5107	335560	2000	3	10
5109	335570	3000	3	10
5110	335580	6000	3	10

A mm	F1 	B mm	F2 
100	3500	100	1700
200	1750	200	800
300	1100	300	500
400	800	400	400
500	700	500	350
600	500	600	250



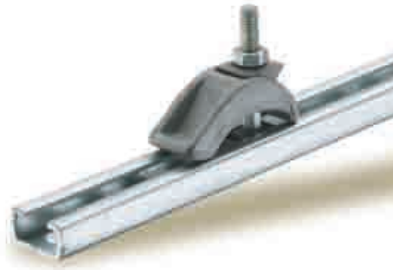
		L mm		
5101	335500	300	3	10
5102	335510	400	3	10
5103	335520	500	3	10
5104	335530	600	3	10
5105	335540	800	3	10
5106	335550	1000	3	10
5107	335560	2000	3	10
5109	335570	3000	3	10
5110	335580	6000	3	10



5120



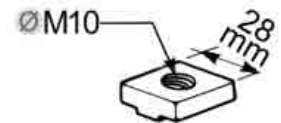
5120	335100	3	20



5190



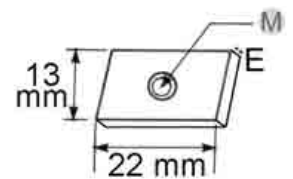
5190	335150	3	50



iM



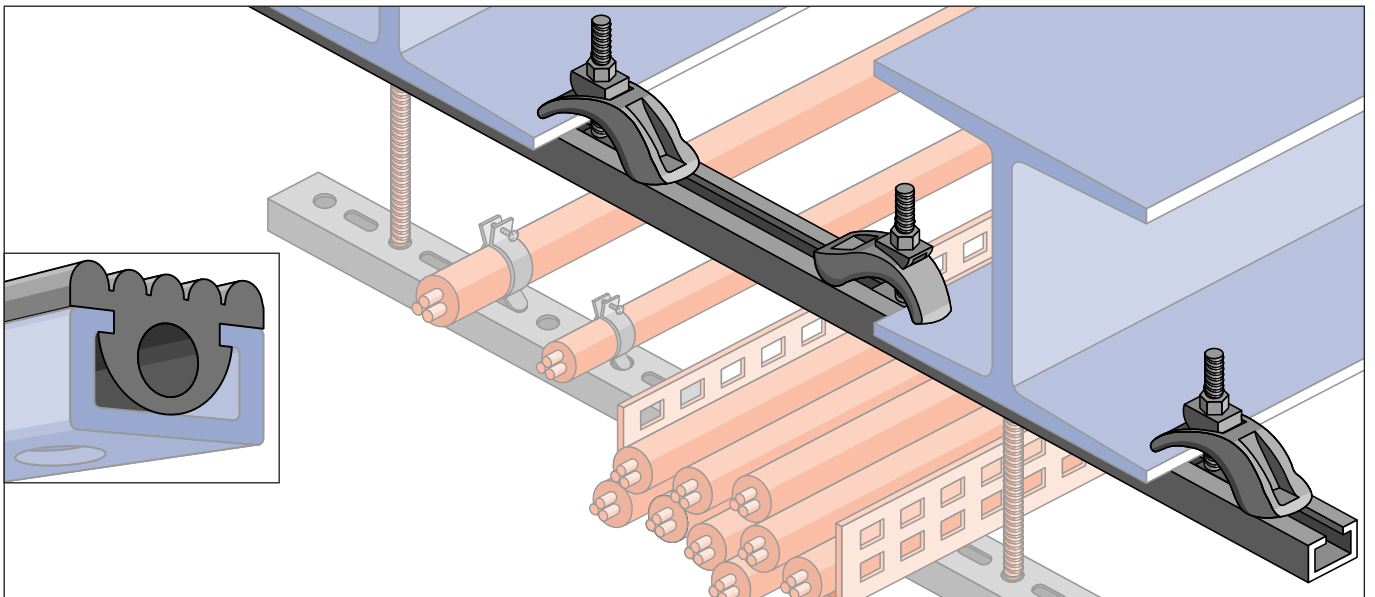
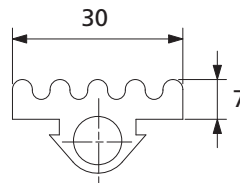
		A mm	L mm		
iM6	335170	6	4,5	3	100
iM8	335180	8	6	3	100
iM10	335190	10	7,5	3	100



5195

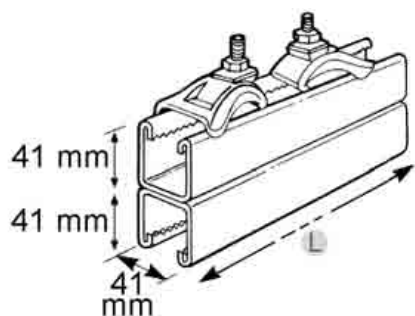
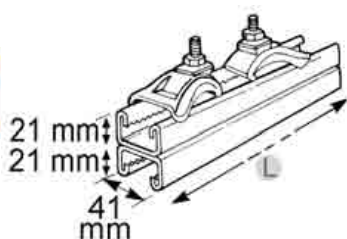
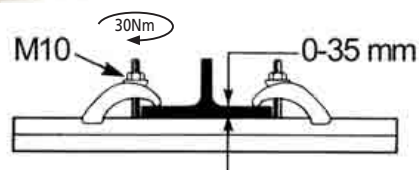
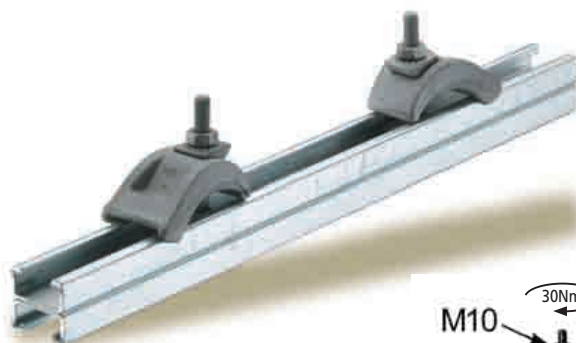
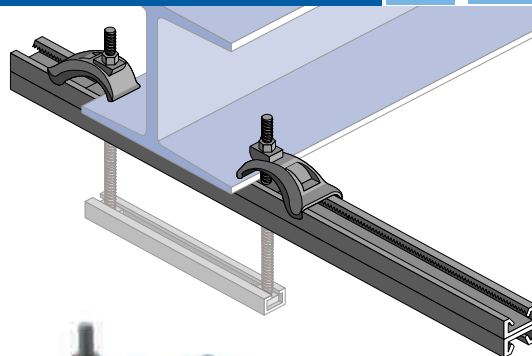


5195	335990	EPDM	20 M

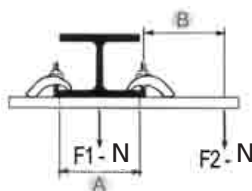




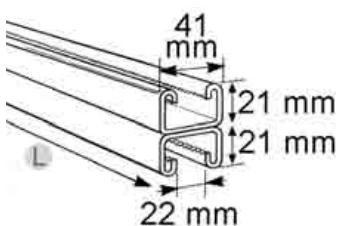
			L mm		
2x (41 x 21 x 2,5)					
6130		330000	300	3	1
6140		330010	400	3	1
6150		330020	500	3	1
6160		330030	600	3	1
6180		330040	800	3	1
2x (41 x 41 x 2,5)					
6530		330100	300	3	1
6540		330110	400	3	1
6550		330120	500	3	1
6560		330130	600	3	1
6580		330140	800	3	1



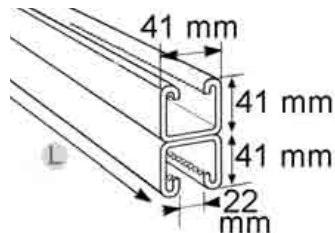
	A mm	F1 	B mm	F2
2x (41 x 21 x 2,5)				
	300	3000	300	1500
	400	2250	400	1100
	500	1800	500	900
	600	1500	600	700
2x (41 x 41 x 2,5)				
	300	9500	300	4500
	400	7000	400	3500
	500	5500	500	2850
	600	4500	600	2300



			L mm		
6101		330200	300	3	10
6102		330210	400	3	10
6103		330220	500	3	10
6104		330230	600	3	10
6105		330240	800	3	10
6106		330250	1000	3	10
6107		330260	2000	3	5
DDC 30-3		310101	3000	3	5
DDC 60-3		310111	6000	3	5



			L mm		
6501		330380	300	3	10
6502		330390	400	3	10
6503		330400	500	3	10
6504		330410	600	3	10
6505		330420	800	3	10
6506		330430	1000	3	10
6507		330440	2000	3	5
AAC 30-3		310221	3000	3	5
AAC 60-3		310231	6000	3	5



6120



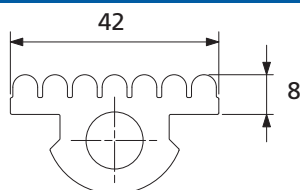
6120	330600	3	20



6195



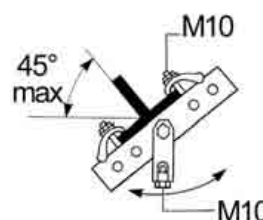
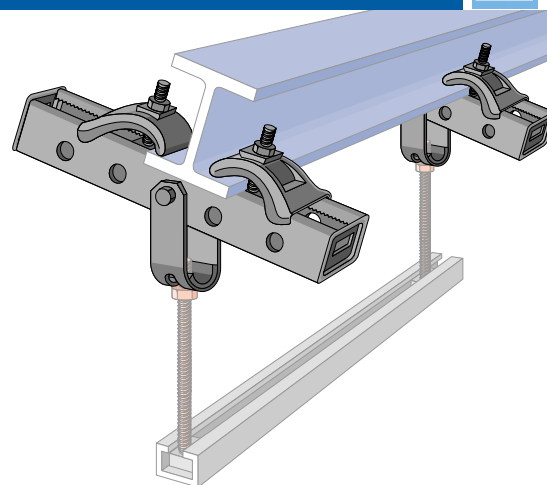
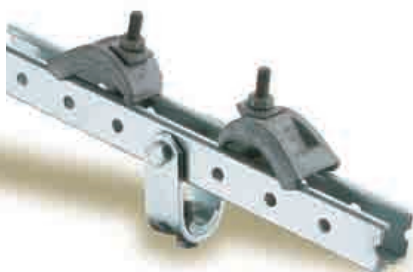
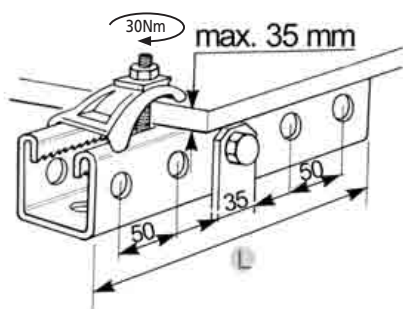
6195	335980	EPDM	20 m



6000 HB



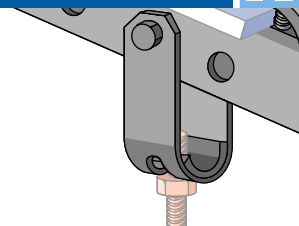
		L mm			
6001HB	336000	300	1+3	1	3000
6002HB	336010	400	1+3	1	2300
6003HB	336020	500	1+3	1	1800



SWIVEL 6000 HB

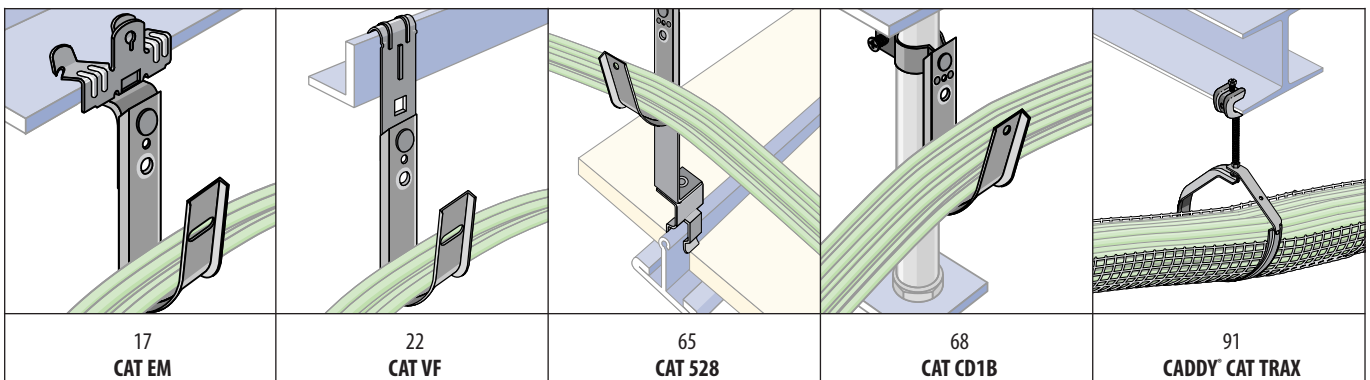
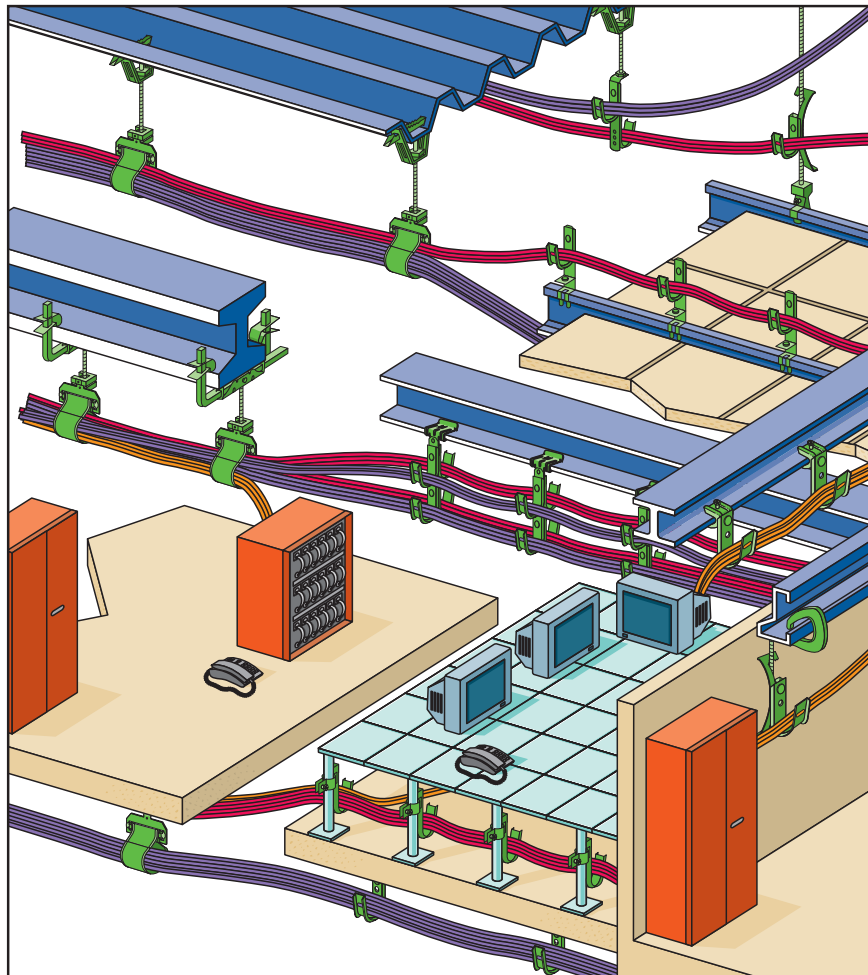
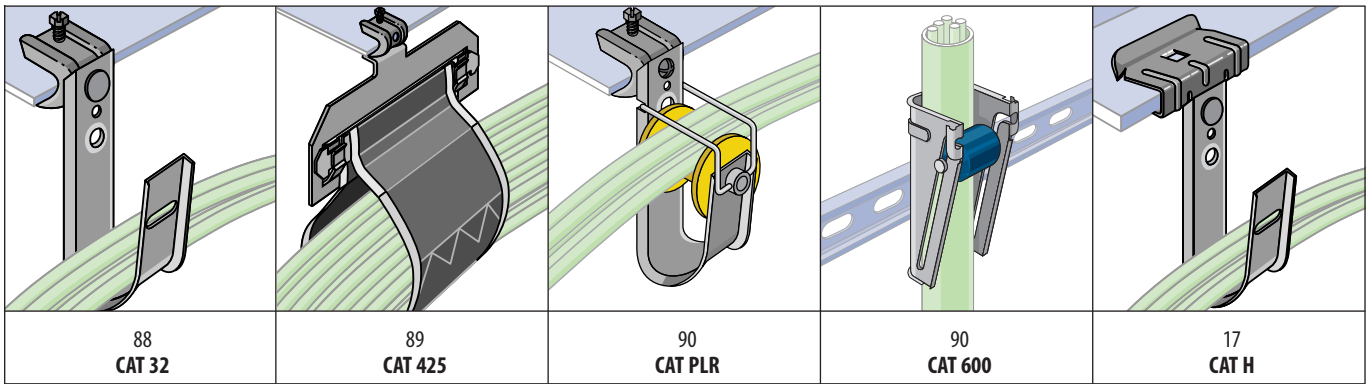


SWIVEL 6000HB	388350	3	1





8. CADDY® CABLECAT RANGE



CAT 12-21-32-64

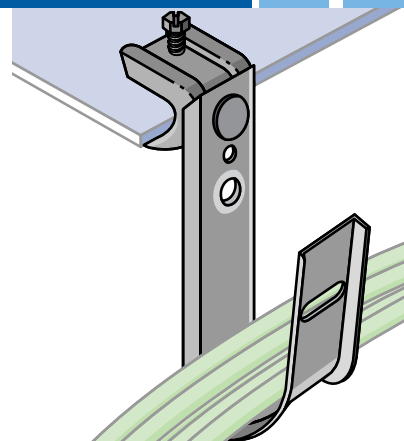
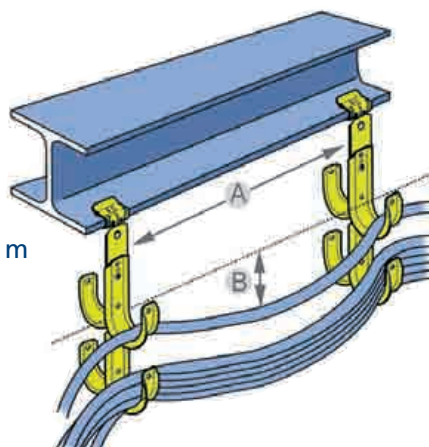


					
CAT 12	181100	19	1	50	220
CAT 21	181110	33	1	80	220
CAT 32	181120	50	1	60	220
CAT64	181050	100	1	20	900

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A = 1,20 - 1,50 m
B < 300 mm



CAT TRC

			
CAT TRC	181230	11	100



CAT TRMF

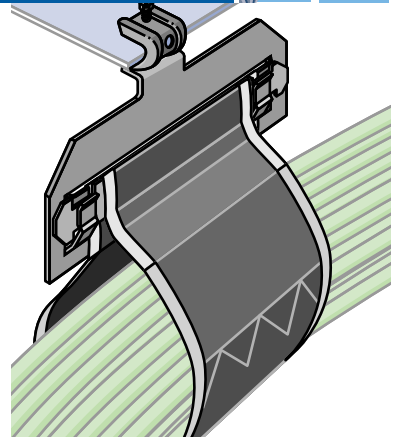
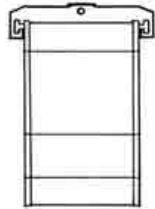
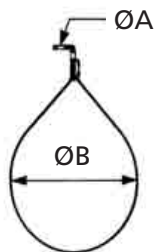
			
CAT TRMF 6 x 10 mm	181980	1	100
CAT TRMF 6 x 16 mm	181990	1	100



CAT 425

		ØA mm	ØB mm			
CAT 425	181130	7	100/150	1	10	450

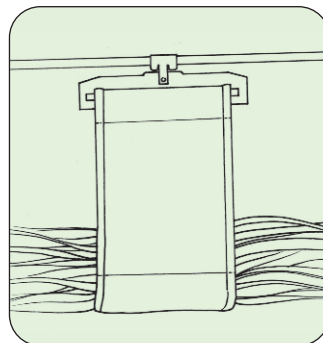
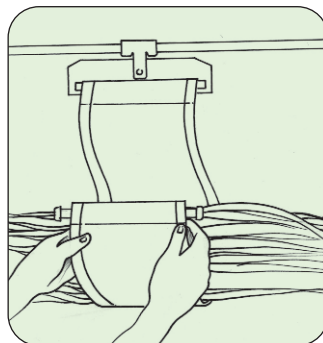
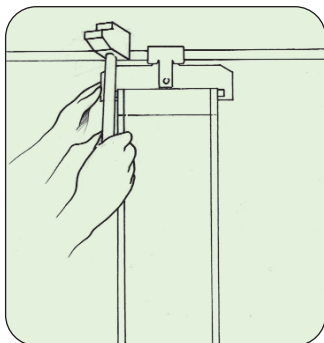
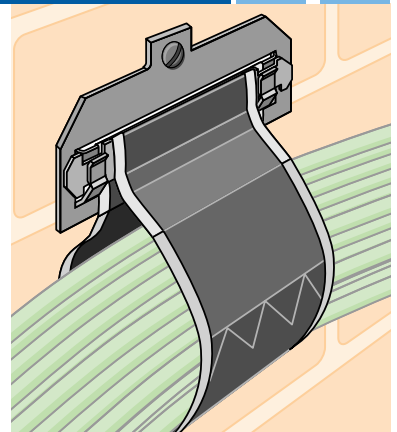
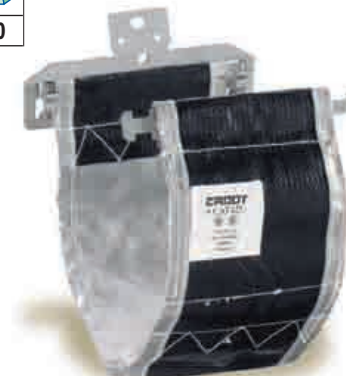
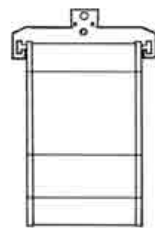
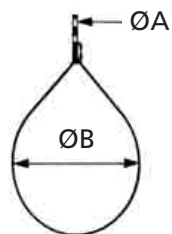
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CAT 425 WM

		ØA mm	ØB mm			
CAT 425 WM	181880	7	100/150	1	10	450

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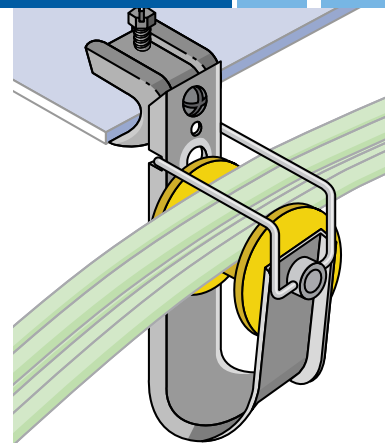


CAT PLR



CAT32PLR	182280	1	10	900
CAT64PLR	181055	1	10	900

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CAT 600

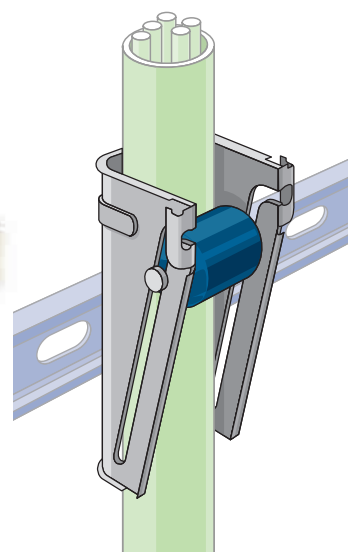


CAT600R	181930	1	2
CAT600WM	181940	1	2

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CAT600R

CAT600WN

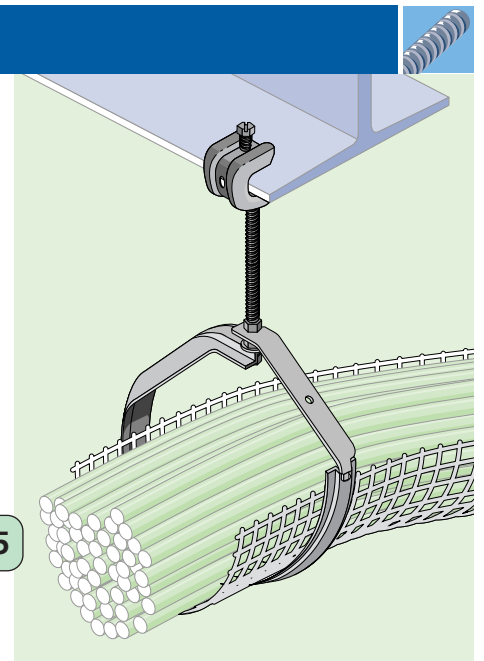
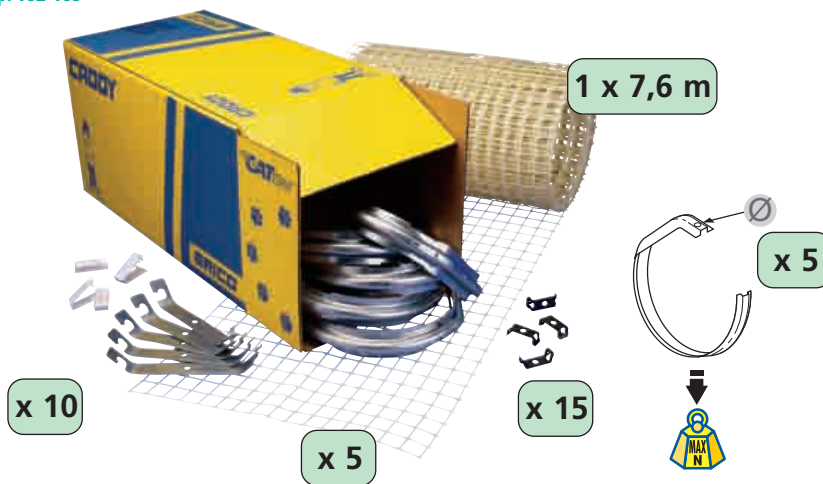


CADDY® CAT TRAX

		Ø mm	L mm			
CADDY CAT TRAX 25	182300	10,5	7600	1	1	900

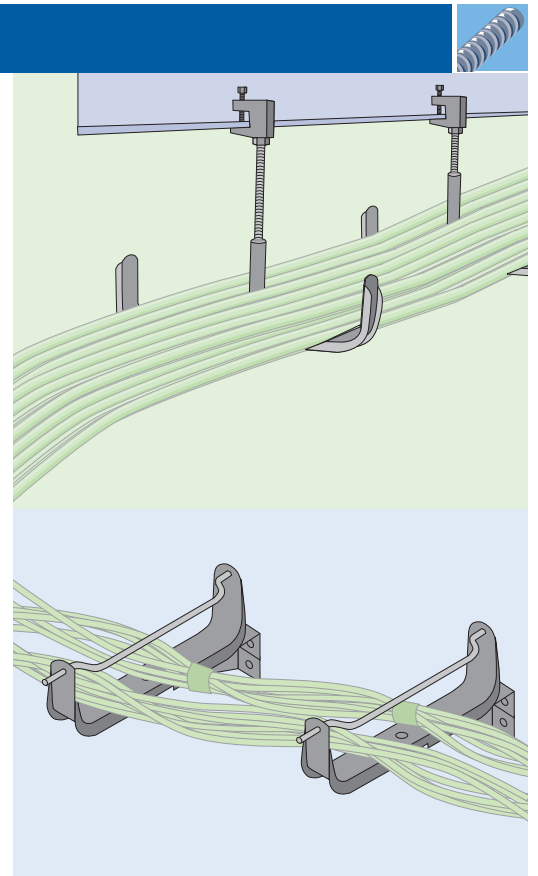
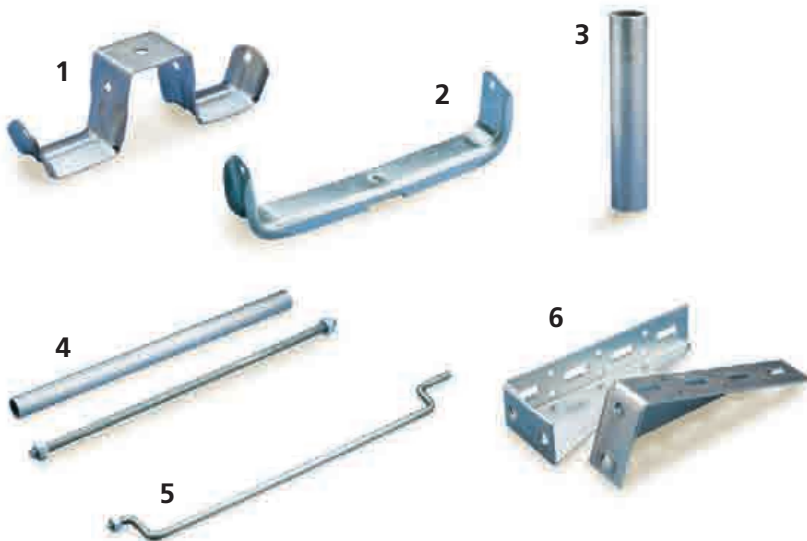


p. 182-183



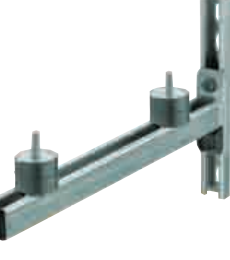
CADDY® CAT CM

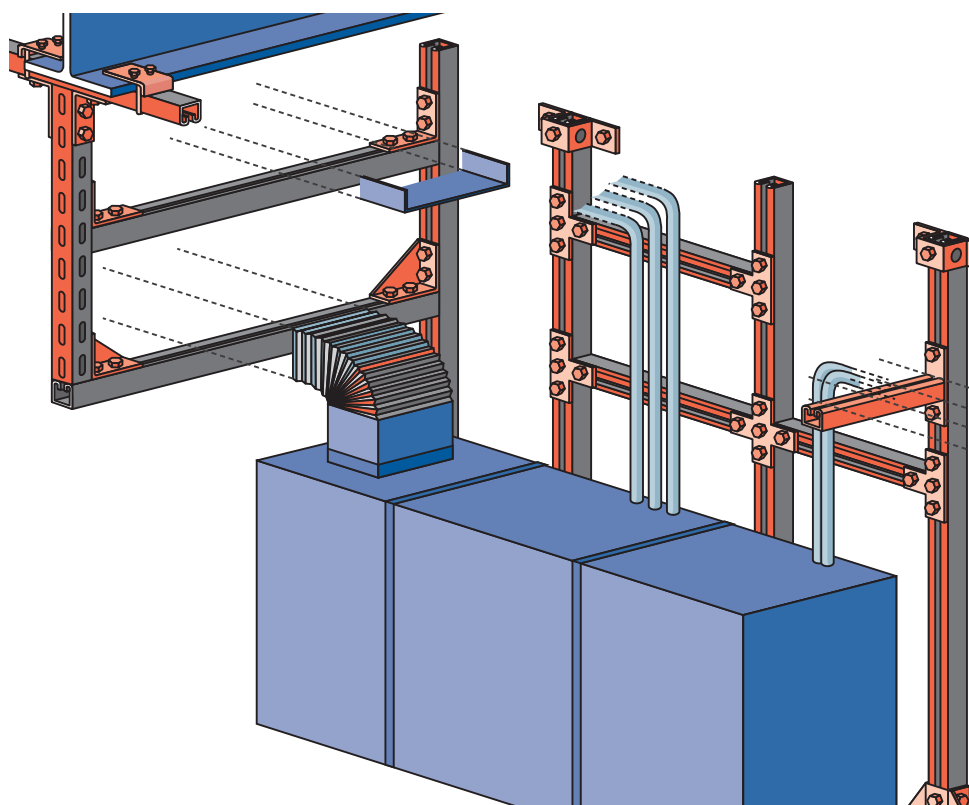
		N°		
CAT100CM	181976	1	1	20
CAT200CM	181981	2	1	10
CAT200CMLN	181982	2	1	10
CAT300CM	181983	2	1	10
CAT300CMLN	181984	2	1	10
CATTBCM	181987	3	1	30
CATRL200CM	181988	4	1	10
CATRL300CM	181989	4	1	10
CATRT200CM	181991	5	1	50
CATRT300CM	181992	5	1	50
CATWMCM	181994	6	1	10

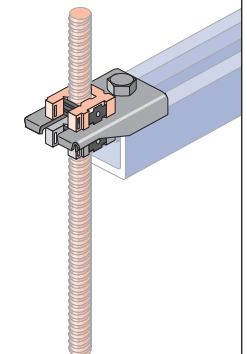
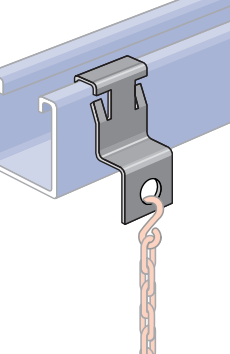




9. CADDY® ERISTRUT SYSTEM

				
94 AS	94 LDC	94 DDC	95 AAC	99 KIT U



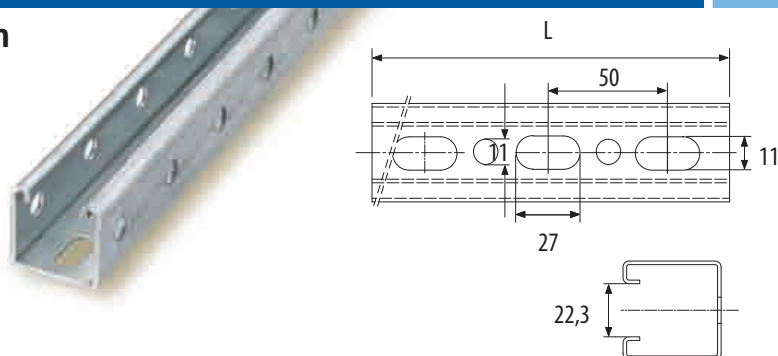
				
96 CDC	103 PLN	111 ZGA 509	101 ISSP	105 ESC



CADDY® ERISTRUT 41 x 41 x 2,5 mm

	N°	L m	P	
AS30-1	310360	3	1	10
AS60-1	310370	6	1	10
AS30-3	310400	3	3	10
AS60-3	310410	6	3	10

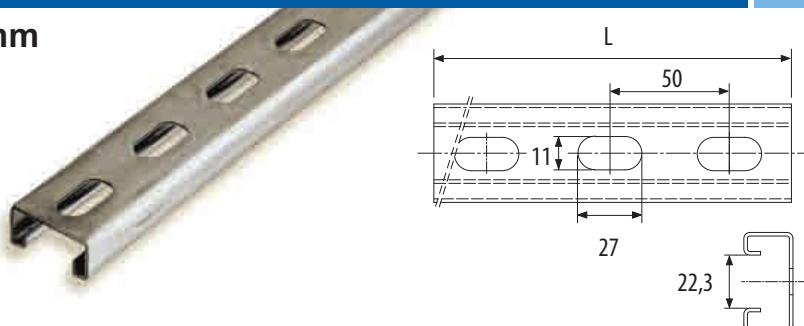
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CADDY ERISTRUT 21 x 41 x 1,5 mm

	N°	L m	P	
LDC20-1 21x41 mm	317116	2	1	10
LDC30-1 21x41 mm	317119	3	1	10
LDC60-1 21x41 mm	317131	6	1	10

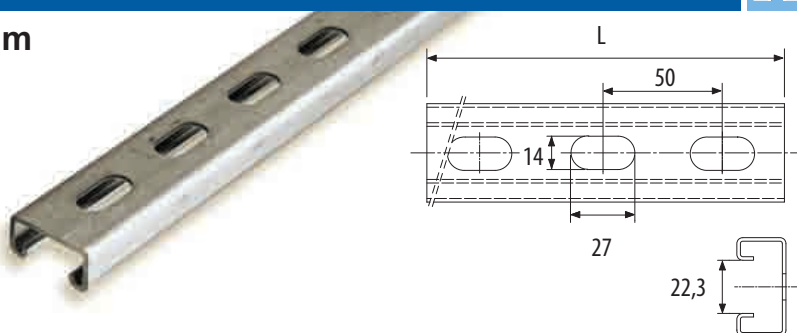
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CADDY ERISTRUT 21 x 41 x 2,5 mm

	N°	L m	P	
DC20-1 21x41 mm	387365	2	1	10
DC30-1 21x41 mm	310241	3	1	10
DC40-1 21x41 mm	310283	4	1	10
DC60-1 21x41 mm	310255	6	1	10
DC30-3 21x41 mm	310281	3	3	10
DC40-3 21x41 mm	310286	4	3	10
DC60-3 21x41 mm	310291	6	3	10

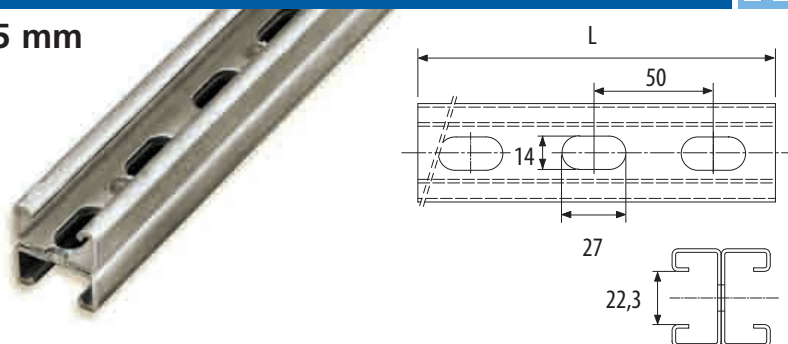
p. 184



CADDY ERISTRUT 2 x 21 x 41 x 2,5 mm

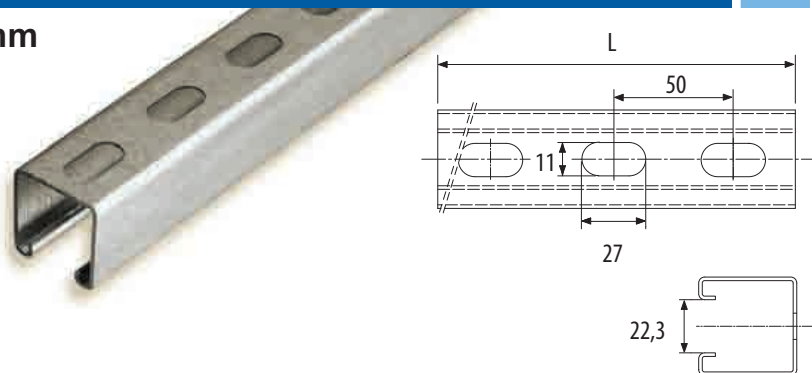
	N°	L m	P	
DDC30-1 21x41 mm	310061	3	1	5
DDC60-1 21x41 mm	310071	6	1	5
DDC30-3 21x41 mm	310101	3	3	5
DDC60-3 21x41 mm	310111	6	3	5

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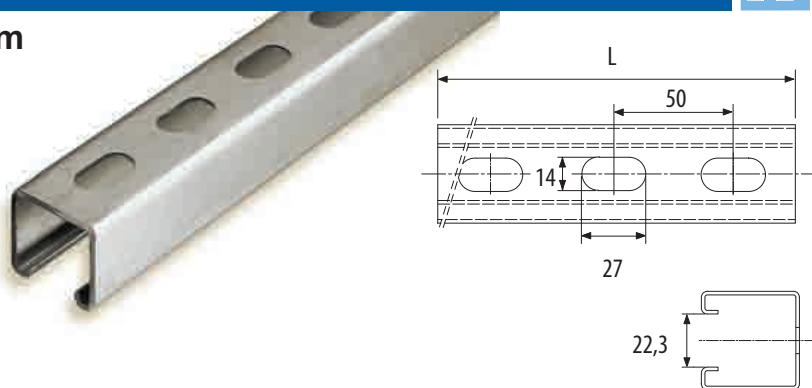
CADDY® ERISTRUT 41 x 41 x 1,5 mm

	N°	L m	P	
LAC20-1 41x41 mm	317096	2	1	10
LAC30-1 41x41 mm	317099	3	1	10
LAC60-1 41x41 mm	317111	6	1	10
LAC30-3 41x41 mm	317241	3	3	10
LAC60-3 41x41 mm	317251	6	3	10



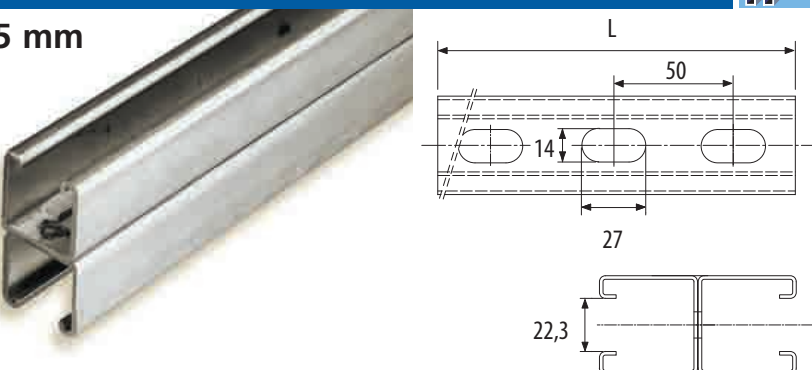
CADDY ERISTRUT 21 x 41 x 2,5 mm

	N°	L m	P	
AC20-1 41x41 mm	385505	2	1	10
AC30-1 41x41 mm	310299	3	1	10
AC40-1 41x41 mm	310333	4	1	10
AC60-1 41x41 mm	310311	6	1	10
AC30-3 41x41 mm	310339	3	3	10
AC40-3 41x41 mm	310332	4	3	10
AC60-3 41x41 mm	310358	6	3	10

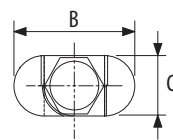
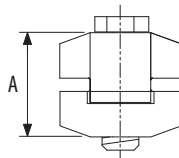


CADDY ERISTRUT 2 x 41 x 41 x 2,5 mm

	N°	L m	P	
AAC30-1 41x41 mm	310181	3	1	5
AAC60-1 41x41 mm	310191	6	1	5
AAC30-3 41x41 mm	310221	3	3	5
AAC40-3 41x41 mm	310222	4	3	5
AAC60-3 41x41 mm	310231	6	3	5



	N°	A mm	B mm	C mm		P	
STS	315450	22	25	12	DC/AC	1	100



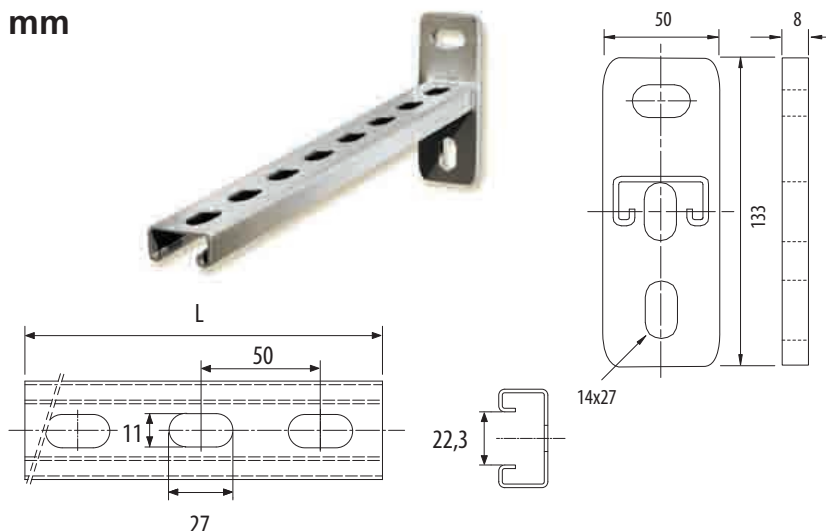


CADDY® ERISTRUT 21 x 41 x 1,5 mm

	N°	L mm	P	
CLDC15-1 150 mm	311681	150	1	20
CLDC30-1 300 mm	311686	300	1	20
CLDC45-1 450 mm	311691	450	1	10
CLDC15-3 150 mm	311680	150	3	20
CLDC30-3 300 mm	311685	300	3	20
CLDC45-3 450 mm	311690	450	3	10



p. 187

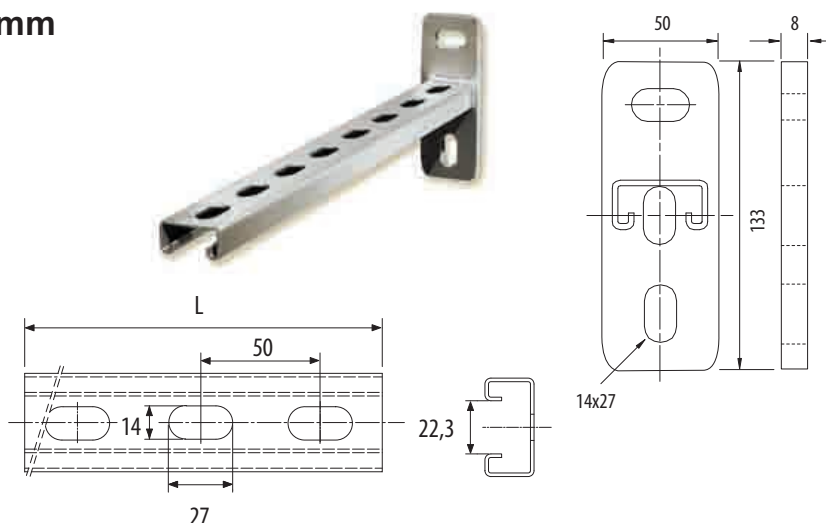


CADDY ERISTRUT 21 x 41 x 2,5 mm

	N°	L mm	P	
CDC15-1 150 mm	311657	150	1	20
CDC30-1 300 mm	311667	300	1	10
CDC45-1 450 mm	311677	450	1	5
CDC15-3 150 mm	311649	150	3	20
CDC30-3 300 mm	311659	300	3	10
CDC45-3 450 mm	311669	450	3	5



p. 187

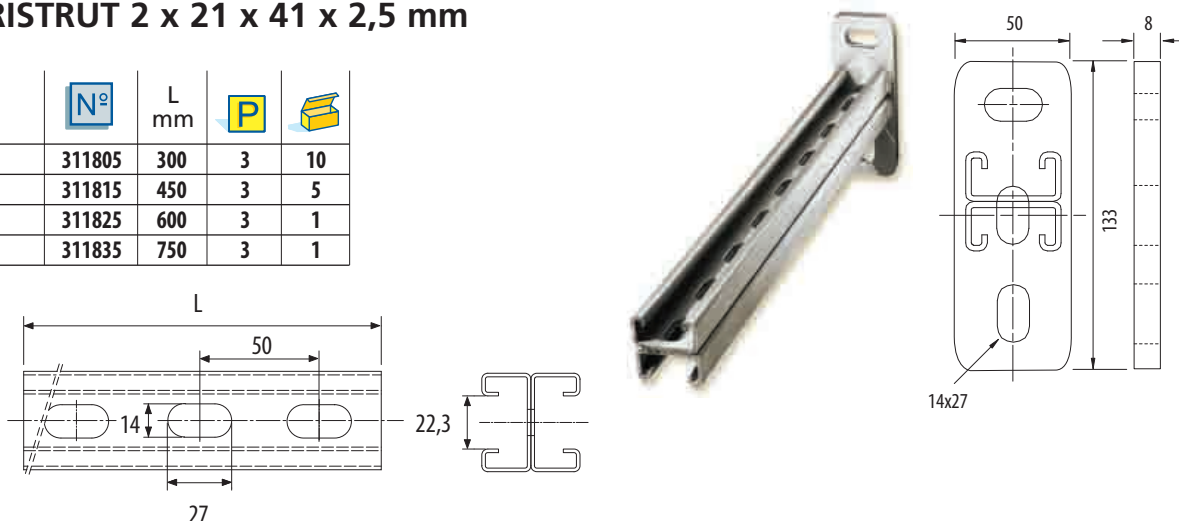


CADDY ERISTRUT 2 x 21 x 41 x 2,5 mm

	N°	L mm	P	
CDDC30-3 300 mm	311805	300	3	10
CDDC45-3 450 mm	311815	450	3	5
CDDC60-3 600 mm	311825	600	3	1
CDDC75-3 750 mm	311835	750	3	1



p. 188



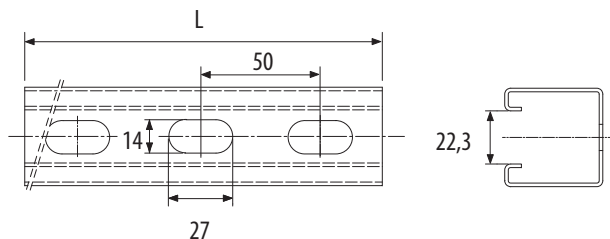
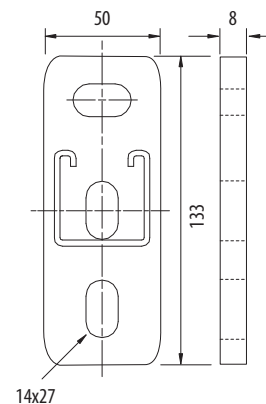


CADDY® ERISTRUT 41 x 41 x 2,5 mm

	N°	L m	P	
CAC15-1 150 mm	311707	150	1	20
CAC20-1 200 mm	311708	200	1	20
CAC30-1 300 mm	311717	300	1	10
CAC45-1 450 mm	311728	450	1	5
CAC50-1 500 mm	311729	500	1	5
CAC60-1 600 mm	311731	600	1	1
CAC75-1 750 mm	311756	750	1	1
CAC15-3 150 mm	311702	150	3	20
CAC20-3 200 mm	311703	200	3	20
CAC30-3 300 mm	311713	300	3	10
CAC45-3 450 mm	311718	450	3	5
CAC50-3 500 mm	311732	500	3	5
CAC60-3 600 mm	311733	600	3	1
CAC75-3 750 mm	311757	750	3	1
CAC100-3 1000 mm	311758	1000	3	1
CAC120-3 1200 mm	311759	1200	3	1
CAC150-3 1500 mm	311760	1500	3	1
CAC200-3 2000 mm	311761	2000	3	1



p. 188

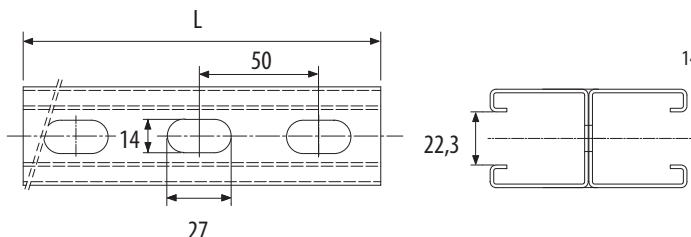
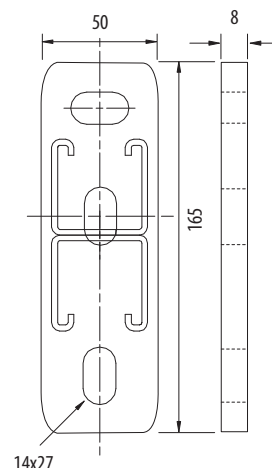
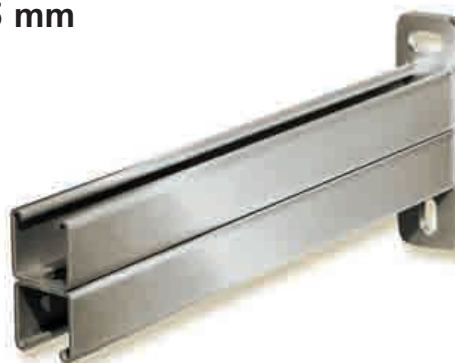


CADDY ERISTRUT 2 x 41 x 41 x 2,5 mm

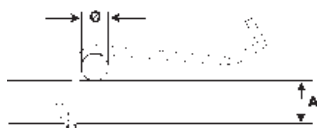
	N°	L mm	P	
CAAC30-3 300 mm	311401	300	3	5
CAAC40-3 400 mm	311409	400	3	5
CAAC45-3 450 mm	311411	450	3	5
CAAC50-3 500 mm	311419	500	3	5
CAAC60-3 600 mm	311421	600	3	1
CAAC75-3 750 mm	311431	750	3	1
CAAC80-3 800 mm	311439	800	3	1
CAAC90-3 900 mm	311441	900	3	1
CAAC105-3 1050 mm	311451	1050	3	1



p. 189



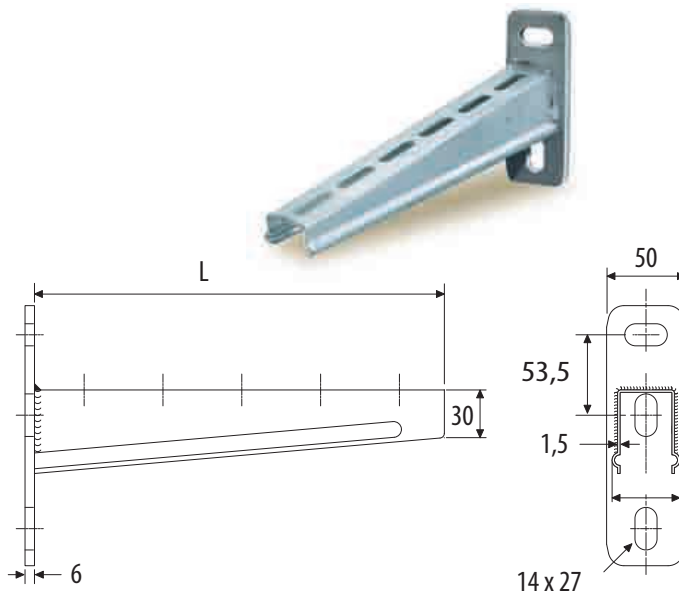
	N°	A mm	Ø mm	P	
WCTM	181996	8	5	2	100





CADDY® ERISTRUT 1,5 mm

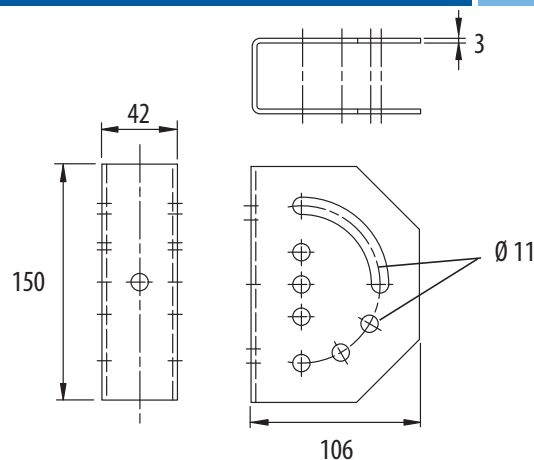
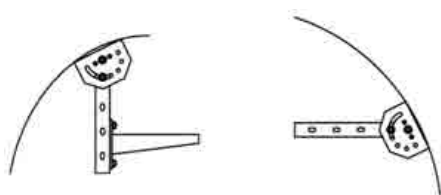
	N°	L mm	P	
CTRI12-3 120 mm	311920	120	3	20
CTRI16-3 160 mm	311925	160	3	20
CTRI21-3 210 mm	311930	210	3	20
CTRI26-3 260 mm	311935	260	3	20
CTRI31-3 310 mm	311940	310	3	10
CTRI41-3 410 mm	311945	410	3	10
CTRI51-3 510 mm	311950	510	3	5
CTRI61-3 610 mm	311955	610	3	5



SNZ - SNA



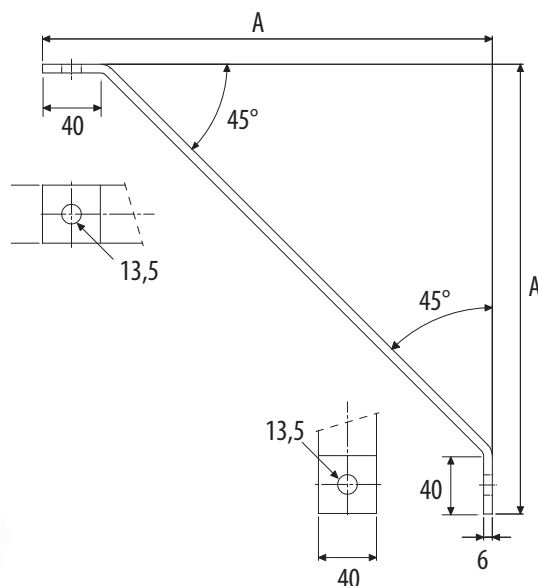
	N°	P	
SNZ-1	311905	1	1
SNA-3	311900	3	1



ZWA 223-225

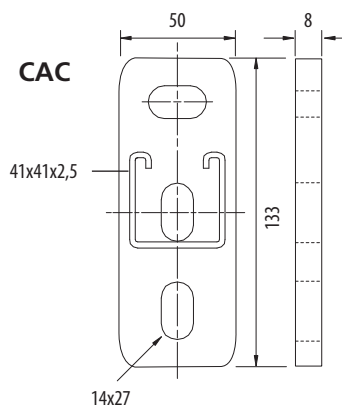
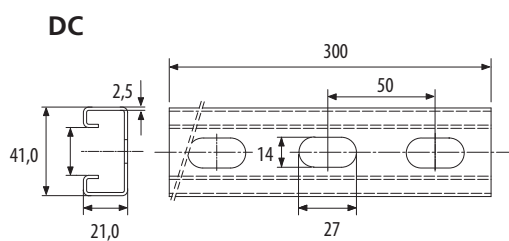
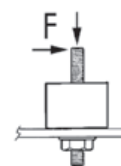
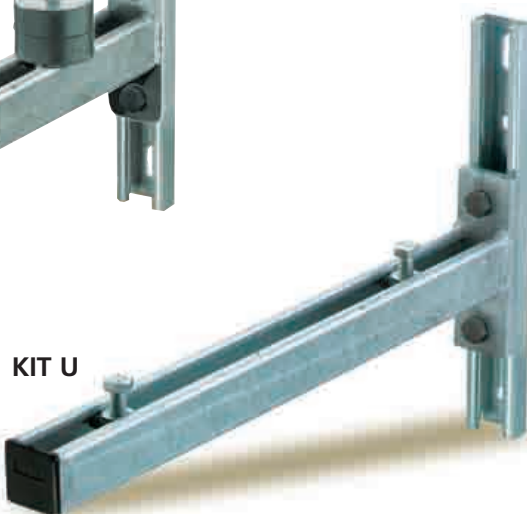
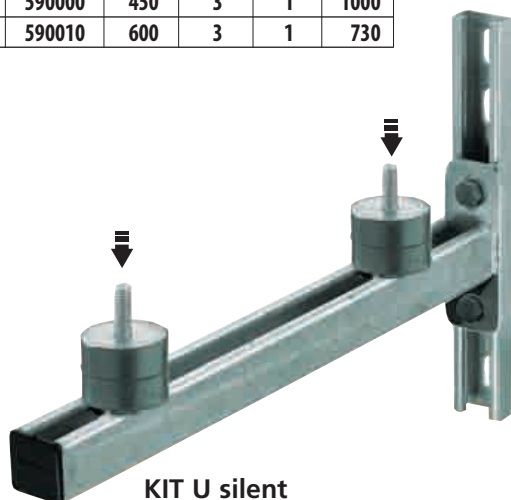
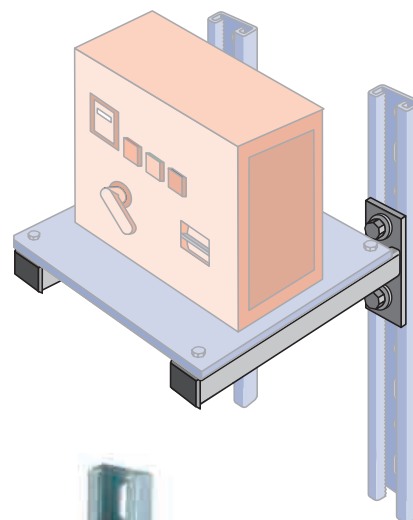


	N°	A mm	P	
ZWA 223	311840	300	3	1
ZWA 224	311841	200	3	1
ZWA 225	311842	500	3	1

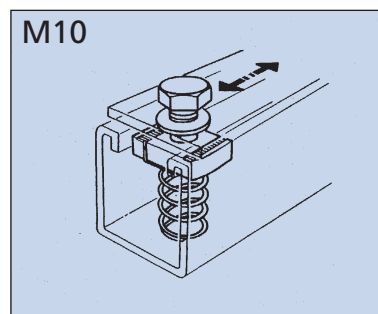
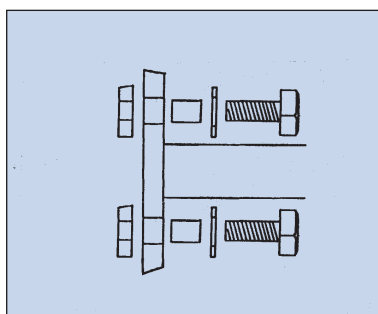
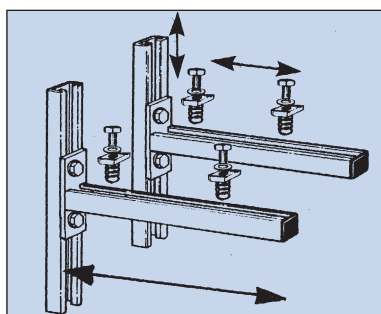




		A mm			
KIT U450 silent	589980	450	3	1	1000
KIT U600 silent	589990	600	3	1	730
KIT U450	590000	450	3	1	1000
KIT U600	590010	600	3	1	730



SBMK



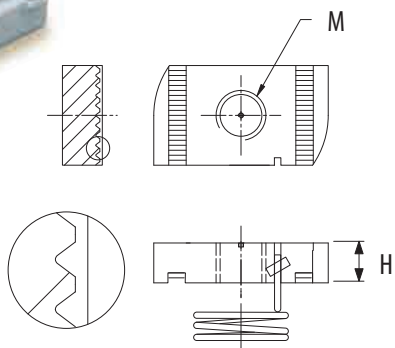


		M mm	H mm			
UM 506	315000	6	5	3	100	12
UM 608	315010	8	6	3	100	28
UM 810	315020	10	8	3	100	55
UM 812	315030	12	8	3	100	95
UD 506	315040	6	5	3	100	12
UD 608	315050	8	6	3	100	28
UD 810	315060	10	8	3	100	55
UD 812	315070	12	8	3	100	95
UA 506	315080	6	5	3	100	12
UA 608	315090	8	6	3	100	28
UA 810	315100	10	8	3	100	55
UA 812	315110	12	8	3	100	95
UT 506	515331	6	6	3	100	12
UT 608	315300	8	6	3	100	28
UT 810	315310	10	8	3	100	55
UT 812	315320	12	8	3	100	95
UM506 P1	314995	6	5	1	100	12
UM608 P1	315015	8	6	1	100	28
UM810 P1	315025	10	8	1	100	55
UM812 P1	315035	12	8	1	100	95
UD506 P1	315045	6	5	1	100	12
UD608 P1	315055	8	6	1	100	28
UD810 P1	315065	10	8	1	100	55
UD812 P1	315075	12	8	1	100	95
UA506 P1	315085	6	5	1	100	12
UA608 P1	315095	8	6	1	100	28
UA810 P1	315105	10	8	1	100	55
UA812 P1	315115	12	8	1	100	95
UT 506 P1	315295	6	6	1	100	12
UT 608 P1	315305	8	6	1	100	28
UT 810 P1	315315	10	8	1	100	55
UT 812 P1	315325	12	8	1	100	95

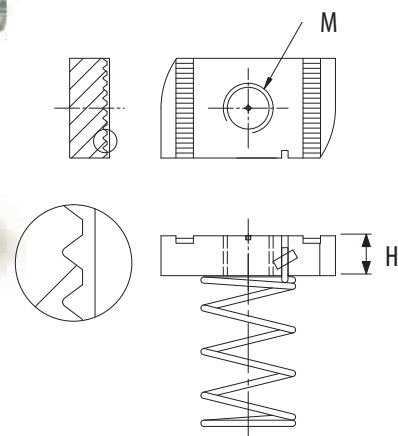
4.1 mm



UT

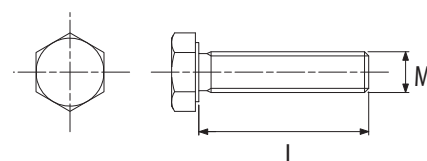


UA



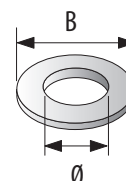
THM

		M	L mm		
THM10 x 25-3	593745	M10	25	3	100
THM10 x 30-3	593755	M10	30	3	100



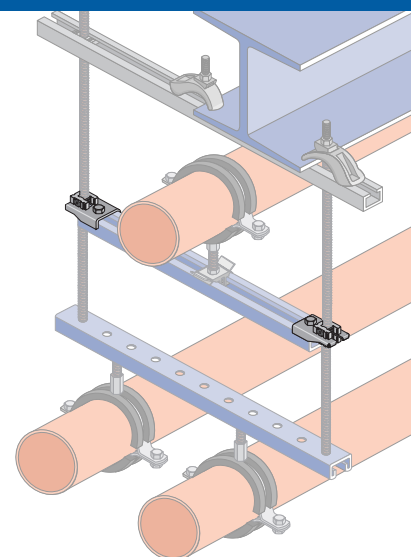
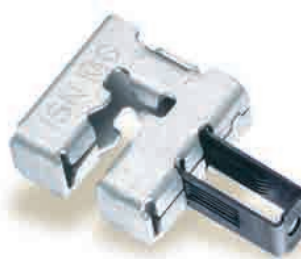
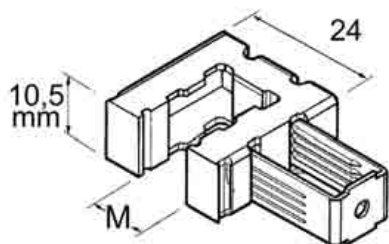
MU

		Ø mm	B mm		
MU 10-3	592415	10,5	21	3	100



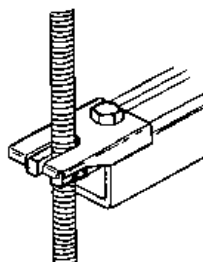
ISN

		M			
ISNM6	187340	M6	1	50	750
ISNM8	187350	M8	1	50	1000
ISNM10	187360	M10	1	50	1000

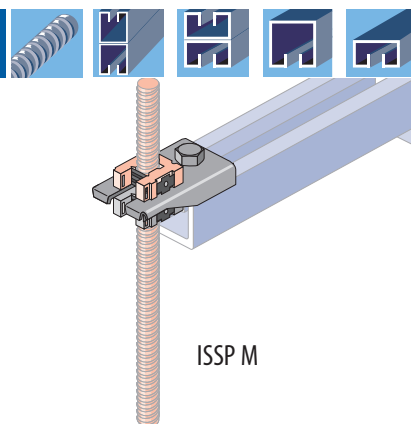


ISSP

			
ISSP	190800	1	50
ISSP M6	190810	1	24
ISSP M8	190820	1	24
ISSP M10	190830	1	24



ISSP

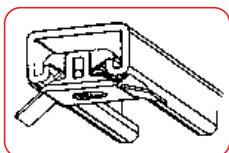
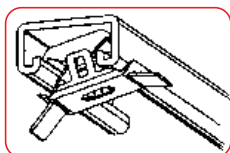
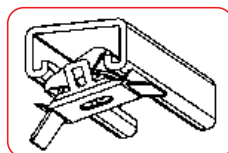
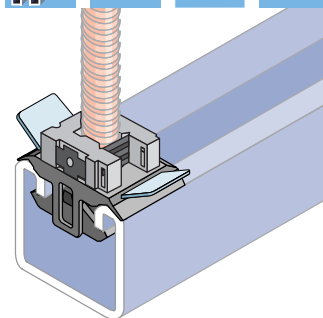


ISSP M

CADDY® SLICK



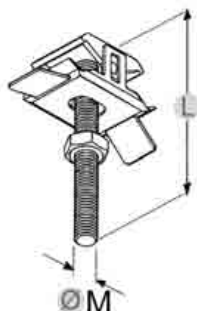
		A mm		
SLICK M6	174460	M6	7	100
SLICK M8	174340	M8	7	100
SLICK M10	174350	M10	7	100
SLICK M12	174550	M12	7	100



CADDY® SLICK 50-130



		M	L mm	L1 mm		
SLICK 50 M8	174360	M8	50	33	7+1	100
SLICK 70 M8	174370	M8	70	53	7+1	100
SLICK 90 M8	174380	M8	90	73	7+1	100
SLICK 110 M8	174390	M8	110	93	7+1	100
SLICK 130 M8	174400	M8	130	113	7+1	100
SLICK 50 M10	174410	M10	50	33	7+1	100
SLICK 70 M10	174420	M10	70	53	7+1	100
SLICK 90 M10	174430	M10	90	73	7+1	100
SLICK 110 M10	174440	M10	110	93	7+1	100
SLICK 130 M10	174450	M10	130	113	7+1	100



1500



1500



600

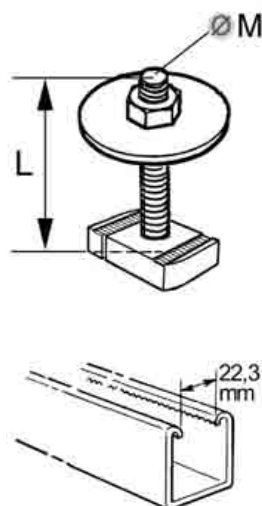


750





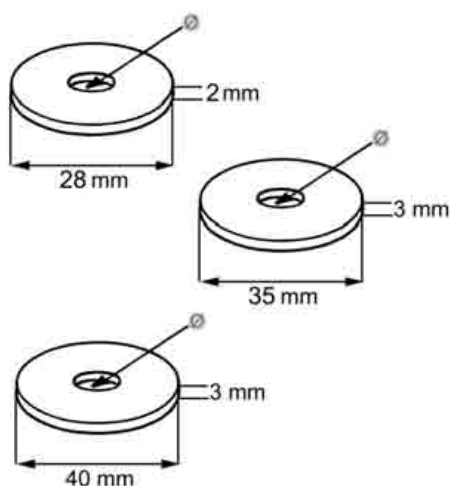
	Nº	M x L	P	
TMN 41-8x30	590220	8 x 30	1	100
TMN 41-8x40	590080	8 x 40	1	100
TMN 41-8x50	590221	8 x 50	1	100
TMN 41-8x60	590222	8 x 60	1	100
TMN 41-8x100	590223	8 x 100	1	50
TMN 41-10x40	590090	10 x 40	1	100
TMN 41-10x50	590224	10 x 50	1	100
TMN 41-10x60	590225	10 x 60	1	100
TMN 41-10x70	590226	10 x 70	1	100
TMN 41-10x80	590227	10 x 80	1	100
TMN 41-10x90	590228	10 x 90	1	50
TMN 41-12x40	590100	12 x 40	1	100



WSL



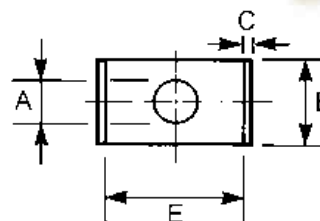
	Nº	Ø mm	P	
WSL 28-6	585200	6,2	1	100
WSL 28-8 42703	584596	8,4	1	100
WSL 28-10	584597	10,5	1	100
WSL 35-8	584598	8,4	1	100
WSL 35-10 42704	584599	10,5	1	100
WSL 40-8	584600	8,4	1	100
WSL 40-10	584610	10,5	1	100
WSL 40-13 42705	584611	13,0	1	100
WSL 40-17	584612	17,0	1	100



PLN



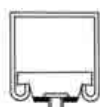
	Nº	A mm	B x C mm	E mm	P	
PLN42x30-8,4	589925	8,4	30 x 3	42	1	100
PLN42x30-10,5	589930	10,5	30 x 3	42	1	100
PLN42x30-13,0	589940	13,0	30 x 3	42	1	100



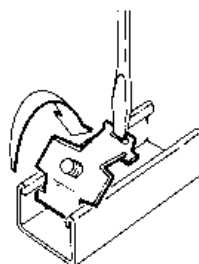
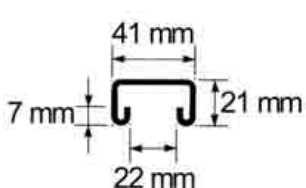
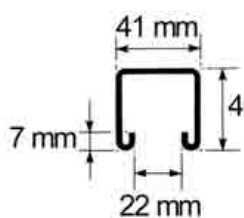
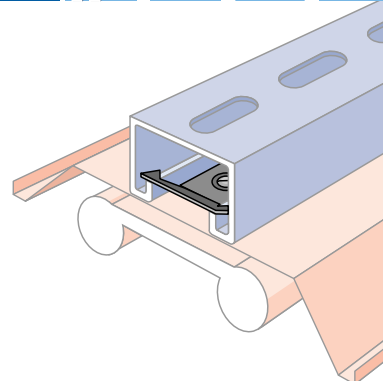
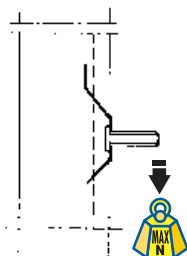
MFA-SM



MFASM25	160300	7	100	200	450



M6 x 25 mm



MFA-M6

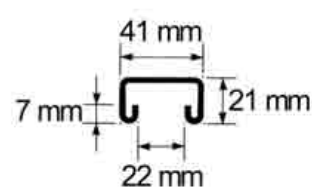
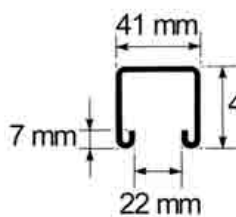
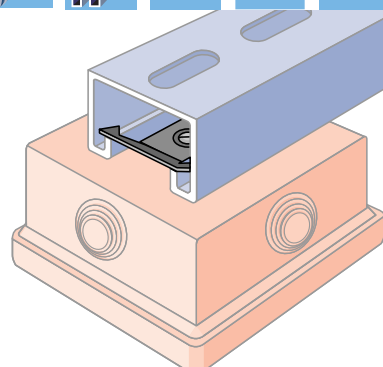


41 mm

MFAM6	160310	7	100	200	450

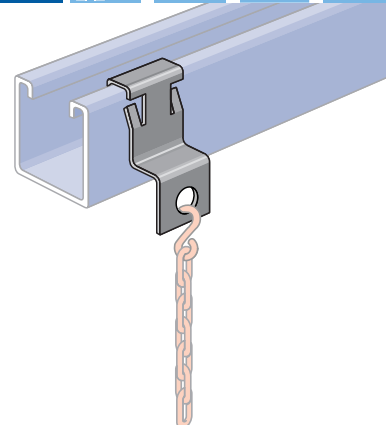
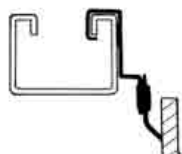
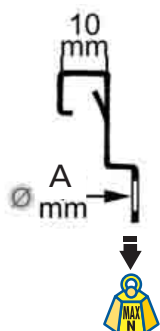


M6





		$\varnothing$ A mm			
ESC-4	174560	6,8	7	100	700



ESC-MTi/T



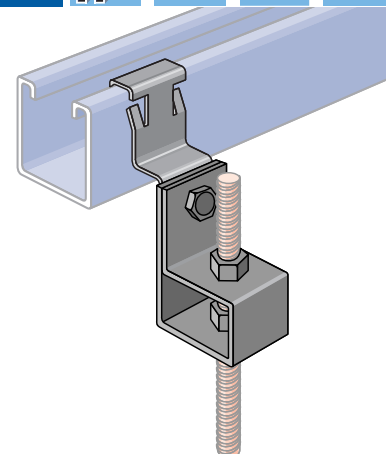
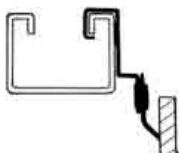
		$\varnothing$ 1 M/mm	$\varnothing$ 2 mm			
M6TiESC	174575	M6	7	7	100	700
M8TiESC	174580	M8	8,5	7	100	700
M10TiESC	174585	M10	11	7	100	700
T10ESC	174590	11	11	7	100	700

10
mm

10
mm

$\varnothing$ 1

$\varnothing$ 2

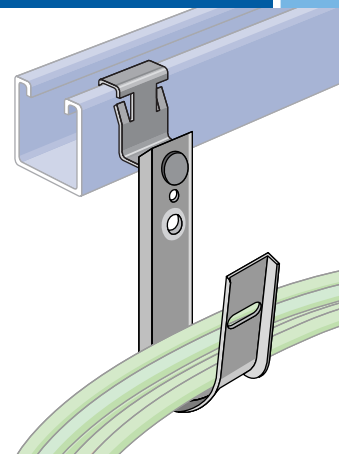
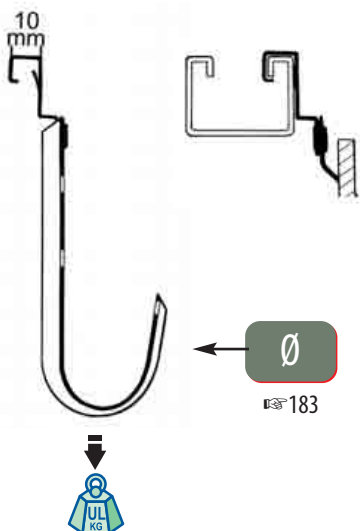


41 mm

CAT ESC



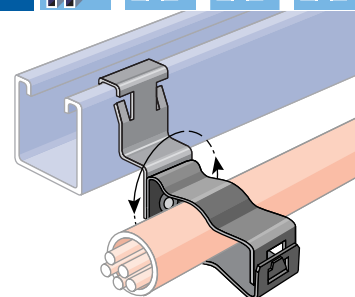
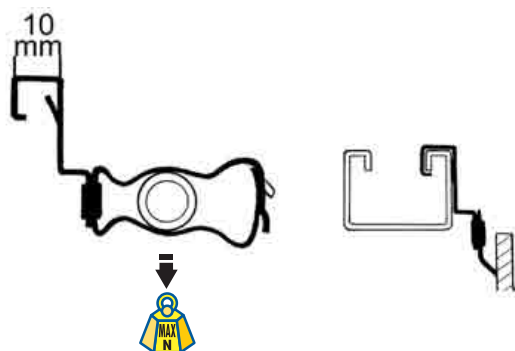
	N°	P		
CAT 21ESC	174565	1	40	700
CAT 32ESC	174570	1	40	700



ESC-M



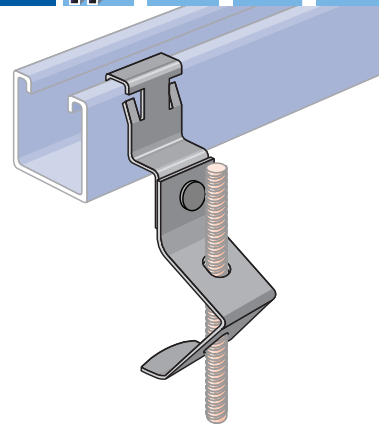
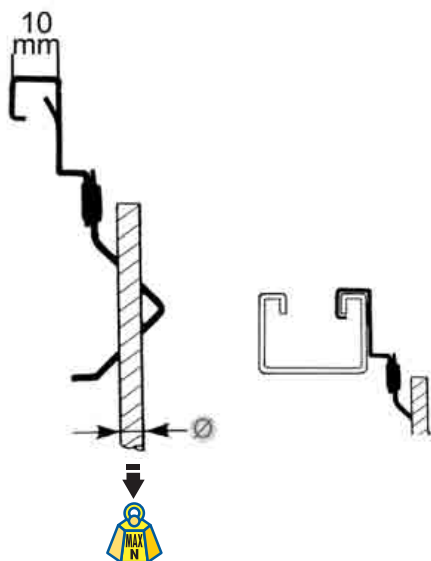
	N°	Ø 1 mm	P		
ESC6M	174595	14-18	7	100	120
ESC812M	174600	18-30	7	100	120
ESC16M	174605	30-35	7	100	120
ESC20M	174610	35-42	7	50	120



ESC-MA



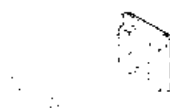
					
ESCM6MA	174615	M6	7	100	600
ESCM8MA	174620	M8	7	100	700
ESCM10MA	174625	M10	7	100	700



ADK 421



				
ADK 421	313305	41 x 41 41 x 21	11	100



DLP • DLM



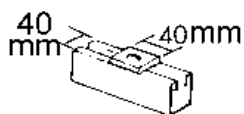
			
DLP	313310	11	1 x 3m
DLM	313320	1	1 x 3m



ZE 100 • ZEA 100



			
ZE 100	313000	3	25
ZEA 100	387500	3	25



ZE =  ZEA = 



ZE 101 • ZEA 101



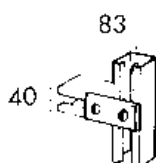
			
ZE 101	313010	3	25
ZEA 101	387510	3	25



ZE 102 • ZEA 102



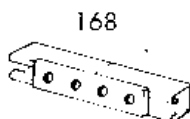
			
ZE 102	313020	3	25
ZEA 102	387520	3	25



ZE 104 • ZEA 104



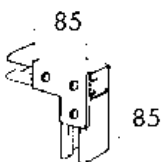
			
ZE 104	313040	3	10
ZEA 104	387540	3	10



ZE 107 • ZEA 107



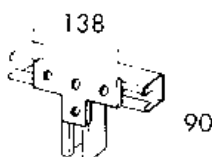
			
ZE 107	313070	3	25
ZEA 107	387570	3	25



ZE 108 • ZEA 108



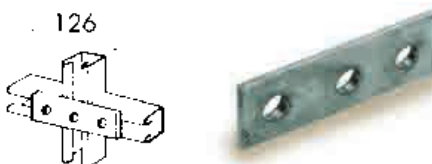
			
ZE 108	313080	3	25
ZEA 108	387580	3	25



ZEA 103



ZEA 103	387530	3	25



ZE = ZEA =

mm
↔

ZEA 105



ZEA 105	387550	3	10



ZEA 106



ZEA 106	387560	3	25



ZEA 109



ZEA 109	387590	3	10



41mm

ZEA 110



ZEA 110	387450	3	10



ZEA 111



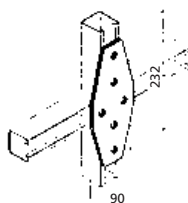
ZEA 111	387440	3	10



ZEA 112



ZEA 112	387445	3	10



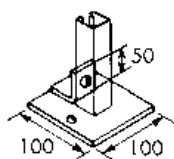
ZE = ZEA =

mm

ZGA 500



ZGA 500	388120	3	1



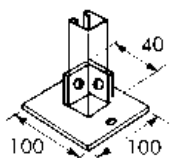
ZG = ZGA =

mm

ZGA 501



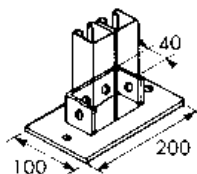
ZGA 501	388270	3	1



ZGA 502



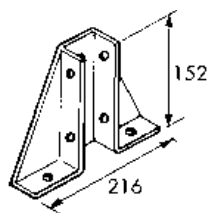
ZGA 502	388360	82x41	3



ZGA 503 • ZGA 504



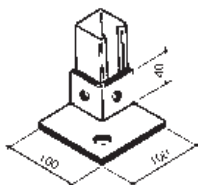
ZGA 503	388370	41x41	3
ZGA 504	388380	82x41	3



ZGA 505



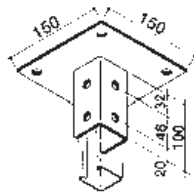
ZGA 505	313821	3	1



ZGA 506



			
ZGA 506	313822	3	1



ZG =  ZGA = 

mm
↔

ZGA 507



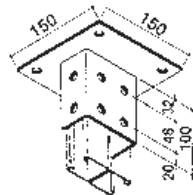
			
ZGA 507	313823	3	1



ZGA 508



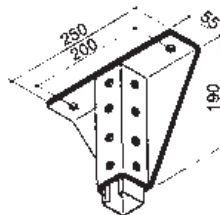
			
ZGA 508	313824	3	1



ZGA 509



			
ZGA 509	313825	3	1

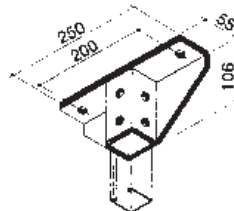


41mm

ZGA 510



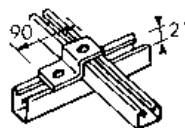
			
ZGA 510	313826	3	1



ZSA 300



			
ZSA 300	387730	3	10



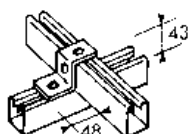
ZS =  ZSA = 

mm
↔

ZSA 301



ZSA 301	387740	3	10



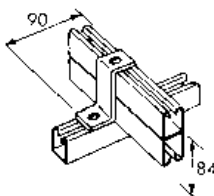
ZS = ZSA =

mm
↔

ZSA 302



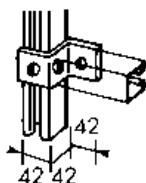
ZSA 302	387960	3	10



ZSA 303



ZSA 303	387970	3	10

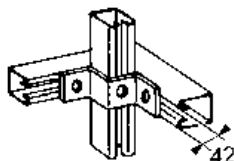


ZSA 304



41mm

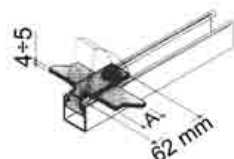
ZSA 304	388110	3	10



ZSA 305



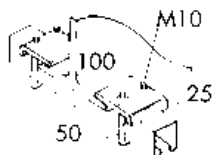
ZSA 305	388111	3	25



ZTA 601 • ZTA 602



ZTA 601 21-41	387700	DDC+DC+AC	3	10
ZTA 602 62-83	388005	AAC+MC+KC	3	10



ZT 605



ZT 605	313260	3	10



ZT = ZTA =

mm
↔

ZT 606



ZT 606	313270	3	1



ZT 607



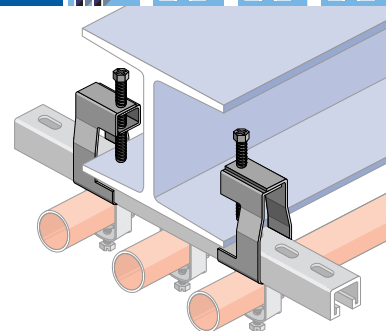
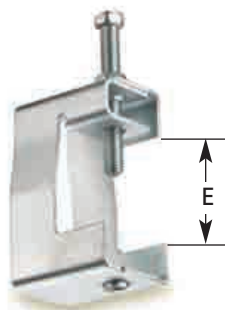
ZT 607	313280	3	1



STCB



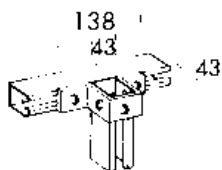
		E mm			
STCB10M	181580	≤50	1	10	1350



ZU 400 • ZUA 400



ZU 400	313120	3	5
ZUA 400	387750	3	5



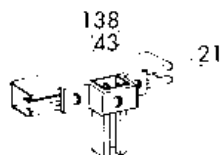
ZU = ZUA =

mm
↔

ZUA 401



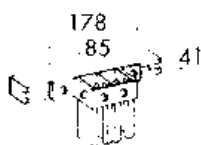
ZUA 401	387760	3	5



ZUA 402



ZUA 402	387770	3	5



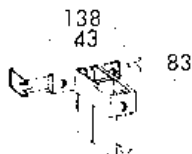
ZU = ZUA =

mm
↔

ZUA 403



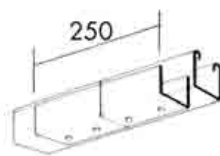
ZUA 403	387780	3	5



ZUA 404 • ZUA 405



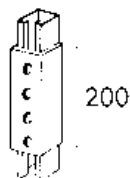
ZUA 404	387790	41 x 21	3	5
ZUA 405	387800	41 x 41	3	5



ZUA 406 • ZUA 407



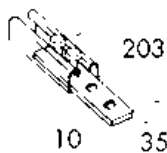
ZUA 406	387810	41 x 21	3	5
ZUA 407	387820	41 x 41	3	5



ZUA 408



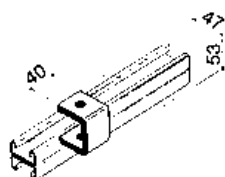
ZUA 408	387830	3	5



ZUA 410



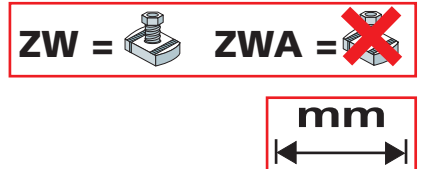
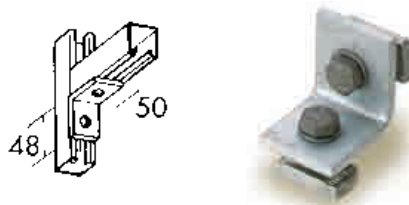
ZUA 410	387832	3	5



ZW 200 • ZWA 200



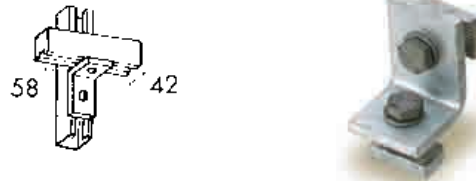
			
ZW 200	313330	3	10
ZWA 200	387600	3	10



ZW 201 • ZWA 201



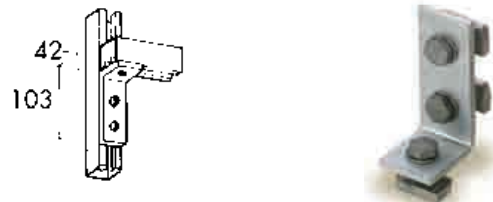
			
ZW 201	313340	3	10
ZWA 201	387610	3	10



ZW 202 • ZWA 202



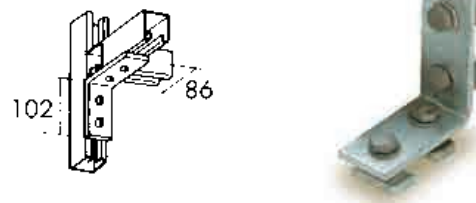
			
ZW 202	313350	3	10
ZWA 202	387620	3	10



ZW 205 • ZWA 205



			
ZW 205	313380	3	10
ZWA 205	387650	3	10



41mm

ZW 207



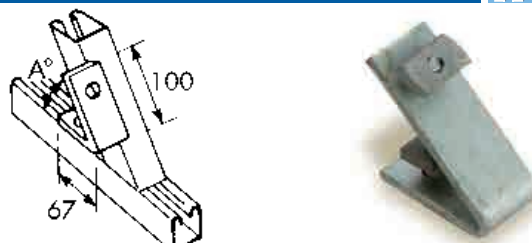
			
ZW 207	313400	3	1



ZW 219 • ZWA 219



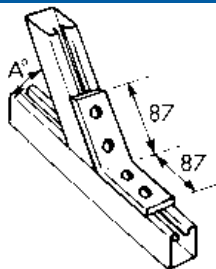
				
ZW 219 45	313640	45	3	5
ZWA 219 45°	387920	45	3	5
ZW 219 82,5	313690	82,5	3	5



ZW 220 • ZWA 220



		A°		
ZW 220	313700	45	3	5
ZWA 220	387980	45	3	5



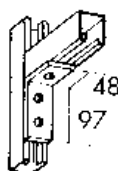
ZW = ZWA =

mm

ZWA 203



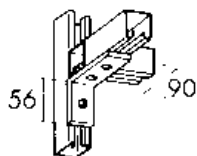
ZWA 203	387630	3	10



ZWA 204



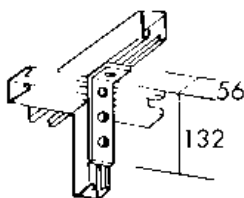
ZWA 204	387640	3	10



ZWA 206



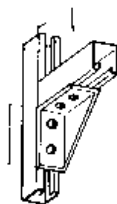
ZWA 206	387660	3	10



ZWA 207 • ZWA 207L



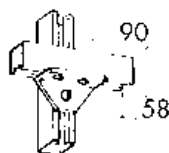
		A mm	B mm		
ZWA 207	387670	102	86,5	3	1
ZWA 207L	387675	106	90,5	3	1



ZWA 208



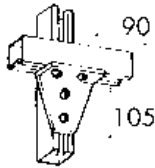
ZWA 208	387680	3	5



ZWA 209



			
ZWA 209	387690	3	1



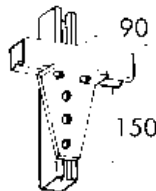
ZW =  ZWA = 

mm
↔

ZWA 210



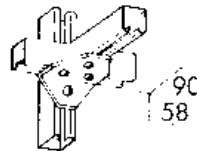
			
ZWA 210	387840	3	1



ZWA 211



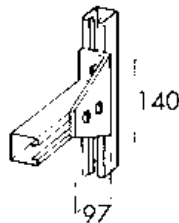
			
ZWA 211	387860	3	1



ZWA 212



			
ZWA 212	387870	3	1

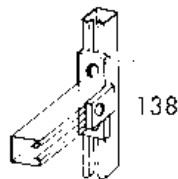


41mm

ZWA 213



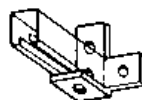
			
ZWA 213	387880	3	1



ZWA 214



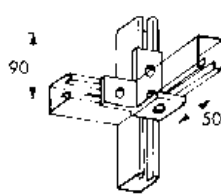
			
ZWA 214	387890	3	5



ZWA 215



			
ZWA 215	387900	3	5



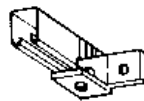
ZW =  ZWA = 

mm


ZWA 216



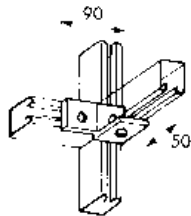
			
ZWA 216	387910	3	5



ZWA 217



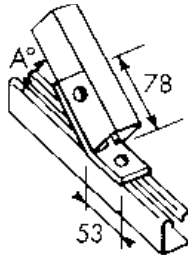
			
ZWA 217	387930	3	5



ZWA 218 45°



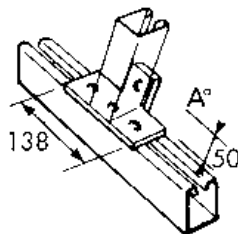
		A°		
ZWA 218 45°	387850	45	3	5



ZWA 221



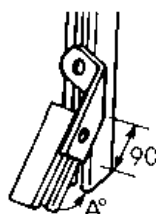
		A°		
ZWA 221	387940	45	3	5



ZWA 222



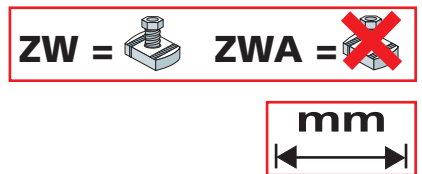
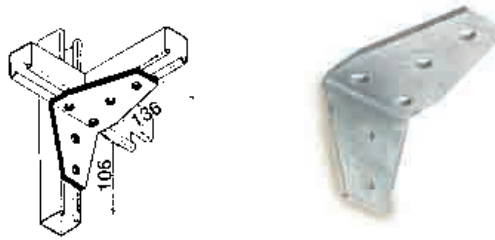
		A°		
ZWA 222	387950	45	3	5



ZWA 226



ZWA 226	311843	3	1



ZWA 227



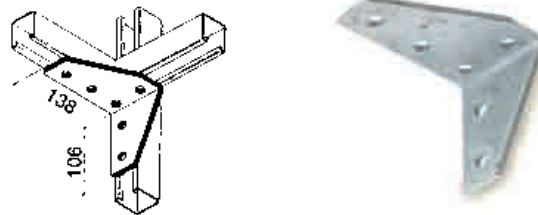
ZWA 227	311844	3	1



ZWA 228



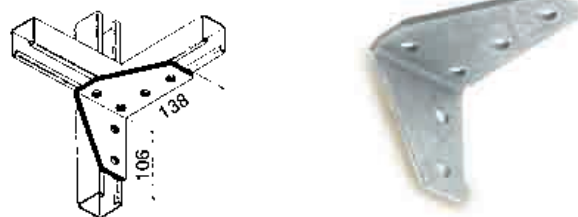
ZWA 228	311845	3	1



ZWA 229



ZWA 229	311846	3	1

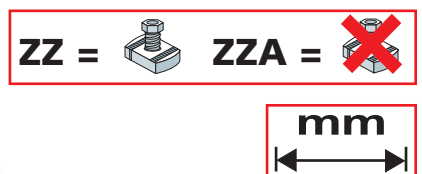
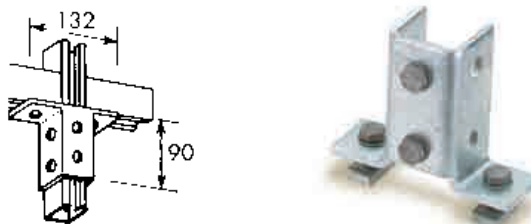


41mm

ZZ 702 • ZZA 702



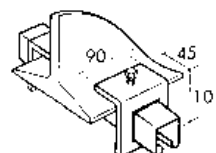
ZZ 702	313850	3	1
ZZA 702	387720	3	1



ZZ 704



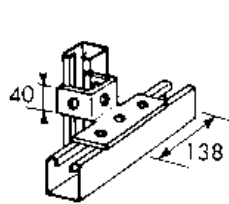
ZZ 704	313870	41 x 41	3
			10



ZZA 700



			
ZZA 700	388390	3	5



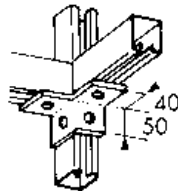
ZZ =  ZZA = 

mm


ZZA 701



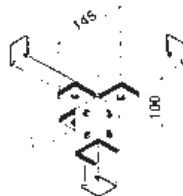
			
ZZA 701	388400	3	5



ZZA 705



			
ZZA 705	388421	3	1



ZZA 706



			
ZZA 706	388422	3	1

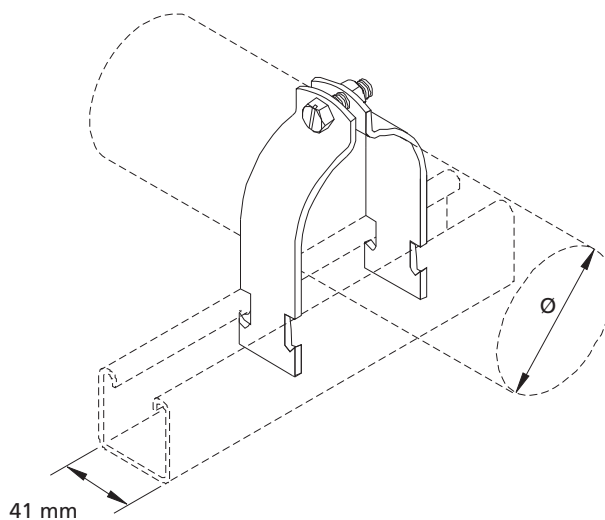


41mm



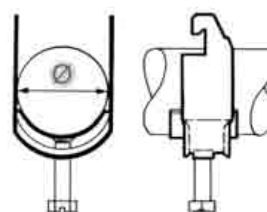
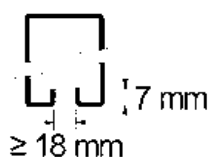
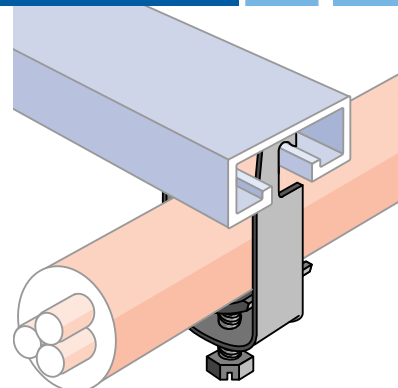


		$\varnothing$ mm		
OD 6-8 mm	598811	6-8	1	100
OD 8-11 mm	598812	8-11	1	100
OD 11-12 mm	598813	11-12	1	100
OD 15-17 mm	598814	15-17	1	100
OD 18-20 mm	598815	18-20	1	100
OD 21-23 mm	598816	21-23	1	100
OD 23-26 mm	598817	23-26	1	100
OD 26-29 mm	598818	26-29	1	100
OD 29-32 mm	598819	29-32	1	100
OD 32-36 mm	598822	32-36	1	50
OD 36-39 mm	598823	36-39	1	50
OD 39-42 mm	598824	39-42	1	50
OD 42-45 mm	598825	42-45	1	50
OD 46-50 mm	598826	46-50	1	50
OD 50-54 mm	598827	50-54	1	50
OD 52-56 mm	598828	52-56	1	50
OD 56-60 mm	598829	56-60	1	50
OD 60-63 mm	598831	60-63	1	50
OD 62-64 mm	598832	62-64	1	50
OD 64-67 mm	598833	64-67	1	50
OD 67-71 mm	598834	67-71	1	50
OD 71-74 mm	598835	71-74	1	25
OD 74-77 mm	598836	74-77	1	25
OD 77-80 mm	598837	77-80	1	25
OD 83-86 mm	598838	83-86	1	25
OD 86-90 mm	598839	86-90	1	25
OD 96-100 mm	598842	96-100	1	25
OD 100-103 mm	598843	100-103	1	25
OD 109-112 mm	598844	109-112	1	25
OD 112-115 mm	598845	112-115	1	25
OD 115-118 mm	598846	115-118	1	25
OD 125-128 mm	598847	125-128	1	25
OD 132-135 mm	598848	132-135	1	25
OD 135-138 mm	598849	135-138	1	25
OD 138-141 mm	598853	138-141	1	25
OD 148-151 mm	598854	148-151	1	25
OD 157-160 mm	598855	157-160	1	25
OD 160-164 mm	598856	160-164	1	25
OD 164-167 mm	598857	164-167	1	25
OD 167-170 mm	598858	167-170	1	25
OD 176-179 mm	598859	176-179	1	25
OD 179-182 mm	598862	179-182	1	25
OD 189-192 mm	598863	189-192	1	25
OD 196-200 mm	598864	196-200	1	25
OD 218-221 mm	598865	218-221	1	25





		Ø mm		
C12EC	337600	6-12	3	100
C16EC	337610	12-16	3	100
C20EC	337620	16-20	3	100
C24EC	337630	20-24	3	100
C28EC	337640	24-28	3	100
C32EC	337650	28-32	3	100
C36EC	337660	32-36	3	100
C40EC	337670	36-40	3	100
C44EC	337680	40-44	3	100
C48EC	337690	44-48	3	100
C52EC	337700	48-52	3	50
C56EC	337710	52-56	3	50
C60EC	337720	56-60	3	50
C64EC	337730	60-64	3	50
C70EC	337740	64-70	3	50
C76EC	337750	70-76	3	25
C82EC	337760	76-82	3	25
C88EC	337770	82-88	3	25
C94EC	337780	88-94	3	25
C100EC	337790	94-100	3	25

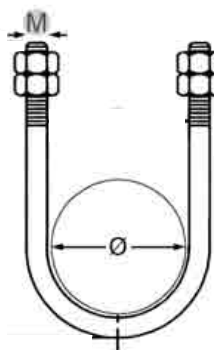


U-BOLT

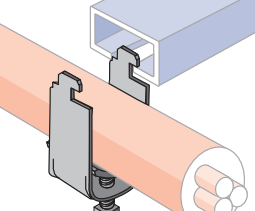


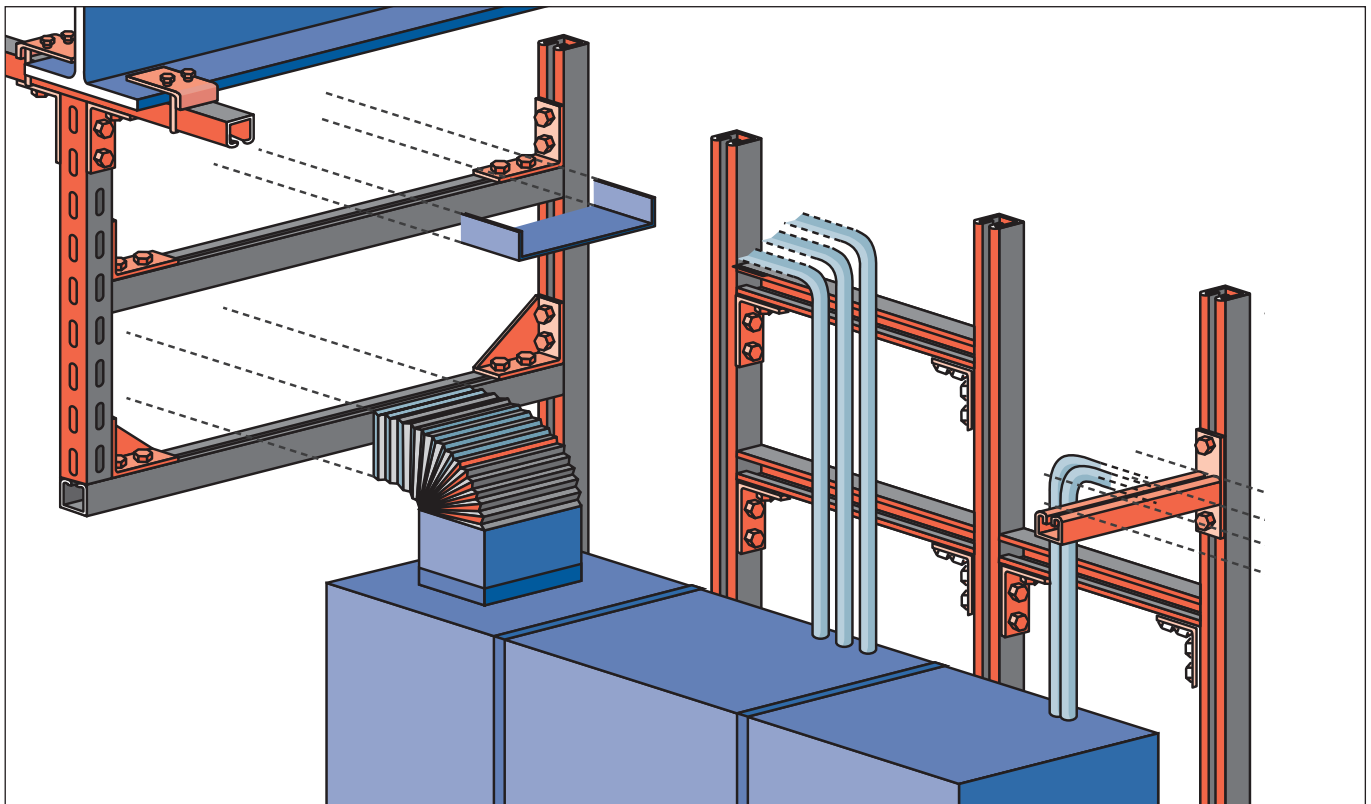
41mm

		M	Ø "	Ø mm		
U-BOLT 1/4"	599100	6	1/4	13	1	100
U-BOLT 3/8"	599110	6	3/8	17	1	100
U-BOLT 1/2"	599120	6	1/2	21	1	100
U-BOLT 3/4"	599130	8	3/4	27	1	100
U-BOLT 1"	599140	8	1	34	1	100
U-BOLT 1 1/4"	599150	8	1 1/4	42	1	100
U-BOLT 1 1/2"	599160	8	1 1/2	49	1	100
U-BOLT 2"	599170	8	2	60	1	50
U-BOLT 2 1/2"	599180	8	2 1/2	76	1	50
U-BOLT 3"	599190	10	3	90	1	50
U-BOLT 4"	599200	10	4	114	1	25
U-BOLT 4 3/4"	599210	10	4 3/4	135	1	25
U-BOLT 5"	599220	12	5	140	1	25
U-BOLT 5 1/2"	599230	14	5 1/2	160	1	10
U-BOLT 6"	599240	14	6	168	1	10
U-BOLT 193mm	599280	16		193	1	10
U-BOLT 8"	599250	16	8	219	1	1
U-BOLT 10"	599260	16	10	273	1	1
U-BOLT 12"	599270	18	12	323	1	1



10. C-PROFILE RANGE

				
124 E0	124 E2	125 C-E0	125 C-E4	126 C-EB



				
127 EB 25	128 PLN	131 APX	133 BF	133 C-FIX M

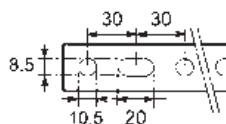
E0L • EO



	N°	L m	P	
E0L 2 m 27 x 18 x 1,25	599996	2	1	10
E0 2 m 27 x 30 x 1,5	599997	2	1	10



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E1



	N°	L m	P	
E1 2 m 30 x 15 x 2	585500	2	1	10



p. 190



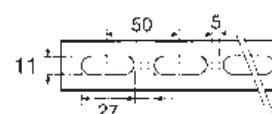
E2L • E2



	N°	L m	P	
E2L 2 m 34 x 20 x 1,5	585480	2	1	10
E2 2 m 34 x 20 x 2,4	585470	2	1	10



p. 191



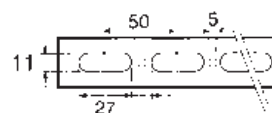
E3



	N°	L m	P	
E3 2 m 35 x 35 x 2	585560	2	1	10
E3 3 m 35 x 35 x 2	585550	3	1	10
E3 6 m 35 x 35 x 2	585540	6	1	10



p. 192



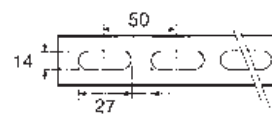
E4



	N°	L m	P	
E4 2 m 38 x 40 x 2	599998	2	1	10
E4 3 m 38 x 40 x 2	600000	3	1	10
E4 6 m 38 x 40 x 2	599999	6	1	10



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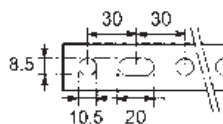
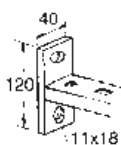
C-E0L



	N°	L m	P	
C-E0L 27 x 18 180 mm	599879	180	1	25
C-E0L 27 x 18 300 mm	599880	300	1	25



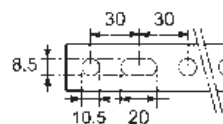
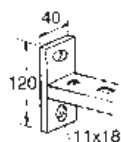
p. 193



C-E0



	N°	L m	P	
C-E0 27 x 30 180 mm	599885	180	1	25
C-E0 27 x 30 240 mm	599890	240	1	25
C-E0 27 x 30 300 mm	599900	300	1	25
C-E0 27 x 30 360 mm	599905	360	1	25
C-E0 27 x 30 420 mm	599910	420	1	10
C-E0 27 x 30 540 mm	599920	540	1	1
C-E0 27 x 30 660 mm	599925	660	1	1
C-E0 27 x 30 780 mm	599930	780	1	1



p. 193



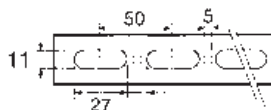
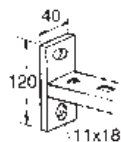
C-E2



	N°	L m	P	
C-E2 34 x 20 200 mm	597500	200	1	20
C-E2 34 x 20 300 mm	597510	300	1	20



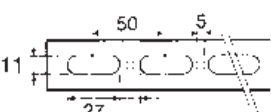
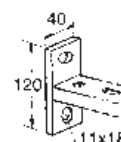
p. 194



C-E3



	N°	L m	P	
C-E3 35 x 35 250 mm	585860	250	1	20
C-E3 35 x 35 500 mm	585870	500	1	10
C-E3 35 x 35 750 mm	585880	750	1	1
C-E3 35 x 35 1000 mm	585890	1000	1	1



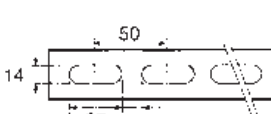
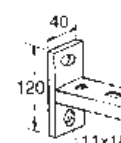
p. 194



C-E4



	N°	L m	P	
C-E4 38 x 40 200 mm	599935	200	1	25
C-E4 38 x 40 250 mm	599940	250	1	25
C-E4 38 x 40 300 mm	599950	300	1	25
C-E4 38 x 40 350 mm	599960	350	1	25
C-E4 38 x 40 450 mm	599970	450	1	10
C-E4 38 x 40 550 mm	599980	550	1	1
C-E4 38 x 40 650 mm	599990	650	1	1
C-E4 38 x 40 800 mm	599995	800	1	1

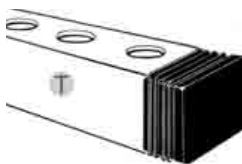


p. 195





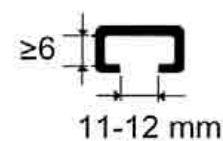
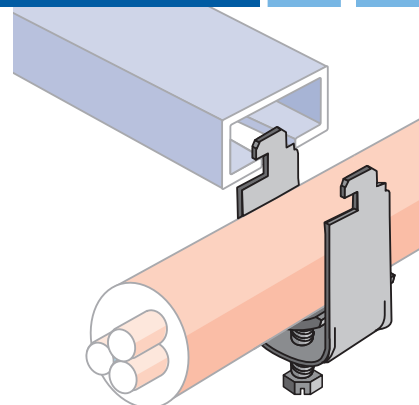
			
ADK E3	585400	11	100
ADK E1	585380	11	100
ADK E0L	313301	11	100
ADK E0	313302	11	100
ADK E4	313303	11	100
ADK E2	313304	11	100



C-EB



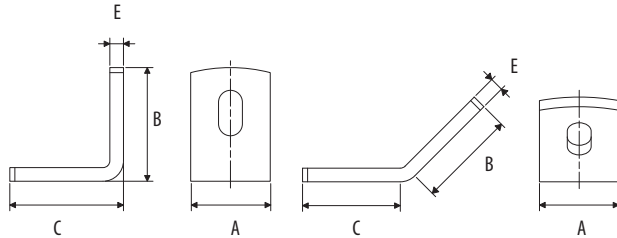
				
C 12EB	338100	6-12	3	250
C 16EB	338110	12-16	3	250
C 20EB	338120	16-20	3	250
C 24EB	338130	20-24	3	250
C 28EB	338140	24-28	3	250
C 32EB	338150	28-32	3	200
C 36EB	338160	32-36	3	200
C 40EB	338170	36-40	3	200
C 44EB	338180	40-44	3	100
C 48EB	338190	44-48	3	100
C 52EB	338200	48-52	3	100
C 56EB	338210	52-56	3	100
C 60EB	338220	56-60	3	100
C 64EB	338230	60-64	3	100
C 70EB	338240	64-70	3	50



EB 25 (E0-E2)



		A mm	B mm	C mm	E mm		
EB25 90°	584660	25	45	45	5	1	25
EB25 135°	584662	25	45	45	5	1	25
EBL25 90°	584666	25	90	90	5	1	25
EBL25 135°	584668	25	90	90	5	1	25



EB25 135°

EB25 90°

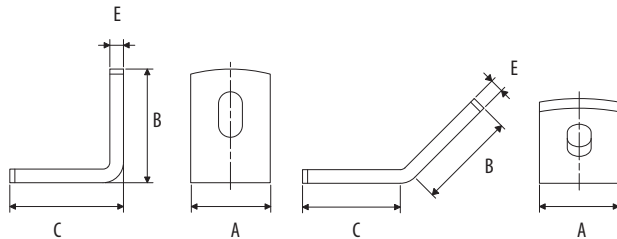
EBL25 135°

EBL25 90°

EB 35 (E2-E4)



		A mm	B mm	C mm	E mm		
EB35 90°	587530	35	50	50	6	1	25
EB35 135°	587500	35	50	50	6	1	25
EBL35 90°	587510	35	85	85	6	1	25
EBL35 135°	587520	35	85	85	6	1	25



EB35 135°

EB35 90°

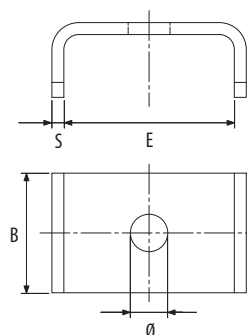
EBL35 135°

EBL35 90°

PL • PLN



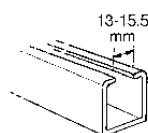
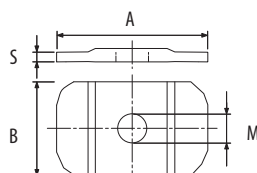
		Ø mm	B mm	S mm	E mm		
PL UNI-10,5	588290	10,5	23	2	40	1	50
PLN E0-8,4 mm	588240	8,5	30	2	28	1	50
PLN E0-10,5 mm	588250	10,5	30	2	28	1	50
PLN E1/E2-8,4 mm	588260	8,5	30	2	31	1	50
PLN E1/E2-10,5 mm	588270	10,5	30	2	31	1	50
PLN E3/E4-8,4 mm	588280	8,5	30	2	39	1	50
PLN E3/E4-10,5 mm	588285	10,5	30	2	39	1	50



ECN (E1)



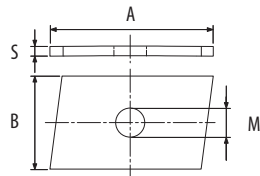
		M mm	A mm	B mm	S mm		
ECN UNI M6	585430	6	24	15	5	1	100
ECN UNI M8	585440	8	24	15	5	1	100
ECN UNI M10	585450	10	24	15	5	1	100



ECN (EOL/E0)



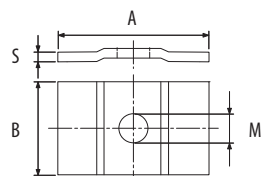
		M mm	A mm	B mm	S mm		
ECN EOL/E0 M6	315370	6	25	14	4	1	100
ECN EOL/E0 M8	315340	8	25	14	4	1	100
ECN EOL/E0 M10	315350	10	25	14	4	1	100



ECN (E2L/E2/E3)



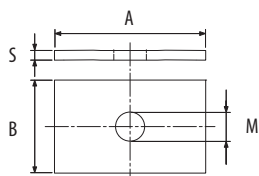
		M mm	A mm	B mm	S mm		
ECN E2L/E2/E3 M6	585250	6	29	13	5	1	100
ECN E2L/E2/E3 M8	585260	8	29	13	5	1	100
ECN E2L/E2/E3 M10	585270	10	29	13	5	1	100



ECN (E4)



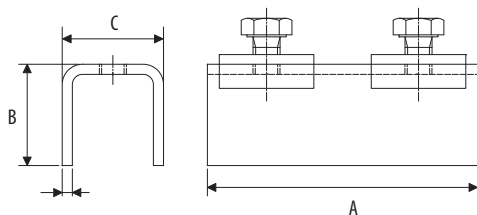
		M mm	A mm	B mm	S mm		
ECN E4 M8	315330	6	30	23	6	1	100
ECN E4 M10	315360	8	30	23	6	1	100



RAC E3



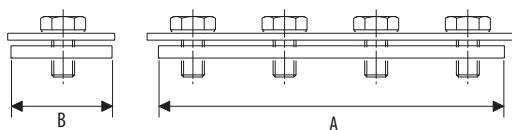
		A mm	B x C mm		
RAC E3	585780	80	30 x 30	1	5



RAC E0/E4

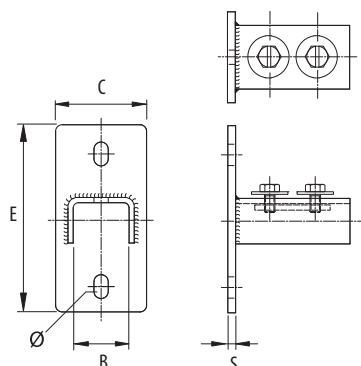


		A mm	B mm		
RAC E0	588720	115	23	1	50
RAC E4	588725	155	30	1	25

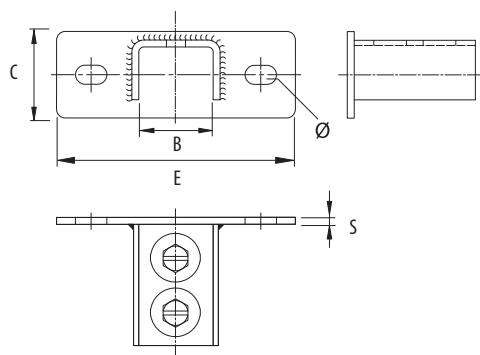




		B mm	C mm	E mm	S mm	Ø mm		
APX E0L/E0/E1	584715	31	50	114	5	12 x 19	1	10
APX E2L/E2/E3	584710	36	50	114	5	12 x 19	1	10
APX E4	584725	43	70	144	5	12 x 19	1	10



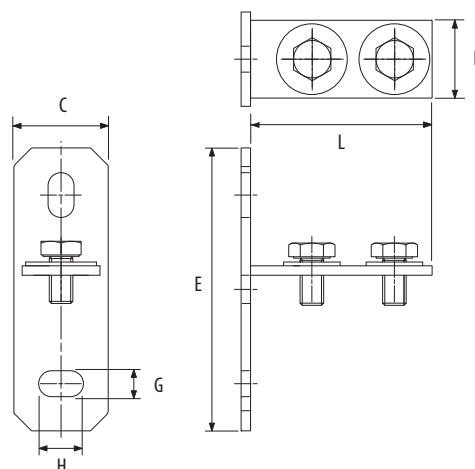
		B mm	C mm	E mm	S mm	Ø mm		
APY E0L/E0/E1	584758	31	40	124	5	12 x 19	1	10
APY E2L/E2/E3	584740	36	40	124	5	12 x 19	1	10
APY E4	584751	43	50	144	5	12 x 19	1	10



SH-SG (E0/E4)



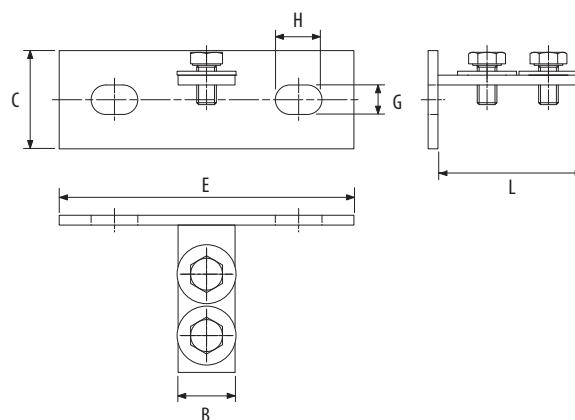
		C mm	E mm	G x H mm	L x B mm		
SH-SG E0	584670	40	120	11 x 19	55 x 24	1	10
SH-SG E4	584671	40	120	11 x 19	80 x 33	1	10



SH-LG (E0/E4)

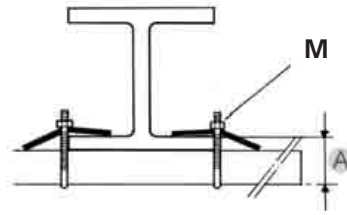


		C mm	E mm	G x H mm	L x B mm		
SH-LG E0	584672	40	120	11 x 19	55 x 24	1	10
SH-LG E4	584673	40	120	11 x 19	80 x 33	1	10





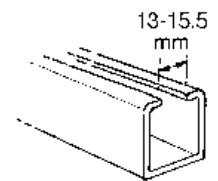
		A mm	M		
BF E0-E3 M6	585120	50	6	1	50
BF E4 M8	585110	50	8	1	50



C-FIX



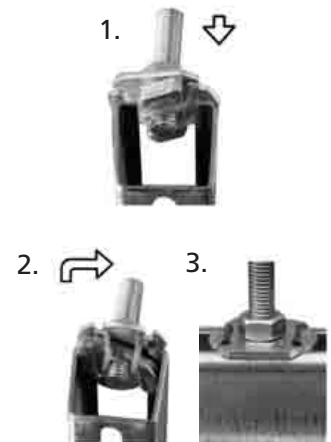
					
C-FIX M6	584500	1	100	100	300
C-FIX M8	584510	1	100	100	300
C-FIX M10	584520	1	100	100	300



C-FIX M

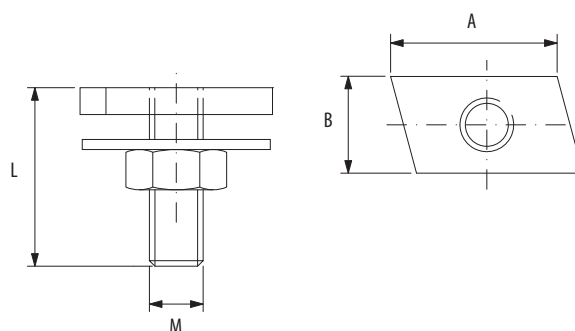


					
C-FIX M8x30	584530	1	100	100	300
C-FIX M8x40	584540	1	100	100	300
C-FIX M8x60	584550	1	100	100	300
C-FIX M8x80	584480	1	100	100	300
C-FIX M8x100	584490	1	50	100	300
C-FIX M8x120	584630	1	50	100	300
C-FIX M8x150	584580	1	50	100	300
C-FIX M10x40	584560	1	100	100	300
C-FIX M10x60	584570	1	100	100	300
C-FIX M10x80	584640	1	100	100	300
C-FIX M10x100	584650	1	50	100	300

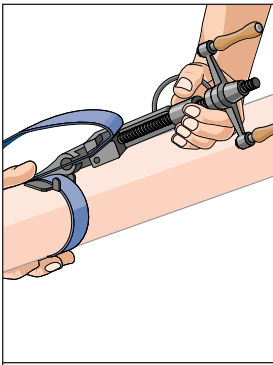
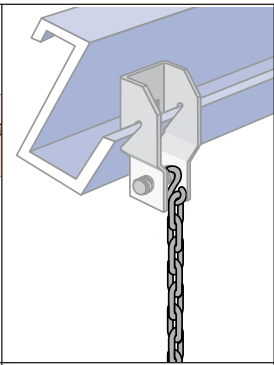
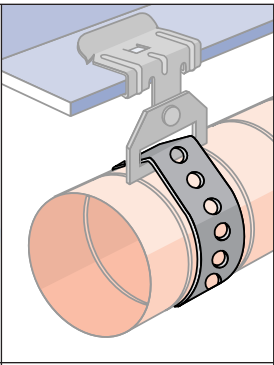


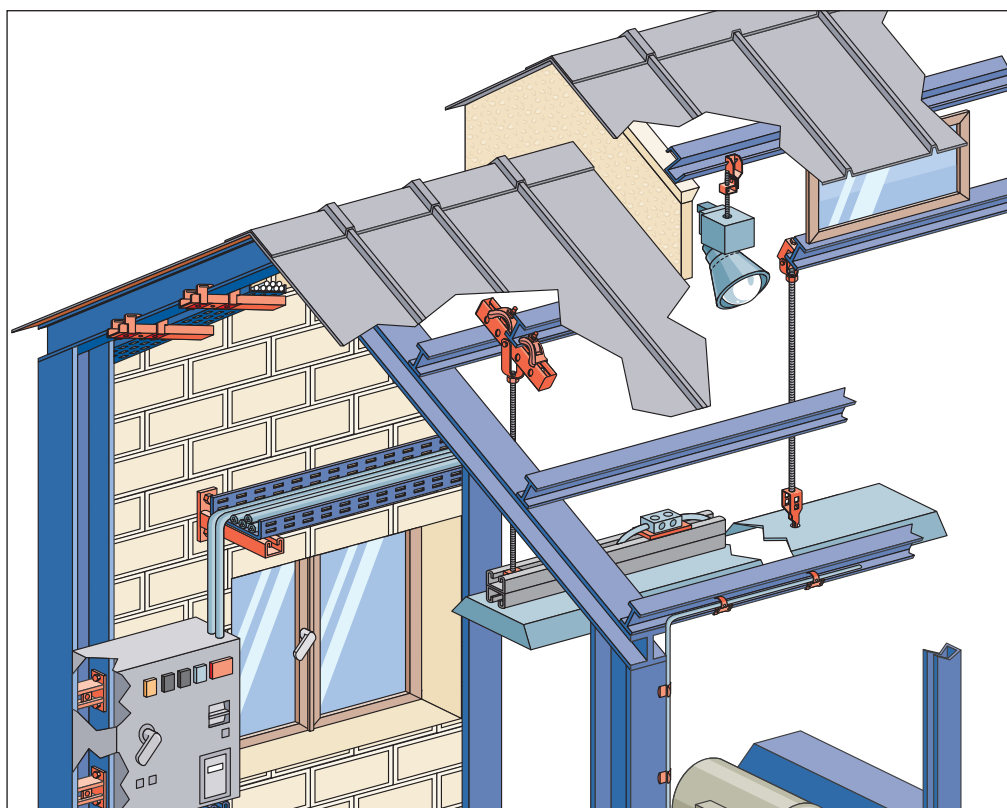


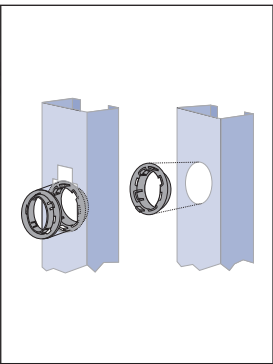
			$\varnothing$ M x L	A x B mm		
KP 8x30	585050	E2L/E2/E3	8 x 30	29 x 13	1	100
KP 8x40	585000	E2L/E2/E3	8 x 40	29 x 13	1	100
KP 8x50	585060	E2L/E2/E3	8 x 50	29 x 13	1	100
KP 8x60	585010	E2L/E2/E3	8 x 60	29 x 13	1	100
KP 10x30	585020	E2L/E2/E3	10 x 30	29 x 13	1	100
KP 10x40	585030	E2L/E2/E3	10 x 40	29 x 13	1	100
KP 10x60	585040	E2L/E2/E3	10 x 60	29 x 13	1	100
KP27 M8x20	590074	E0L/E0/E1	8 x 20	25 x 14	1	100
KP27 M8x25	590075	E0L/E0/E1	8 x 25	25 x 14	1	100
KP27 M8x30	590076	E0L/E0/E1	8 x 30	25 x 14	1	100
KP27 M8x40	590077	E0L/E0/E1	8 x 40	25 x 14	1	100
KP27 M8x50	590078	E0L/E0/E1	8 x 50	25 x 14	1	100
KP27 M8x60	590079	E0L/E0/E1	8 x 60	25 x 14	1	100
KP27 M8x80	590082	E0L/E0/E1	8 x 70	25 x 14	1	100
KP27 M8x100	590083	E0L/E0/E1	8 x 80	25 x 14	1	50
KP27 M10x30	590087	E0L/E0/E1	10 x 30	25 x 14	1	100
KP27 M10x35	590088	E0L/E0/E1	10 x 35	25 x 14	1	100
KP27 M10x50	590089	E0L/E0/E1	10 x 35	25 x 14	1	100
KP38 M8x25	590201	E4	8 x 25	30 x 23	1	100
KP38 M8x35	590200	E4	8 x 35	30 x 23	1	100
KP38 M8x40	590210	E4	8 x 40	30 x 23	1	100
KP38 M8x50	590202	E4	8 x 50	30 x 23	1	100
KP38 M8x80	590203	E4	8 x 80	30 x 23	1	100
KP38 M8x100	590204	E4	8 x 100	30 x 23	1	50
KP38 M10x35	590207	E4	10 x 35	30 x 23	1	100
KP38 M10x50	590330	E4	10 x 50	30 x 23	1	100
KP38 M10x80	590208	E4	10 x 80	30 x 23	1	100



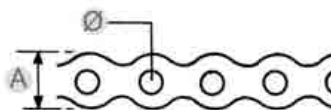
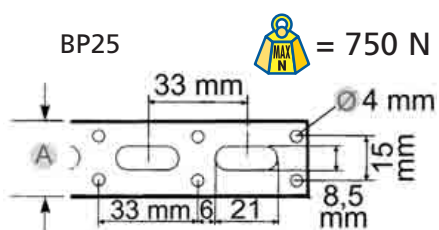
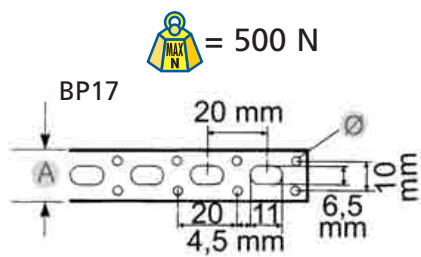
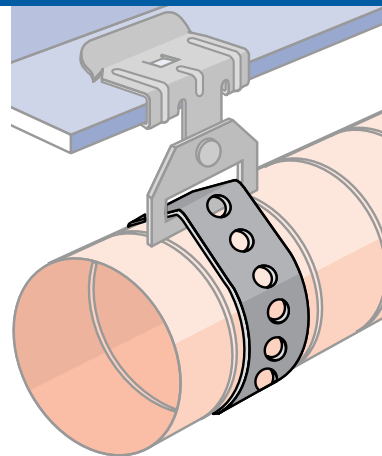
11. INSTALLATION ACCESSORIES

				
137 FIXOBAND TOOL	139 CHN	141 ISN	136 ABP	145 RING

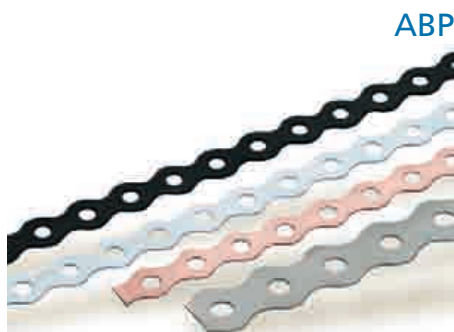


				
145 RING PLUS	146 MFV	147 CA	149 TSGB	150 ESG 1

		A mm	Ø mm		
BP17	591350	17 x 0,6	4	1	25 m
BP25	591360	25 x 0,8	4	1	25 m
ABP12G	583920	12 x 0,8	5	1	10 m
ABP17G	583930	17 x 0,8	7	1	10 m
ABP26G	583940	26 x 1	8	1	10 m
ABP12Cu	583970	12 x 0,8	5	Cu	10 m
ABP17Cu	583980	17 x 0,8	7	Cu	10 m
ABP26Cu	583990	26 x 1	8	Cu	10 m
ABP12PL	584160	12 x 0,8	5	3+PL	10 m
ABP17PL	584170	17 x 0,8	7	3+PL	10 m
ABP26PL	584180	26 x 1	8	3+PL	10 m



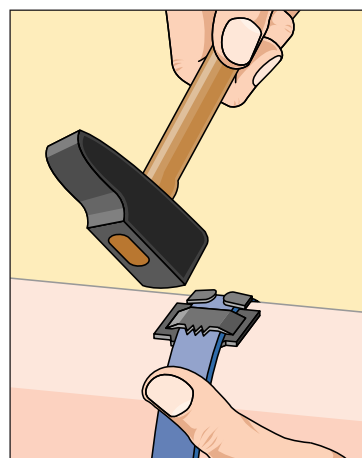
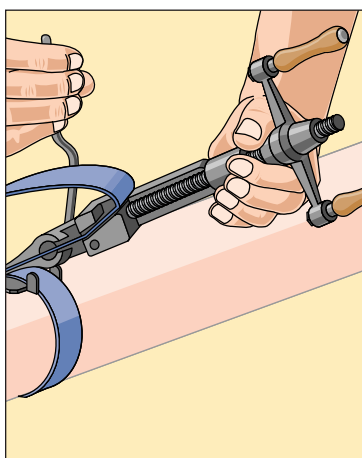
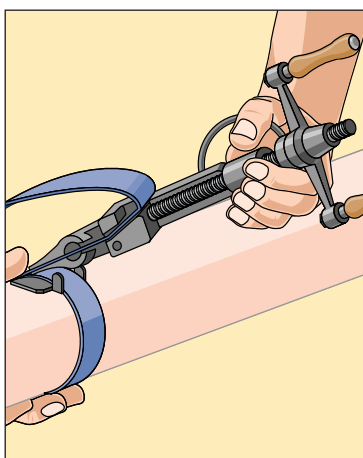
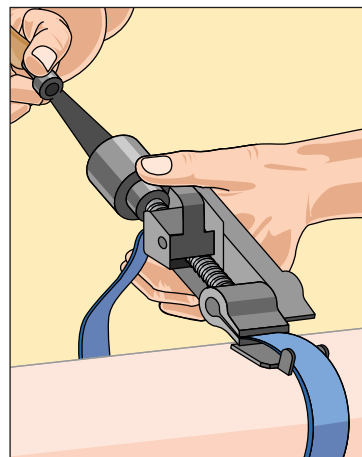
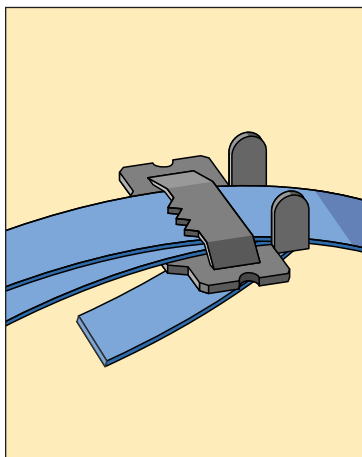
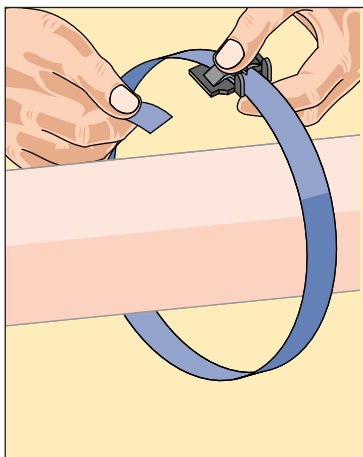
BP



ABP



			
TOOL	591290	-	1



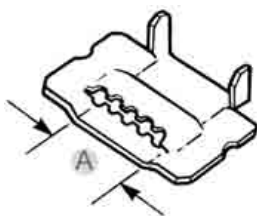
FEI

			A mm		
FEI10		591200	10	2	50 m
FEI12		591210	12,7	2	50 m
FEI16		591220	16	2	50 m
FEI20		591230	20	2	50 m



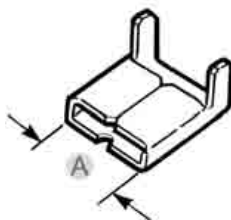
CEI

			A mm		
CEI10		591070	10	2	100
CEI20		591080	20	2	100



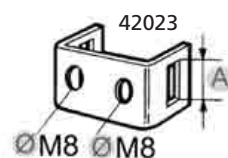
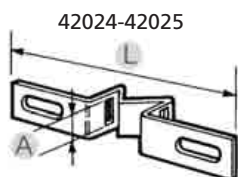
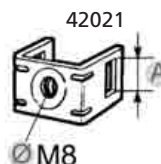
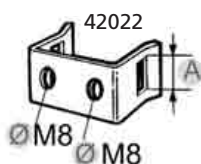
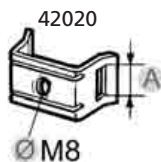
BEI

			A mm		
BEI10		591250	10	2	100
BEI12		591260	12,7	2	100
BEI16		591270	16	2	100
BEI20		591280	20	2	100



42000-2

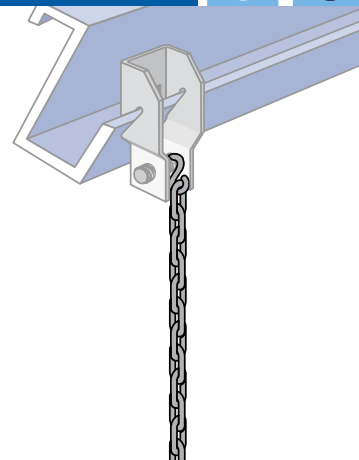
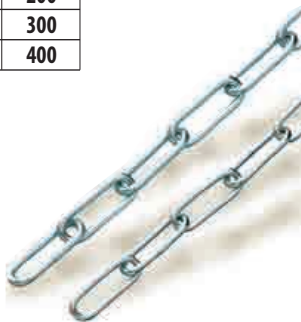
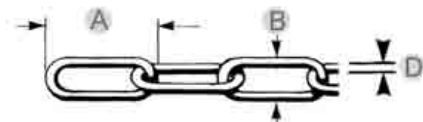
			L mm	A mm		
42020		350100		20	2	100
42021		350110		20	2	100
42022		350120		20	2	100
42023		350130		20	2	100
42024		350140	140	20	2	100
42025		350150	90	20	2	100



CHN



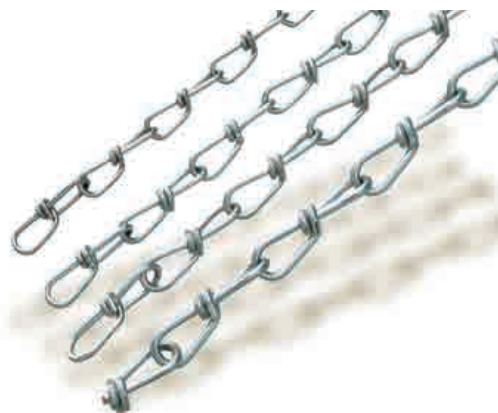
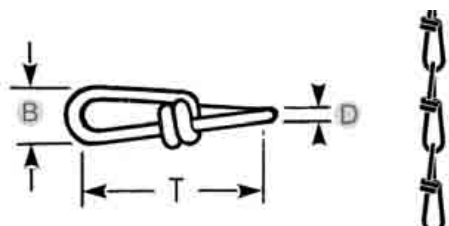
	N°	A x B mm	D mm	P		
CHN13K	386780	16 x 8	2,0	1	30 m	200
CHN15K	385910	29 x 10	2,5	1	30 m	300
CHN17K	385920	32 x 12	3,0	1	30 m	400



CHK

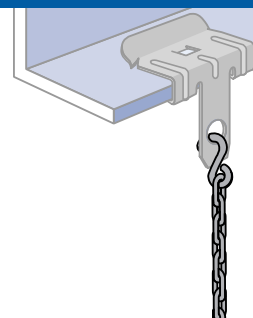


	N°	B mm	D mm	T mm	P		
CHK22K	385860	9	2,0	28	1	30 m	400
CHK25K	385870	10	2,2	31	1	30 m	500
CHK27K	385880	11	2,5	35	1	30 m	700
CHK30K	385890	12,5	2,8	39	1	30 m	900
CHK32K	385900	14	3,1	41	1	25 m	1200



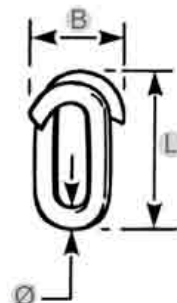
S

	N°	Ø mm	P		
S30	591570	3	1	100	120
S40	591580	4	1	100	250
S50	591590	5	1	100	400



KN

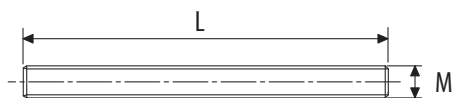
	N°	B mm	L mm	Ø mm	P		
KN30	380050	12,5	16,5	3	1	100	370
KN40	380060	16,0	20,0	4	1	100	550
KN50	380070	20,0	23,0	5	1	100	950



TFZ



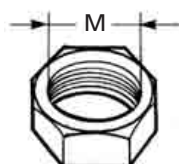
	N°	M	L mm	P	
1TFZ6	592570	M6	1	1	100
2TFZ6	592580	M6	2	1	50
3TFZ6	592650	M6	3	1	50
1TFZ8	592590	M8	1	1	50
2TFZ8	592600	M8	2	1	25
3TFZ8	592660	M8	3	1	25
1TFZ10	592610	M10	1	1	25
2TFZ10	592620	M10	2	1	25
3TFZ10	592670	M10	3	1	25
1TFZ12	592630	M12	1	1	25
2TFZ12	592640	M12	2	1	20
3TFZ12	592680	M12	3	1	20



HM



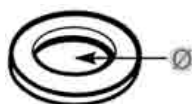
	N°	M mm	P	
HM6	592040	M6	1	100
HM8	592050	M8	1	100
HM10	592060	M10	1	100
HM12	592070	M12	1	100



MU



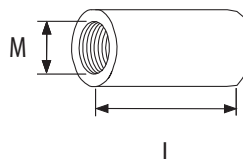
	N°	Ø mm	P	
MU06	592390	6	1	100
MU08	592400	8	1	100
MU10	592410	10	1	100
MU12	592420	12	1	100



EM



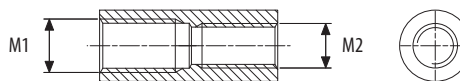
	N°	M	L mm	P	
EM6	592300	M6	30	1	100
EM8	592310	M8	30	1	100
EM10	592320	M10	30	1	100
EM12	592330	M12	30	1	100



RFF



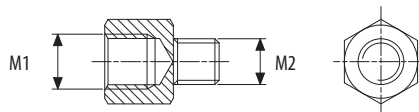
	N°	M1 x M2	P	
RFF 8-10	583870	M8 x M10	1	100
RFF 8-12	583880	M8 x M12	1	100
RFF 10-12	583890	M10 x M12	1	100



RMF



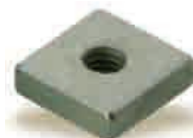
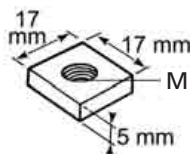
		M1 x M2		
RMF 6-8	583710	M6 x M8	1	100
RMF 8-6	583720	M8 x M6	1	100
RMF 8-10	583730	M8 x M10	1	100
RMF 8-12	583740	M8 x M12	1	100
RMF 10-8	583750	M10 x M8	1	100
RMF 10-12	583760	M10 x M12	1	100
RMF 12-8	583770	M12 x M8	1	100
RMF 12-10	583780	M12 x M10	1	100



VKM



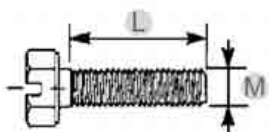
		M mm		
VKM6	187310	M6	7	100
VKM8	187320	M8	7	100
VKM10	187330	M10	7	100



THMF



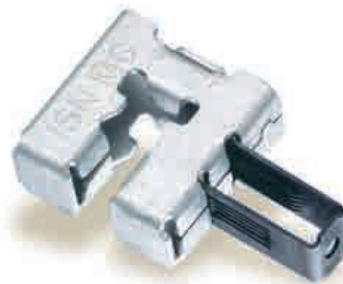
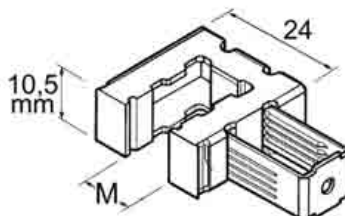
		M	L mm		
THMF 8x16	592850	M8	16	1	100
THMF 10x25	592860	M10	25	1	100
THMF 10x30	592870	M10	30	1	100



ISN

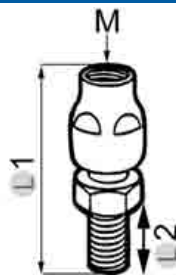


		M			
ISNM6	187340	M6	1	50	750
ISNM8	187350	M8	1	50	1000
ISNM10	187360	M10	1	50	1000

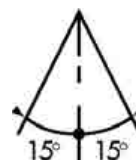
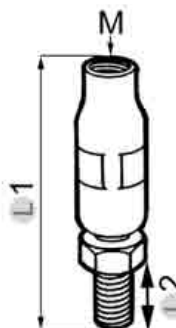


RTU

		M	L 1 mm	L 2 mm			
RTUM8C	583580	M8 x 15	56	15	1	100	2500
RTUM10C	583590	M10 x 18	75	18	1	100	2500

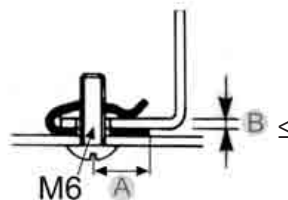


		M	L 1 mm	L 2 mm			
RTUM8L	583600	M8 x 15	66	15	1	100	2500
RTUM10L	583610	M10 x 18	85	18	1	100	2500
RTUM12L	583620	M12 x 20	95	20	1	100	2500
RTUM10L30	583630	M10 x 30	85	30	1	100	2500
RTUM10L60	583640	M10 x 60	115	60	1	100	2500



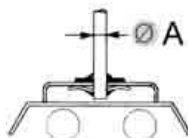
T4

		A mm	B mm			
T4	177450	10,5	3,2	7	100	400



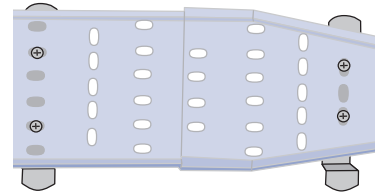
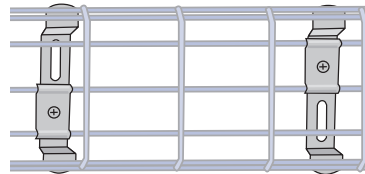
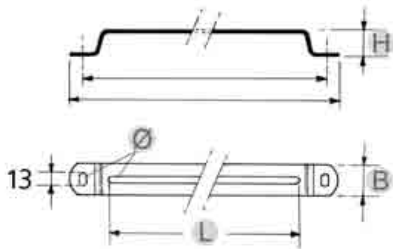
MEBN

		A mm		
4MEBN	172100	4	7	100
6MEBN	172120	6	7	100
8MEBN	172130	8	7	100
10MEBN	172140	10	7	100





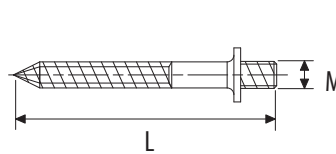
		L mm	B mm	H mm	Ø mm		
ECTB1	175640	64	38	25	6,5	1	50
ECTB2	175650	127	38	25	6,5	1	50
ECTB3	175660	225	38	25	6,5	1	20
ECTB4	175670	298	38	25	6,5	1	20
ECTB5	175950	460	38	25	6,5	1	20



VDF-C



		M x L		
VDF 8x40C	583850	8 x 40	1	100
VDF 8x50C	593320	8 x 50	1	100
VDF 10x45C	583860	10 x 45	1	100

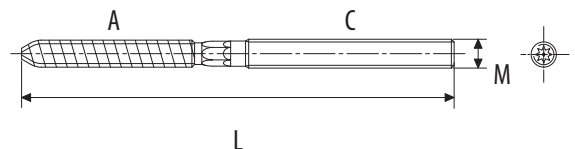


VDF



TORX®

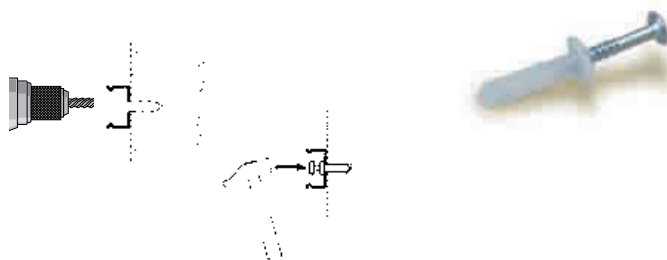
		M x L mm	A mm	C mm		
VDF 8x50	593270	8 x 50	40	10	1	100
VDF 8x60	593280	8 x 60	30	20	1	100
VDF 8x70	593290	8 x 70	30	25	1	100
VDF 8x80	593300	8 x 80	40	30	1	100
VDF 8x100	593310	8 x 100	40	40	1	100
VDF 8x120	593400	8 x 120	50	50	1	100
VDF 8x150	593410	8 x 150	45	50	1	100
VDF 8x200	593420	8 x 200	50	50	1	100
VDF 10x50	593560	10 x 50	30	18	1	100
VDF 10x60	593330	10 x 60	30	18	1	100
VDF 10x80	593340	10 x 80	40	30	1	100
VDF 10x100	593350	10 x 100	60	30	1	100
VDF 10x110	593360	10 x 110	60	40	1	100
VDF 10x120	593370	10 x 120	60	50	1	100
VDF 10x150	593570	10 x 150	60	50	1	100
VDF 10x200	593580	10 x 200	60	50	1	100



CTF



					
CTF 5 x 25	571310	M x L	Ø mm	P	
		5 x 25	5	1+5	200



FPN



				
FPN5	570700	Ø mm	P	
		5	5	100
FPN6	570710	6	5	100
FPN8	570720	8	5	100
FPN10	570730	10	5	50
FPN12	570740	12	5	25



UPN



				
UPN6	570750	Ø mm	P	
		6	5	100
UPN8	570760	8	5	50
UPN10	570770	10	5	50
UPN12	570780	12	5	50



NPN



					
NPN530	570790	Ø mm	M x L	P	
		5	5 x 30	1+5	100
NPN640	570800	6	6 x 40	1+5	100
NPN660	570810	6	6 x 60	1+5	100
NPN680	570820	6	6 x 80	1+5	100
NPN860	570830	8	8 x 60	1+5	100
NPN880	570840	8	8 x 80	1+5	100
NPN8100	570850	8	8 x 100	1+5	100
NPN8120	570860	8	8 x 120	1+5	100



RING FRF



	Nº	Ø	Ø mm	P	
RING FRF 014 /1	571130	1 x 14	8	5	100
RING FRF 016 /1	571140	1 x 16	8	5	100
RING FRF 018 /1	571150	1 x 18	8	5	100
RING FRF 020 /1	571160	1 x 20	8	5	100
RING FRF 022 /1	571170	1 x 22	8	5	100
RING FRF 025 /1	571180	1 x 25	8	5	100
RING FRF 028 /1	571190	1 x 28	8	5	100
RING FRF 016 /2	571200	2 x 16	8	5	100
RING FRF 018 /2	571210	2 x 18	8	5	100
RING FRF 020 /2	571220	2 x 20	8	5	100
RING FRF 022 /2	571230	2 x 22	8	5	100
RING FRF 025 /2	571240	2 x 25	8	5	100
RING FRF 028 /2	571250	2 x 28	8	5	50
RING FRF 020 /4	571260	4 x 20	8	5	50



RING PLUS



	Nº	Ø	Ø mm	P	
RING PLUS FRF 16	571550	16	8	5	100
RING PLUS FRF 20	571560	20	8	5	100
RING PLUS FRF 25	571570	25	8	5	100



MTSB • MTSB



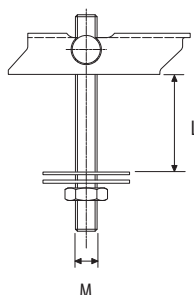
	Nº	M x L mm	P	
MTSB3	584400	M3 x 85	1	100
MTSB4	584410	M4 x 90	1	50
MTSH3	584420	M3 x 70	1	50
MTSH4	584430	M4 x 70	1	50



MTGB • MTGH



	Nº	M x L mm	P	
MTGB8	584440	M8 x 100	1	100
MTGH8	584450	M8 x 90	1	50



MTVB



		M x L mm		
MTVB8(VdS)	584455	M8 x 100	1	25
MTVB10(FM)	584465	M10 x 100	1	25

VdS

FM



MTGD



		M x L mm		
MTGD10	584460	M10 x 95	1	25



PWM • PWN



		 Ø x L mm		
PWM	571270	40-50	1	100
PWMS	571280		1	100
PWN	571290	40-50	1+5	100
PWNS	571300		5	100

PWN

PWNS

PWM

PWMS



MFV



		 Ø mm	 Ø x L		
MFV433	571460	10	4 x 33	1	100
MFV537	571470	12	5 x 37	1	100
MFV550	571480	12	5 x 50	1	100
MFV565	571490	12	5 x 65	1	100
MFV640	571500	12	6 x 40	1	100
MFV650	571510	12	6 x 50	1	100



MFT



			
MFT1	571520	1	1
MFT2	571530	1	1

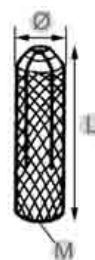
MFT1



CL



	N°	Ø	M	L	P	
CL6	593090	8	M6	30	Cu	100
CL8	593100	11	M8	40	Cu	100
CL10	593110	13	M10	40	Cu	100

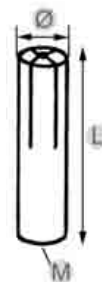


CA



	N°	Ø	M	L	P	
CA6	593180	8	M6	30	1	100
CA8	593190	10	M8	30	1	100
CA10	593200	12	M10	40	1	50

	N°	
H6	593150	
H8	593160	
H10	593170	



M6-M12



M8-M10



M10



CF

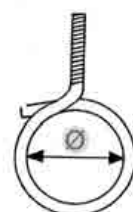


	N°	Ø	M mm	L	P	
CF8	593210	10	8	38	1	100
CF10	593220	12	10	60	1	100



GR • BR

	N°	Ø mm	M/mm	P	
GR50	172920	50	M6	1	100
BR50	172910	50	4	1	100



GR



BR



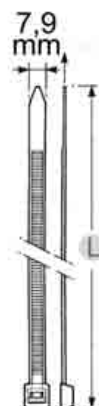
PTB

	N°	Ø mm	M	P	
PTBM6	172921	12	M6	1	100
PTBM8	172922	16	M8	1	100



TRN

	N°	L mm	Ø max mm	P	
TRN200N	188110	200	48	10	100
TRN290N	188130	290	75	10	100
TRN370N	188150	370	100	10	100
TRN200B	188120	200	48	10	100
TRN290B	188140	290	75	10	100
TRN370B	188160	370	100	10	100



Mille-Tie™

	N°	P	
CATMTLS	181995	11	10 x 100



Mille-Tie is a trademark of Millepede International Ltd.

OSM

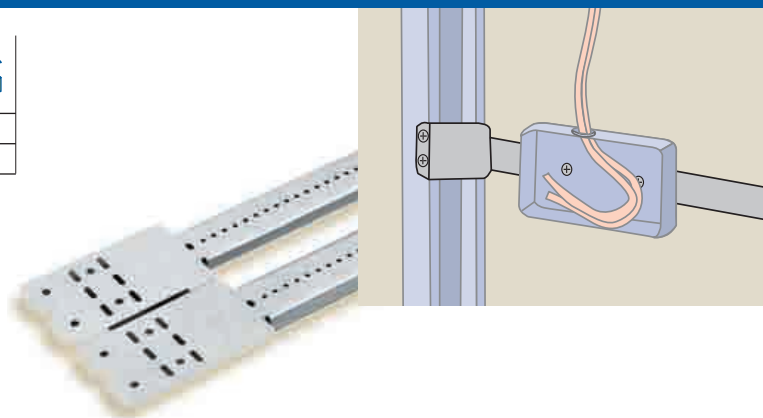


	N°	Ø mm	M	P	
OSM8x25	336050	12	M8	1	100
OSM10x30	336060	14	M10	1	100



TSGB 16 • TSGB 24

		L "	L mm		
TSGB 16	187190	11-18	280-458	1	50
TSGB 24	187191	17-26	432-660	1	50



TPC 112 • TPC 238

		D "	D mm		
TPC 112	187192	3/8-11/8	9-28	5	50
TPC 238	187193	5/8-23/8	16-61	5	50



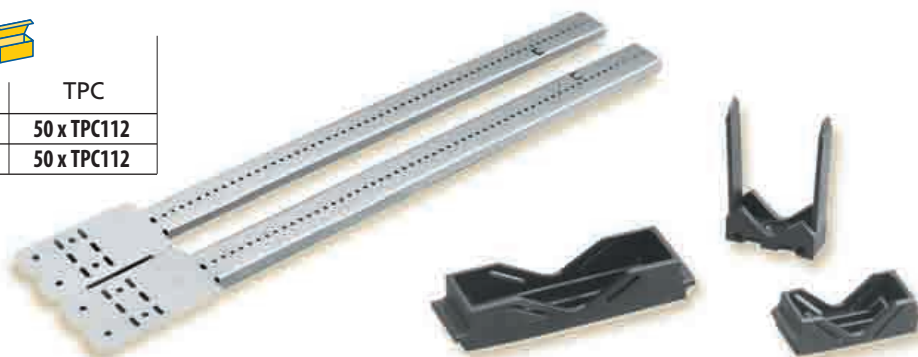
SMS 8

		M x L mm		
SMS 8	187197	4 x 12	1	1000



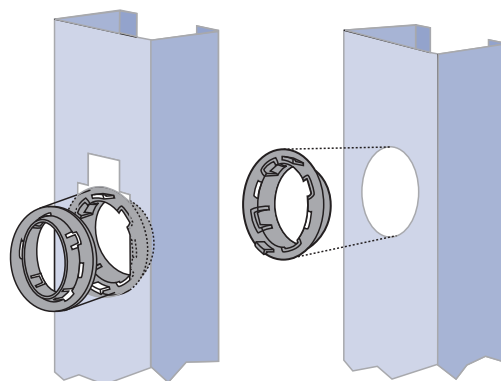
TSGB KIT

			TSGB	TPC
TSGB16112	187194		25 x TSGB16	50 x TPC112
TSGB24112	187195		25 x TSGB24	50 x TPC112



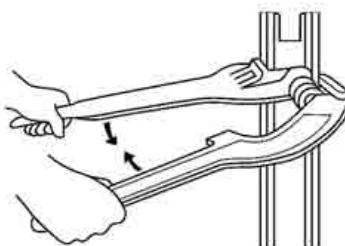
ESG1

			
ESG1	188470	13	100



MSP20

		
MSP20	188480	1



12. STAINLESS STEEL

				
152 SL-2	152 H-2	154 H-CTB-2	155 EM-2	157 C-2



				
157 CR-2	160 6000-2	161 TMN-2	164 CAC-2	168 APX-2

CADDY® SPEED LINK LD



	N°	Ø mm	L m	P		
CADDY SPEED LINK SLD15L2S	195935	1,5	2	2	100 (2 x 50)	200
CADDY SPEED LINK SLD15L5S	195940	1,5	5	2	100 (2 x 50)	200
CADDY SPEED LINK SLD15L10S	195945	1,5	10	2	100 (2 x 50)	200

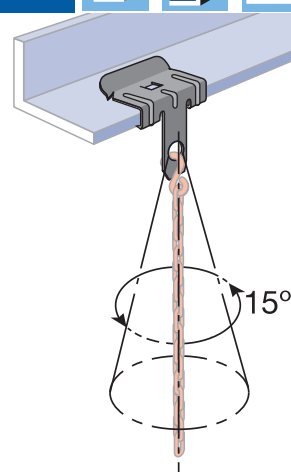
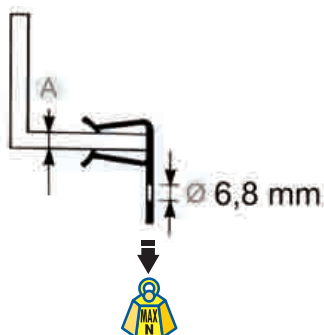
p. 176-178



H-2



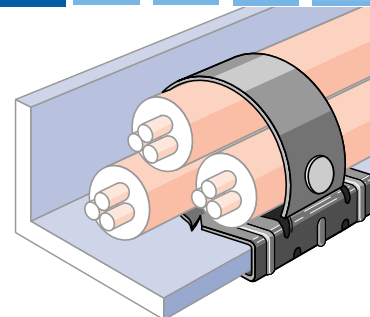
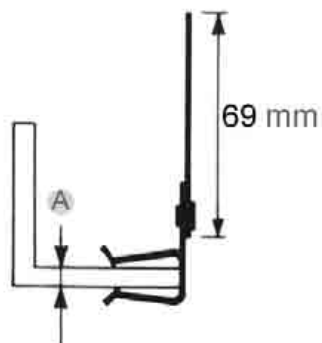
	N°	A mm	P		
4H24-2	179610	3-8	2	100	650
4H58-2	179620	8-14	2	100	650
4H912-2	179630	14-20	2	100	650



H-ST-2



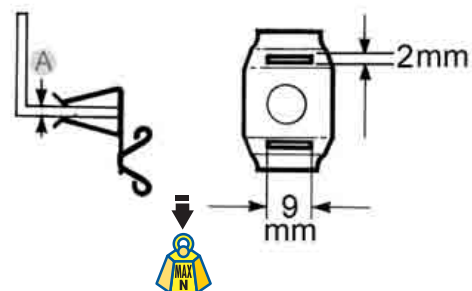
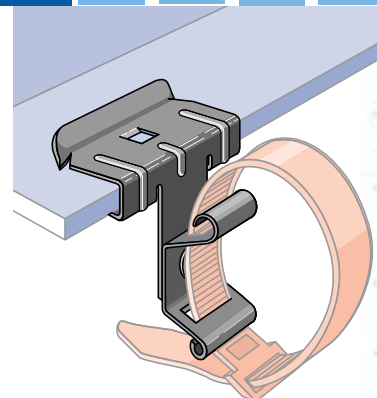
	N°	A mm	P	
4H24ST3-2	171480	3-8	2	100
4H58ST3-2	171540	8-14	2	100
4H912ST3-2	171550	14-20	2	100



H-CT-2



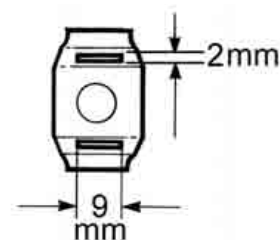
		A mm			
4H24CT-2	160500	3-8	2	100	150
4H58CT-2	170430	8-14	2	100	150
4H912CT-2	170700	14-20	2	100	150



CT-2



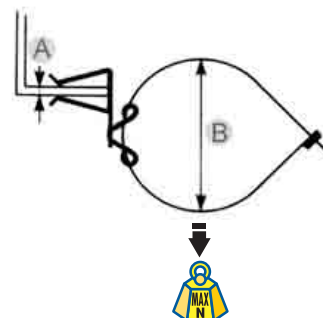
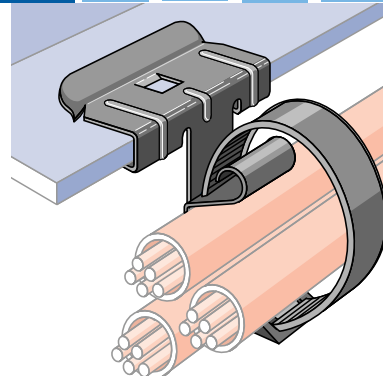
			
CT-2	171600	2	100



H-CTB-2



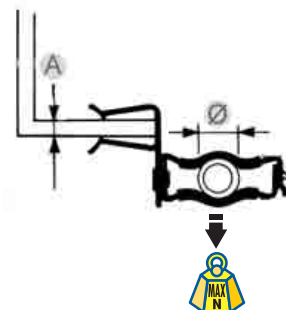
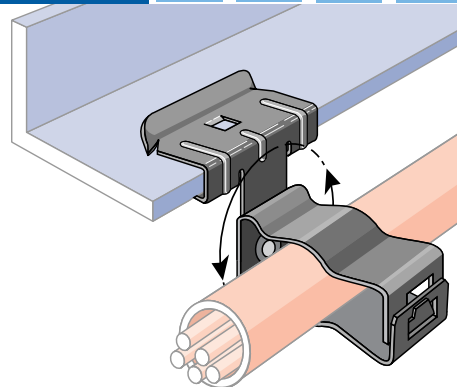
		A mm	B mm			
4H24CTBR-2	170280	3-8	25-51	2	100	300
4H58CTBR-2	170300	8-14	25-51	2	100	300
4H912CTBR-2	170310	14-20	25-51	2	100	300



H-MSM-2



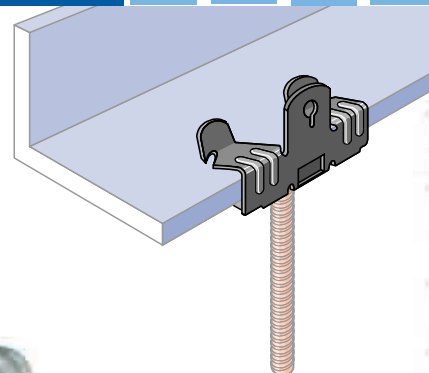
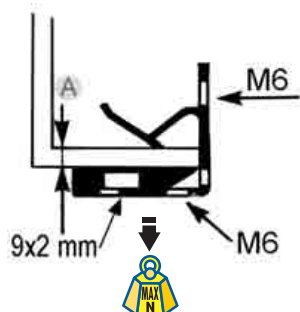
		A mm	Ø mm			
8M24SM-2	179650	3-8	18-22	2	100	90
8M58SM-2	179660	8-14	18-22	2	100	90
8M912SM-2	179670	14-20	18-22	2	100	90
12M24SM-2	179690	3-8	22-30	2	100	90
12M58SM-2	179700	8-14	22-30	2	100	90
12M912SM-2	179710	14-20	22-30	2	100	90



EM-2



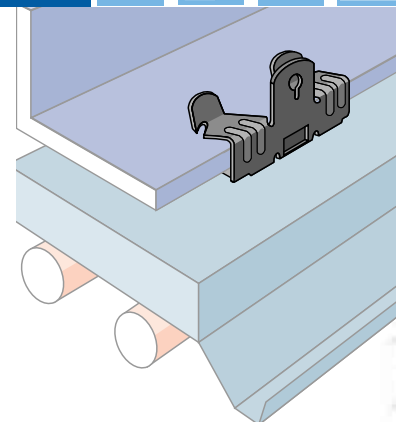
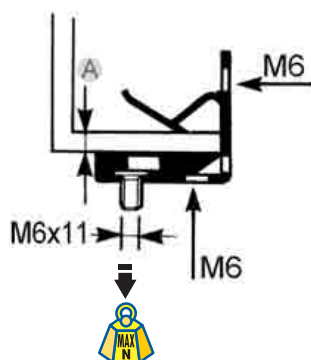
		A mm			
EM24-2	179720	3-8	2	100	200
EM58-2	179730	8-14	2	100	200
EM912-2	179740	14-20	2	100	200



EM-SM-2



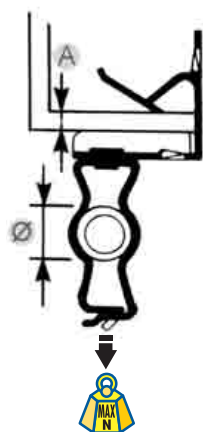
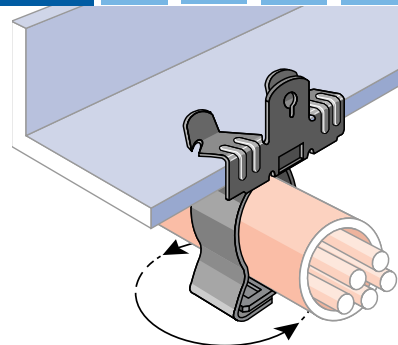
		A mm			
EM24SM-2	179750	3-8	2	100	200
EM58SM-2	179760	8-14	2	100	200
EM912SM-2	179770	14-20	2	100	200



EM-M-2



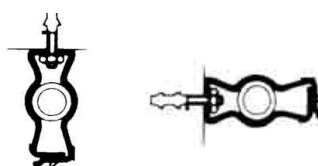
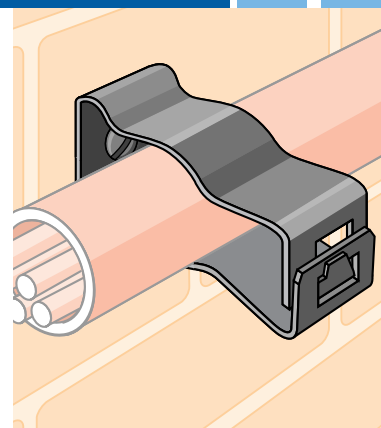
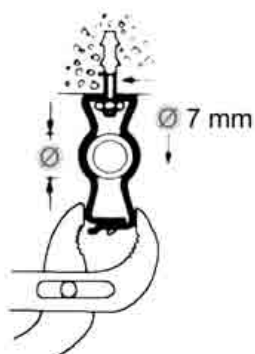
		A mm	Ø mm			
8EM24-2	179780	3-8	18-22	2	100	200
8EM58-2	179790	8-14	18-22	2	50	200
8EM912-2	179800	14-20	18-22	2	50	200
12EM24-2	179810	3-8	22-30	2	50	200
12EM58-2	179820	8-14	22-30	2	50	200
12EM912-2	179830	14-20	22-30	2	50	200



M-2



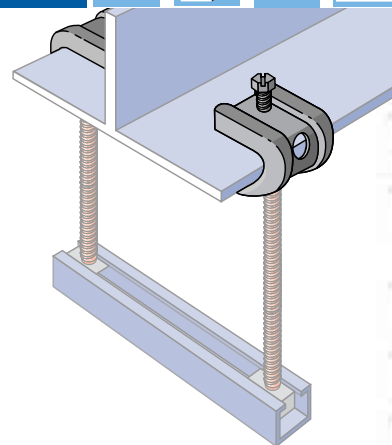
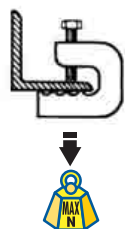
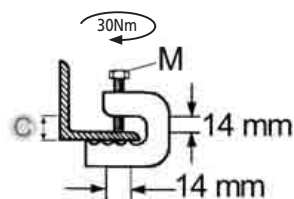
		Ø mm		
8M-2	179900	18-22	2	100
12M-2	179910	22-30	2	100



C-2

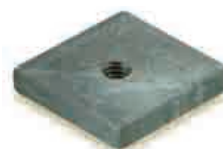
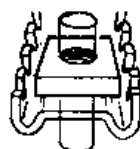


		N°	C mm	M mm	P		
C20-2		336130	20	6 x 25	2	100	1100
C30-2		336140	30	8 x 30	2	100	1100
C45-2		336150	45	8 x 30	2	50	1100



SM/SPP-2

		N°	M mm	P	
SM6-2		336180	6	2	100
SM8-2		336190	8	2	100



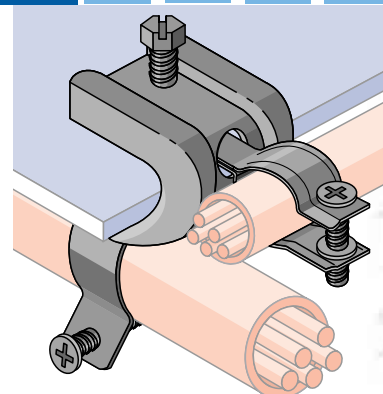
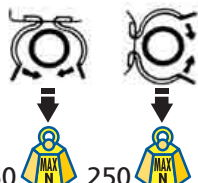
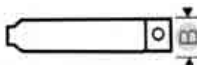
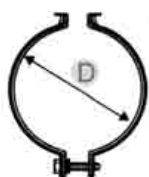
SPP 6-2		336220	6	2	100
SPP 8-2		336230	8	2	100



CR-2

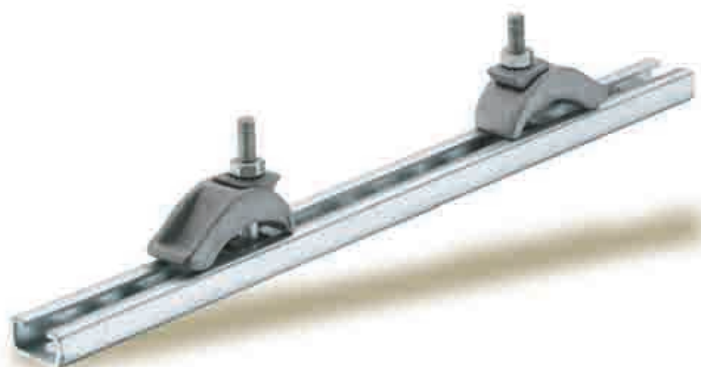
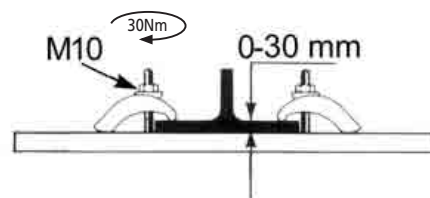
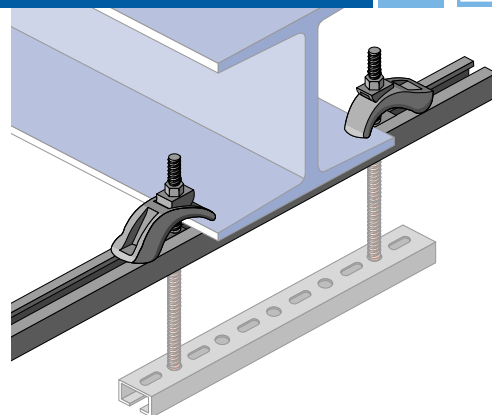
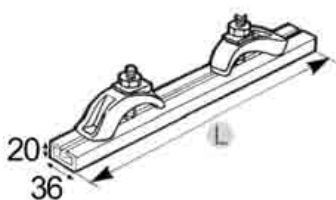


		N°	D mm	B mm	P	
CR17-2		336400	16-20	16	2	200
CR21-2		336410	20,4-25	16	2	100
CR28-2		336420	26,9-31,8	16	2	100
CR37-2		336430	33,7-38	20	2	50
CR42-2		336440	40-44,5	20	2	50
CR48-2		336450	47-51	20	2	50
CR60-2		336460	59,2-63,5	20	2	25



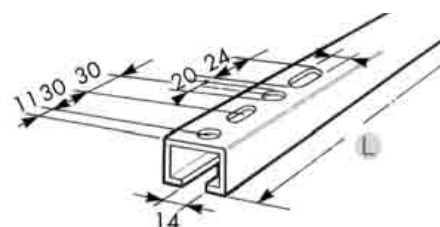
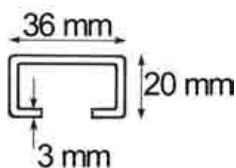


		L mm		
5130-2	335050	300	2	1
5140-2	335060	400	2	1
5150-2	335070	500	2	1
5160-2	335080	600	2	1
5170-2	335090	800	2	1



	A mm	F1 	B mm	F2
	100	3500	100	1700
	200	1750	200	800
	300	1100	300	500
	400	800	400	400
	500	700	500	350
	600	500	600	250

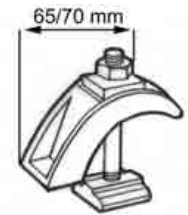
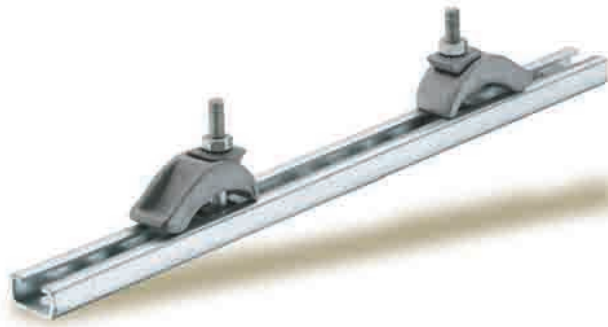
		L mm		
5101-2	335590	300	2	10
5102-2	335600	400	2	10
5103-2	335610	500	2	10
5104-2	335620	600	2	10
5105-2	335630	800	2	10
5106-2	335640	1000	2	10
5107-2	335650	2000	2	1
5109-2	335660	3000	2	1
5110-2	335670	6000	2	1



5120-2



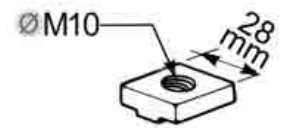
5120-2	335120	2	20



5190-2



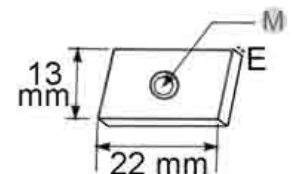
5190-2	335160	2	50



iM-2

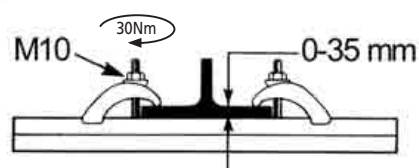
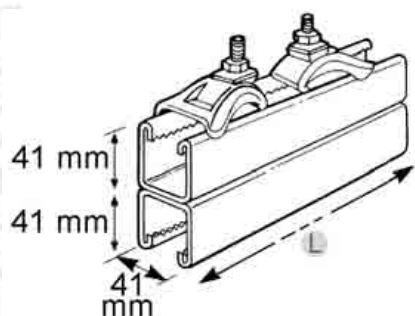
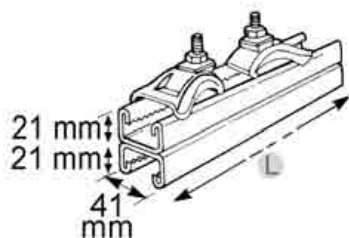
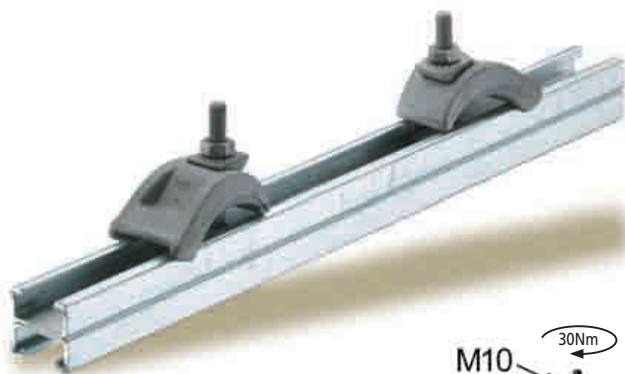
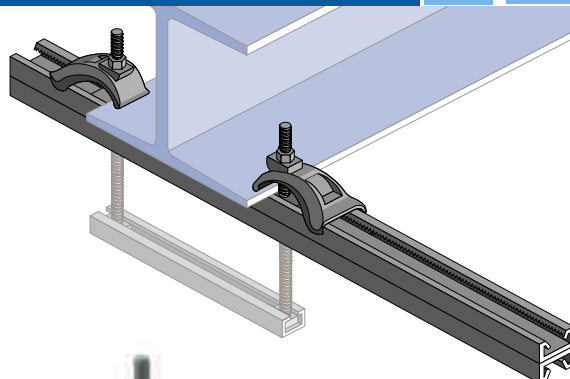


		A mm	L mm		
iM6-2	335200	6	4,5	2	100
iM8-2	335210	8	6	2	100
iM10-2	335220	10	7,5	2	100

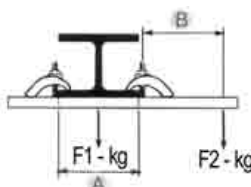




		N°	L mm	P	
2x (41 x 21 x 2,5)					
6130-2		330050	300	2	1
6140-2		330060	400	2	1
6150-2		330070	500	2	1
6160-2		330080	600	2	1
6180-2		330090	800	2	1
2x (41 x 41 x 2,5)					
6530-2		330150	300	2	1
6540-2		330160	400	2	1
6550-2		330170	500	2	1
6560-2		330180	600	2	1
6580-2		330190	800	2	1

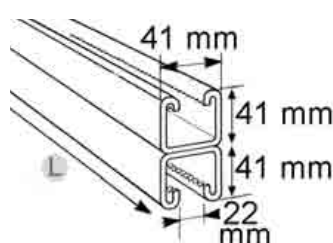
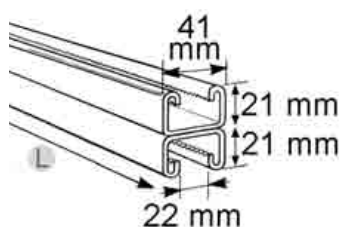


	A mm	F1 	B mm	F2
2x (41 x 21 x 2,5)				
	300	3000	300	1500
	400	2250	400	1100
	500	1800	500	900
	600	1500	600	700
2x (41 x 41 x 2,5)				
	300	9500	300	4500
	400	7000	400	3500
	500	5500	500	2850
	600	4500	600	2300



		N°	L mm	P	
DDC10-2		330340	1000	2	10
DDC20-2		330350	2000	2	5
DDC30-2		310080	3000	2	4
DDC60-2		310090	6000	2	1

		N°	L mm	P	
AAC10-2		330520	1000	2	10
AAC20-2		330530	2000	2	5
AAC30-2		310200	3000	2	4
AAC60-2		310210	6000	2	1





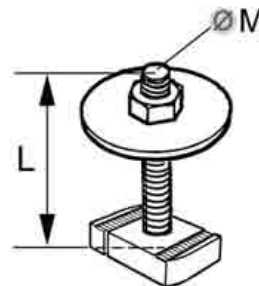
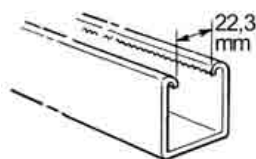
6120	330610	2	20



TMN-2



		M x L		
TMN 41-8 x 40-2	590093	8 x 40	2	50
TMN 41-10 x 40-2	590094	10 x 40	2	50
TMN 41-12 x 40-2	590095	12 x 40	2	50



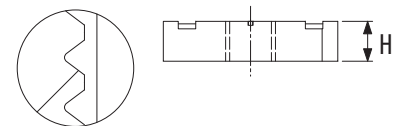
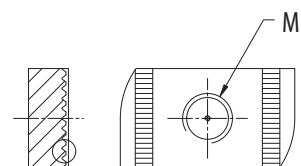
UM-2 • UD-2



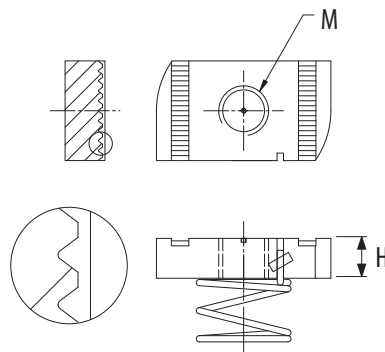
		M mm	H mm			
UM506-2	315140	6	5	2	100	12
UM608-2	315150	8	6	2	100	28
UM810-2	315160	10	8	2	100	55
UM812-2	315170	12	8	2	100	95
UD506-2	315210	6	5	2	100	12
UD608-2	315220	8	6	2	100	28
UD810-2	315230	10	8	2	100	55
UD812-2	315240	12	8	2	100	95



UM

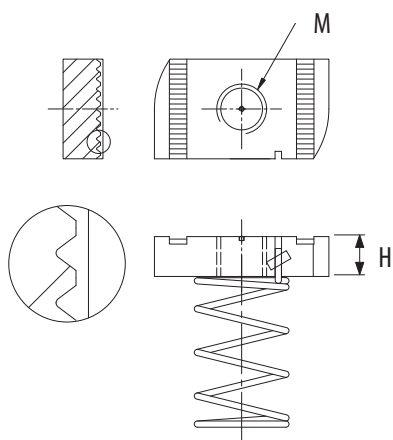


UD

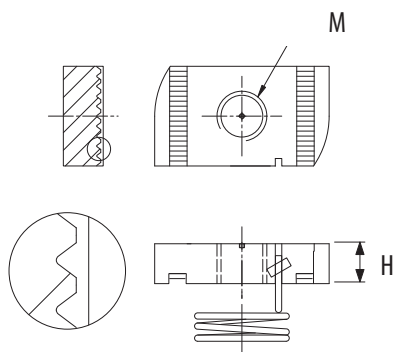




		M mm	H mm			
UA506-2	315180	6	5	2	100	12
UA608-2	315190	8	6	2	100	28
UA810-2	315120	10	8	2	100	55
UA812-2	315200	12	8	2	100	95
UT 506-2	515332	6	6	2	100	12
UT 608-2	515333	8	6	2	100	28
UT 810-2	515334	10	8	2	100	55
UT 812-2	515335	12	8	2	100	95



UA



UT



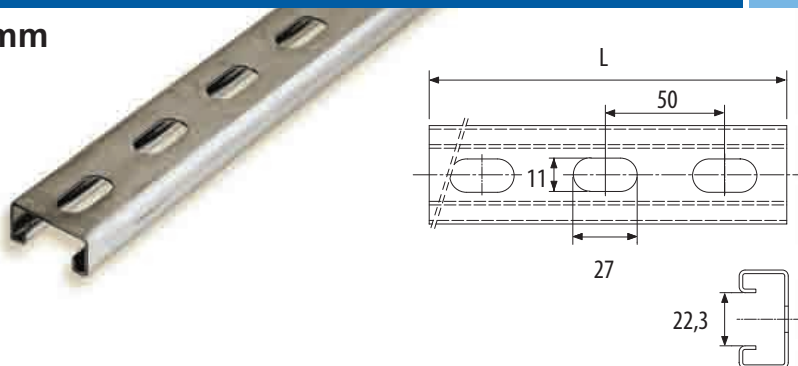
LDC-2

CADDY® ERISTRUT 21 x 41 x 1,5 mm

		L m		
LDC20-2 21 x 41 mm	317117	2	2	1



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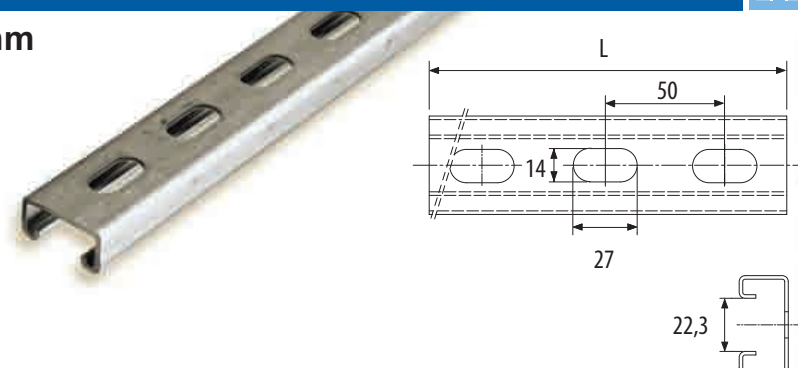
DC-2

CADDY ERISTRUT 21 x 41 x 2,5 mm

		L m		
DC60-2 21 x 41 mm	310265	6	2	1



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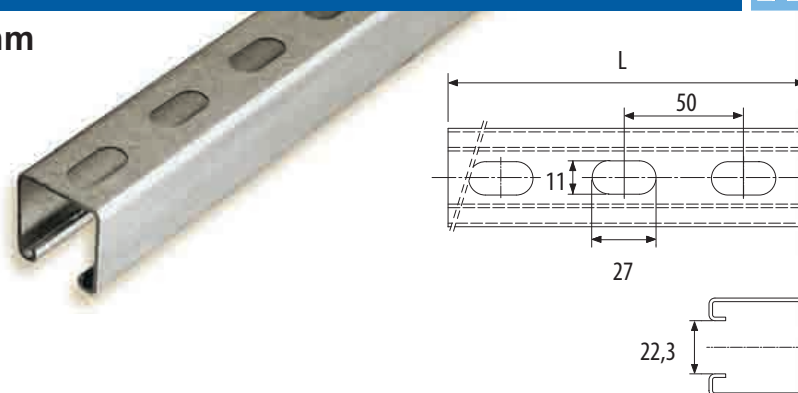
LAC-2

CADDY ERISTRUT 41 x 41 x 1,5 mm

		L m		
LAC20-2 41 x 41 mm	317345	2	2	1



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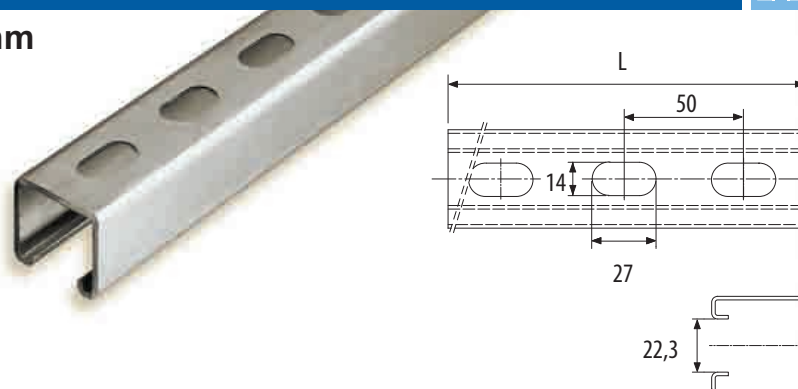
AC-2

CADDY ERISTRUT 21 x 41 x 2,5 mm

		L m		
AC60-2 41 x 41 mm	310326	6	2	1



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CAC-2

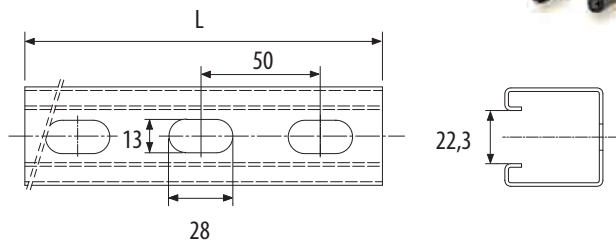
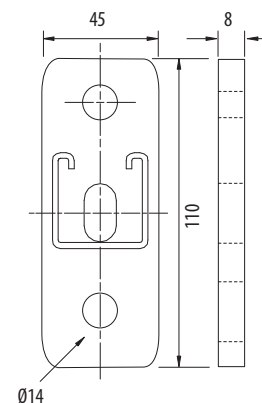


CADDY® ERISTRUT 41 x 41 x 2,5 mm

	N°	L m	P	
CAC15-2 150 mm	311693	150	2	20
CAC30-2 300 mm	311694	350	2	20
CAC45-2 450 mm	311695	450	2	10
CAC60-2 600 mm	311696	600	2	1
CAC75-2 750 mm	311697	750	2	1
CAC100-2 1000 mm	311698	1000	2	1



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CDC-2

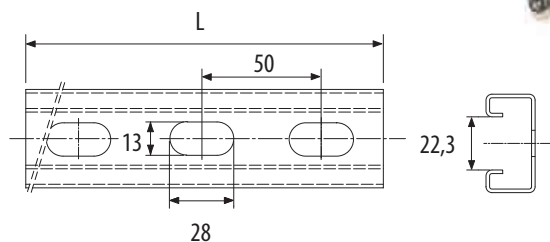
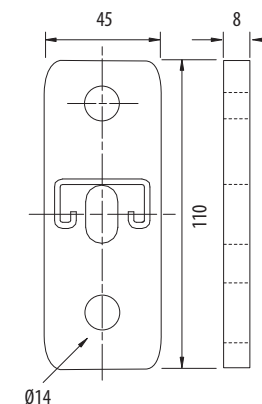


CADDY ERISTRUT 21 x 41 x 2,5 mm

	N°	L mm	P	
CDC15-2 150 mm	311658	150	2	20
CDC30-2 300 mm	311662	300	2	20
CDC45-2 450 mm	311668	450	2	10



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ZTA 601-2



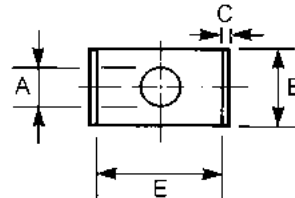
ZTA 601-2	387710	41/41 + 21/41	2	1



PLN-2



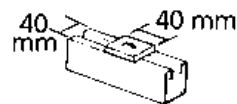
		A mm	B x C mm	E mm		
PLN 50x40-11 P2	589928	11	40 x 2	50	2	1



ZEA 100-2



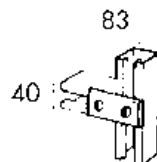
ZEA 100-2	388710	2	1



ZEA 102-2



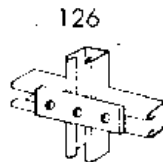
ZEA 102-2	387522	2	1



ZEA 103-2



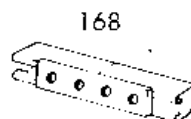
ZEA 103-2	387532	2	1



ZEA 104-2



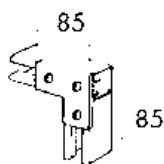
ZEA 104-2	387542	2	1



ZEA 107-2



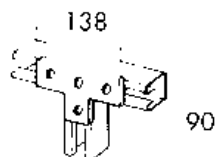
			
ZEA 107-2	387572	2	1



ZEA 108-2



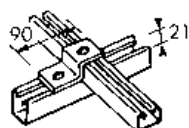
			
ZEA 108-2	388701	2	1



ZSA 300-2



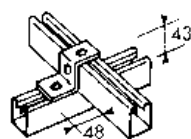
			
ZSA 300-2	387731	2	1



ZSA 301-2



			
ZSA 301-2	387742	2	1



ZTA 605-2



			
ZTA605-2	387190	2	1
ZT605-2	314060	2	1



ZT 606-2



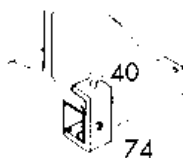
			
ZT606-2	313271	2	1



ZT 607-2



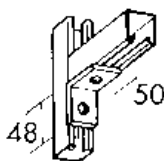
ZT607-2	313281	2	1



ZWA 200-2



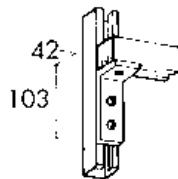
ZWA200-2	388670	2	1



ZWA 202-2



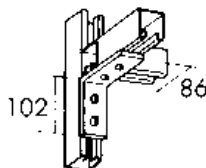
ZWA202-2	387625	2	1



ZWA 205-2



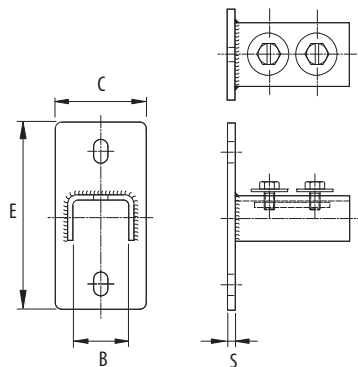
ZWA205-2	388761	2	1



APX-2



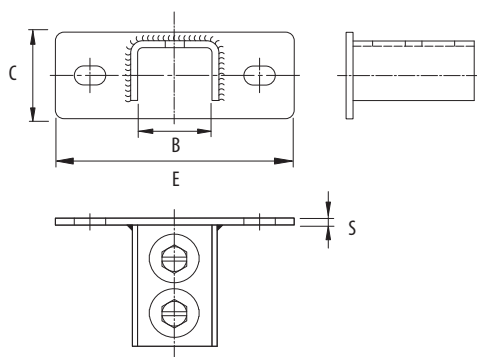
		B mm	C mm	E mm	S mm		
APX 21/41-2	584820	38	70	144	E4	2	1



APY-2

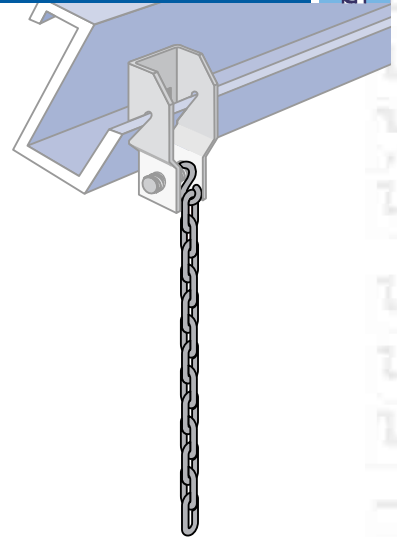
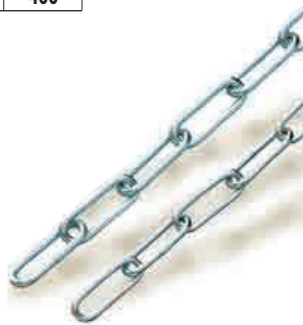
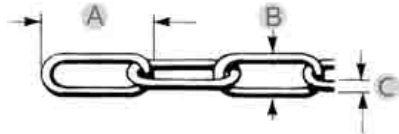


		B mm	C mm	E mm	S mm		
APY 21/41-2	584840	41	50	138	E4	2	1



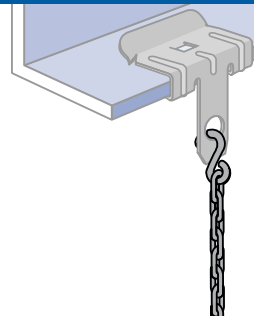
CHN-2

		A x B mm	C mm			
CHN15K-2	591500	29 x 10	2,5	2	30 m	300
CHN17K-2	591510	32 x 12	3,0	2	30 m	400



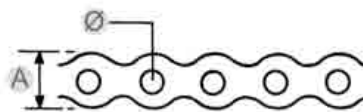
S-2

		Ø mm			
S40-2	591650	4	2	100	250
S50-2	591660	5	2	100	400



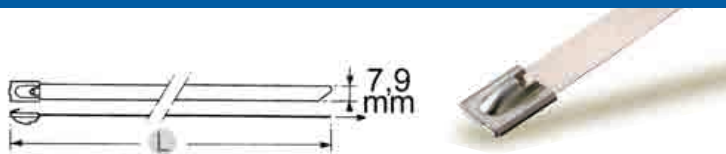
ABP-2

		A mm	Ø mm		
ABP12i	584020	12 x 0,8	5	2	10 m
ABP17i	584030	17 x 0,8	7	2	10 m
ABP26i	584040	26 x 1	8	2	10 m



MLT-2

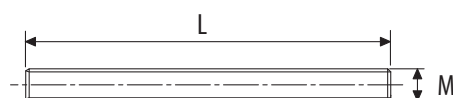
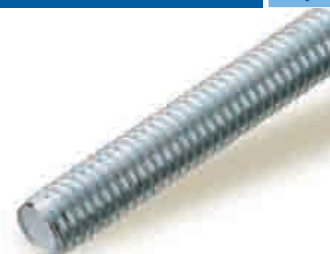
		M	L mm		
MLT2H-2	188100	200	50	2	100



TFZ-2



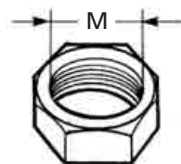
		M	L mm		
1TFZ6-2	592700	M6	1	2	100
2TFZ6-2	592710	M6	2	2	50
1TFZ8-2	592720	M8	1	2	50
2TFZ8-2	592730	M8	2	2	25
1TFZ10-2	592740	M10	1	2	25
2TFZ10-2	592750	M10	2	2	25
1TFZ12-2	592760	M12	1	2	25
2TFZ12-2	592770	M12	2	2	20



HM-2



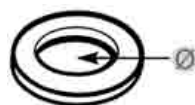
		M mm		
HM6-2	592130	M6	2	100
HM8-2	592140	M8	2	100
HM10-2	592150	M10	2	100
HM12-2	592160	M12	2	100



MU-2



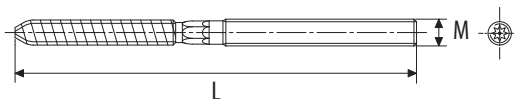
		Ø mm		
MU06-2	592480	6	2	100
MU08-2	592490	8	2	100
MU10-2	592500	10	2	100
MU12-2	592510	12	2	100



VDF-2



		M x L		
VDF M8X50 42260 P2	400477	M8 X 50	2	50
VDF M8X80 42261 P2	400478	M8 X 80	2	50



TORX®



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13. 1/3/5/10/25 PIECE PACKS

CADDY® SPEED LINK DISPLAY



CADDY® SPEED LINK DISPLAY	195990
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CADDY® DISPLAY

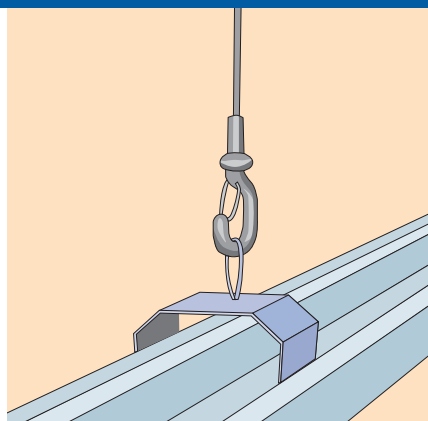


CADDY DISPLAY	172500
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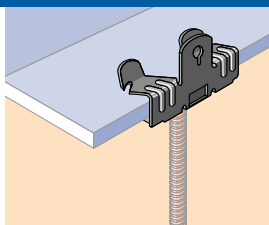
CADDY® SPEED LINK

	N°	Ø mm	L mm	P	
CADDY SPEED LINK SL2/1 BP	195801	2	1	1	30 x 1
CADDY SPEED LINK SL2/2 BP	195806	2	2	1	30 x 1
CADDY SPEED LINK SL2/3 BP	195811	2	3	1	30 x 1
CADDY SPEED LINK SL3/2 BP	195832	3	2	1	30 x 1
CADDY SPEED LINK SL3/3 BP	195837	3	3	1	30 x 1



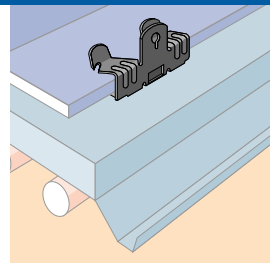
EM

	N°	P	
EM24	172170	7	10x25
EM58	172180	7	10x25
EM912	175760	7	10x25



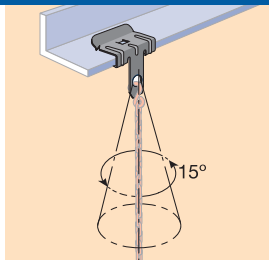
EM-SM

	N°	P	
EM24SM16	172220	7	10x10
EM58SM16	172230	7	10x10
EM912SM16	172240	7	10x10



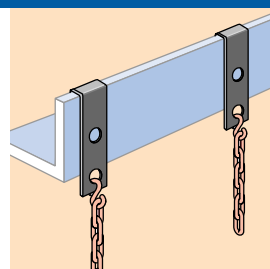
H

	N°	P	
4H24	172320	7	10x25
4H58	172350	7	10x25
4H912	172380	7	10x25



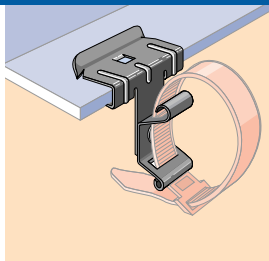
J

	N°	P	
J1	172440	7	10x25



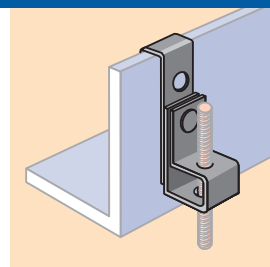
H-CT

	N°	P	
4H24CT	172330	7	10x25
4H58CT	172360	7	10x25
4H912CT	172390	7	10x25



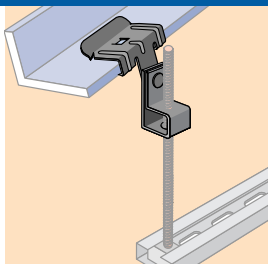
T10J1

	N°	P	
T10J1	172190	7	10x25



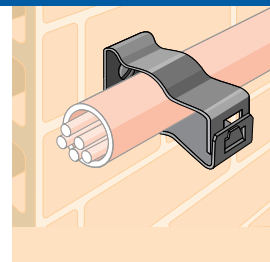
H-Ti

			
M6Ti24	175860	7	10x25
M6Ti58	175870	7	10x25



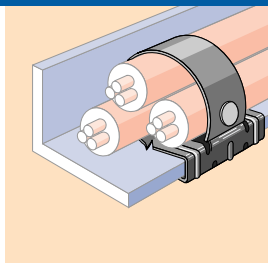
812M

			
812M	175850	7	10x25



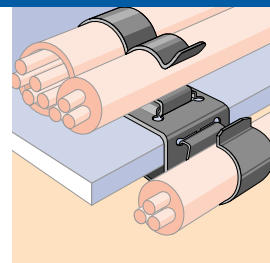
H-ST

			
4H24ST3	172340	7	10x25
4H58ST3	172370	7	10x25
4H912ST3	172400	7	10x25



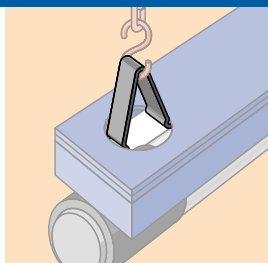
SCB

			
SCB312	172470	7	10x25
SCB1220	172480	7	10x25



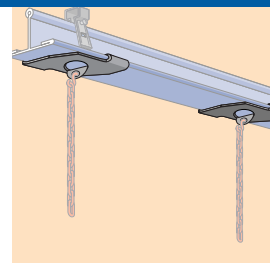
DFF1

			
DFF1	172490	1	10x25



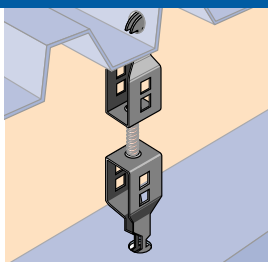
4G24H-6

			
4G24H-6	172280	6	10x25



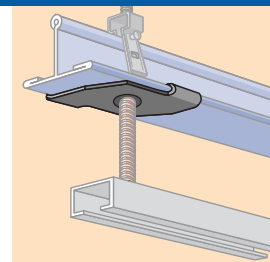
VKR

			
M6VKR	175800	7	10x25
M8VKR	175810	7	10x25
M10VKR	175820	7	10x25



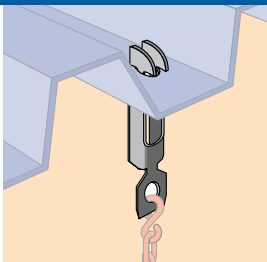
4J15M

			
4J15M	172460	7	10x25



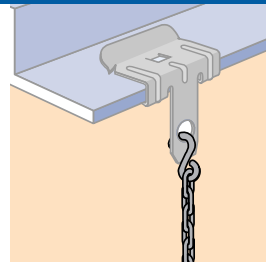
EER

			
EER	172200	7	10x25



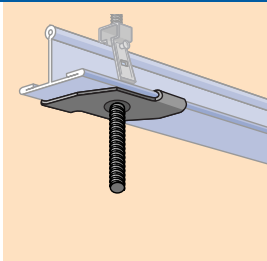
S40

			
S40	172420	7	10x25



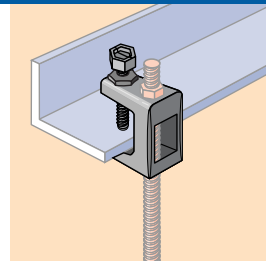
4G24M

			
4G24M16	172450	7	10x25



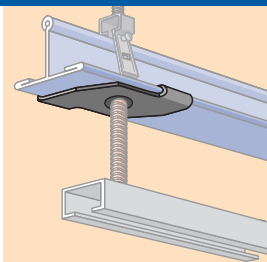
TKN

			
TKN8	175830	1	10x5
TKN10	175840	1	10x5
TKNM6	175910	1	10x5



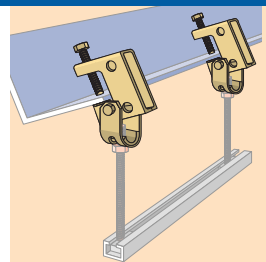
4G24M-6

			
4G24M16-6	172290	6	10x25
4G24M25-6	172300	6	10x25
4G24M38-6	172310	6	10x25



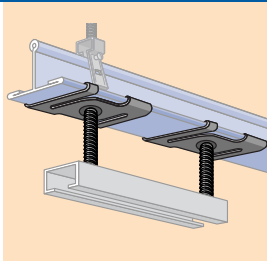
HB2

			
HB2-1	175880	1	10x3
HB2-3	175890	3	10x3



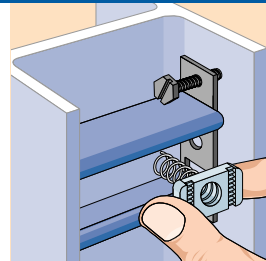
6WN

			
6WN	172410	7	10x25



INC8

			
INC8	175900	7	10x10



14. TECHNICAL DETAILS

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	b. Load values for CADDY ERISTRUT cantilever arms	Page 187 - 189
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➤ 14.1 QUALITY ASSURANCE

Quality Assurance

Quality Assurance ISO 9001:2000

All ERICO® products in the CADDY® line are subject to strict and continuous quality control.

The quality control includes material test, heat treatment in the production, corrosion protection, finished and packaged parts.

All ERICO affiliates are certified according DIN ISO 9001.

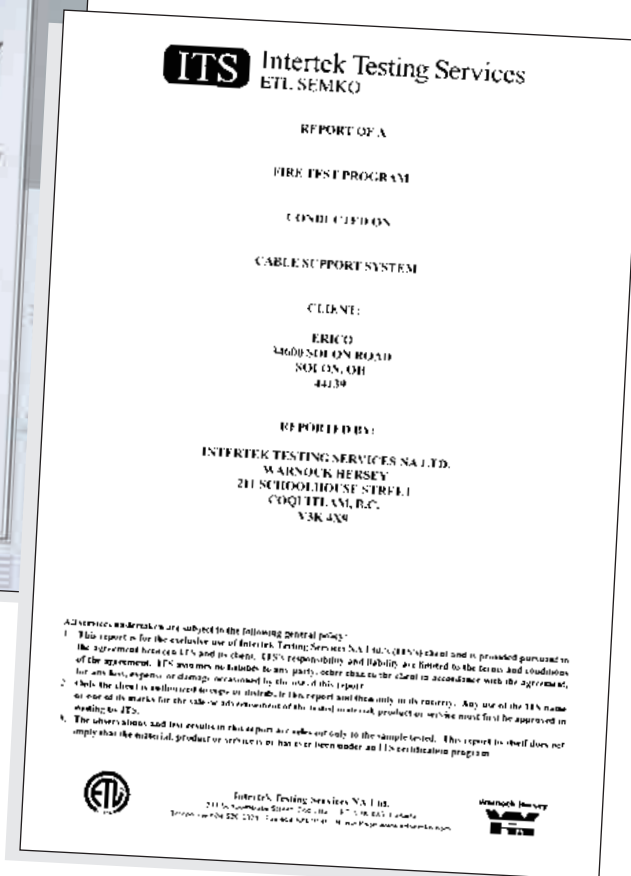
Test and Control Procedure

ERICO systematically conducts tests on finished products according to the procedures of the ERICO quality assurance manual.

The test methodology is confirmed by independent laboratory tests, who have issued certificates according to DIN 18168 for the tested CADDY products (Ref. see below).

Research and Development

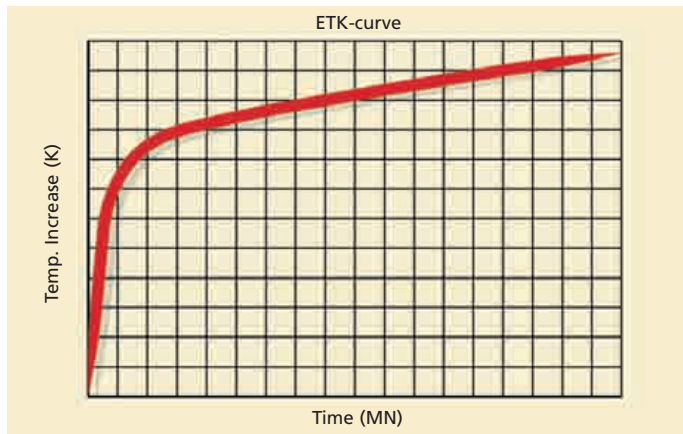
ERICO'S RESEARCH AND DEVELOPMENT DEPARTMENT IS CONSTANTLY RESEARCHING, DESIGNING AND DEVELOPING NEW FIXINGS AND FASTENERS, AND AT THE SAME TIME IMPROVING THE CURRENT RANGE OF CADDY PRODUCTS.



➤ 14.2 FIRE RATING CLASSIFICATION

The fire-test

ERICO® conducted several tests on CADDY® Fasteners installed within cable tray systems and other applications. These tests were conducted within a calibrated fire-chamber to obtain appropriate Fire-Rating Classification approvals.



Temperature-curve

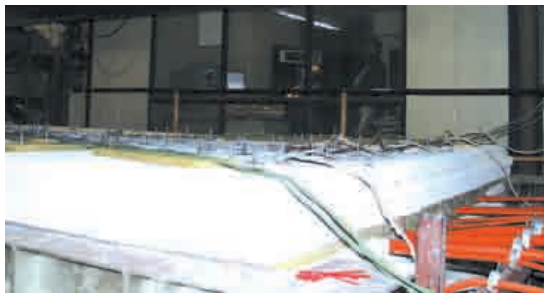
The fire chamber tests were conducted in accordance to DIN4102-12. The temperature increase is according to the graph curve as detailed.

The Fire Rating is achieved providing that the installation does not collapse or there is no "short circuit" within the system.

E30: 30 minutes without deviation.

E60: 60 minutes without deviation.

E90: 90 minutes without deviation.



The tests were conducted in association with the following manufacturers:

- Swiss manufacturer of cables.
- German manufacturer of cable trays.



Installation within fire chamber.

Chains applied as weight simulation



All systems and products were subjected to two fire tests. The weight of several cables within the cable trays is simulated by steel chains.

Total loads of the two systems are:

- 100 N/m
- 200 N/m

➤ 14.2 FIRE RATING CLASSIFICATION

FIRE



The tests were successfully concluded within the specified norms.



The systems after the fire-test

ABP certificate

Nr. P-3414/1904-MPA BS

(according to German standards)



RIGD



CADDY® ERISTRUT
STRUT+TFZ+ISSP



ISN+TFZ+C-EC



CADDY® SLICK
STRUT NUT



C-EC+SKR+
CADDY SLICK+PLN



ISSP

E90 Certification for:

- Strut channels and cantilever arms 41x41x2,5 mm
- CADDY® SLICK Strut Nut
- ISN-nut
- ISSP-plate
- PLN-plate
- C-EC Clamp
- RIGD
- Several products used in combination within these systems

F30 Certification for:

- CADDY® SPEED LINK
- CADDY SPEED LINK LD

Meets the fire rating requirements of DIN 4102-2 for 30 minutes at 30 percent of rated load

E90





1 Electro Plated Zinc

The anti-corrosion protection consists of an electrolytically applied zinc coating with a layer thickness of 5-8 micron or an equivalent treatment.

This protection will withstand 90 hours saltspray test to SS-DIN 50021, ISO/R 1456-1970, ASTM B 117-90.

2 Stainless Steel

Spring steel stainless steel fasteners are made of austenitic stainless steel type X12.

Cr Ni 17-7 (AISI 302, Standard no. 1.4310, according to DIN 17224).

ERICO®'s CADDY® components C20, C30, C45, 5000, 6000 and all CR clamps are made of austenitic stainless steel type X5 Cr Ni 18-10 (AISI 304, standard n° 1.4301).

ERICO's CADDY profiles, the associated fixing component and the strut nuts are normally made of standard n° 1.4571.

FIXOBAND and buckles are made of austenitic stainless steel type AISI 201. ERICO fixing products made of stainless steel are intended for indoor and outdoor use in non-corrosive environments or where only mildly corrosive conditions apply.

NOTE:

Because stainless steel is susceptible to stress corrosion in chloride environments it is forbidden to use these ERICO-fixing products in chloride environments (indoor swimming pools, etc.).

When selecting ERICO stainless steel products for a corrosive environment, it is always best to consult with a corrosion engineer and, if possible, conduct tests in the environment involved under actual operating conditions or ask ERICO for engineering approval and load rating.

3 Hot Dip Galvanized Zinc

Protection against corrosion is provided by hot dip galvanizing in accordance with DIN 50976+Zn-D, NFA 91-121; NEN 1275.

The zinc layer thickness is 50-70 micron (350-500 g/m²).

The finish can be used for indoor and outside applications and is suitable for use in humid and mildly corrosive environments.

5 Nylon

7 CADDY® COAT

CADDY® COAT is a patented multi-layer system consisting of a zinc phosphate coating for optimum adhesion and creep resistance covered by a nominal 20 microns of a lead-free cathodic electrocoat finish for exceptional corrosion resistance.

9 Polyurethane (PU)

10 Polyamide (PA)

Injection moulded thermoplastic. 10+ long glass fibres have been added to enhance strength and thermal stability.

Not recommended in chemically aggressive environments. UV-stabilized in black colour.

11 Polyvinylchloride (PVC)

Extruded or injection moulded thermo-plastic.

Economical price, but only moderate strength characteristics. UV-stabilized. Good chemical resistance.

These materials are intended for corrosive environments. However, there are chemicals that may affect one or more of these materials. For specific applications, it is recommended to contact ERICO for a chemical compatibility chart and other relevant data sheets.

12 Polypropylene (PP)

22 Multi-Layer Corrosion Protection (MCP)

This highly-effective multi-layer anti corrosion protection consists of an SC3 zinc base coating with an electrostatically applied polyester top coat.

This coating provides superior corrosion protection as compared to Hot Dip Galvanized Zinc coatings, can be used for indoor and outside applications, and is suitable for use in humid and mildly corrosive environments.



➤ 14.4 LOAD RATING

CADDY® fixing products from ERICO® are designed with two load limits:

5a. Static Load in NEWTON

Static load limit values specify maximum allowable installed loads for user application.



5b. Ultimate Static Load in NEWTON

If this rating is exceeded, failure of the fixing product may occur.



Load ratings are only valid within +5 to + 35°C unless otherwise specified in this catalogue.

All loads should be applied VERTICALLY to the normal fixing product installation except as may be indicated otherwise in diagrams. If no direction is indicated or a zero load rating is given, the product is to be used for positioning purposes only.

A load rating in this catalogue is only applicable if the load-bearing capacity of the supporting element (purlin, angle beam, flange, bar, etc.) is adequate.

Any repositioning, deformation, or cracking of the supporting element should be a warning that the load bearing capacity of the element is exceeded.

In such situations, take preventive measures: consult a structural engineer, or consult ERICO® for advice.

NOTE:

ERICO will be pleased to advise on special applications or loading situations.

1kg = 10N



2a. Spring Steel Clips

1a. Description

CADDY® clips from ERICO are manufactured from heat treated spring steel and, as a single or combined fixing system will primarily apply to steel beam applications.

The fixing method relies on the use of the spring retention force, loads of up to 90 kg (with a 4:1 safety factor) can be carried through the clamping force.

1b. Installation Advice

The installation of spring steel CADDY clips is simple and easy: In each box of CADDY, you will find a clear instruction sheet with all appropriate technical information.

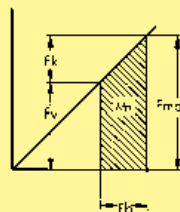
1c. Basic Guidelines

ERICO® DOES NOT RECOMMEND THE INSTALLATION OF CADDY CLIPS ONTO ALUMINIUM SECTION:

- Because aluminium is a softer material, the clamping effect would be reduced.
- The bi-metal connection between the aluminium and zinc coated clips would create a galvanic corrosive reaction causing the aluminium to corrode.

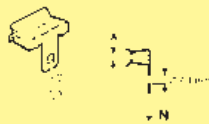
**NEVER APPLY
ADDITIONAL HOT DIP
GALVANISING TO
SPRING STEEL CLIPS:**

- This would reduce or eliminate the spring steel retention force.
- The appropriate corrosion protection has already been applied.

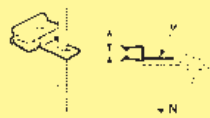


Explanation of the diagram:

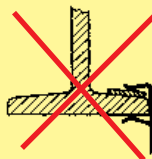
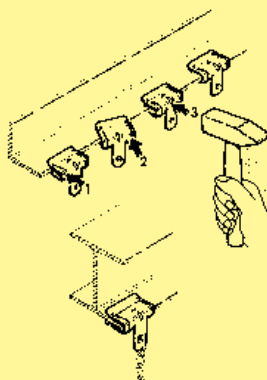
- pre-tension - **Fv**
- clamping force - **Fk**
- max. spring tension - **Fmax**
- clamping range - **Fb**
- usable action of spring - **Mn**



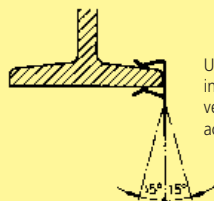
Code	A(mm) ↓	↓ N
2H4	2-3	700
4H24	3-8	900
4H58	8-14	900
4H912	14-20	900



Code	A(mm)	M	↓ N
4H24i	3-8	M6	150
4H58i	8-14	M6	150



Do not insert any secondary component between the beam and the CADDY clip



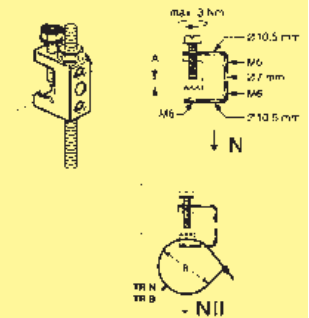
Up to a 15 degree inclination from the vertical axis is acceptable

2b. "Bolt on"

2a. Description

For the installation of this type of CADDY® fixing, some technical details have to be taken into consideration.

In particular the torque required, as indicated on the required technical information.



2b. Installation Advice

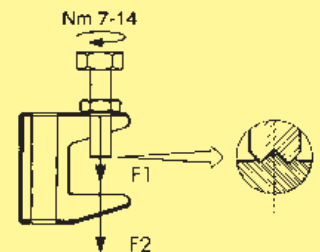
The 8.8 grade high tensile steel screw has a cupped or hollow cone point of contact to DIN 78.

This ensures a constant contact pressure with a high resistance to loosening or unscrewing.

The endurance of a clamped connection is determined by the torque required.

By tightening the bolt, an initial stress F_1 is applied to the clamp.

If the initial stress F_1 and the load F_2 are on or close to the same axis or close to each other, the following formula applies:



Bolt grade 8.8 high tensile steel,
DIN EN 20898-1 : 1991

 = 4x  = F₁ + F₂

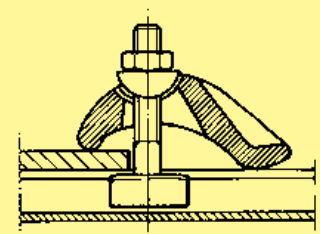
Ultimate load = useful load + safety factor 4:1

2c. Indirect Clamp

In this application, the bolt setting forces are transferred to the clamping component.

Bolts to tensile stress are 8.8 grade high tensile steel, to DIN ISO 939.

In most applications, CADDY® clamping components are tightened with an open-ended or ring spanner. The table below gives a “guideline value” derived from experience for the force and leverage length required for grades 6.8 and 8.8.



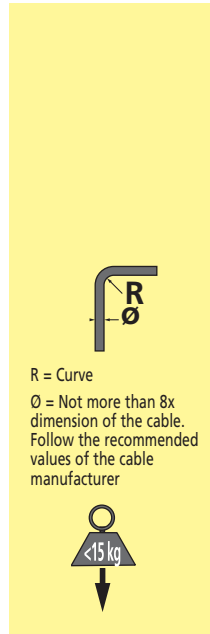
Screw size	Manual force N	Wrench length mm
M6	375	110
M8	380	120
M10	390	170
M12	400	260
M16	430	530

➤ 14.6 CADDY® CABLECAT

a. How data cabling professionals install high performance, data cabling (CAT 5,... fibre optic,...).

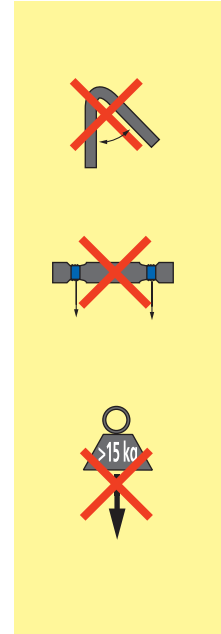
DO

- Investigate cable route & wiring
- Plan for moves and changes
- Select open installation
- Follow codes & standards for cable specifications
- Bend radius:
keep radius as large as possible
- Pull strength : keep below
manufacturer's recommended
maximum pull load.
- Pull gradually



DON'T

- Run parallel to power cables
- Limit future expansion
- Pull cable around sharp edges
- Kink or crimp cables
- Use tight cable ties
- Overload / overstress (pull)
- Lay cables directly on
suspended ceilings



b. Fill rate for CADDY® CABLECAT

		AWG		CAT 12	CAT 21	CAT 32	CAT 64	CAT 425/425WM
				→ KG	→ KG	→ KG	→ KG	→ KG
UTP	4-Pair	24	5 mm dia.	16 -> 1	50 -> 2,75	80 -> 4,5	320 -> 18	425 -> 22,75
FTP	4-Pair	24	6 mm dia.	11 -> 0,75	35 -> 2,25	55 -> 3,5	220 -> 14	300 -> 18,25
SFTP	4-Pair	24	6 mm dia.	11 -> 1,25	35 -> 4	55 -> 6	220 -> 24	300 -> 32
SFTP	4-Pair	23	7 mm dia.	8 -> 1	25 -> 3	40 -> 4,75	160 -> 19	225 -> 25,25
F/STP	4-Pair	23	8,5 mm dia.	5 -> 0,75	17 -> 2,25	27 -> 3,5	108 -> 14	150 -> 18,25
S/STP	4-Pair	23	8,5 mm dia.	5 -> 0,75	17 -> 2,5	27 -> 4	108 -> 16	150 -> 20,5
UTP	2 x 4-Pair	24	5 mm x 10 mm	8 -> 0,75	25 -> 2,25	40 -> 3,5	160 -> 14	212 -> 18
FTP	2 x 4-Pair	24	6 mm x 12,5 mm	5 -> 0,75	17 -> 2,25	27 -> 3,5	108 -> 14	150 -> 18,25
SFTP	2 x 4-Pair	24	6 mm x 13 mm	5 -> 1,25	15 -> 3,5	25 -> 5,5	100 -> 22	135 -> 29
SFTP	3 x 4-Pair	24	14 mm dia.	1 -> 0,5	6 -> 2,75	10 -> 4,5	40 -> 18	55 -> 24
UTP	25-Pair	24	13 mm dia.	1 -> 0,5	7 -> 2,25	11 -> 3,5	44 -> 14	65 -> 19,25

= the amount of cables (fill rate) for the cable type and CADDY® CABLECAT type.

= the weight of 1.5 metres of cable type, times the number of cables + the weight of CADDY® CABLECAT and a typical fixing (beam clamp,...). The total cable load is less than the UL tested load for each CADDY® CABLECAT : CAT12, 21, 32, 64 : 22kg and CAT 425 : 45 kg.



➤ 14.6 CADDY® CABLECAT

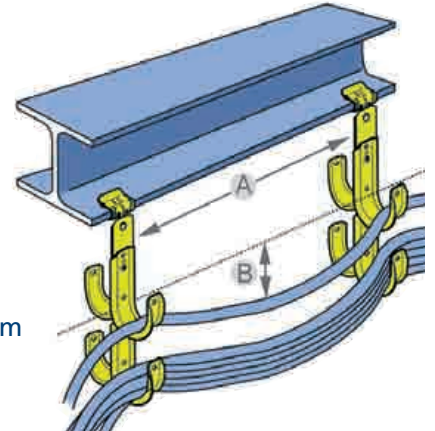
c. Tip

For all CADDY® CABLECAT supports, make sure cable sag between fixings is no more than 300 mm at midspan.

(Actual sag will depend on the number of cables in each bundle and the weight of the cable.)

To achieve this locate the supports every 1.2 to 1.5 m to stay within the 300 mm sag criteria.

$A = 1,20 - 1,50 \text{ m}$
 $B < 300 \text{ mm}$



d. 1997 EITA/TIA 569-A Standard

4.6.2 Design guidelines

4.6.2.1 Planning - The design shall provide a suitable means and method for supporting cables from the telecommunications closet to the work areas to be served. Cables shall not be laid directly on the ceiling tile or rails.

4.6.2.2 Clearance - A minimum of 75 mm (3 in) clear vertical space shall be available above the ceiling tiles for the horizontal cabling and pathway.

4.6.5.2 A suspended ceiling support rod or wire may be used to mount appropriate cable fasteners loaded with multiple cables up to the total weight for which the fastener is approved. The T-bar rail of a suspended

ceiling may be used to mount appropriate cable fasteners loaded with cable up to a total weight of 0.7 kg/m (0.45 lb/ft).

The fastener design shall not interfere with the inserting or removing of the ceiling tile.

NOTES.

1) A weight of 1 kg (2.2 lb) (or 0.7 kg/m with spacing of support wire/rod at 1.5 m (5 ft) is equivalent to a bundle of sixteen 4-pair 24 AWG UTP cables, including fasteners.

2) If any side pull is exerted on the support wire, like a turn in direction of the cables, the level of ceiling tee rail could be affected.

e. EN 50174-1

CADDY CABLECAT

Cable management products comply with the provisions of EN 50174-1 "information

Technology - Cabling Installation; Part 1 :

Specification and quality assurance", e.g., clause 5.8 (sharpness of edges, bend radii, accessibility).

They support the installation practices described in EN 50174-2 "Information Technology - Cabling Installation; Part 2 : Installation planning and practices inside buildings".

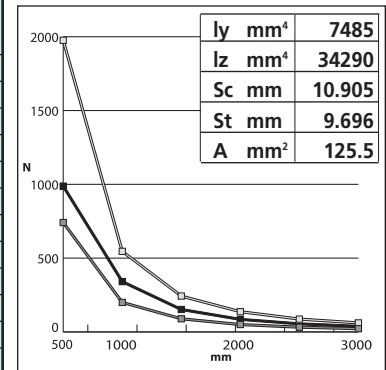
Ø

		Ø
CAT	12	19
CAT	21	33
CAT	32	50
CAT	64	100
CAT	425	100/150

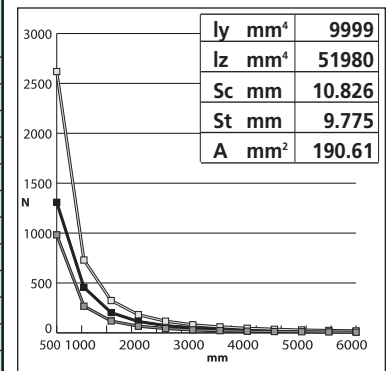


➤ 14.7 Load values for CADDY® ERISTRUT channels

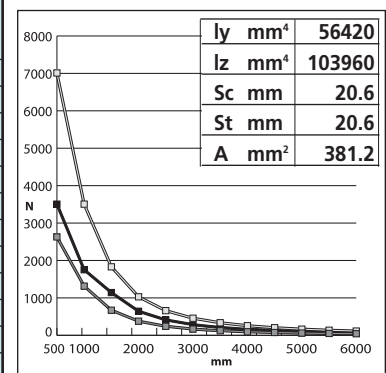
LDC	loading case A			loading case B			loading case C		
L[mm]	F from allowable tension [N]	F from allowable deflection [N]	allowable load [N]	F from allowable tension [N]	F from allowable deflection [N]	allowable load [N]	F from allowable tension [N]	F from allowable deflection [N]	allowable load [N]
500	988	1365	988	1976	2184	1976	741	801	741
1000	494	341	341	988	546	546	371	200	200
1500	329	152	152	659	243	243	247	89	89
2000	247	85	85	494	137	137	185	50	50
2500	198	55	55	395	87	87	148	32	32
3000	165	38	38	329	61	61	124	22	22
3500	141	28	28	282	45	45	106	16	16
4000	124	21	21	247	34	34	93	13	13
4500	110	17	17	220	27	27	82	10	10
5000	99	14	14	198	22	22	74	8	8
5500	90	11	11	180	18	18	67	7	7
6000	82	9	9	165	15	15	62	6	6



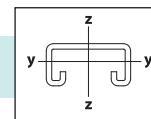
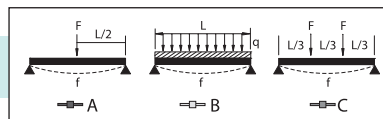
DC	loading case A			loading case B			loading case C		
L[mm]	F from allowable tension [N]	F from allowable deflection [N]	allowable load [N]	F from allowable tension [N]	F from allowable deflection [N]	allowable load [N]	F from allowable tension [N]	F from allowable deflection [N]	allowable load [N]
500	1309	1824	1309	2619	2918	2619	982	1070	982
1000	655	456	456	1309	730	730	491	268	268
1500	436	203	203	873	324	324	327	119	119
2000	327	114	114	655	182	182	245	67	67
2500	262	73	73	524	117	117	196	43	43
3000	218	51	51	436	81	81	164	30	30
3500	187	37	37	374	60	60	140	22	22
4000	164	28	28	327	46	46	123	17	17
4500	145	23	23	291	36	36	109	13	13
5000	131	18	18	262	29	29	98	11	11
5500	119	15	15	238	24	24	89	9	9
6000	109	13	13	218	20	20	82	7	7



DDC	loading case A			loading case B			loading case C		
L[mm]	F from allowable tension [N]	F from allowable deflection [N]	allowable load [N]	F from allowable tension [N]	F from allowable deflection [N]	allowable load [N]	F from allowable tension [N]	F from allowable deflection [N]	allowable load [N]
500	3506	10291	3506	7011	16466	7011	2629	6040	2629
1000	1753	2573	1753	3506	4116	3506	1315	1510	1315
1500	1169	1143	1143	2337	1830	1830	876	671	671
2000	876	643	643	1753	1029	1029	657	378	378
2500	701	412	412	1402	659	659	526	242	242
3000	584	286	286	1169	457	457	438	168	168
3500	501	210	210	1002	336	336	376	123	123
4000	438	161	161	876	257	257	329	94	94
4500	390	127	127	779	203	203	292	75	75
5000	351	103	103	701	165	165	263	60	60
5500	319	85	85	637	136	136	239	50	50
6000	292	71	71	584	114	114	219	42	42



All load ratings in NEWTON [N]

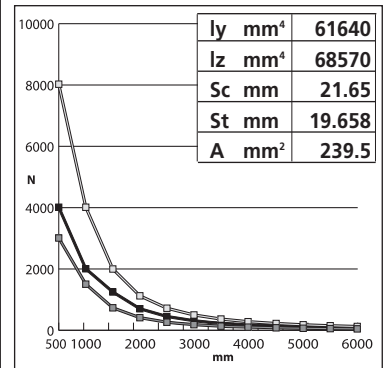


$\sigma_{\max} = 160 \text{ N/mm}$
 $f_{\max} = l/200$

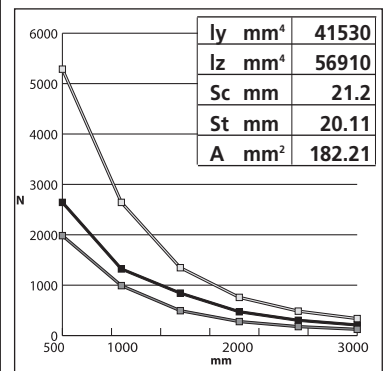


➤ 14.7 Load values for CADDY® ERISTRUT channels

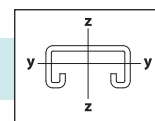
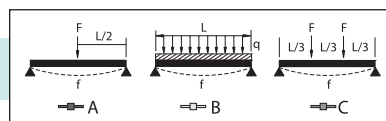
AS	loading case A			loading case B			loading case C		
L[mm]	F from allowable tension [N]	F from allowable deflection [N]	allowable load [N]	F from allowable tension [N]	F from allowable deflection [N]	allowable load [N]	F from allowable tension [N]	F from allowable deflection [N]	allowable load [N]
500	4014	11243	4014	8027	17989	8027	3010	6599	3010
1000	2007	2811	2007	4014	4497	4014	1505	1650	1505
1500	1338	1249	1249	2676	1999	1999	1003	733	733
2000	1003	703	703	2007	1124	1124	753	412	412
2500	803	450	450	1605	720	720	602	264	264
3000	669	312	312	1338	500	500	502	183	183
3500	573	229	229	1147	367	367	430	135	135
4000	502	176	176	1003	281	281	376	103	103
4500	446	139	139	892	222	222	334	81	81
5000	401	112	112	803	180	180	301	66	66
5500	365	93	93	730	149	149	274	55	55
6000	334	78	78	669	125	125	251	46	46



LAC	loading case A			loading case B			loading case C		
L[mm]	F from allowable tension [N]	F from allowable deflection [N]	allowable load [N]	F from allowable tension [N]	F from allowable deflection [N]	allowable load [N]	F from allowable tension [N]	F from allowable deflection [N]	allowable load [N]
500	2643	7575	2643	5287	12120	5287	1983	4446	1983
1000	1322	1894	1322	2643	3030	2643	991	1112	991
1500	881	842	842	1762	1347	1347	661	494	494
2000	661	473	473	1322	758	758	496	278	278
2500	529	303	303	1057	485	485	397	178	178
3000	441	210	210	881	337	337	330	124	124
3500	378	155	155	755	247	247	283	91	91
4000	330	118	118	661	189	189	248	69	69
4500	294	94	94	587	150	150	220	55	55
5000	264	76	76	529	121	121	198	44	44
5500	240	63	63	481	100	100	180	37	37
6000	220	53	53	441	84	84	165	31	31



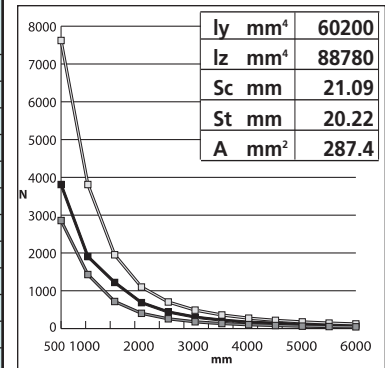
All load ratings in NEWTON [N]



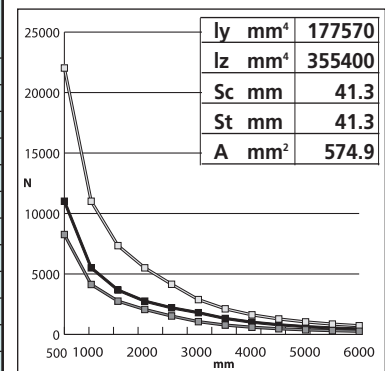
$\sigma_{\max} = 160 \text{ N/mm}^2$
 $f_{\max} = l/200$

➤ 14.7 Load values for CADDY® ERISTRUT channels

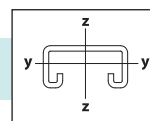
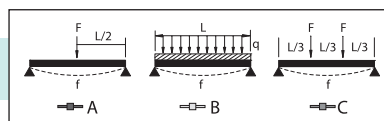
AC	loading case A			loading case B			loading case C		
L[mm]	F from allowable tension [N]	F from allowable deflection [N]	allowable load [N]	F from allowable tension [N]	F from allowable deflection [N]	allowable load [N]	F from allowable tension [N]	F from allowable deflection [N]	allowable load [N]
500	3811	10980	3811	7622	17569	7622	2858	6445	2858
1000	1905	2745	1905	3811	4392	3811	1429	1611	1429
1500	1270	1220	1220	2541	1952	1952	953	716	716
2000	953	686	686	1905	1098	1098	715	403	403
2500	762	439	439	1524	703	703	572	258	258
3000	635	305	305	1270	488	488	476	179	179
3500	544	224	224	1089	359	359	408	132	132
4000	476	172	172	953	275	275	357	101	101
4500	423	136	136	847	217	217	318	80	80
5000	381	110	110	762	176	176	286	64	64
5500	346	91	91	693	145	145	260	53	53
6000	318	76	76	635	122	122	238	45	45



AAC	loading case A			loading case B			loading case C		
L[mm]	F from allowable tension [N]	F from allowable deflection [N]	allowable load [N]	F from allowable tension [N]	F from allowable deflection [N]	allowable load [N]	F from allowable tension [N]	F from allowable deflection [N]	allowable load [N]
500	11015	64825	11015	22030	103720	22030	8261	38049	8261
1000	5507	16206	5507	11015	25930	11015	4131	9512	4131
1500	3672	7203	3672	7343	11524	7343	2754	4228	2754
2000	2754	4052	2754	5507	6482	5507	2065	2378	2065
2500	2203	2593	2203	4406	4149	4149	1652	1522	1522
3000	1836	1801	1801	3672	2881	2881	1377	1057	1057
3500	1574	1323	1323	3147	2117	2117	1180	777	777
4000	1377	1013	1013	2754	1621	1621	1033	595	595
4500	1224	800	800	2448	1280	1280	918	470	470
5000	1101	648	648	2203	1037	1037	826	380	380
5500	1001	536	536	2003	857	857	751	314	314
6000	918	450	450	1836	720	720	688	264	264



All load ratings in NEWTON [N]



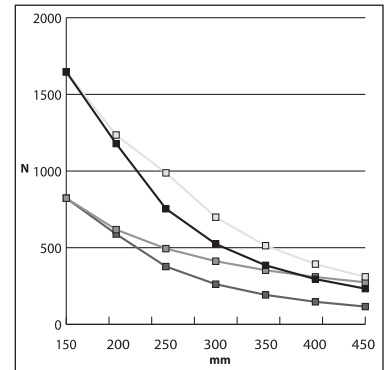
$\sigma_{\max} = 160 \text{ N/mm}$
 $f_{\max} = l/200$



➤ 14.7 Load values CADDY® ERISTRUT cantilever arms

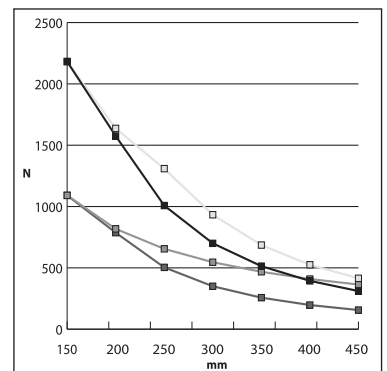
CLDC	loading case A			loading case B			loading case C			loading case D		
L[mm]	F from allowable tension [N]	F from allowable deflection [N]	allowable load [N]	F from allowable tension [N]	F from allowable deflection [N]	allowable load [N]	F from allowable tension [N]	F from allowable deflection [N]	allowable load [N]	F from allowable tension [N]	F from allowable deflection [N]	allowable load [N]
150	1647	2096	1647	1647	2794	1647	823	3555	823	823	1048	823
200	1235	1179	1179	1235	1572	1235	618	2000	618	618	589	589
250	988	754	754	988	1006	988	494	1280	494	494	377	377
300	823	524	524	823	699	699	412	889	412	412	262	262
350	706	385	385	706	513	513	353	653	353	353	192	192
400	618	295	295	618	393	393	309	500	309	309	147	147
450	549	233	233	549	310	310	274	395	274	274	116	116

ly mm ⁴	7485
lz mm ⁴	34290
Sc mm	10.905
St mm	9.696
A mm ²	125.5

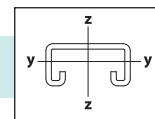
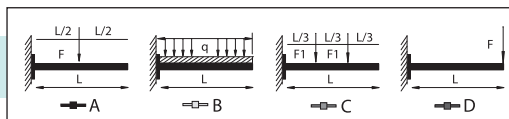


CDC	loading case A			loading case B			loading case C			loading case D		
L[mm]	F from allowable tension [N]	F from allowable deflection [N]	allowable load [N]	F from allowable tension [N]	F from allowable deflection [N]	allowable load [N]	F from allowable tension [N]	F from allowable deflection [N]	allowable load [N]	F from allowable tension [N]	F from allowable deflection [N]	allowable load [N]
150	2182	2800	2182	2182	3733	2182	1091	4750	1091	1091	1400	1091
200	1637	1575	1575	1637	2100	1637	818	2672	818	818	787	787
250	1309	1008	1008	1309	1344	1309	655	1710	655	655	504	504
300	1091	700	700	1091	933	933	546	1187	546	546	350	350
350	935	514	514	935	686	686	468	872	468	468	257	257
400	818	394	394	818	525	525	409	668	409	409	197	197
450	727	311	311	727	415	415	364	528	364	364	156	156

ly mm ⁴	9999
lz mm ⁴	51980
Sc mm	10.826
St mm	9.775
A mm ²	190.61



All load ratings in NEWTON [N]



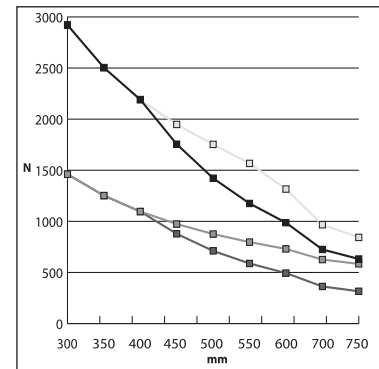
$$\sigma_{\max} = 160 \text{ N/mm}^2$$

$$f_{\max} = l/200$$

➤ 14.7 Load values CADDY® ERISTRUT cantilever arms

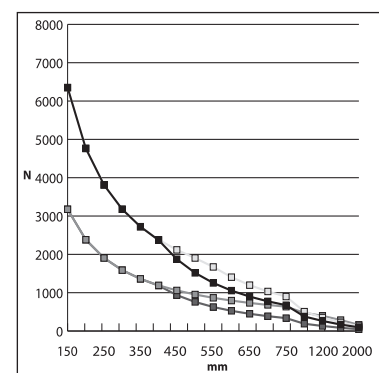
CDDC	loading case A			loading case B			loading case C			loading case D		
L[mm]	F from allowable tension [N]	F from allowable deflection [N]	allowable load [N]	F from allowable tension [N]	F from allowable deflection [N]	allowable load [N]	F from allowable tension [N]	F from allowable deflection [N]	allowable load [N]	F from allowable tension [N]	F from allowable deflection [N]	allowable load [N]
300	2921	3949	2921	2921	5266	2921	1461	6700	1461	1461	1975	1461
350	2504	2902	2504	2504	3869	2504	1252	4922	1252	1252	1451	1252
400	2191	2222	2191	2191	2962	2191	1096	3769	1096	1096	1111	1096
450	1948	1755	1755	1948	2340	1948	974	2978	974	974	878	878
500	1753	1422	1422	1753	1896	1753	876	2412	876	876	711	711
550	1594	1175	1175	1594	1567	1567	797	1993	797	797	588	588
600	1461	987	987	1461	1316	1316	730	1675	730	730	494	494
700	1252	725	725	1252	967	967	626	1231	626	626	363	363
750	1169	632	632	1169	843	843	584	1072	584	584	316	316

ly mm ⁴	56420
lz mm ⁴	103960
Sc mm	20.6
St mm	20.6
A mm ²	381.2



CAC	loading case A			loading case B			loading case C			loading case D		
L[mm]	F from allowable tension [N]	F from allowable deflection [N]	allowable load [N]	F from allowable tension [N]	F from allowable deflection [N]	allowable load [N]	F from allowable tension [N]	F from allowable deflection [N]	allowable load [N]	F from allowable tension [N]	F from allowable deflection [N]	allowable load [N]
150	6351	16856	6351	6351	22475	6351	3176	28595	3176	3176	8428	3176
200	4764	9482	4764	4764	12642	4764	2382	16085	2382	2382	4741	2382
250	3811	6068	3811	3811	8091	3811	1905	10294	1905	1905	3034	1905
300	3176	4214	3176	3176	5619	3176	1588	7149	1588	1588	2107	1588
350	2722	3096	2722	2722	4128	2722	1361	5252	1361	1361	1548	1361
400	2382	2370	2370	2382	3161	2382	1191	4021	1191	1191	1185	1185
450	2117	1873	1873	2117	2497	2117	1059	3177	1059	1059	936	936
500	1905	1517	1517	1905	2023	1905	953	2574	953	953	759	759
550	1732	1254	1254	1732	1672	1672	866	2127	866	866	627	627
600	1588	1054	1054	1588	1405	1405	794	1787	794	794	527	527
650	1466	898	898	1466	1197	1197	733	1523	733	733	449	449
700	1361	774	774	1361	1032	1032	681	1313	681	681	387	387
750	1270	674	674	1270	899	899	635	1144	635	635	337	337
1000	953	379	379	953	506	506	476	643	476	476	190	190
1200	794	263	263	794	351	351	397	447	397	397	132	132
1500	635	169	169	635	225	225	318	286	286	318	84	84
2000	476	95	95	476	126	126	238	161	161	238	47	47

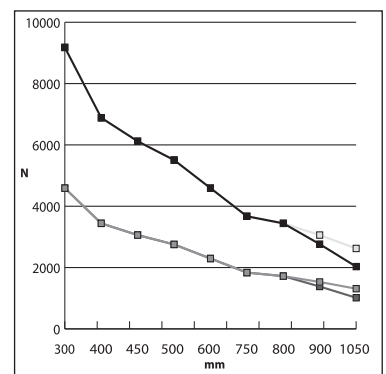
ly mm ⁴	60200
lz mm ⁴	88780
Sc mm	21.09
St mm	20.22
A mm ²	287.4



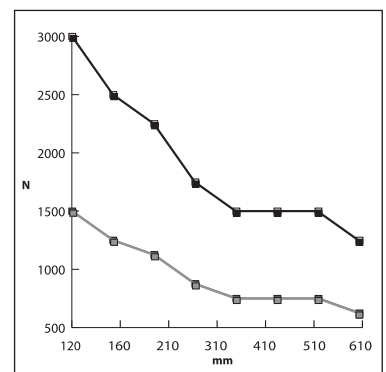
➤ 14.7 Load values CADDY® ERISTRUT cantilever arms

CAAC	loading case A			loading case B			loading case C			loading case D		
L[mm]	F from allowable tension [N]	F from allowable deflection [N]	allowable load [N]	F from allowable tension [N]	F from allowable deflection [N]	allowable load [N]	F from allowable tension [N]	F from allowable deflection [N]	allowable load [N]	F from allowable tension [N]	F from allowable deflection [N]	allowable load [N]
300	9179	24878	9179	9179	33171	9179	4590	42204	4590	4590	12439	4590
400	6884	13994	6884	6884	18659	6884	3442	23740	3442	3442	6997	3442
450	6119	11057	6119	6119	14743	6119	3060	18757	3060	3060	5528	3060
500	5507	8956	5507	5507	11941	5507	2754	15193	2754	2754	4478	2754
600	4590	6220	4590	4590	8293	4590	2295	10551	2295	2295	3110	2295
750	3672	3980	3672	3672	5307	3672	1836	6753	1836	1836	1990	1836
800	3442	3498	3442	3442	4665	3442	1721	5935	1721	1721	1749	1721
900	3060	2764	2764	3060	3686	3060	1530	4689	1530	1530	1382	1382
1050	2623	2031	2031	2623	2708	2623	1311	3445	1311	1311	1015	1015

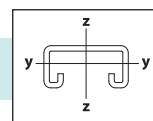
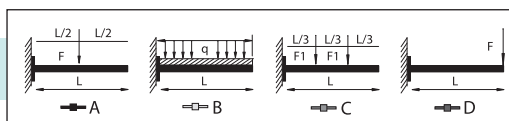
ly mm ⁴	177570
Iz mm ⁴	355400
Sc mm	41.3
St mm	41.3
A mm ²	574.9



CTRI	loading case A			loading case B			loading case C			loading case D		
L[mm]	F from allowable tension [N]	F from allowable deflection [N]	allowable load [N]	F from allowable tension [N]	F from allowable deflection [N]	allowable load [N]	F from allowable tension [N]	F from allowable deflection [N]	allowable load [N]	F from allowable tension [N]	F from allowable deflection [N]	allowable load [N]
120	9179	24878	3000	9179	33171	3000	4590	42204	1500	4590	12439	1500
160	6884	13994	2500	6884	18659	2500	3442	23740	1250	3442	6997	1250
210	6119	11057	2250	6119	14743	2250	3060	18757	1125	3060	5528	1125
260	5507	8956	1750	5507	11941	1750	2754	15193	875	2754	4478	875
310	4590	6220	1500	4590	8293	1500	2295	10551	750	2295	3110	750
410	3672	3980	1500	3672	5307	1500	1836	6753	750	1836	1990	750
510	3442	3498	1500	3442	4665	1500	1721	5935	750	1721	1749	750
610	3060	2764	1250	3060	3686	1250	1530	4689	625	1530	1382	625



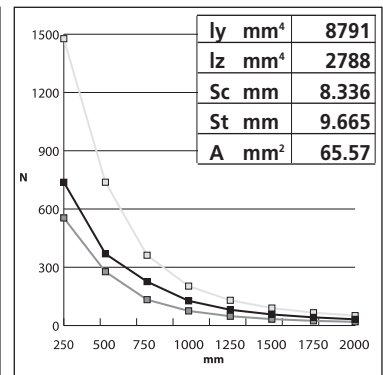
All load ratings in NEWTON [N]



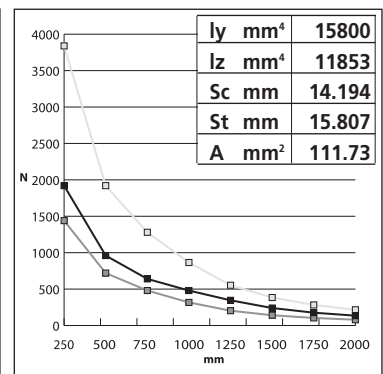
$\sigma_{\max} = 160 \text{ N/mm}^2$
 $f_{\max} = l/200$

➤ 14.7 Load values for C-channels

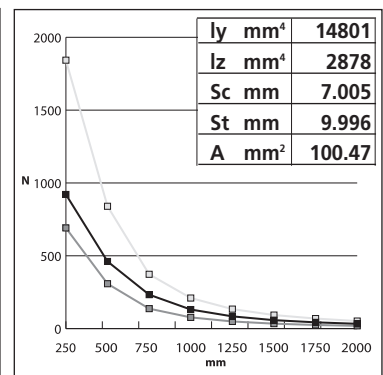
EOL	loading case A			loading case B			loading case C		
L[mm]	F from allowable tension [N]	F from allowable deflection [N]	allowable load [N]	F from allowable tension [N]	F from allowable deflection [N]	allowable load [N]	F from allowable tension [N]	F from allowable deflection [N]	allowable load [N]
250	738	2034	738	1477	3255	1477	554	1194	554
500	369	509	369	738	814	738	277	298	277
750	246	226	226	492	362	362	185	133	133
1000	185	127	127	369	203	203	138	75	75
1250	148	81	81	295	130	130	111	48	48
1500	123	57	57	246	90	90	92	33	33
1750	105	42	42	211	66	66	79	24	24
2000	92	32	32	185	51	51	69	19	19



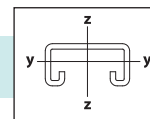
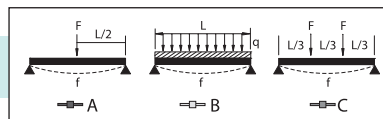
EO	loading case A			loading case B			loading case C		
L[mm]	F from allowable tension [N]	F from allowable deflection [N]	allowable load [N]	F from allowable tension [N]	F from allowable deflection [N]	allowable load [N]	F from allowable tension [N]	F from allowable deflection [N]	allowable load [N]
250	1920	8648	1920	3839	13837	3839	1440	5076	1440
500	960	2162	960	1920	3459	1920	720	1269	720
750	640	961	640	1280	1537	1280	480	564	480
1000	480	540	480	960	865	865	360	317	317
1250	384	346	346	768	553	553	288	203	203
1500	320	240	240	640	384	384	240	141	141
1750	274	176	176	548	282	282	206	104	104
2000	240	135	135	480	216	216	180	79	79



E1	loading case A			loading case B			loading case C		
L[mm]	F from allowable tension [N]	F from allowable deflection [N]	allowable load [N]	F from allowable tension [N]	F from allowable deflection [N]	allowable load [N]	F from allowable tension [N]	F from allowable deflection [N]	allowable load [N]
250	921	2100	921	1843	3360	1843	691	1232	691
500	461	525	461	921	840	840	346	308	308
750	307	233	233	614	373	373	230	137	137
1000	230	131	131	461	210	210	173	77	77
1250	184	84	84	369	134	134	138	49	49
1500	154	58	58	307	93	93	115	34	34
1750	132	43	43	263	69	69	99	25	25
2000	115	33	33	230	52	52	86	19	19



All load ratings in NEWTON [N]



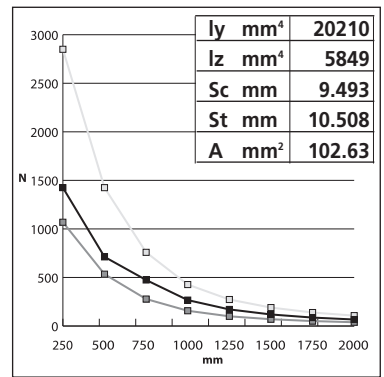
$$\sigma_{\max} = 160 \text{ N/mm}^2$$

$$f_{\max} = l/200$$

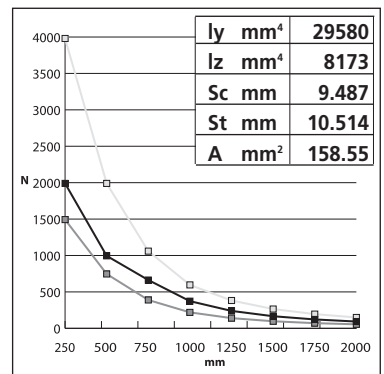


➤ 14.7 Load values for C-channels

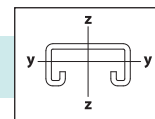
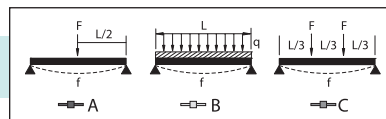
E2L	loading case A			loading case B			loading case C		
L[mm]	F from allowable tension [N]	F from allowable deflection [N]	allowable load [N]	F from allowable tension [N]	F from allowable deflection [N]	allowable load [N]	F from allowable tension [N]	F from allowable deflection [N]	allowable load [N]
250	1425	4267	1425	2850	6828	2850	1069	2505	1069
500	712	1067	712	1425	1707	1425	534	626	534
750	475	474	474	950	759	759	356	278	278
1000	356	267	267	712	427	427	267	157	157
1250	285	171	171	570	273	273	214	100	100
1500	237	119	119	475	190	190	178	70	70
1750	204	87	87	407	139	139	153	51	51
2000	178	67	67	356	107	107	134	39	39



E2	loading case A			loading case B			loading case C		
L[mm]	F from allowable tension [N]	F from allowable deflection [N]	allowable load [N]	F from allowable tension [N]	F from allowable deflection [N]	allowable load [N]	F from allowable tension [N]	F from allowable deflection [N]	allowable load [N]
250	1990	5963	1990	3980	9541	3980	1493	3500	1493
500	995	1491	995	1990	2385	1990	746	875	746
750	663	663	663	1327	1060	1060	498	389	389
1000	498	373	373	995	596	596	373	219	219
1250	398	239	239	796	382	382	299	140	140
1500	332	166	166	663	265	265	249	97	97
1750	284	122	122	569	195	195	213	71	71
2000	249	93	93	498	149	149	187	55	55



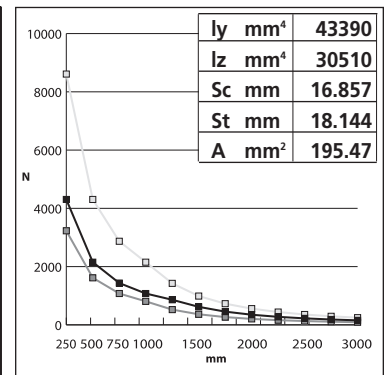
All load ratings in NEWTON [N]



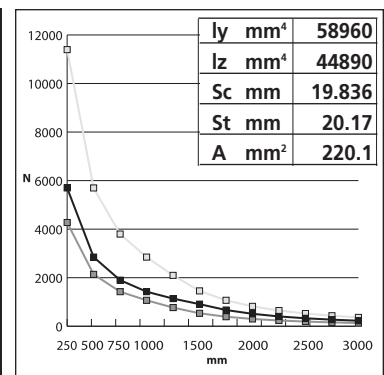
$\sigma_{\max} = 160 \text{ N/mm}^2$
 $f_{\max} = l/200$

➤ 14.7 Load values for C-channels

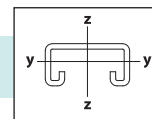
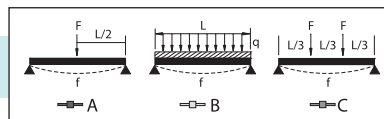
E3	loading case A			loading case B			loading case C		
	F from allowable tension [N]	F from allowable deflection [N]	allowable load [N]	F from allowable tension [N]	F from allowable deflection [N]	allowable load [N]	F from allowable tension [N]	F from allowable deflection [N]	allowable load [N]
L[mm]									
250	4305	22260	4305	8610	35616	8610	3229	13066	3229
500	2152	5565	2152	4305	8904	4305	1614	3266	1614
750	1435	2473	1435	2870	3957	2870	1076	1452	1076
1000	1076	1391	1076	2152	2226	2152	807	817	807
1250	861	890	861	1722	1425	1425	646	523	523
1500	717	618	618	1435	989	989	538	363	363
1750	615	454	454	1230	727	727	461	267	267
2000	538	348	348	1076	557	557	404	204	204
2250	478	275	275	957	440	440	359	161	161
2500	430	223	223	861	356	356	323	131	131
2750	391	184	184	783	294	294	294	108	108
3000	359	155	155	717	247	247	269	91	91



E4	loading case A			loading case B			loading case C		
	F from allowable tension [N]	F from allowable deflection [N]	allowable load [N]	F from allowable tension [N]	F from allowable deflection [N]	allowable load [N]	F from allowable tension [N]	F from allowable deflection [N]	allowable load [N]
L[mm]									
250	5697	32752	5697	11395	52403	11395	4273	19224	4273
500	2849	8188	2849	5697	13101	5697	2137	4806	2137
750	1899	3639	1899	3798	5823	3798	1424	2136	1424
1000	1424	2047	1424	2849	3275	2849	1068	1201	1068
1250	1139	1310	1139	2279	2096	2096	855	769	769
1500	950	910	910	1899	1456	1456	712	534	534
1750	814	668	668	1628	1069	1069	610	392	392
2000	712	512	512	1424	819	819	534	300	300
2250	633	404	404	1266	647	647	475	237	237
2500	570	328	328	1139	524	524	427	192	192
2750	518	271	271	1036	433	433	388	159	159
3000	475	227	227	950	364	364	356	133	133



All load ratings in NEWTON [N]



$$\sigma_{\max} = 160 \text{ N/mm}$$

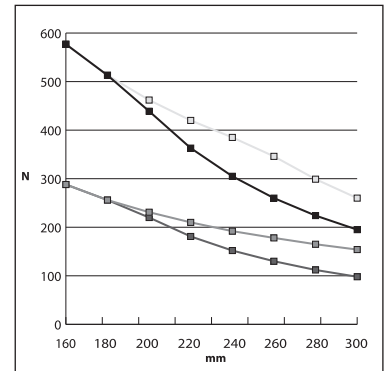
$$f_{\max} = l/200$$



➤ 14.7 Load values for C-cantilever arms

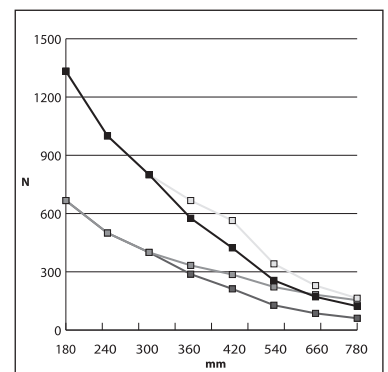
C-EOL	loading case A			loading case B			loading case C			loading case D		
L[mm]	F from allowable tension [N]	F from allowable deflection [N]	allowable load [N]	F from allowable tension [N]	F from allowable deflection [N]	allowable load [N]	F from allowable tension [N]	F from allowable deflection [N]	allowable load [N]	F from allowable tension [N]	F from allowable deflection [N]	allowable load [N]
160	577	686	577	577	915	577	288	1164	288	288	343	288
180	513	542	513	513	723	513	256	920	256	256	271	256
200	462	439	439	462	585	462	231	745	231	231	220	220
220	420	363	363	420	484	420	210	616	210	210	181	181
240	385	305	305	385	407	385	192	517	192	192	152	152
260	355	260	260	355	346	346	178	441	178	178	130	130
280	330	224	224	330	299	299	165	380	165	165	112	112
300	308	195	195	308	260	260	154	331	154	154	98	98

ly mm ⁴	8791
lz mm ⁴	2788
Sc mm	8.336
St mm	9.665
A mm ²	65.57

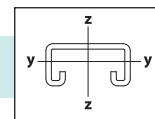
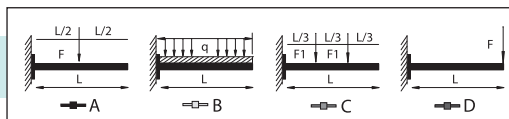


C-EO	loading case A			loading case B			loading case C			loading case D		
L[mm]	F from allowable tension [N]	F from allowable deflection [N]	allowable load [N]	F from allowable tension [N]	F from allowable deflection [N]	allowable load [N]	F from allowable tension [N]	F from allowable deflection [N]	allowable load [N]	F from allowable tension [N]	F from allowable deflection [N]	allowable load [N]
180	1333	2305	1333	1333	3073	1333	667	3910	667	667	1152	667
240	1000	1296	1000	1000	1729	1000	500	2199	500	500	648	500
300	800	830	800	800	1106	800	400	1408	400	400	415	400
360	667	576	576	667	768	667	333	977	333	333	288	288
420	571	423	423	571	564	564	286	718	286	286	212	212
540	444	256	256	444	341	341	222	434	222	222	128	128
660	364	171	171	364	229	229	182	291	182	182	86	86
780	308	123	123	308	164	164	154	208	154	154	61	61

ly mm ⁴	15800
lz mm ⁴	11853
Sc mm	14.194
St mm	15.807
A mm ²	111.73



All load ratings in NEWTON [N]



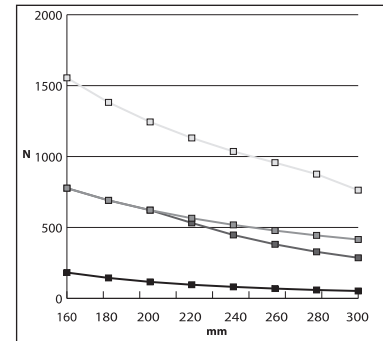
$$\sigma_{\max} = 160 \text{ N/mm}^2$$

$$f_{\max} = l/200$$

➤ 14.7 Load values for C-cantilever arms

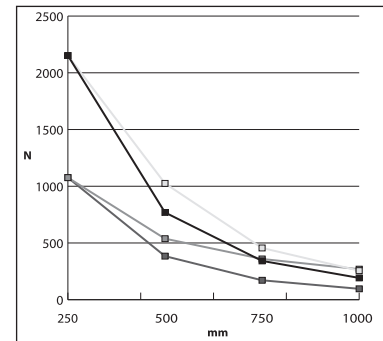
C-E2	loading case A			loading case B			loading case C			loading case D		
L[mm]	F from allowable tension [N]	F from allowable deflection [N]	allowable load [N]	F from allowable tension [N]	F from allowable deflection [N]	allowable load [N]	F from allowable tension [N]	F from allowable deflection [N]	allowable load [N]	F from allowable tension [N]	F from allowable deflection [N]	allowable load [N]
160	4068	182	182	1555	2682	1555	777	3412	777	777	1006	777
180	3616	144	144	1382	2119	1382	691	2696	691	691	795	691
200	3255	116	116	1244	1716	1244	622	2184	622	622	644	622
220	2959	96	96	1131	1418	1131	565	1805	565	565	532	532
240	2712	81	81	1036	1192	1036	518	1516	518	518	447	447
260	2504	69	69	957	1016	957	478	1292	478	478	381	381
280	2325	59	59	888	876	876	444	1114	444	444	328	328
300	2170	52	52	829	763	763	415	971	415	415	286	286

ly mm ⁴	29580
lz mm ⁴	8173
Sc mm	9.487
St mm	10.514
A mm ²	158.55

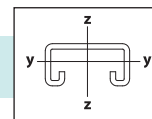
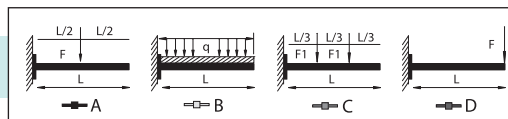


C-E3	loading case A			loading case B			loading case C			loading case D		
L[mm]	F from allowable tension [N]	F from allowable deflection [N]	allowable load [N]	F from allowable tension [N]	F from allowable deflection [N]	allowable load [N]	F from allowable tension [N]	F from allowable deflection [N]	allowable load [N]	F from allowable tension [N]	F from allowable deflection [N]	allowable load [N]
250	2152	3075	2152	2152	4101	2152	1076	5217	1076	1076	1538	1076
500	1076	769	769	1076	1025	1025	538	1304	538	538	384	384
750	717	342	342	717	456	456	359	580	359	359	171	171
1000	538	192	192	538	256	256	269	326	269	269	96	96

ly mm ⁴	43390
lz mm ⁴	30510
Sc mm	16.857
St mm	18.144
A mm ²	195.47



All load ratings in NEWTON [N]



$$\sigma_{\max} = 160 \text{ N/mm}$$

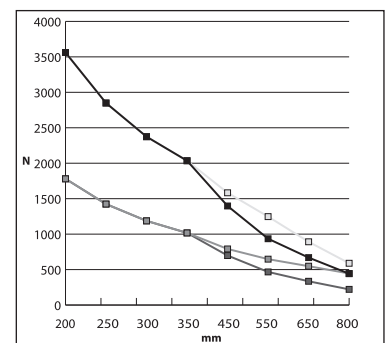
$$f_{\max} = l/200$$



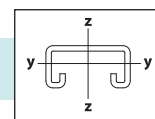
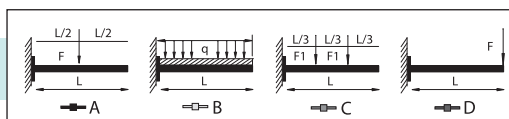
➤ 14.7 Load values for C-cantilever arms

C-E4	loading case A			loading case B			loading case C			loading case D		
L[mm]	F from allowable tension [N]	F from allowable deflection [N]	allowable load [N]	F from allowable tension [N]	F from allowable deflection [N]	allowable load [N]	F from allowable tension [N]	F from allowable deflection [N]	allowable load [N]	F from allowable tension [N]	F from allowable deflection [N]	allowable load [N]
200	3561	7070	3561	3561	9427	3561	1780	11994	1780	1780	3535	1780
250	2849	4525	2849	2849	6033	2849	1424	7676	1424	1424	2262	1424
300	2374	3142	2374	2374	4190	2374	1187	5331	1187	1187	1571	1187
350	2035	2309	2035	2035	3078	2035	1017	3916	1017	1017	1154	1017
450	1583	1397	1397	1583	1862	1583	791	2369	791	791	698	698
550	1295	935	935	1295	1247	1247	647	1586	647	647	467	467
650	1096	669	669	1096	892	892	548	1136	548	548	335	335
800	890	442	442	890	589	589	445	750	445	445	221	221

ly mm ⁴	58960
lz mm ⁴	44890
Sc mm	19.836
St mm	20.17
A mm ²	220.1



All load ratings in NEWTON [N]



$$\sigma_{\max} = 160 \text{ N/mm}$$

$$f_{\max} = l/200$$



➤ 14.8. The article numbers in numerical order

N°			N°			N°		
159441	TDHP MK2	50	170380	EBC	28	171970	24EM58	16
159442	BLADE SET	50	170390	J2CTBW	21	171980	6M58SM	14
160000	Ti04	12	170400	ATA41	60	172020	SR912	13
160010	Ti024	12	170410	J1CTBB	21	172030	S24	13
160020	Ti058	12	170420	AT541	60	172060	EM58SM	15
160030	Ti0912	12	170440	J2CTBB	21	172100	4MEBN	142
160040	812M4SM	14	170450	CT	74	172120	6MEBN	142
160050	812M24SM	14	170460	2H4/1012A	10	172130	8MEBN	142
160060	812M58SM	14	170470	2H4/1214A	10	172140	10MEBN	142
160070	812M912SM	14	170480	4H24/1012A	10	172150	8EP24	16
160120	812EM24	16	170490	4G24H	63	172160	8EP58	16
160130	812EM58	16	170500	4G24H-6	63	172170	EM24	172
160140	812EM912	16	170510	TGE	61	172180	EM58	172
160180	EBC812MSM	29	170530	EM24SM	15	172190	T10J1	172
160200	EBC812M	29	170610	J1CT	21	172200	EER	174
160220	T10J1	20	170630	4H24/1214A	10	172220	EM24SM16	172
160230	T10J2	20	170640	4H24/1214B	10	172230	EM58SM16	172
160240	122 T10	44	170650	4Z34	66	172240	EM912SM16	172
160250	EERT10	48	170650	4Z34 MAC2	66	172280	4G24H-6	173
160260	T10	71	170660	K8	70	172290	4G24M16-6	174
160280	T10B	71	170670	K12	70	172300	4G24M25-6	174
160290	4G24WN	64	170680	K16	70	172310	4G24M38-6	174
160300	MFASM25	104	170690	K20	70	172320	4H24	172
160310	MFAM6	104	170720	6Z34	66	172330	4H24CT	172
160320	M6GTD12-17	53	170720	6Z34 MAC2	66	172340	4H24ST3	173
160330	M8GTD12-17	53	170790	6M	73	172350	4H58	172
160340	M10GTD12-17	53	170830	2H4/1012B	10	172360	4H58CT	172
160350	M6GTD17-22	53	170840	2H4/1214B	10	172370	4H58ST3	173
160360	M8GTD17-22	53	170850	4H24/1012B	10	172380	4H912	172
160370	M10GTD17-22	53	170870	KX	70	172390	4H912CT	172
160380	10GTD12-17	53	170880	PCS1	69	172400	4H912ST3	173
160390	10GTD17-22	53	170900	M8Ti	71	172410	6VWN	174
160400	812MGTD12-17	53	170910	M10Ti	71	172420	S40	174
160410	812MGTD12-22	53	170990	812MPCS1	69	172440	J1	172
160420	123 812M	45	171000	6MPCS1	69	172450	4G24M16	174
160470	4H24CTIN	11	171050	4Z346M	67	172460	4J15M	173
160470	4H24CT-2	153	171060	4Z34812M	67	172470	SCB312	173
160480	4H58CTIN	11	171080	6Z346M	67	172480	SCB1220	173
160480	4H58CT-2	153	171090	6Z34812M	67	172490	DFF1	173
160490	4H912CTIN	11	171120	AB	71	172500	CADDY DISPLAY	171
160490	4H912CT-2	153	171130	8P (1)	74	172580	EBC6M	29
160510	SCA	24	171150	12P (1)	74	172590	EBC16M	29
160640	M6VKR	46	171160	6Z34TFB	67	172600	EBC20M	29
160650	M8VKR	46	171170	16P (1)	74	172610	EBC24M	29
160660	M10VKR	46	171220	8P8P (2)	74	172620	EBC32M	29
160700	OCDC	54	171230	8P12P (2)	74	172650	EBC6MSM	29
160710	M6TiOCDC	54	171240	8P16P (2)	74	172660	EBC16MSM	29
160720	M8TiOCDC	54	171250	12P12P (2)	74	172670	EBC20MSM	29
160730	M10TiOCDC	54	171260	12P16P (2)	74	172680	EBC24MSM	29
160740	T100CDC	54	171270	16P16P (2)	74	172690	EBC32MSM	29
160770	WDC	52	171470	EER	47	172700	EBC8P	31
160820	BTF24	79	171480	4H24ST3-2	152	172710	EBC12P	31
160830	BTF58	79	171490	16EM58	16	172720	EBC16P	31
160840	BTF912	79	171500	4H24ST3	9	172730	EBC8PSM	31
160910	WDCM6	52	171530	4H58ST3	9	172740	EBC12PSM	31
160920	WDCM8	52	171540	4H58ST3-2	152	172750	EBC16PSM	31
160930	WDCM10	52	171550	4H912ST3-2	152	172910	BR50	147
170010	2H4	8	171560	6VWN	63	172920	GR50	147
170020	4H24	8	171590	J2	19	172921	PTBM6	148
170030	4H58	8	171600	CT-2	153	172922	PTBM8	148
170040	4H912	8	171610	CNB812M	74	172930	DFF1	4
170050	EM24	15	171640	4H912ST3	9	172950	4Z34CT5	67
170060	EM58	15	171680	4G24M11	64	172960	6Z34CT5	67
170070	EM912	15	171690	122	43	172970	J2MAC2 P4	19
170100	16M	73	171700	123	45	172980	EBCMAC2	30
170110	20M	73	171710	4G24M16	64	172990	EBCM6MA	28
170120	24M	73	171720	20M24SM	14	173000	EBCM8MA	28
170130	32M	73	171730	4G24M25	64	173010	EBCM10MA	28
170140	4H24iX	9	171740	16EM24	16	173080	EERS	47
170150	4H24i	8	171750	6EM58	16	173090	PCS1 MAC2	69
170160	4H58iX	9	171760	S58	13	173100	PW2MAC2	57
170170	2H4CTBW	11	171770	S912	13	173110	2H4MAC2	10
170180	4H24CTBW	11	171800	20EM24	16	173120	EERM6Ti	48
170190	4H58CTBW	11	171810	SR24	13	173130	EERM8Ti	48
170200	4H912CTBW	11	171820	4G24M38	64	173140	EERM10Ti	48
170210	2H4CTBB	11	171830	4G24M51	64	173150	4H24MAC2	10
170220	4H24CTBB	11	171840	4G24M11-6	64	173160	4H58MAC2	10
170230	4G16H	63	171850	EM912SM	15	173170	EERM6MA	48
170240	4H58CTBB	11	171860	4G24M16-6	64	173180	EERM8MA	48
170250	4H58i	8	171870	4G16M51	63	173190	EERM10MA	48
170260	4H912CTBB	11	171880	4G16M76	63	173200	M6MAM6	70
170280	4H24CTBR-2	154	171890	4G16M38	63	173210	M8MAM8	70
170290	4J2438	62	171900	4G16M16	63	173220	M10MAM10	70
170300	4H58CTBR-2	154	171910	4G24M25-6	64	173230	M6MA4	12
170310	4H912CTBR-2	154	171920	4G24M38-6	64	173240	M6MA24	12
170350	J2CT	21	171940	4G24M51-6	64	173250	M6MA58	12
170360	J1CTBW	21	171950	20EM58	16	173260	M6MA912	12
170370	J1	19	171960	24EM24	16	173270	M8MA4	12

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173280	M8MA24	12	174870	M6TiJ1	20	178550	2H4CTIN	11
173290	M8MA58	12	174880	M6TiJ2	20	178550	2H4CT-2	153
173300	M8MA912	12	174890	122M6Ti	44	178590	4G16M7	63
173310	M10MA4	12	174900	M8Ti4	12	178600	4G16M11	63
173320	M10MA24	12	174910	M8Ti24	12	178860	4J15M	64
173330	M10MA58	12	174920	M8Ti58	12	179510	TDHiM8	49
173340	M10MA912	12	174930	M8Ti912	12	179610	4H24-2	152
173350	M6MAJ1	20	174940	M8TiB	71	179620	4H58-2	152
173360	M8MAJ1	20	174960	M8TiJ1	20	179630	4H912-2	152
173370	M10MAJ1	20	174970	M8TiJ2	20	179650	8M24SM-2	154
173380	M6MAJ2	20	174980	122M8Ti	44	179660	8M58SM-2	154
173390	M8MAJ2	20	174990	M10Ti4	12	179670	8M912SM-2	154
173400	M10MAJ2	20	175000	M10Ti24	12	179690	12M24SM-2	154
173410	4H912MAC2	10	175010	M10Ti58	12	179700	12M58SM-2	154
173420	2H4ST3	9	175020	M10Ti912	12	179710	12M912SM-2	154
173430	M6MAB	72	175030	M10TiB	71	179720	EM24-2	155
173440	M8MAB	72	175050	M10TiJ1	20	179730	EM58-2	155
173450	M10MAB	72	175060	M10TiJ2	20	179740	EM912-2	155
173460	IDSM16	61	175070	122M10Ti	44	179750	EM24SM-2	155
173480	J1MAC 2 P4	19	175100	8EP912	16	179760	EM58SM-2	155
173550	6EM24	16	175110	12EP24	16	179770	EM912SM-2	155
173560	6EM912	16	175120	12EP58	16	179780	8EM24-2	156
173570	16EM912	16	175130	12EP912	16	179790	8EM58-2	156
173580	20EM912	16	175140	16EP24	16	179800	8EM912-2	156
173590	24EM912	16	175150	16EP58	16	179810	12EM24-2	156
173600	32EM24	16	175160	16EP912	16	179820	12EM58-2	156
173610	32EM58	16	175170	8P4SM	14	179830	12EM912-2	156
173620	32EM912	16	175180	8P24SM	14	179840	4TGS	62
173630	6M4SM	14	175190	8P58SM	14	179850	VF14	18
173640	6M24SM	14	175200	8P912SM	14	179860	AF14	18
173650	6M912SM	14	175210	12P4SM	14	179900	8M-2	156
173710	16M4SM	14	175220	12P24SM	14	179910	12M-2	156
173720	16M24SM	14	175230	12P58SM	14	179920	TDH	49
173730	16M58SM	14	175240	12P912SM	14	179930	TDHM6	49
173740	16M912SM	14	175250	16P4SM	14	179940	TDHM8	49
173750	20M4SM	14	175260	16P24SM	14	179945	TDHAM8	49
173770	20M58SM	14	175270	16P58SM	14	179950	TDHM10	49
173780	20M912SM	14	175280	16P912SM	14	179955	TDHAM10	49
173790	24M4SM	14	175290	8P4iN	15	181050	CAT64	88
173800	24M58SM	14	175300	8P24iN	15	181055	CAT64PLR	90
173810	24M912SM	14	175310	8P58iN	15	181100	CAT 12	88
173820	32M4SM	14	175320	12P4iN	15	181110	CAT 21	88
173830	32M24SM	14	175330	16P4iN	15	181120	CAT 32	88
173840	32M58SM	14	175480	S4	13	181130	CAT 425	89
173850	32M912SM	14	175540	SR4	13	181140	CD0B	73
174340	SLICK M8	102	175550	SR58	13	181150	CD2B	73
174350	SLICK M10	102	175590	PW2	55	181180	BC200	35
174360	SLICK 50 M8	102	175600	PW2M6Ti IN	55	181190	CD1B	73
174370	SLICK 70 M8	102	175610	PW2M8Ti IN	55	181200	CAT 12 TS	65
174380	SLICK 90 M8	102	175620	PW2M10Ti IN	55	181210	CAT 21528	65
174390	SLICK 110 M8	102	175630	PW2T10Ti IN	55	181220	CAT 32528	65
174400	SLICK 130 M8	102	175640	ECTB1	143	181230	CAT TRC	88
174410	SLICK 50 M10	102	175650	ECTB2	143	181240	CAT 12 4Z34	68
174420	SLICK 70 M10	102	175660	ECTB3	143	181250	CAT 21 4Z34	68
174430	SLICK 90 M10	102	175670	ECTB4	143	181260	CAT 32 4Z34	68
174440	SLICK 110 M10	102	175690	PW2-CT	56	181270	CAT 12 6Z34	68
174450	SLICK 130 M10	102	175730	PW2 M6MA	56	181280	CAT 21 6Z34	68
174460	SLICK M6	102	175740	PW2 M8MA	56	181290	CAT 32 6Z34	68
174550	SLICK M12	102	175750	PW2 M10MA	56	181300	CAT 12 EBC	32
174560	ESC-4	105	175760	EM912	172	181310	CAT 21 EBC	32
174565	CAT 21ESC	106	175800	M6VKR	173	181320	CAT 32 EBC	32
174570	CAT 32ESC	106	175810	M8VKR	173	181330	CAT 12 EBCB	32
174575	M6TiESC	105	175820	M10VKR	173	181340	CAT 21 EBCB	32
174580	M8TiESC	105	175830	TKN8	174	181350	CAT 32 EBCB	32
174585	M10TiESC	105	175840	TKN10	174	181360	CAT 425 EBC	32
174590	T10ESC	105	175850	812M	173	181370	CD2,5B	73
174595	ESC6M	106	175860	M6Ti24	173	181380	CD3B	73
174600	ESC812M	106	175870	M6Ti58	173	181390	CD4B	73
174605	ESC16M	106	175880	HB2-1	174	181400	CAT 12BC 200	32
174610	ESC20M	106	175890	HB2-3	174	181410	CAT 21BC 200	32
174615	ESCM6MA	107	175900	INC8	174	181420	CAT 32BC 200	32
174620	ESCM8MA	107	175910	TKNM6	174	181430	CAT 12BC 200B	32
174625	ESCM10MA	107	175950	ECTB5	143	181440	CAT 21BC 200B	32
174680	122 M6MA	43	176690	24M24SM	14	181450	CAT 32BC 200B	32
174690	122 M8MA	43	176720	123 8P	45	181460	CAT 425BC 200	32
174700	122 M10MA	43	176730	123 12P	45	181470	CD5B	73
174760	123 6M	45	176740	123 16P	45	181480	CD6B	73
174790	123 16M	45	176780	4J2438SM	62	181490	CD7B	73
174800	M6Ti	71	176880	4G16M25	63	181500	CD8B	73
174810	M6Ti4	12	177130	812M	73	181510	CAT 1224 SM	17
174820	M6Ti24	12	177190	812MATA	60	181520	CAT 1258 SM	17
174830	M6Ti58	12	177200	812MAT5	60	181530	CAT 12912 SM	17
174840	M6Ti912	12	177450	T4	142	181540	CD9B	73
174850	M6TiB	71	177760	123 20M	45	181550	CAT 2124 SM	17
			178510	2H4CT	11	181560	CAT 2158 SM	17
			178520	4H24CT	11	181570	CAT 21912 SM	17
			178530	4H58CT	11	181580	STCB10M	113
			178540	4H912CT	11	181590	CAT 3224 SM	17



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181600	CAT 3258 SM	17	187192	TPC 112	149	190510	UBHT 35	77
181610	CAT 32912 SM	17	187193	TPC 238	149	190520	UBHT 50	77
181620	CAT 42524 SM	17	187194	TSGB16112	149	190530	UBH 35 M6	76
181630	CAT 42558 SM	17	187195	TSGB24112	149	190540	UBH 50 M6	76
181640	CAT 425912 SM	17	187197	SMS 8	149	190600	SCTC-A	78
181650	CAT 1224	17	187260	HW4	51	190620	BCTC	78
181660	CAT 1258	17	187270	HW6	51	190630	PCH6	78
181670	CAT 12912	17	187280	HW8	51	190640	PCH8	78
181680	CAT 2124	17	187290	HW10	51	190650	PCH8WR	78
181690	CAT 2158	17	187300	HW12	51	190800	ISSP	101
181700	CAT 21912	17	187310	VKM6	141	190810	ISSP M6	101
181710	CAT 3224	17	187320	VKM8	141	190820	ISSP M8	101
181720	CAT 3258	17	187330	VKM10	141	190830	ISSP M10	101
181730	CAT 32912	17	187340	ISNM6	101	195800	CADDY SPEED LINK SL2/1	2
181800	CAT 12 VF14	22	187340	ISNM6	141	195801	SL2/1 BP	172
181810	CAT 21 VF14	22	187350	ISNM8	101	195805	CADDY SPEED LINK SL2/2	2
181820	CAT 32 VF14	22	187350	ISNM8	141	195806	SL2/2 BP	172
181830	CAT 425 VF14	22	187360	ISNM10	101	195810	CADDY SPEED LINK SL2/3	2
181840	CAT 12 AF14	22	187360	ISNM10	141	195811	SL2/3 BP	172
181850	CAT 21 AF14	22	187370	LR1	26	195815	CADDY SPEED LINK SL2/5	2
181860	CAT 32 AF14	22	187380	LR2	26	195820	CADDY SPEED LINK SL2/10	2
181870	CAT 425 AF14	22	187390	LB3B	26	195825	CADDY SPEED LINK SL3/1	2
181880	CAT 425WM	89	187400	LF2	25	195830	CADDY SPEED LINK SL3/2	2
181900	CAT 12 AB	65	187410	LF3	25	195832	SL3/2 BP	172
181910	CAT 21 AB	65	187420	LF4	26	195835	CADDY SPEED LINK SL3/3	2
181920	CAT 32 AB	65	187430	LF5	26	195837	SL3/3 BP	172
181930	CAT600R	90	187440	HK21	25	195840	CADDY SPEED LINK SL3/5	2
181940	CAT600WM	90	187450	HK22	25	195845	CADDY SPEED LINK SL3/10	2
181950	CAT 12 CD1B	68	187460	HK23	25	195851	SLADCP	3
181960	CAT 21 CD1B	68	187500	475C67	23	195852	SLADS	3
181970	CAT 32 CD1B	68	187510	245C67	23	195853	SLWC	2
181975	CAT32CM50	72	187520	475C89	23	195854	SLESM6 x 30	3
181976	CAT100CM	91	187530	245C89	23	195856	SLESM8 x 40	3
181980	CAT TRMF 6 x 10 mm	88	187540	475C1011	23	195858	SLESH6 x 60	3
181981	CAT200CM	91	187550	245C1011	23	195859	SLWPT	4
181982	CAT200CMLN	91	187560	475C1214	23	195860	SL1214	4
181983	CAT300CM	91	187570	245C1214	23	195861	SL1518	4
181984	CAT300CMLN	91	187580	475C1518	23	195863	SLLC250	4
181987	CATTBCM	91	187590	245C1518	23	195865	SL WIRE CABLE 2MM 1M SP	2
181988	CATRL200CM	91	187600	475C1924	23	195870	SL WIRE CABLE 2MM 2M SP	2
181989	CATRL300CM	91	187610	245C1924	23	195875	SL WIRE CABLE 2MM 3M SP	2
181990	CAT TRMF 6 x 16 mm	88	187620	475C2530	23	195880	SL WIRE CABLE 2MM 5M SP	2
181991	CATRT200CM	91	187630	245C2530	23	195885	SL WIRE CABLE 2MM 10M SP	2
181992	CATRT300CM	91	187640	8125C67	23	195890	SL WIRE CABLE 3MM 1M SP	2
181994	CATWMC	91	187650	8125C89	23	195895	SL WIRE CABLE 3MM 2M SP	2
181995	CATMTLS	148	187660	8125C1011	23	195900	SL WIRE CABLE 3MM 3M SP	2
181996	WCTM	97	187670	8125C1214	23	195905	SL WIRE CABLE 3MM 5M SP	2
182150	PH6M	58	187680	8125C1518	23	195910	SL WIRE CABLE 3MM 10M SP	2
182160	PH8M	58	187690	8125C1924	23	195920	CADDY SPEED LINK SLD15L2	2
182170	PH10M	58	187700	8125C2530	23	195925	CADDY SPEED LINK SLD15L5	2
182180	PHSW6M	58	187710	245C78	23	195930	CADDY SPEED LINK SLD15L10	2
182190	PHSW8M	58	187720	475C78	23	195935	CADDY SPEED LINK SLD15L25	152
182200	PHSW10M	58	187730	8125C78	23	195940	CADDY SPEED LINK SLD15L55	152
182210	BC200/CD0B	35	187740	HSC78	46	195945	CADDY SPEED LINK SLD15L105	152
182220	BC200/CD1B	35	187750	245C910	23	195950	CADDY SPEED LINK SLD15L1	2
182230	BC200/CD2B	35	187760	475C910	23	195955	CADDY SPEED LINK SLD15L3	2
182240	BC200/CD2.5B	35	187770	8125C910	23	195990	CADDY SPEED LINK DISPLAY	171
182250	BC200/CD3B	35	187780	HSC910	46	310061	DDC30-1 21 x 41 mm	94
182280	CAT32PLR	90	188080	SCB312	24	310071	DDC60-1 21 x 41 mm	94
182300	CADDY CAT TRAX 25	91	188090	SCB1220	24	310080	DDC30-2	160
182450	PPRPS25H4	5	188100	MLT2H-2	170	310090	DDC60-2	160
182460	PPRPS25H6	5	188110	TRN200N	148	310101	DDC 30-3	84
182470	RPS50H4EG	5	188120	TRN200B	148	310101	DDC30-3 21 x 41 mm	94
182480	RPS50H6EG	5	188130	TRN290N	148	310111	DDC 60-3	84
182490	RPS50AHSV	5	188140	TRN290B	148	310111	DDC60-3 21 x 41 mm	94
182500	RPS50H4HD	5	188150	TRN370N	148	310181	AAC30-1 41 x 41 mm	95
182510	RPS50H6HD	5	188160	TRN370B	148	310191	AAC60-1 41 x 41 mm	95
182515	RPS50H4MCP	5	188170	SCD12-17	52	310200	AAC30-2	160
182520	RPS50H6MCP	5	188180	SCD17-22	52	310210	AAC60-2	160
182580	RPS150T3	6	188190	87182	25	310221	AAC 30-3	84
182590	RPS150T4	6	188200	87186	25	310221	AAC30-3 41 x 41 mm	95
182620	RPS300T3	6	188470	ESG1	150	310222	AAC40-3 41 x 41 mm	95
182630	RPS300T4	6	188480	MSP20	150	310231	AAC 60-3	84
182650	RPS600T4	6	188720	HW4M	51	310231	AAC60-3 41 x 41 mm	95
182680	RPS150T7	6	188740	HW6M	51	310241	DC30-1 21 x 41 mm	94
182690	RPS150T8	6	188760	HW6SR	51	310255	DC60-1 21 x 41 mm	94
182700	RPS300T7	6	188770	HW6ST	51	310265	DC60-2 21 x 41 mm	163
182710	RPS300T8	6	188780	HW8M	51	310281	DC30-3 21 x 41 mm	94
182720	RPS600T8	6	188800	HW8SR	51	310283	DC40-1 21 x 41 mm	94
186000	HSC67	46	188810	HW8ST	51	310286	DC40-3 21 x 41 mm	94
186010	HSC89	46	188820	HW10SR	51	310291	DC60-3 21 x 41 mm	94
186020	HSC1011	46	188830	PHW4	51	310299	AC30-1 41 x 41 mm	95
186030	HSC1214	46	188840	PHW6	51	310311	AC60-1 41 x 41 mm	95
186040	HSC1518	46	188850	PHW8	51	310326	AC60-2 41 x 41 mm	163
186050	HSC1924	46	190330	VAFT tool	18	310332	AC40-3 41 x 41 mm	95
186060	HSC2530	46	190440	512600MM	61	310333	AC40-1 41 x 41 mm	95
187190	TSGB 16	149	190490	UBH 35 M8	76	310339	AC30-3 41 x 41 mm	95
187191	TSGB 24	149	190500	UBH 50 M8	76	310358	AC60-3 41 x 41 mm	95

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310360	AS30-1	94
310370	AS60-1	94
310400	AS30-3	94
310410	AS60-3	94
311401	CAAC30-3 300 mm	97
311409	CAAC40-3 400 mm	97
311411	CAAC45-3 450 mm	97
311419	CAAC50-3 500 mm	97
311421	CAAC60-3 600 mm	97
311431	CAAC75-3 750 mm	97
311439	CAAC80-3 800 mm	97
311441	CAAC90-3 900 mm	97
311451	CAAC105-31050 mm	97
311649	CDC15-3 150 mm	96
311657	CDC15-1 150 mm	96
311658	CDC15-2 150 mm	164
311659	CDC30-3 300 mm	96
311662	CDC30-2 300 mm	164
311667	CDC30-1 300 mm	96
311668	CDC45-2 450 mm	164
311669	CDC45-3 450 mm	96
311677	CDC45-1 450 mm	96
311680	CLDC15-3 150 mm	96
311681	CLDC15-1 150 mm	96
311685	CLDC30-3 300 mm	96
311686	CLDC30-1 300 mm	96
311690	CLDC45-3 450 mm	96
311691	CLDC45-1 450 mm	96
311693	CAC15-2 150 mm	164
311694	CAC30-2 300 mm	164
311695	CAC45-2 450 mm	164
311696	CAC60-2 600 mm	164
311697	CAC75-2 750 mm	164
311698	CAC100-2 1000 mm	164
311702	CAC15-3 150 mm	97
311703	CAC20-3 200 mm	97
311707	CAC15-1 150 mm	97
311708	CAC20-1 200 mm	97
311713	CAC30-3 300 mm	97
311717	CAC30-1 300 mm	97
311718	CAC45-3 450 mm	97
311728	CAC45-1 450 mm	97
311729	CAC50-1 500 mm	97
311731	CAC60-1 600 mm	97
311732	CAC50-3 500 mm	97
311733	CAC60-3 600 mm	97
311756	CAC75-1 750 mm	97
311757	CAC75-3 750 mm	97
311758	CAC100-3 1000 mm	97
311759	CAC120-3 1200 mm	97
311760	CAC150-3 1500 mm	97
311761	CAC200-3 2000 mm	97
311805	CDDC30-3 300 mm	96
311815	CDDC45-3 450 mm	96
311825	CDDC60-3 600 mm	96
311835	CDDC75-3 750 mm	96
311840	ZWA 223	98
311841	ZWA 224	98
311842	ZWA 225	98
311843	ZWA 226	119
311844	ZWA 227	119
311845	ZWA 228	119
311846	ZWA 229	119
311900	SNA-3	98
311905	SNZ-1	98
311920	CTRI12-3 120 mm	98
311925	CTRI16-3 160 mm	98
311930	CTRI21-3 210 mm	98
311935	CTRI26-3 260 mm	98
311940	CTRI31-3 310 mm	98
311945	CTRI41-3 410 mm	98
311950	CTRI51-3 510 mm	98
311955	CTRI61-3 610 mm	98
313000	ZE 100	108
313010	ZE 101	108
313020	ZE 102	108
313040	ZE 104	108
313070	ZE 107	108
313080	ZE 108	108
313120	ZU 400	113
313260	ZT 605	113
313270	ZT 606	113
313271	ZT606-2	166
313280	ZT 607	113

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313281	ZT607-2	167
313301	ADK E0L	126
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313823	ZGA 507	111
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313850	ZZ 702	119
313870	ZZ 704	119
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315000	UM 506	100
315010	UM 608	100
315015	UM608 P1	100
315020	UM 810	100
315025	UM810 P1	100
315030	UM 812	100
315035	UM812 P1	100
315040	UD 506	100
315045	UD506 P1	100
315050	UD 608	100
315055	UD608 P1	100
315060	UD 810	100
315065	UD810 P1	100
315070	UD 812	100
315075	UD812 P1	100
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315090	UA 608	100
315095	UA608 P1	100
315100	UA 810	100
315105	UA810 P1	100
315110	UA 812	100
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330520	AAC10-2	160
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336190	SM8-2	157	337660	C 36EC	122	385870	CHK25K	139
336200	SPP6	36	337670	C 40EC	122	385880	CHK27K	139
336210	SPP8	36	337680	C 44EC	122	385890	CHK30K	139
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336230	SPP 8-2	157	337700	C 52EC	122	385910	CHN15K	139
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336330	CR37	36	337760	C 82EC	122	386820	TKN M10	33
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336420	CR28-2	157	337820	C20GW	39	387450	ZEA 110	109
336430	CR37-2	157	337830	C24GW	39	387500	ZEA 100	108
336440	CR42-2	157	337840	C28GW	39	387510	ZEA 101	108
336450	CR48-2	157	337850	C32GW	39	387520	ZEA 102	108
336460	CR60-2	157	337860	C36GW	39	387522	ZEA 102-2	165
337000	C 12ES	40	337870	C40GW	39	387530	ZEA 103	109
337010	C 16ES	40	337890	C48GW	39	387532	ZEA 103-2	165
337020	C 20ES	40	337900	C56GW	39	387540	ZEA 104	108
337030	C 24ES	40	337940	C70GW	39	387542	ZEA 104-2	165
337040	C 28ES	40	337950	C76GW	39	387550	ZEA 105	109
337050	C 32ES	40	337960	C82GW	39	387560	ZEA 106	109
337060	C 36ES	40	337970	C88GW	39	387570	ZEA 107	108
337070	C 40ES	40	337980	C94GW	39	387572	ZEA 107-2	166
337080	C 44ES	40	337990	C100GW	39	387580	ZEA 108	108
337090	C 48ES	40	338000	C64GW	39	387590	ZEA 109	109
337100	C 52ES	40	338001	C20HW	37	387600	ZWA 200	115
337110	C 56ES	40	338002	C32HW	37	387610	ZWA 201	115
337120	C 60ES	40	338003	C44HW	37	387620	ZWA 202	115
337130	C 64ES	40	338004	C56HW	37	387625	ZWA202-2	167
337140	C 70ES	40	338100	C 12EB	126	387630	ZWA 203	116
337150	C 76ES	40	338110	C 16EB	126	387640	ZWA 204	116
337160	C 82ES	40	338120	C 20EB	126	387650	ZWA 205	115
337170	C 88ES	40	338130	C 24EB	126	387660	ZWA 206	116
337180	C 94ES	40	338140	C 28EB	126	387670	ZWA 207	116
337190	C100ES	40	338150	C 32EB	126	387675	ZWA 207L	116
337200	C 14ERU	39	338160	C 36EB	126	387680	ZWA 208	116
337210	C 20ERU	39	338170	C 40EB	126	387690	ZWA 209	117
337220	C 26ERU	39	338180	C 44EB	126	387700	ZTA 601 21-41	112
337230	C 32ERU	39	338190	C 48EB	126	387710	ZTA 601-2	165
337240	C 38ERU	39	338200	C 52EB	126	387720	ZZA 702	119
337250	C 44ERU	39	338210	C 56EB	126	387730	ZSA 300	111
337260	C 52ERU	39	338220	C 60EB	126	387731	ZSA 300-2	166
337270	C 60ERU	39	338230	C 64EB	126	387740	ZSA 301	112
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337310	C 16EU	38	338330	C 32/3ERU	40	387780	ZUA 403	114
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337325	C20-2EU	38	339510	C16LW	39	387820	ZUA 407	114
337326	C20-3EU	38	339520	C20LW	39	387830	ZUA 408	114
337330	C 24EU	38	339530	C24LW	39	387832	ZUA 410	114
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337350	C 32EU	38	339550	C32LW	39	387850	ZWA 218 45°	118
337355	C32-2EU	38	339560	C36LW	39	387860	ZWA 211	117
337356	C32-3EU	38	339570	C40LW	39	387870	ZWA 212	117
337360	C 36EU	38	339580	C44LW	39	387880	ZWA 213	117
337366	C44-3EU	38	339590	C48LW	39	387890	ZWA 214	117
337370	C 40EU	38	339600	C52LW	39	387900	ZWA 215	118
337380	C 44EU	38	339610	C56LW	39	387910	ZWA 216	118
337385	C44-2EU	38	339620	C60LW	39	387920	ZWA 219 45°	115
337390	C 48EU	38	339630	C64LW	39	387930	ZWA 217	118
337400	C 52EU	38	339640	C70LW	39	387940	ZWA 221	118
337410	C 56EU	38	339650	C76LW	39	387950	ZWA 222	118
337415	C52-2EU	38	339660	C82LW	39	387960	ZSA 302	112
337416	C52-3EU	38	339670	C88LW	39	387970	ZSA 303	112
337420	C 60EU	38	339680	C94LW	39	387980	ZWA 220	116
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337440	C 70EU	38	350000	4H24Di	13	388110	ZSA 304	112
337450	C 76EU	38	350100	42020	138	388111	ZSA 305	112
337460	C 82EU	38	350110	42021	138	388120	ZGA 500	110
337470	C 88EU	38	350120	42022	138	388270	ZGA 501	110
337480	C 94EU	38	350130	42023	138	388350	SWIVEL 6000HB	85
337490	C100EU	38	350140	42024	138	388360	ZGA 502	110
337600	C 12EC	122	350150	42025	138	388370	ZGA 503	110
337610	C 16EC	122	380050	KN30	139	388380	ZGA 504	110

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388761	ZWA205-2	167
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389500	TKN 8	33
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389890	BTk M10	34
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570140	2200	80
570150	2250	80
570160	2300	80
570170	2350	80
570180	2400	80
570240	2025	80
570300	2001	80
570310	2002	80
570320	2003	80
570330	2004	80
570340	2005	80
570350	2006	80
570410	3300	81
570420	3400	81
570430	3500	81
570440	3600	81
570500	3025	81
570560	3001	81
570570	3002	81
570580	3003	81
570590	3004	81
570700	FPN5	144
570710	FPN6	144
570720	FPN8	144
570730	FPN10	144
570740	FPN12	144
570750	UPN6	144
570760	UPN8	144
570770	UPN10	144
570780	UPN12	144
570790	NPn530	144
570800	NPn640	144
570810	NPn660	144
570820	NPn680	144
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571150	RING FRf 018 /1	145
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571170	RING FRf 022 /1	145
571180	RING FRf 025 /1	145
571190	RING FRf 028 /1	145
571200	RING FRf 016 /2	145
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571560	RING PLUS FRf 20	145
571570	RING PLUS FRf 25	145
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583590	RTUM10C	142
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583620	RTUM12L	142
583630	RTUM10L30	142
583640	RTUM10L60	142
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583980	ABP17Cu	136
583990	ABP26Cu	136
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584455	MTVB8(VdS)	146
584460	MTGD10	146
584465	MTVB10(FM)	146
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584490	C-FIX M8 x 100	133
584500	C-FIX M6	133
584510	C-FIX M8	133
584520	C-FIX M10	133
584530	C-FIX M8 x 30	133
584540	C-FIX M8 x 40	133
584550	C-FIX M8 x 60	133
584560	C-FIX M10 x 40	133
584570	C-FIX M10 x 60	133
584580	C-FIX M8 x 150	133
584596	WSL 28-8 42703	103
584597	WSL 28-10	103
584598	WSL 35-8	103
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584600	WSL 40-8	103
584610	WSL 40-10	103
584611	WSL 40-13 42705	103
584612	WSL 40-17	103
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584640	C-FIX M10 x 80	133
584650	C-FIX M10 x 100	133
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584662	EB25 135°	127
584666	EBL25 90°	127
584668	EBL25 135°	127
584670	SH-SG E0	132
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584673	SH-LG E4	132
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584751	APY E4	131
584758	APY EOL/EO/E1	131
584820	APX 21/41-2	168
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585010	KP 8 x 60	134
585020	KP 10 x 30	134
585030	KP 10 x 40	134

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585050	KP 8 x 30	134
585060	KP 8 x 50	134
585110	BF E4 M8	133
585120	BF E0-E3 M6	133
585200	WSL 28-6	103
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585260	ECN E2L/E2/E3 M8	129
585270	ECN E2L/E2/E3 M10	129
585380	ADK E1	126
585400	ADK E3	126
585430	ECN UNI M6	128
585440	ECN UNI M8	128
585450	ECN UNI M10	128
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585480	E 2L 2 m 34 x 20 x 1,5	124
585500	E 1 2 m 30 x 15 x 2	124
585540	E 3 6 m 35 x 35 x 2	124
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585560	E 3 2 m 35 x 35 x 2	124
585780	RAC E3	130
585860	C-E3 35 x 35 250 mm	125
585870	C-E3 35 x 35 500 mm	125
585880	C-E3 35 x 35 750 mm	125
585890	C-E3 35 x 35 1000 mm	125
587500	EB35 135°	127
587510	EBL35 90°	127
587520	EBL35 135°	127
587530	EB35 90°	127
588240	PLN E0-8,4 mm	128
588250	PLN E0-10,5 mm	128
588260	PLN E1/E2-8,4 mm	128
588270	PLN E1/E2-10,5 mm	128
588280	PLN E3/E4-8,4 mm	128
588285	PLN E3/E4—10,5 mm	128
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588725	RAC E4	130
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589928	PLN 50 x 40-11 P2	165
589930	PLN42 x 30-10,5	103
589940	PLN42 x 30-13,0	103
589980	KIT U450 silent	99
589990	KIT U600 silent	99
590000	KIT U450	99
590010	KIT U600	99
590074	KP27 M8 x 20	134
590075	KP27 M8 x 25	134
590076	KP27 M8 x 30	134
590077	KP27 M8 x 40	134
590078	KP27 M8 x 50	134
590079	KP27 M8 x 60	134
590080	TMN 41-8 x 40	103
590082	KP27 M8 x 80	134
590083	KP27 M8 x 100	134
590087	KP27 M10 x 30	134
590088	KP27 M10 x 35	134
590089	KP27 M10 x 50	134
590090	TMN 41-10 x 40	103
590093	TMN 41-8 x 40-2	161
590094	TMN 41-10 x 40-2	161
590095	TMN 41-12 x 40-2	161
590100	TMN 41-12 x 40	103
590200	KP38 M8 x 35	134
590201	KP38 M8 x 25	134
590202	KP38 M8 x 50	134
590203	KP38 M8 x 80	134
590204	KP38 M8 x 100	134
590207	KP38 M10 x 35	134
590208	KP38 M10 x 80	134
590210	KP38 M8 x 40	134
590220	TMN 41-8 x 30	103
590221	TMN 41-8 x 50	103
590222	TMN 41-8 x 60	103
590223	TMN 41-8 x 100	103
590224	TMN 41-10 x 50	103
590225	TMN 41-10 x 60	103
590226	TMN 41-10 x 70	103
590227	TMN 41-10 x 80	103
590228	TMN 41-10 x 90	103
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591200	FEI10	138
591210	FEI12	138
591220	FEI16	138
591230	FEI20	138



➤ 14.8. The article numbers in numerical order

N°			N°			N°		
591250	BEI10	138	597500	C-E2 34 x 20 200 mm	125	599970	C-E4 38 x 40 450 mm	125
591260	BEI12	138	597510	C-E2 34 x 20 300 mm	125	599980	C-E4 38 x 40 550 mm	125
591270	BEI16	138	597581	TBH K DG 10,5	50	599990	C-E4 38 x 40 650 mm	125
591280	BEI20	138	597582	TBH K M8	50	599995	C-E4 38 x 40 800 mm	125
591290	TOOL	137	597583	TBH K M10	50	599996	E 0L 2 m 27 x 18 x 1,25	124
591350	BP17	136	597584	TBH K AM8	50	599997	E 0 2 m 27 x 30 x 1,5	124
591360	BP25	136	597585	TBH K AM10	50	599998	E 4 2 m 38 x 40 x 2	124
591500	CHN15K-2	169	597586	TBH G DG 10,5	50	599999	E 4 6 m 38 x 40 x 2	124
591510	CHN17K-2	169	597587	TBH G M8	50	600000	E 4 3 m 38 x 40 x 2	124
591570	S30	139	597588	TBH G M10	50			
591580	S40	139	598811	OD 6-8 mm	121			
591590	S50	139	598812	OD 8-11 mm	121			
591650	S40-2	169	598813	OD 11-12 mm	121			
591660	S50-2	169	598814	OD 15-17 mm	121			
592040	HM6	140	598815	OD 18-20 mm	121			
592050	HM8	140	598816	OD 21-23 mm	121			
592060	HM10	140	598817	OD 23-26 mm	121			
592070	HM12	140	598818	OD 26-29 mm	121			
592130	HM6-2	170	598819	OD 29-32 mm	121			
592140	HM8-2	170	598822	OD 32-36 mm	121			
592150	HM10-2	170	598823	OD 36-39 mm	121			
592160	HM12-2	170	598824	OD 39-42 mm	121			
592300	EM6	140	598825	OD 42-45 mm	121			
592310	EM8	140	598826	OD 46-50 mm	121			
592320	EM10	140	598827	OD 50-54 mm	121			
592330	EM12	140	598828	OD 52-56 mm	121			
592390	MU06	140	598829	OD 56-60 mm	121			
592400	MU08	140	598831	OD 60-63 mm	121			
592410	MU10	140	598832	OD 62-64 mm	121			
592415	MU 10-3	101	598833	OD 64-67 mm	121			
592420	MU12	140	598834	OD 67-71 mm	121			
592480	MU06-2	170	598835	OD 71-74 mm	121			
592490	MU08-2	170	598836	OD 74-77 mm	121			
592500	MU10-2	170	598837	OD 77-80 mm	121			
592510	MU12-2	170	598838	OD 83-86 mm	121			
592570	1TFZ6	140	598839	OD 86-90 mm	121			
592580	2TFZ6	140	598842	OD 96-100 mm	121			
592590	1TFZ8	140	598843	OD 100-103 mm	121			
592600	2TFZ8	140	598844	OD 109-112 mm	121			
592610	1TFZ10	140	598845	OD 112-115 mm	121			
592620	2TFZ10	140	598846	OD 115-118 mm	121			
592630	1TFZ12	140	598847	OD 125-128 mm	121			
592640	2TFZ12	140	598848	OD 132-135 mm	121			
592650	3TFZ6	140	598849	OD 135-138 mm	121			
592660	3TFZ8	140	598853	OD 138-141 mm	121			
592670	3TFZ10	140	598854	OD 148-151 mm	121			
592680	3TFZ12	140	598855	OD 157-160 mm	121			
592700	1TFZ6-2	170	598856	OD 160-164 mm	121			
592710	2TFZ6-2	170	598857	OD 164-167 mm	121			
592720	1TFZ8-2	170	598858	OD 167-170 mm	121			
592730	2TFZ8-2	170	598859	OD 176-179 mm	121			
592740	1TFZ10-2	170	598862	OD 179-182 mm	121			
592750	2TFZ10-2	170	598863	OD 189-192 mm	121			
592760	1TFZ12-2	170	598864	OD 196-200 mm	121			
592770	2TFZ12-2	170	598865	OD 218-221 mm	121			
592850	THMF 8 x 16	141	599100	U-BOLT 1/4"	122			
592860	THMF 10 x 25	141	599110	U-BOLT 3/8"	122			
592870	THMF 10 x 30	141	599120	U-BOLT 1/2"	122			
593090	CL6	147	599130	U-BOLT 3/4"	122			
593100	CL8	147	599140	U-BOLT 1"	122			
593110	CL10	147	599150	U-BOLT 1 1/4"	122			
593150	H6	147	599160	U-BOLT 1 1/2"	122			
593160	H8	147	599170	U-BOLT 2"	122			
593170	H10	147	599180	U-BOLT 2 1/2"	122			
593180	CA6	147	599190	U-BOLT 3"	122			
593190	CA8	147	599200	U-BOLT 4"	122			
593200	CA10	147	599210	U-BOLT 4 3/4"	122			
593210	CF8	147	599220	U-BOLT 5"	122			
593220	CF10	147	599230	U-BOLT 5 1/2"	122			
593270	VDF 8 x 50	143	599240	U-BOLT 6"	122			
593280	VDF 8 x 60	143	599250	U-BOLT 8"	122			
593290	VDF 8 x 70	143	599260	U-BOLT 10"	122			
593300	VDF 8 x 80	143	599270	U-BOLT 12"	122			
593310	VDF 8 x 100	143	599280	U-BOLT 193mm	122			
593320	VDF 8 x 50C	143	599879	C-E0L 27 x 18 180 mm	125			
593330	VDF 10 x 60	143	599880	C-E0L 27 x 18 300 mm	125			
593340	VDF 10 x 80	143	599885	C-E0 27 x 30 180 mm	125			
593350	VDF 10 x 100	143	599890	C-E0 27 x 30 240 mm	125			
593360	VDF 10 x 110	143	599900	C-E0 27 x 30 300 mm	125			
593370	VDF 10 x 120	143	599905	C-E0 27 x 30 360 mm	125			
593400	VDF 8 x 120	143	599910	C-E0 27 x 30 420 mm	125			
593410	VDF 8 x 150	143	599920	C-E0 27 x 30 540 mm	125			
593420	VDF 8 x 200	143	599925	C-E0 27 x 30 660 mm	125			
593560	VDF 10 x 50	143	599930	C-E0 27 x 30 780 mm	125			
593570	VDF 10 x 150	143	599935	C-E4 38 x 40 200 mm	125			
593580	VDF 10 x 200	143	599940	C-E4 38 x 40 250 mm	125			
593745	THM10 x 25-3	101	599950	C-E4 38 x 40 300 mm	125			
593755	THM10 x 30-3	101	599960	C-E4 38 x 40 350 mm	125			

➤ 14.8 The article numbers in alphanumerical order

	N°			N°			N°	
122	171690	43	122M6Ti	174890	44	2H4MAC2	173110	10
123	171700	45	122M8Ti	174980	44	2H4ST3	173420	9
2001	570300	80	123 12P	176730	45	2TFZ10	592620	140
2002	570310	80	123 16M	174790	45	2TFZ10-2	592750	170
2003	570320	80	123 16P	176740	45	2TFZ12	592640	140
2004	570330	80	123 20M	177760	45	2TFZ12-2	592770	170
2005	570340	80	123 6M	174760	45	2TFZ6	592580	140
2006	570350	80	123 812M	160420	45	2TFZ6-2	592710	170
2025	570240	80	123 8P	176720	45	2TFZ8	592600	140
2150	570130	80	12EM24-2	179810	156	2TFZ8-2	592730	170
2200	570140	80	12EM58-2	179820	156	32EM24	173600	16
2250	570150	80	12EM912-2	179830	156	32EM58	173610	16
2300	570160	80	12EP24	175110	16	32EM912	173620	16
2350	570170	80	12EP58	175120	16	32M	170130	73
2400	570180	80	12EP912	175130	16	32M24SM	173830	14
3001	570560	81	12M-2	179910	156	32M4SM	173820	14
3002	570570	81	12M24SM-2	179690	154	32M58SM	173840	14
3003	570580	81	12M58SM-2	179700	154	32M912SM	173850	14
3004	570590	81	12M912SM-2	179710	154	3TFZ10	592670	140
3025	570500	81	12P (1)	171150	74	3TFZ12	592680	140
3300	570410	81	12P12P (2)	171250	74	3TFZ6	592650	140
3400	570420	81	12P16P (2)	171260	74	3TFZ8	592660	140
3500	570430	81	12P24SM	175220	14	47SC1011	187540	23
3600	570440	81	12P4IN	175320	15	47SC1214	187560	23
5101	335500	82	12P4SM	175210	14	47SC1518	187580	23
5102	335510	82	12P58SM	175230	14	47SC1924	187600	23
5103	335520	82	12P912SM	175240	14	47SC2530	187620	23
5104	335530	82	16EM24	171740	16	47SC67	187500	23
5105	335540	82	16EM58	171490	16	47SC78	187720	23
5106	335550	82	16EM912	173570	16	47SC89	187520	23
5107	335560	82	16EP24	175140	16	47SC910	187760	23
5109	335570	82	16EP58	175150	16	4G16H	170230	63
5110	335580	82	16EP912	175160	16	4G16M11	178600	63
5120	335100	83	16M	170100	73	4G16M16	171900	63
5130	335000	82	16M24SM	173720	14	4G16M25	176880	63
5140	335010	82	16M4SM	173710	14	4G16M38	171890	63
5150	335020	82	16M58SM	173730	14	4G16M51	171870	63
5160	335030	82	16M912SM	173740	14	4G16M7	178590	63
5170	335040	82	16P (1)	171170	74	4G16M76	171880	63
5190	335150	83	16P16P (2)	171270	74	4G24H	170490	63
5190	335150	83	16P24SM	175260	14	4G24H-6	170500	63
6101	330200	84	16P4IN	175330	15	4G24H-6	172280	173
6102	330210	84	16P4SM	175250	14	4G24M11	171680	64
6103	330220	84	16P58SM	175270	14	4G24M11-6	171840	64
6104	330230	84	16P912SM	175280	14	4G24M16	171710	64
6105	330240	84	1TFZ10	592610	140	4G24M16	172450	174
6106	330250	84	1TFZ10-2	592740	170	4G24M16-6	171860	64
6107	330260	84	1TFZ12	592630	140	4G24M16-6	172290	174
6120	330600	85	1TFZ12-2	592760	170	4G24M25	171730	64
6120	330610	161	1TFZ6	592570	140	4G24M25-6	171910	64
6130	330000	84	1TFZ6-2	592700	170	4G24M25-6	172300	174
6140	330010	84	1TFZ8	592590	140	4G24M38	171820	64
6150	330020	84	1TFZ8-2	592720	170	4G24M38-6	171920	64
6160	330030	84	20EM24	171800	16	4G24M38-6	172310	174
6180	330040	84	20EM58	171950	16	4G24M51	171830	64
6195	335980	85	20EM912	173580	16	4G24M51-6	171940	64
6501	330380	84	20M	170110	73	4G24VWN	160290	64
6502	330390	84	20M24SM	171720	14	4H24	170020	8
6503	330400	84	20M4SM	173750	14	4H24	172320	172
6504	330410	84	20M58SM	173770	14	4H24/1012A	170480	10
6505	330420	84	20M912SM	173780	14	4H24/1012B	170850	10
6506	330430	84	24EM24	171960	16	4H24/1214A	170630	10
6507	330440	84	24EM58	171970	16	4H24/1214B	170640	10
6530	330100	84	24EM912	173590	16	4H24-2	179610	152
6540	330110	84	24M	170120	73	4H24CT	172330	172
6550	330120	84	24M24SM	176690	14	4H24CT	178520	11
6560	330130	84	24M4SM	173790	14	4H24CT-2	160470	153
6580	330140	84	24M58SM	173800	14	4H24CTBB	170220	11
42020	350100	138	24M912SM	173810	14	4H24CTBR-2	170280	154
42021	350110	138	24SC1011	187550	23	4H24CTBW	170180	11
42022	350120	138	24SC1214	187570	23	4H24CTIN	160470	11
42023	350130	138	24SC1518	187590	23	4H24Di	350000	13
42024	350140	138	24SC1924	187610	23	4H24i	170150	8
42025	350150	138	24SC2530	187630	23	4H24ix	170140	9
87182	188190	25	24SC67	187510	23	4H24MAC2	173150	10
87186	188200	25	24SC78	187710	23	4H24ST3	171500	9
10GDT12-17	160380	53	24SC89	187530	23	4H24ST3	172340	173
10GTD17-22	160390	53	24SC910	187750	23	4H24ST3-2	171480	152
10MEBN	172140	142	2H4	170010	8	4H58	170030	8
122 M10MA	174700	43	2H4/1012A	170460	10	4H58	172350	172
122 M6MA	174680	43	2H4/1012B	170830	10	4H58-2	179620	152
122 M8MA	174690	43	2H4/1214A	170470	10	4H58CT	172360	172
122 T10	160240	44	2H4/1214B	170840	10	4H58CT	178530	11
122M10Ti	175070	44	2H4CT	178510	11	4H58CT-2	160480	153
			2H4CT-2	178550	153	4H58CTBB	170240	11
			2H4CTBB	170210	11	4H58CTBR-2	170300	154
			2H4CTBW	170170	11	4H58CTBW	170190	11
			2H4CTIN	178550	11	4H58CTIN	160480	11



➤ 14.8 The article numbers in alphanumerical order

								
4H58i	170250	8	812MATA	177190	60	ATA41	170400	60
4H58iX	170160	9	812MAT5	177200	60	ATS41	170420	60
4H58MAC2	173160	10	812MGTD12-17	160400	53	BC200	181180	35
4H58ST3	171530	9	812MGTD12-22	160410	53	BC200/CD0B	182210	35
4H58ST3	172370	173	812MPCS1	170990	69	BC200/CD1B	182220	35
4H58ST3-2	171540	152	812SC1011	187660	23	BC200/CD2.5B	182240	35
4H912	170040	8	812SC1214	187670	23	BC200/CD2B	182230	35
4H912	172380	172	812SC1518	187680	23	BC200/CD3B	182250	35
4H912-2	179630	152	812SC1924	187690	23	BCTC	190620	78
4H912CT	172390	172	812SC2530	187700	23	BEI10	591250	138
4H912CT	178540	11	812SC67	187640	23	BEI12	591260	138
4H912CT-2	160490	153	812SC78	187730	23	BEI16	591270	138
4H912CTBB	170260	11	812SC89	187650	23	BEI20	591280	138
4H912CTBR-2	170310	154	812SC910	187770	23	BF E0-E3 M6	585120	133
4H912CTBW	170200	11	8EM24-2	179780	156	BF E4 M8	585110	133
4H912CTIN	160490	11	8EM58-2	179790	156	BLADE SET	159442	50
4H912MAC2	173410	10	8EM912-2	179800	156	BP17	591350	136
4H912ST3	171640	9	8EP24	172150	16	BP25	591360	136
4H912ST3	172400	173	8EP58	172160	16	BR50	172910	147
4H912ST3-2	171550	152	8EP912	175100	16	BTF24	160820	79
4J15M	172460	173	8M-2	179900	156	BTF58	160830	79
4J15M	178860	64	8M24SM-2	179650	154	BTF912	160840	79
4J2438	170290	62	8M58SM-2	179660	154	BTM M10	389890	34
4J2438SM	176780	62	8M912SM-2	179670	154	BTK M12	388890	34
4MEBN	172100	142	8MEBN	172130	142	C 12EB	338100	126
4TGS	179840	62	8P (1)	171130	74	C 12EC	337600	122
4Z34	170650	66	8P12P (2)	171230	74	C 12ES	337000	40
4Z34 MAC2	170650	66	8P16P (2)	171240	74	C 12EU	337300	38
4Z346M	171050	67	8P24iN	175300	15	C 14/2ERU	338300	40
4Z34812M	171060	67	8P24SM	175180	14	C 14ERU	337200	39
4Z34CTS	172950	67	8P4iN	175290	15	C 16EB	338110	126
5101-2	335590	158	8P4SM	175170	14	C 16EC	337610	122
5102-2	335600	158	8P58iN	175310	15	C 16ES	337010	40
5103-2	335610	158	8P58SM	175190	14	C 16EU	337310	38
5104-2	335620	158	8P8P (2)	171220	74	C 20/2ERU	338310	40
5105-2	335630	158	8P912SM	175200	14	C 20EB	338120	126
5106-2	335640	158	AAC 30-3	310221	84	C 20EC	337620	122
5107-2	335650	158	AAC 60-3	310231	84	C 20ERU	337210	39
5109-2	335660	158	AAC10-2	330520	160	C 20ES	337020	40
5110-2	335670	158	AAC20-2	330530	160	C 20EU	337320	38
5120-2	335120	159	AAC30-1 41 x 41 mm	310181	95	C 24EB	338130	126
512600MM	190440	61	AAC30-2	310200	160	C 24EC	337630	122
5130-2	335050	158	AAC30-3 41 x 41 mm	310221	95	C 24ES	337030	40
5140-2	335060	158	AAC40-3 41 x 41 mm	310222	95	C 24EU	337330	38
5150-2	335070	158	AAC60-1 41 x 41 mm	310191	95	C 26/2ERU	338320	40
5160-2	335080	158	AAC60-2	310210	160	C 26ERU	337220	39
5170-2	335090	158	AAC60-3 41 x 41 mm	310231	95	C 28EB	338140	126
5190-2	335160	159	AB	171120	71	C 28EC	337640	122
6001HB	336000	85	ABP12Cu	583970	136	C 28ES	337040	40
6002HB	336010	85	ABP12G	583920	136	C 28EU	337340	38
6003HB	336020	85	ABP12i	584020	169	C 32/3ERU	338330	40
6130-2	330050	160	ABP12PL	584160	136	C 32EB	338150	126
6140-2	330060	160	ABP17Cu	583980	136	C 32EC	337650	122
6150-2	330070	160	ABP17G	583930	136	C 32ERU	337230	39
6160-2	330080	160	ABP17i	584030	169	C 32ES	337050	40
6180-2	330090	160	ABP17PL	584170	136	C 32EU	337350	38
6530-2	330150	160	ABP26Cu	583990	136	C 36EB	338160	126
6540-2	330160	160	ABP26G	583940	136	C 36EC	337660	122
6550-2	330170	160	ABP26i	584040	169	C 36ES	337060	40
6560-2	330180	160	ABP26PL	584180	136	C 36EU	337360	38
6580-2	330190	160	AC20-1 41 x 41 mm	385505	95	C 38ERU	337240	39
6EM24	173550	16	AC30-1 41 x 41 mm	310299	95	C 40EB	338170	126
6EM58	171750	16	AC30-3 41 x 41 mm	310339	95	C 40EC	337670	122
6EM912	173560	16	AC40-1 41 x 41 mm	310333	95	C 40ES	337070	40
6M	170790	73	AC40-3 41 x 41 mm	310332	95	C 40EU	337370	38
6M24SM	173640	14	AC60-1 41 x 41 mm	310311	95	C 44EB	338180	126
6M4SM	173630	14	AC60-2 41 x 41 mm	310326	163	C 44EC	337680	122
6M58SM	171980	14	AC60-3 41 x 41 mm	310358	95	C 44ERU	337250	39
6M912SM	173650	14	ADK 421	313305	107	C 44ES	337080	40
6MEBN	172120	142	ADK E0	313302	126	C 44EU	337380	38
6MPCS1	171000	69	ADK E0L	313301	126	C 48EB	338190	126
6WN	171560	63	ADK E1	585380	126	C 48EC	337690	122
6WN	172410	174	ADK E2	313304	126	C 48ES	337090	40
6Z34	170720	66	ADK E3	585400	126	C 48EU	337390	38
6Z34 MAC2	170720	66	ADK E4	313303	126	C 52EB	338200	126
6Z346M	171080	67	AF14	179860	18	C 52EC	337700	122
6Z34812M	171090	67	APX 21/41-2	584820	168	C 52ERU	337260	39
6Z34CTS	172960	67	APX E2L/E2/E3	584710	131	C 52ES	337100	40
6Z34TFB	171160	67	APX E4	584725	131	C 52EU	337400	38
812EM24	160120	16	APX EOL/EO/E1	584715	131	C 56EB	338210	126
812EM58	160130	16	APY 21/41-2	584840	168	C 56EC	337710	122
812EM912	160140	16	APY E2L/E2/E3	584740	131	C 56ES	337110	40
812M	175850	173	APY E4	584751	131	C 56EU	337410	38
812M	177130	73	APY EOL/EO/E1	584758	131	C 60EB	338220	126
812M24SM	160050	14	AS30-1	310360	94	C 60EC	337720	122
812M4SM	160040	14	AS30-3	310400	94	C 60ERU	337270	39
812M58SM	160060	14	AS60-1	310370	94	C 60ES	337120	40
812M912SM	160070	14	AS60-3	310410	94	C 60EU	337420	38

➤ 14.8 The article numbers in alphanumerical order

	N°			N°			N°	
C 64EB	338230	126	CA6	593180	147	CAT 21912	181700	17
C 64EC	337730	122	CA8	593190	147	CAT 21912 SM	181570	17
C 64ES	337130	40	CAAC105-31050 mm	311451	97	CAT 21BC 200	181410	32
C 64EU	337430	38	CAAC30-3 300 mm	311401	97	CAT 21BC 200B	181440	32
C 70EB	338240	126	CAAC40-3 400 mm	311409	97	CAT 21ESC	174565	106
C 70EC	337740	122	CAAC45-3 450 mm	311411	97	CAT 32	181120	88
C 70ERU	337280	39	CAAC50-3 500 mm	311419	97	CAT 32 4Z34	181260	68
C 70ES	337140	40	CAAC60-3 600 mm	311421	97	CAT 32 6Z34	181290	68
C 70EU	337440	38	CAAC75-3 750 mm	311431	97	CAT 32 AB	181920	65
C 76EC	337750	122	CAAC80-3 800 mm	311439	97	CAT 32 AF14	181860	22
C 76ES	337150	40	CAAC90-3 900 mm	311441	97	CAT 32 CD1B	181970	68
C 76EU	337450	38	CAC100-2 1000 mm	311698	164	CAT 32 EBC	181320	32
C 82EC	337760	122	CAC100-3 1000 mm	311758	97	CAT 32 EBCB	181350	32
C 82ES	337160	40	CAC120-3 1200 mm	311759	97	CAT 32 VF14	181820	22
C 82EU	337460	38	CAC150-3 1500 mm	311760	97	CAT 3224	181710	17
C 88EC	337770	122	CAC15-1 150 mm	311707	97	CAT 3224 SM	181590	17
C 88ES	337170	40	CAC15-2 150 mm	311693	164	CAT 32528	181220	65
C 88EU	337470	38	CAC15-3 150 mm	311702	97	CAT 3258	181720	17
C 94EC	337780	122	CAC200-3 2000 mm	311761	97	CAT 3258 SM	181600	17
C 94ES	337180	40	CAC20-1 200 mm	311708	97	CAT 32912	181730	17
C 94EU	337480	38	CAC20-3 200 mm	311703	97	CAT 32912 SM	181610	17
C100EC	337790	122	CAC30-1 300 mm	311717	97	CAT 32BC 200	181420	32
C100ES	337190	40	CAC30-2 300 mm	311694	164	CAT 32BC 200B	181450	32
C100EU	337490	38	CAC30-3 300 mm	311713	97	CAT 32ESC	174570	106
C100GW	337990	39	CAC45-1 450 mm	311728	97	CAT 425	181130	89
C100LW	339690	39	CAC45-2 450 mm	311695	164	CAT 425 AF14	181870	22
C12-2EU	337305	38	CAC45-3 450 mm	311718	97	CAT 425 EBC	181360	32
C12-3EU	337306	38	CAC50-1 500 mm	311729	97	CAT 425 VF14	181830	22
C12GW	337800	39	CAC50-3 500 mm	311732	97	CAT 42524 SM	181620	17
C12LW	339500	39	CAC60-1 600 mm	311731	97	CAT 42558 SM	181630	17
C16-2EU	337315	38	CAC60-2 600 mm	311696	164	CAT 425912 SM	181640	17
C16-3EU	337316	38	CAC60-3 600 mm	311733	97	CAT 425BC 200	181460	32
C16GW	337810	39	CAC75-1 750 mm	311756	97	CAT 425WM	181880	89
C16LW	339510	39	CAC75-2 750 mm	311697	164	CAT TRC	181230	88
C20	336100	36	CAC75-3 750 mm	311757	97	CAT TRMF 6 x 10 mm	181980	88
C20-2	336130	157	CADDY CAT TRAX 25	182300	91	CAT TRMF 6 x 16 mm	181990	88
C20-2EU	337325	38	CADDY DISPLAY	172500	171	CAT100CM	181976	91
C20-3EU	337326	38	CADDY SPEED LINK DISPLAY	195990	171	CAT200CM	181981	91
C20GW	337820	39	CADDY SPEED LINK SL2/10	195820	2	CAT200CMLN	181982	91
C20HW	338001	37	CADDY SPEED LINK SL2/2	195805	2	CAT300CM	181983	91
C20LW	339520	39	CADDY SPEED LINK SL2/3	195810	2	CAT300CMLN	181984	91
C24GW	337830	39	CADDY SPEED LINK SL2/5	195815	2	CAT32CM50	181975	72
C24LW	339530	39	CADDY SPEED LINK SL3/1	195825	2	CAT32PLR	182280	90
C28GW	337840	39	CADDY SPEED LINK SL3/10	195845	2	CAT600R	181930	90
C28LW	339540	39	CADDY SPEED LINK SL3/2	195830	2	CAT600WM	181940	90
C30	336110	36	CADDY SPEED LINK SL3/3	195835	2	CAT64	181058	88
C30-2	336140	157	CADDY SPEED LINK SL3/5	195840	2	CAT64PLR	181055	90
C32-2EU	337355	38	CADDY SPEED LINK SLD15L10S	195945	152	CATMTLS	181995	148
C32-3EU	337356	38	CADDY SPEED LINK SLD15L2S	195935	152	CATRL200CM	181988	91
C32GW	337850	39	CADDY SPEED LINK SLD15L5S	195940	152	CATRL300CM	181989	91
C32HW	338002	37	CADDY SPEED LINK SL2/1	195800	2	CATRT200CM	181991	91
C32LW	339550	39	CADDY SPEED LINK SLD15L1	195950	2	CATRT300CM	181992	91
C36GW	337860	39	CADDY SPEED LINK SLD15L10	195930	2	CATTBCM	181987	91
C36LW	339560	39	CADDY SPEED LINK SLD15L2	195920	2	CATWMCM	181994	91
C40GW	337870	39	CADDY SPEED LINK SLD15L3	195955	2	CD0B	181140	73
C40LW	339570	39	CADDY SPEED LINK SLD15L5	195925	2	CD1B	181190	73
C44-2EU	337385	38	CAT 12	181100	88	CD2,5B	181370	73
C44-3EU	337366	38	CAT 12 4Z34	181240	68	CD2B	181150	73
C44HW	338003	37	CAT 12 6Z34	181270	68	CD3B	181380	73
C44LW	339580	39	CAT 12 AB	181900	65	CD4B	181390	73
C45	336120	36	CAT 12 AF14	181840	22	CD5B	181470	73
C45-2	336150	157	CAT 12 CD1B	181950	68	CD6B	181480	73
C48GW	337890	39	CAT 12 EBC	181300	32	CD7B	181490	73
C48LW	339590	39	CAT 12 EBCB	181330	32	CD8B	181500	73
C52-2EU	337415	38	CAT 12 TS	181200	65	CD9B	181540	73
C52-3EU	337416	38	CAT 12 VF14	181800	22	CDC15-1 150 mm	311657	96
C52LW	339600	39	CAT 1224	181650	17	CDC15-2 150 mm	311658	164
C56GW	337900	39	CAT 1224 SM	181510	17	CDC15-3 150 mm	311649	96
C56HW	338004	37	CAT 1258	181660	17	CDC30-1 300 mm	311667	96
C56LW	339610	39	CAT 1258 SM	181520	17	CDC30-2 300 mm	311662	164
C60LW	339620	39	CAT 12912	181670	17	CDC30-3 300 mm	311659	96
C64GW	338000	39	CAT 12912 SM	181530	17	CDC45-1 450 mm	311677	96
C64LW	339630	39	CAT 12BC 200	181400	32	CDC45-2 450 mm	311668	164
C70GW	337940	39	CAT 12BC 200B	181430	32	CDC45-3 450 mm	311669	96
C70LW	339640	39	CAT 21	181110	88	CDDC30-3 300 mm	311805	96
C76GW	337950	39	CAT 21 4Z34	181250	68	CDDC45-3 450 mm	311815	96
C76LW	339650	39	CAT 21 6Z34	181280	68	CDDC60-3 600 mm	311825	96
C82GW	337960	39	CAT 21 AB	181910	65	CDDC75-3 750 mm	311835	96
C82LW	339660	39	CAT 21 AF14	181850	22	C-E0 27 x 30 180 mm	599885	125
C88GW	337970	39	CAT 21 CD1B	181960	68	C-E0 27 x 30 240 mm	599890	125
C88LW	339670	39	CAT 21 EBC	181310	32	C-E0 27 x 30 300 mm	599900	125
C94GW	337980	39	CAT 21 EBCB	181340	32	C-E0 27 x 30 360 mm	599905	125
C94LW	339680	39	CAT 21 VF14	181810	22	C-E0 27 x 30 420 mm	599910	125
CA10	593200	147	CAT 2124	181680	17	C-E0 27 x 30 540 mm	599920	125
			CAT 2124 SM	181550	17	C-E0 27 x 30 660 mm	599925	125
			CAT 21528	181210	65	C-E0 27 x 30 780 mm	599930	125
			CAT 2158	181690	17	C-E0L 27 x 18 180 mm	599879	125
			CAT 2158 SM	181560	17	C-E0L 27 x 18 300 mm	599880	125



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C-E2 34 x 20 200 mm	597500	125	DDC 30-3	310101	84	EM245M16	172220	172
C-E2 34 x 20 300 mm	597510	125	DDC 60-3	310111	84	EM245M-2	179750	155
C-E3 35 x 35 1000 mm	585890	125	DDC10-2	330340	160	EM58	170060	15
C-E3 35 x 35 250 mm	585860	125	DDC20-2	330350	160	EM58	172180	172
C-E3 35 x 35 500 mm	585870	125	DDC30-1 21 x 41 mm	310061	94	EM58-2	179730	155
C-E3 35 x 35 750 mm	585880	125	DDC30-2	310080	160	EM58SM	172060	15
C-E4 38 x 40 200 mm	599935	125	DDC30-3 21 x 41 mm	310101	94	EM58SM16	172230	172
C-E4 38 x 40 250 mm	599940	125	DDC60-1 21 x 41 mm	310071	94	EM58SM-2	179760	155
C-E4 38 x 40 300 mm	599950	125	DDC60-2	310090	160	EM6	592300	140
C-E4 38 x 40 350 mm	599960	125	DDC60-3 21 x 41 mm	310111	94	EM8	592310	140
C-E4 38 x 40 450 mm	599970	125	DFF1	172490	173	EM912	170070	15
C-E4 38 x 40 550 mm	599980	125	DFF1	172930	4	EM912	175760	172
C-E4 38 x 40 650 mm	599990	125	DLM	313320	107	EM912-2	179740	155
C-E4 38 x 40 800 mm	599995	125	DLP	313310	107	EM912SM	171850	15
CEI10	591070	138	E 0 2 m 27 x 30 x 1,5	599997	124	EM912SM16	172240	172
CEI20	591080	138	E 0 L 2 m 27 x 18 x 1,25	599996	124	EM912SM-2	179770	155
CF10	593220	147	E 1 2 m 30 x 15 x 2	585500	124	ESC16M	174605	106
CF8	593210	147	E 2 2 m 34 x 20 x 2,4	585470	124	ESC20M	174610	106
C-FIX M10	584520	133	E 2 L 2 m 34 x 20 x 1,5	585480	124	ESC-4	174560	105
C-FIX M10 x 100	584650	133	E 3 2 m 35 x 35 x 2	585560	124	ESC6M	174595	106
C-FIX M10 x 40	584560	133	E 3 3 m 35 x 35 x 2	585550	124	ESC812M	174600	106
C-FIX M10 x 60	584570	133	E 3 6 m 35 x 35 x 2	585540	124	ESCM10MA	174625	107
C-FIX M10 x 80	584640	133	E 4 2 m 38 x 40 x 2	599998	124	ESCM6MA	174615	107
C-FIX M6	584500	133	E 4 3 m 38 x 40 x 2	600000	124	ESCM8MA	174620	107
C-FIX M8	584510	133	E 4 6 m 38 x 40 x 2	599999	124	ESG1	188470	150
C-FIX M8 x 100	584490	133	EB25 135°	584662	127	FEI10	591200	138
C-FIX M8 x 120	584630	133	EB25 90°	584660	127	FEI12	591210	138
C-FIX M8 x 150	584580	133	EB35 135°	587500	127	FEI16	591220	138
C-FIX M8 x 30	584530	133	EB35 90°	587530	127	FEI20	591230	138
C-FIX M8 x 40	584540	133	EBC	170380	28	FPN10	570730	144
C-FIX M8 x 60	584550	133	EBC12P	172710	31	FPN12	570740	144
C-FIX M8 x 80	584480	133	EBC12PSM	172740	31	FPN5	570700	144
CHK22K	385860	139	EBC16M	172590	29	FPN6	570710	144
CHK25K	385870	139	EBC16MSM	172660	29	FPN8	570720	144
CHK27K	385880	139	EBC16P	172720	31	GR50	172920	147
CHK30K	385890	139	EBC16PSM	172750	31	H10	593170	147
CHK32K	385900	139	EBC20M	172600	29	H6	593150	147
CHN13K	386780	139	EBC20MSM	172670	29	H8	593160	147
CHN15K	385910	139	EBC24M	172610	29	HB2	336030	33
CHN15K-2	591500	169	EBC24MSM	172680	29	HB2-1	175880	174
CHN17K	385920	139	EBC32M	172620	29	HB2-3	175890	174
CHN17K-2	591510	169	EBC32MSM	172690	29	HB2-3	336040	33
CL10	593110	147	EBC6M	172580	29	HK21	187440	25
CL6	593090	147	EBC6MSM	172650	29	HK22	187450	25
CL8	593100	147	EBC812M	160200	29	HK23	187460	25
CLDC15-1 150 mm	311681	96	EBC812MSM	160180	29	HM10	592060	140
CLDC15-3 150 mm	311680	96	EBC8P	172700	31	HM10-2	592150	170
CLDC30-1 300 mm	311686	96	EBC8PSM	172730	31	HM12	592070	140
CLDC30-3 300 mm	311685	96	EBCM10MA	173010	28	HM12-2	592160	170
CLDC45-1 450 mm	311691	96	EBCM6MA	172990	28	HM6	592040	140
CLDC45-3 450 mm	311690	96	EBCM8MA	173000	28	HM6-2	592130	170
CNB812M	171610	74	EBCMAC2	172980	30	HM8	592050	140
CR17	336300	36	EBL25 135°	584668	127	HM8-2	592140	170
CR17-2	336400	157	EBL25 90°	584666	127	HSC1011	186020	46
CR21	336310	36	EBL35 135°	587520	127	HSC1214	186030	46
CR21-2	336410	157	EBL35 90°	587510	127	HSC1518	186040	46
CR28	336320	36	ECN EOL/E0 M10	315350	129	HSC1924	186050	46
CR28-2	336420	157	ECN EOL/E0 M6	315370	129	HSC2530	186060	46
CR37	336330	36	ECN EOL/E0 M8	315340	129	HSC67	186000	46
CR37-2	336430	157	ECN E2L/E2/E3 M10	585270	129	HSC78	187740	46
CR42	336340	36	ECN E2L/E2/E3 M6	585250	129	HSC89	186010	46
CR42-2	336440	157	ECN E2L/E2/E3 M8	585260	129	HSC910	187780	46
CR48	336350	36	ECN E4 M10	315360	129	HW10	187290	51
CR48-2	336450	157	ECN E4 M8	315330	129	HW10SR	188820	51
CR60	336360	36	ECN UNI M10	585450	128	HW12	187300	51
CR60-2	336460	157	ECN UNI M6	585430	128	HW4	187260	51
CT	170450	74	ECN UNI M8	585440	128	HW4M	188720	51
CT-2	171600	153	ECTB1	175640	143	HW6	187270	51
CTF 5 x 25	571310	144	ECTB2	175650	143	HW6M	188740	51
CTRI12-3 120 mm	311920	98	ECTB3	175660	143	HW6SR	188760	51
CTRI16-3 160 mm	311925	98	ECTB4	175670	143	HW6ST	188770	51
CTRI21-3 210 mm	311930	98	ECTB5	175950	143	HW8	187280	51
CTRI26-3 260 mm	311935	98	EER	171470	47	HW8M	188780	51
CTRI31-3 310 mm	311940	98	EER	172200	174	HW8SR	188800	51
CTRI41-3 410 mm	311945	98	EERM10MA	173190	48	HW8ST	188810	51
CTRI51-3 510 mm	311950	98	EERM10Ti	173140	48	IDS16	173460	61
CTRI61-3 610 mm	311955	98	EERM6MA	173170	48	iM10	335190	83
D1	336280	42	EERM6Ti	173120	48	iM10-2	335220	159
D2	339100	42	EERM8MA	173180	48	iM6	335170	83
D3	339110	42	EERM8Ti	173130	48	iM6-2	335200	159
DC20-1 21 x 41 mm	387365	94	EERS	173080	47	iM8	335180	83
DC30-1 21 x 41 mm	310241	94	EERT10	160250	48	iM8-2	335210	159
DC30-3 21 x 41 mm	310281	94	EM10	592320	140	INC8	175900	174
DC40-1 21 x 41 mm	310283	94	EM12	592330	140	INC8	336290	37
DC40-3 21 x 41 mm	310286	94	EM24	170050	15	ISNM10	187360	101
DC60-1 21 x 41 mm	310255	94	EM24	172170	172	ISNM10	187360	141
DC60-2 21 x 41 mm	310265	163	EM24-2	179720	155	ISNM6	187340	101
DC60-3 21 x 41 mm	310291	94	EM245M	170530	15	ISNM6	187340	141

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	N°	
ISNM8	187350	101
ISNM8	187350	141
ISSP	190800	101
ISSP M10	190830	101
ISSP M6	190810	101
ISSP M8	190820	101
J1	170370	19
J1	172440	172
J1CT	170610	21
J1CTBB	170410	21
J1CTBW	170360	21
J1MAC 2 P4	173480	19
J2	171590	19
J2CT	170350	21
J2CTBB	170440	21
J2CTBW	170390	21
J2MAC2 P4	172970	19
K12	170670	70
K16	170680	70
K20	170690	70
K8	170660	70
KIT U450	590000	99
KIT U450 silent	589980	99
KIT U600	590010	99
KIT U600 silent	589990	99
KN30	380050	139
KN40	380060	139
KN50	380070	139
KP 10 x 30	585020	134
KP 10 x 40	585030	134
KP 10 x 60	585040	134
KP 8 x 30	585050	134
KP 8 x 40	585000	134
KP 8 x 50	585060	134
KP 8 x 60	585010	134
KP27 M10 x 30	590087	134
KP27 M10 x 35	590088	134
KP27 M10 x 50	590089	134
KP27 M8 x 100	590083	134
KP27 M8 x 20	590074	134
KP27 M8 x 25	590075	134
KP27 M8 x 30	590076	134
KP27 M8 x 40	590077	134
KP27 M8 x 50	590078	134
KP27 M8 x 60	590079	134
KP27 M8 x 80	590082	134
KP38 M10 x 35	590207	134
KP38 M10 x 50	590330	134
KP38 M10 x 80	590208	134
KP38 M8 x 100	590204	134
KP38 M8 x 25	590201	134
KP38 M8 x 35	590200	134
KP38 M8 x 40	590210	134
KP38 M8 x 50	590202	134
KP38 M8 x 80	590203	134
KX	170870	70
LAC20-1 41 x 41 mm	317096	95
LAC20-2 41 x 41 mm	317345	163
LAC30-1 41 x 41 mm	317099	95
LAC30-3 41 x 41 mm	317241	95
LAC60-1 41 x 41 mm	317111	95
LAC60-3 41 x 41 mm	317251	95
LB3B	187390	26
LDC20-1 21 x 41 mm	317116	94
LDC20-2 21 x 41 mm	317117	163
LDC30-1 21 x 41 mm	317119	94
LDC60-1 21 x 41 mm	317131	94
LF2	187400	25
LF3	187410	25
LF4	187420	26
LF5	187430	26
LR1	187370	26
LR2	187380	26
M10GTD12-17	160340	53
M10GTD17-22	160370	53
M10MA24	173320	12
M10MA4	173310	12
M10MA58	173330	12
M10MA912	173340	12
M10MAB	173450	72
M10MAJ1	173370	20
M10MAJ2	173400	20
M10MAM10	173220	70
M10Ti	170910	71

	N°	
M10Ti24	175000	12
M10Ti4	174990	12
M10Ti58	175010	12
M10Ti912	175020	12
M10TiB	175030	71
M10TiESC	174585	105
M10TiJ1	175050	20
M10TiJ2	175060	20
M10TiOCDC	160730	54
M10VKR	160660	46
M10VKR	175820	173
M6GTD12-17	160320	53
M6GTD17-22	160350	53
M6MA24	173240	12
M6MA4	173230	12
M6MA58	173250	12
M6MA912	173260	12
M6MAB	173430	72
M6MAJ1	173350	20
M6MAJ2	173380	20
M6MAM6	173200	70
M6Ti	174800	71
M6Ti24	174820	12
M6Ti24	175860	173
M6Ti4	174810	12
M6Ti58	174830	12
M6Ti58	175870	173
M6Ti912	174840	12
M6TiB	174850	71
M6TiESC	174575	105
M6TiJ1	174870	20
M6TiJ2	174880	20
M6TiOCDC	160710	54
M6VKR	160640	46
M6VKR	175800	173
M8GTD12-17	160330	53
M8GTD17-22	160360	53
M8MA24	173280	12
M8MA4	173270	12
M8MA58	173290	12
M8MA912	173300	12
M8MAB	173440	72
M8MAJ1	173360	20
M8MAJ2	173390	20
M8MAM8	173210	70
M8Ti	170900	71
M8Ti24	174910	12
M8Ti4	174900	12
M8Ti58	174920	12
M8Ti912	174930	12
M8TiB	174940	71
M8TiESC	174580	105
M8TiJ1	174960	20
M8TiJ2	174970	20
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MFV650	571510	146
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MTS84	584410	145
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OD 132-135 mm	598848	121
OD 135-138 mm	598849	121
OD 138-141 mm	598853	121
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OD 157-160 mm	598855	121
OD 160-164 mm	598856	121
OD 164-167 mm	598857	121
OD 167-170 mm	598858	121
OD 176-179 mm	598859	121
OD 179-182 mm	598862	121
OD 18-20 mm	598815	121
OD 189-192 mm	598863	121
OD 196-200 mm	598864	121
OD 21-23 mm	598816	121
OD 218-221 mm	598865	121
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OD 36-39 mm	598823	121
OD 39-42 mm	598824	121
OD 42-45 mm	598825	121
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OD 56-60 mm	598829	121
OD 60-63 mm	598831	121
OD 62-64 mm	598832	121
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OD 74-77 mm	598836	121
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PHSW10M	182200	58
PHSW6M	182180	58
PHSW8M	182190	58
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PLN E1/E2-8,4 mm	588260	128
PLN E3/E4-10,5 mm	588285	128
PLN E3/E4-8,4 mm	588280	128
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PPRPS25H6	182460	5
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PW2 M10MA	175750	56
PW2 M6MA	175730	56
PW2 M8MA	175740	56



➤ 14.8 The article numbers in alphanumerical order

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PW2-CT	175690	56	SL WIRE CABLE 2MM 10M SP	195885	2	TI04	160000	12
PW2M10Ti IN	175620	55	SL WIRE CABLE 2MM 1M SP	195865	2	TI058	160020	12
PW2M6Ti IN	175600	55	SL WIRE CABLE 2MM 2M SP	195870	2	TI0912	160030	12
PW2M8Ti IN	175610	55	SL WIRE CABLE 2MM 3M SP	195875	2	TK 12	389520	33
PW2MAC2	173100	57	SL WIRE CABLE 2MM 5M SP	195880	2	TK M12	386830	33
PW2T10Ti IN	175630	55	SL WIRE CABLE 3MM 10M SP	195910	2	TKN 10	389510	33
PWM	571270	146	SL WIRE CABLE 3MM 1M SP	195890	2	TKN 8	389500	33
PWMS	571280	146	SL WIRE CABLE 3MM 2M SP	195895	2	TKN M10	386820	33
PWN	571290	146	SL WIRE CABLE 3MM 3M SP	195900	2	TKN M6	386805	33
PWNS	571300	146	SL WIRE CABLE 3MM 5M SP	195905	2	TKN M8	386810	33
RAC E0	588720	130	SL1214	195860	4	TKN10	175840	174
RAC E3	585780	130	SL1518	195861	4	TKN8	175830	174
RAC E4	588725	130	SL2/1 BP	195801	172	TKNM6	175910	174
RFF 10-12	583890	140	SL2/2 BP	195806	172	TMN 41-10 x 40	590090	103
RFF 8-10	583870	140	SL2/3 BP	195811	172	TMN 41-10 x 40-2	590094	161
RFF 8-12	583880	140	SL3/2 BP	195832	172	TMN 41-10 x 50	590224	103
RING FRF 014 /1	571130	145	SL3/3 BP	195837	172	TMN 41-10 x 60	590225	103
RING FRF 016 /1	571140	145	SLADCP	195851	3	TMN 41-10 x 70	590226	103
RING FRF 016 /2	571200	145	SLADS	195852	3	TMN 41-10 x 80	590227	103
RING FRF 018 /1	571150	145	SLESH6 x 60	195858	3	TMN 41-10 x 90	590228	103
RING FRF 018 /2	571210	145	SLES M6 x 30	195854	3	TMN 41-12 x 40	590100	103
RING FRF 020 /1	571160	145	SLES M8 x 40	195856	3	TMN 41-12 x 40-2	590095	161
RING FRF 020 /2	571220	145	SLICK 110 M10	174440	102	TMN 41-8 x 100	590223	103
RING FRF 020 /4	571260	145	SLICK 110 M8	174390	102	TMN 41-8 x 30	590220	103
RING FRF 022 /1	571170	145	SLICK 130 M10	174450	102	TMN 41-8 x 40	590080	103
RING FRF 022 /2	571230	145	SLICK 130 M8	174400	102	TMN 41-8 x 40-2	590093	161
RING FRF 025 /1	571180	145	SLICK 50 M10	174410	102	TMN 41-8 x 50	590221	103
RING FRF 025 /2	571240	145	SLICK 50 M8	174360	102	TMN 41-8 x 60	590222	103
RING FRF 028 /1	571190	145	SLICK 70 M10	174420	102	TOOL	591290	137
RING FRF 028 /2	571250	145	SLICK 70 M8	174370	102	TPC 112	187192	149
RING PLUS FRF 16	571550	145	SLICK 90 M10	174430	102	TPC 238	187193	149
RING PLUS FRF 20	571560	145	SLICK 90 M8	174380	102	TRN200B	188120	148
RING PLUS FRF 25	571570	145	SLICK M10	174350	102	TRN200N	188110	148
RMF 10-12	583760	141	SLICK M12	174550	102	TRN290B	188140	148
RMF 10-8	583750	141	SLICK M6	174460	102	TRN290N	188130	148
RMF 12-10	583780	141	SLICK M8	174340	102	TRN370B	188160	148
RMF 12-8	583770	141	SLLC250	195863	4	TRN370N	188150	148
RMF 6-8	583710	141	SLWC	195853	2	TSGB 16	187190	149
RMF 8-10	583730	141	SLWPT	195859	4	TSGB 24	187191	149
RMF 8-12	583740	141	SM6	336160	36	TSGB16112	187194	149
RMF 8-6	583720	141	SM6-2	336180	157	TSGB24112	187195	149
RPS150T3	182580	6	SM8	336170	36	UA 506	315080	100
RPS150T4	182590	6	SM8-2	336190	157	UA 608	315090	100
RPS150T7	182680	6	SMS 8	187197	149	UA 810	315100	100
RPS150T8	182690	6	SNA-3	311900	98	UA 812	315110	100
RPS300T3	182620	6	SNZ-1	311905	98	UA506 P1	315085	100
RPS300T4	182630	6	SPP 6-2	336220	157	UA506-2	315180	162
RPS300T7	182700	6	SPP 8-2	336230	157	UA608 P1	315095	100
RPS300T8	182710	6	SPP6	336200	36	UA608-2	315190	162
RPS50AHSV	182490	5	SPP8	336210	36	UA810 P1	315105	100
RPS50H4EG	182470	5	SR24	171810	13	UA810-2	315120	162
RPS50H4HD	182500	5	SR4	175540	13	UA812 P1	315115	100
RPS50H4MCP	182515	5	SR58	175550	13	UA812-2	315200	162
RPS50H6EG	182480	5	SR912	172020	13	UBH 35 M6	190530	76
RPS50H6HD	182510	5	STCB10M	181580	113	UBH 35 M8	190490	76
RPS50H6MCP	182520	5	STS	315450	95	UBH 50 M6	190540	76
RPS600T4	182650	6	SWIVEL 6000HB	388350	85	UBH 50 M8	190500	76
RPS600T8	182720	6	T10	160260	71	UBHT 35	190510	77
RTUM10C	583590	142	T100CDC	160740	54	UBHT 50	190520	77
RTUM10L	583610	142	T10B	160280	71	U-BOLT 1 1/2"	599160	122
RTUM10L30	583630	142	T10ESC	174590	105	U-BOLT 1 1/4"	599150	122
RTUM10L60	583640	142	T10J1	160220	20	U-BOLT 1"	599140	122
RTUM12L	583620	142	T10J1	172190	172	U-BOLT 1/2"	599120	122
RTUM8C	583580	142	T10J2	160230	20	U-BOLT 1/4"	599100	122
RTUM8L	583600	142	T4	177450	142	U-BOLT 10"	599260	122
S24	172030	13	TBH G DG 10,5	597586	50	U-BOLT 12"	599270	122
S30	591570	139	TBH G M10	597588	50	U-BOLT 193 mm	599280	122
S4	175480	13	TBH G M8	597587	50	U-BOLT 2 1/2"	599180	122
S40	172420	174	TBH K AM10	597585	50	U-BOLT 2"	599170	122
S40	591580	139	TBH K AM8	597584	50	U-BOLT 3"	599190	122
S40-2	591650	169	TBH K DG 10,5	597581	50	U-BOLT 3/4"	599130	122
S50	591590	139	TBH K M10	597583	50	U-BOLT 3/8"	599110	122
S50-2	591660	169	TBH K M8	597582	50	U-BOLT 4 3/4"	599210	122
S58	171760	13	TDH	179920	49	U-BOLT 4"	599200	122
S912	171770	13	TDHAM10	179955	49	U-BOLT 5 1/2"	599230	122
SCA	160510	24	TDHAM8	179945	49	U-BOLT 5"	599220	122
SCB1220	172480	173	TDHIM8	179510	49	U-BOLT 6"	599240	122
SCB1220	188090	24	TDHM10	179950	49	U-BOLT 8"	599250	122
SCB312	172470	173	TDHM6	179930	49	UD 506	315040	100
SCB312	188080	24	TDHM8	179940	49	UD 608	315050	100
SCD12-17	188170	52	TDHP MK2	159441	50	UD 810	315060	100
SCD17-22	188180	52	TGE	170510	61	UD 812	315070	100
SCTC-A	190600	78	THM10 x 25-3	593745	101	UD506 P1	315045	100
SH-LG E0	584672	132	THM10 x 30-3	593755	101	UD506-2	315210	161
SH-LG E4	584673	132	THMF 10 x 25	592860	141	UD608 P1	315055	100
SH-SG E0	584670	132	THMF 10 x 30	592870	141	UD608-2	315220	161
SH-SG E4	584671	132	THMF 8 x 16	592850	141	UD810 P1	315065	100
SL 25 x 2,5 x 350	590240	34	TI024	160010	12	UD810-2	315230	161

➤ 14.8 The article numbers in alphanumerical order

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UM 608	315010	100
UM 810	315020	100
UM 812	315030	100
UM506 P1	314995	100
UM506-2	315140	161
UM608 P1	315015	100
UM608-2	315150	161
UM810 P1	315025	100
UM810-2	315160	161
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UM812-2	315170	161
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ZEA 107	387570	108
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ZGA 502	388360	110
ZGA 503	388370	110
ZGA 504	388380	110
ZGA 505	313821	110
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ZUA 401	387760	113
ZUA 402	387770	114
ZUA 403	387780	114
ZUA 404	387790	114
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ZWA200-2	388670	167
ZWA202-2	387625	167
ZWA205-2	388761	167
ZZ 702	313850	119
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ZZA 700	388390	120
ZZA 701	388400	120
ZZA 702	387720	119
ZZA 705	388421	120
ZZA 706	388422	120



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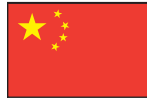


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