

CADDY[®]

Fixings and supports for Heating, Plumbing, Air Conditioning and Ventilation



ERICO[®]

P

Materials and Finishes

➤ Page 325

- 0 Plain Oil Finish
- 1 Electro zinc plated
- 2 Stainless Steel
 - 2.1 302 Stainless
 - 2.2 304 Stainless
 - 2.4 316 Stainless
- 3 Hot Dip Galvanised
- 5 Nylon®
- 6 Laquered
- 8 Brass
- 9 Polyurethane (PU)
- 10 Polyamide (PA)
- 11 Polyvinylchloride (PVC)
- 12 Polypropylene (PP)
- 14 Polyisocyanurate
- 15 Phenolic
- 16 Red Oxide
- 21 CADDY® ARMOUR
- 22 Multi-Layer Corrosion Protection (MCP)





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.

WARNING

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Design and specifications of the products are subject to change without notice.



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1

NEW



CADDY® SUPERFIX EZ

4



CADDY® SUPERFIX 243 M8

4



CADDY® SUPERFIX 243 M8/M10

5

NEW



CADDY® MACROFIX PLUS

6

NEW



CADDY® MACROFIX PLUS HT

7



CADDY® MACROFIX PLUS KOMBI

8

NEW



CADDY® MACROFIX EZ M8/M10

9



CADDY® MACROFIX 250 M8

10



CADDY® MACROFIX 250 M8/M10

11

NEW



HDPC I

12

NEW



HDPC HT

13

NEW



HDPC AB

14

NEW



DUPLO

14

NEW



CADDY® CUSHION CLAMP

15



CADDY® MACROFIX PLUS LF

16





CADDY® MACROFIX 250 NI M8/M10

20

NEW



CADDY® MACROFIX PLUS KOMBI NI M8/M10/1/2

21

NEW



HDPC NI

22

NEW



HDPC AB

23



CADDY® MACROFIX SE

23



CADDY® MACROFIX SEK

24

NEW



OVAL

24

NEW



DUPLO NI

25



CLEVIS 401

25

NEW



CLEVIS 410

26

NEW



CADDY® SLOT LOCK

26

NEW



CADDY® EZ RISER

27



DSC G

28



DSC W

28



DSC P

29



1HPS

29



2PS

30



2HPS

30



HIB

30



HIBT

31



SSG

31



RS DIN

32



STRC

33



UPH

33



U-BOLT M8/M10

34



U-BOLT DIN

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U-BOLT LD

36



OD

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ISO

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C-EC

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CADDY° EPB PLUS

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FCN/115M

44



LHSR6

44



FCS

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NEW

FCS HDWR

45

NEW

CADDY° EPB PLUS

46



HDPC

47

NEW

HDPC HT

48

NEW

HDPC AB

49



CLEVIS 401

49



NEW



CLEVIS 410

50

NEW



CADDY® SLOT LOCK

50

NEW



CADDY® RISER 510

51

NEW



U-BOLT DIN

52



SCT

53



SAB

54



CA

54



TCA/LA

55



SBA

55

NEW



FSE

55



FSO

56



EM HEXI

56

NEW



TBHK

57



TBHG

58



TK300

58





BTK310

59



315

59



SL

60



MTVB

60



107-CPVC

61



108-CPVC

61



109-CPVC

62



SO-CPVC

62



MACRO V ISO

64



MACRO V 2TR

65



MACRO V NI

66

**NEW****MACRO V NI 2TR**

67

**SPIRO**

68

**EQV**

68

**EQVS**

68

**TBH/TBHS**

69

**EQLS**

69

**EQZS**

69

**EQ-ZAB**

70

**ABP**

70

**SBP**

70

**SBP-C**

71

**5195/6195**

71



CADDY® SPEED LINK

5



NEW



CADDY® SPEED LINK

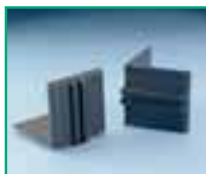
CADDY® SPEED LINK LD

SLWC

74

75

75



SLADCP

75



SLADS

76



SLESM

76



SLESH

76



SLWPT

77



SL1214/SL1216

77

CADDY® PYRAMID

6



NEW



CADDY® PYRAMID 25

80

NEW



CADDY® PYRAMID 50

81

NEW



CADDY® PYRAMID 150

82-83



6 CADDY® PYRAMID

NEW



CADDY® PYRAMID 300

82-83



CADDY® PYRAMID 600

82-83

NEW



P11/RPSCEG

84



7

NEW



TSGB16/TSGB24

86



TSGBHD

86



TPC 112/TPC 238

87



SMS8

87



8

NEW



CADDY® SUPERKLIP

90

NEW



CADDY® SUPERKLIP IN

90

NEW



CADDY® SUPERKLIP CA

90





CADDY® SUPERKLIP BP

91



RING PCP /1

91



RING PCP /2

92



RING FRF /1

92



RING FRF /2

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RING FRF /4

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NEW



TSM

94



TSMI

94



EHS

96



KIT U180 GAS

96



KIT U SILENT

97



9



KIT U

97



10



EOL 27/18

102



EO 27/30

102



E1 30/15

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E2L 34/20

103



E2 34/20

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E3 35/35

104



E4 38/40

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C-EOL 27/18

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C-EO 27/30

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C-E2 34/20

107



C-E3 35/35

108



C-E4 38/40

109



C-E4 SB

110



C-E4 SC

110



EB25

111



EB35

111



C-FIX

112



C-FIX ST

112



C-FIX SW

112



ECN UNI

113



ECN E0L/E0

113



ECN E2L/E2/E3

113



ECN E4

114



KP

114



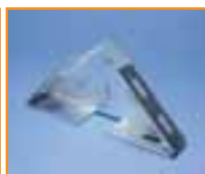
PL/PLN

115



MP E4

115



MT E4

115



RAC E3

116



RAC E0/E4

116



APX

117



APY

117



SH-SG

118



SH-LG

118



BF E0/E3

119



BF E4

119



ADK

120



PR

120



UC

121



CUC

121





NEW



CUCS

122

ERISTRUT 41 MM

11



LDC 21 x 41 x 1,5 mm

130

NEW



MDC 21 x 41 x 2,0 mm

130



DC 21 x 41 x 2,5 mm

131



DDC 2 x (21 x 41 x 2,5 mm)

131



LAC 41 x 41 x 1,5 mm

132

NEW



MAC 41 x 41 x 2,0 mm

132

NEW



AS 41 x 41 x 2,5 mm

133



AC 41 x 41 x 2,5 mm

133



AAC 2 x (41 x 41 x 2,5 mm)

134

11 ERISTRUT 41 MM



MC 62 x 41 x 2,5 mm

134



MMC 2 x (62 x 41 x 2,5 mm)

135



KC 83 x 41 x 2,5 mm

135



KKC 83 x 41 x 2,5 mm

136



CLDC 21 x 41 x 1,5 mm

136



CDC 21 x 41 x 2,5 mm

137



CDDC 2 X (21 x 41 x 2,5 mm)

138



CAC 41 x 41 x 2,5 mm

139



CAAC 2 x (41 x 41 x 2,5 mm)

140

NEW

NEW



SCT

141



CTRI 1,5 mm

142



APX 21 / 41 M10

142



APY 21 / 41 M10

142



SNA

143



ZWA 223-225

143



NEW

NEW



ZEA100

152



ZEA101

152



ZE102 / ZEA102

152



ZEA103

153



ZE104 / ZEA104

153



ZEA105

153



ZEA106

153



ZE107 / ZEA107

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ZE108 / ZEA108

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ZEA109

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ZEA110

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ZU400 / ZUA400

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ZUA401

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ZUA402

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ZUA403

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ZWA214

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ZWA215

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ZWA216

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ZWA217

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ZSA300

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ZSA301

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ZSA302

157



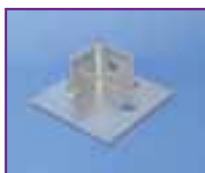
ZSA303

157



ZGA500

158



ZGA501

158



ZGA502

158



ZGA503 / ZGA504

158



ZGA505

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ZGA506

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ZGA507

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ZGA508

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ZGA509

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ZGA510

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ZZA700

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ZZA701

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ZZ702 / ZZA702

161



ZZA705

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ZZA706

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ZTA601 21-41 / ZTA602 62-83

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ZTA603 124 / ZTA604 164

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ZT605

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ZT606

162



ZT607

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ZZ704

163



ZUA404 / ZUA405

163





ZUA406 / ZUA407

163



ZUA408

164



MFA-SM25

164



ZWA218 45°

164



ZW / ZWA219 45°

164



ZW220 / ZWA220

165



ZW200 / ZWA200

165



ZW201 / ZWA201

165



ZW202 / ZWA202

166



ZWA203

166



ZWA204

166



ZW205 / ZWA205

166



ZWA206

167



ZW207

167



ZWA207 / ZWA207L

167

41 mm

11 ERISTRUT 41 MM



ZWA209

167



ZWA212

168



ZWA213

168



ZZ

168



ADK421

169



DLP / DLM

169



12



EIR

172



EIR CS

172



EIR C

172



EIR SP

173



EIR T

173





TK300

179



BTK310

179



SL

180



HB2

180



315

181



PH / PHSW

181



C20 / C30 / C45

181



SM

182



SPP

182



CR

182



D1 / D2 / D3

183



HW

183



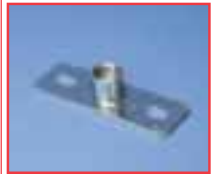
UBH

184



PBF80

184



PBF120

185



PBF

185



ZZ

185



DS

186



DH

186



PD

186



RTU

187



C-FIX SW

187



LLS-M

187



LS-M

188



LLS-H

188



LS-H

188



EB-H

189

NEW

NEW



ES

189



OS

189



TDH

190





TDHM

190



TDHIM8

190



TDHAM

191



TBHK

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TBHG

192



TDHP

192

NEW



2000

193

NEW



3000

194



5000 KIT

195



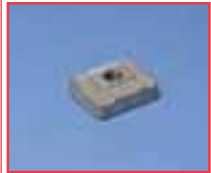
5000 CH

195



5000 BC

196



5000 CN M10

196



5000 CN M8 / M10

196



6000 KIT

197



6000 CH 41 x 21 x 2,5

197



13



6000 CH 41 x 41 x 2,5

198



6000 BC

198



6000 HB KIT

199



5195

199



6195

199



14



VDF TORX®

204



VDF T

204



VDF

205



HIS

205



TPS

205



TFZ

206





TF

206



ST

207



STF

207



EM

208



EM-HEX

208



EM-HEXI

208

NEW



FEN

209



RMF

209



RFF

209



HM

210



MU

210



WSL KARO

210



THMF

211



BNS

211



HWB

211



RMF

212



RFF

212



FEN

212



THMF

213



BNS

213



HWB

213



LS-M

213



LS-H

214



OSM

214



CL

214



CA

214



FPN

217



UPN

217



CF

217



CL

218



CA

218



LA

218



TCA / LA

219



PWM / PWN

219



PWMS / PWNS

219



MTGB

220



MTVB

220



MTGD

220



MFP

221



MFV

221



TRM

221

**MFT**

222

**SAB**

222

**VMU**

223

**VMU-A**

223

**VMU-AH**

224

**VMU-IGH**

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**VMU-SH**

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**VM-X**

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**VMP-345**

225

**V-P**

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**VA**

226

**V-IG**

227

**RB**

227

**VM-AP**

227





PF ZIN

230



PBF

230



RTU

231



RTUL

231



C-FIX SW

231



PESMO

232

NEW



PESHO

232

NEW



PESMOS

233

NEW



PESHOS

233

NEW



PESMT

234

NEW



PESHT

234

NEW



PESMTS

235

NEW



PESHTS

235

NEW



HDPC AB

236



17



SBFF

238



SBMF

238



SGBC

238



SBMK

239



SBFK

239



IHT

239



18



SIT-CLIM

242



SIT

243



SIT PH

244

NEW

NEW



CADDY® ISOL

245



XXX

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**H**

251

**HI**

251

**H-ST**

251

**H-CT**

252

**H-CTB**

252

**H-MA**

253

**H-TI/T**

253

**H-S**

254

**H-SR**

254

**H-MSM**

255

**H-PSM**

255

**EM**

256

**EM-SM**

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**EM-P**

256

**EM-M**

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VF

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VAFT

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J

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J-MA

258



J-TI/T

258



SC

259



SCA

260



SCB

260



EBC

261



EBC-MSM

261



EBC-M

261



EBC-P

262



INC8

262



122

262


















122 MA

263





		
122 TI	122 T10	EER
263	263	264
		
EERS	EER-TI/T	EER-MA
264	265	265
		
TDH	TDHP MK2	WDC / WDC-M
266	267	267
		
GTD	PW2	PW2-TI/T
268	268	269
		
4Z34-CTS	K	AB
269	270	270



19



TI/T

270



B-TI/T

271



MAB

271



MEBN

271



20



CADDY® MACROFIX

278



PX

279



CADDY® MACROFIX NI

280



PX NI

281



RS DIN

282



U-bolt LD

283





U-bolt M8 / M10

283



TFZ

284



PBM

284



MT

284



ABP

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HM

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MU

285



EM

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VDF TORX®

286



SAB

286



CA

286



ES

287



UC

287



LDC

288



DC

288



DCC
289



LAC
289



AC
290



AAC
290



APX 21 / 41 M10
291



APY 21 / 41 M10
291



CDC
292



CAC
293



UM
293



UD
294



UA
294



UT
295



TMN
295



C20 / C30 / C45
295



SM
296





SPP

296



CR

296



6000 BC

297



ZTA601 21-41

297



ZT606-2 316

297



ZT607-2 316

298



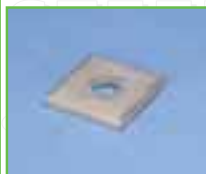
ZTA605-2 / ZT605-2

298



PLN-2

298



ZEA100-2

299



ZEA102-2 316

299



ZEA103-2 316

299



ZEA104-2 316

299



ZEA107-2 316

300



ZEA108-2 316

300



ZWA200-2

300



20



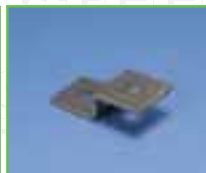
ZWA202-2

300



ZWA205-2 316

301



ZSA300-2 41/21

301



ZSA301-2 41/41

301



H-2

302



H-CTB-2

302



M-MSM-2

303



EM-2

303



EM-SM-2

304



EM-M-2

304





SRFM

306



SRF-C

306



FRF PH

306



FRS PK

306



SRS

307



DP1

307



DP2

307



SSS

308



ESS UHS

310



ESS UH

310



ESS WH

310



22



ESS SH

311



ESS ST

311



ESS PC

311



ESS SP

311



ESS GP

312



ESS MS

312



23

NEW



TP220

314

NEW



TP225

315

NEW



TP225G

315

NEW



TP225A

316

NEW



TP230

316

NEW



TP230G

316



**NEW****TP235**

317

**TP240**

317

**SB55**

318

**TP280**

318

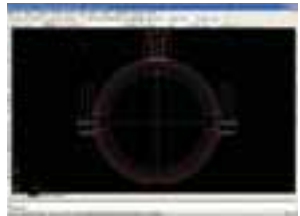
CADDY® PLANNER

CADDY's new free design calculation software for mechanical contractors is a useful tool for designing and planning mechanical installations for any project, large or small. CADDY's new planning software allows you to simulate your project's design from start to finish for all mechanical installations.



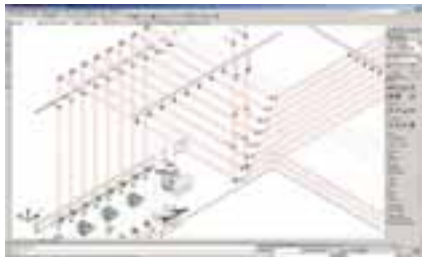
Features

- Design and plan mechanical installations for large and small projects
- Simulate project designs from start to finish
- Includes a fully rendered 3-dimensional library of CADDY products
- Eliminates cumbersome catalogs and the endless search for the right product
- Easily translates user's inputs from traditional floor plans, cross sections, and dimensional data into user friendly design environment
- Automatically compiles data relating to dimensional accuracy, certifications/ approvals, necessary counter/ complementary components, etc.
- Easy 'drag and drop' interface makes planning, design and corrections simple
- Assistants include: Pipe clamp selector, strut load, cantilever load, CADDY® SPEED LINK length calculator
- Automatically generates positional identification and cutting lists
- Continual free updates of product data



Options

- Hardcopy of complete instruction manual
- Easy-to-use, programmed help



For more info, download the CADDY® PLANNER brochure at www.eric.com.

www.eric.com



NEW



CADDY® SUPERFIX EZ

4



CADDY® SUPERFIX 243 M8

4



CADDY® SUPERFIX 243 M8/M10

5

NEW



CADDY® MACROFIX PLUS

6



CADDY® MACROFIX PLUS HT

7

NEW



CADDY® MACROFIX PLUS KOMBI

8

NEW



CADDY® MACROFIX EZ M8/M10

9



CADDY® MACROFIX 250 M8

10



CADDY® MACROFIX 250 M8/M10

11

NEW



HDPC I

12

NEW



HDPC HT

13

NEW



HDPC AB

14

NEW



DUPLO

14

NEW



CADDY® CUSHION CLAMP

15



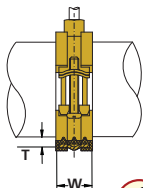
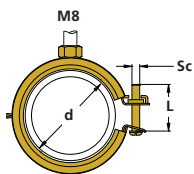
CADDY® MACROFIX PLUS LF

16



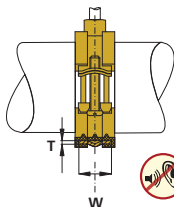
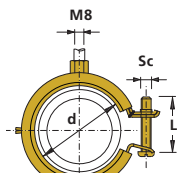
1

CADDY® SUPERFIX EZ M8 (CADDY® SUPERFIX 241 M8)



N°	Ø (")	d (mm)	W x T (mm)	Sc x L	P	Personnel
401214	1/4	12-14	20x1,0	M5x25	1	200
401215	3/8	15-19	20x1,0	M5x25	1	200
401216	1/2	20-23	20x1,0	M5x25	1	200
401217	3/4	25-28	20x1,0	M5x25	1	200
401218	1	32-35	20x1,0	M5x25	1	300
401219	1-1/4	40-43	20x1,0	M5x25	1	300
401220	1-1/2	44-49	20x1,0	M5x25	1	400
401221		50-55	20x1,0	M5x25	1	500
401222	2	57-61	20x1,0	M5x25	1	500

CADDY® SUPERFIX 243 M8

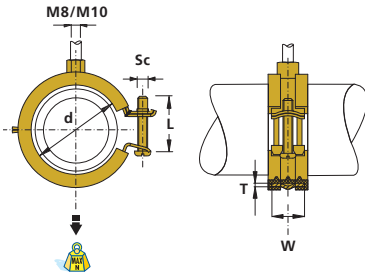


N°	Ø (")	d (mm)	W x T (mm)	Sc x L	P	Personnel
400055	1/4	12-14	20x1,5	M6x25	1	1000
400056	3/8	15-19	20x1,5	M6x25	1	1000
400057	1/2	21-23	20x1,5	M6x25	1	1000
400058	3/4	26-28	20x1,5	M6x25	1	1000
400059	1	32-35	20x1,5	M6x30	1	1000
400060	1-1/4	40-43	20x1,5	M6x30	1	1000
400061		44-49	20x1,5	M6x30	1	1300
400062	1-1/2	48-52	20x1,5	M6x30	1	1300
589310		54-58	20x2,0	M6x30	1	1300
589320	2	57-61	20x2,0	M6x30	1	1300





CADDY® SUPERFIX 243 M8/M10



B2
DIN EN
13501-
1: E

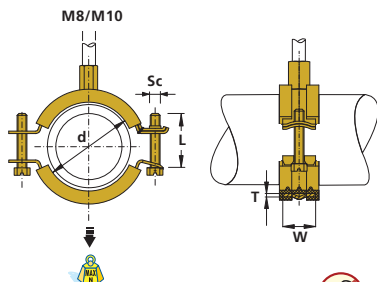


-50°/+110°

N°	Ø (")	d (mm)	W x T (mm)	Sc x L	P	
400063	1/4	12-14	20x1,5	M6x25	1	1000
400064	3/8	15-19	20x1,5	M6x25	1	1000
400065	1/2	21-23	20x1,5	M6x25	1	1000
400066	3/4	26-28	20x1,5	M6x25	1	1000
400067	1	32-35	20x1,5	M6x25	1	1000
400068	1-1/4	40-43	20x1,5	M6x30	1	1000
400069		44-49	20x1,5	M6x30	1	1300
400070	1-1/2	48-52	20x1,5	M6x30	1	1300
589350		54-58	20x2,0	M6x30	1	1300
400071	2	57-61	20x2,0	M6x30	1	1300
400072		63-67	20x2,0	M6x30	1	1300
400073		70-73	20x2,0	M6x35	1	1300
400074	2-1/2	74-80	20x2,0	M6x35	1	1300
400075	3	83-91	20x2,0	M6x35	1	1300
400076		101-106	23x2,5	M6x35	1	2200
400077	4	108-114	23x2,5	M6x40	1	2200

**1**

CADDY® MACROFIX PLUS M8/M10 (CADDY® MACROFIX 240 M8/M10)



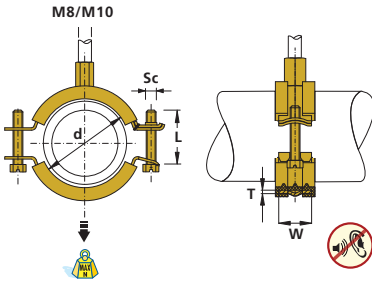
N°	Ø (")	d (mm)	W x T (mm)	Sc x L	P	
400078	1/4	12-14	20x1,5	M6x20	1	1000
400079	3/8	15-19	20x1,5	M6x20	1	1000
400080	1/2	21-23	20x1,5	M6x20	1	1000
400081	3/4	26-28	20x1,5	M6x20	1	1000
400082	1	32-35	20x1,5	M6x20	1	1000
400083	1-1/4	40-43	20x1,5	M6x20	1	1000
400084	1-1/2	44-49	20x2,0	M6x20	1	1300
400085		50-56	20x2,0	M6x25	1	1300
400086	2	57-61	20x2,0	M6x25	1	1300
400087		63-67	20x2,0	M6x25	1	1300
400088		70-73	20x2,0	M6x25	1	1300
400089	2-1/2	74-80	20x2,0	M6x25	1	1300
400090	3	83-91	20x2,0	M6x25	1	1300
400091		101-106	23x2,5	M6x25	1	2200
400092	4	108-114	23x2,5	M8x25	1	2200
400093		115-116	23x2,5	M8x25	1	2200
400094		125	23x2,5	M8x25	1	2200
400095		131-135	23x2,5	M8x25	1	2200
400096	5	136-139	23x2,5	M8x25	1	2200
400097		140-144	23x2,5	M8x30	1	2200
400098		159-163	23x2,5	M8x30	1	2200
400099	6	165-169	23x2,5	M8x30	1	2200
400100		193-200	25x3,0	M8x30	1	2500
400101		210-212	25x3,0	M8x30	1	2500





CADDY® MACROFIX PLUS HT M8/M10

NEW



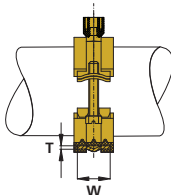
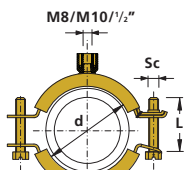
B2
DIN EN
13501-
1:E

-40°/+220°

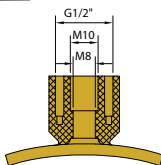
N°	Ø (")	d (mm)	W x T (mm)	Sc x L	P	
402078	1/4	12-14	20x1,5	M6x20	1	1000
402079	3/8	15-19	20x1,5	M6x20	1	1000
402080	1/2	21-23	20x1,5	M6x20	1	1000
402081	3/4	26-28	20x1,5	M6x20	1	1000
402082	1	32-35	20x1,5	M6x20	1	1000
402083	1-1/4	40-43	20x1,5	M6x20	1	1000
402084	1-1/2	44-49	20x2,0	M6x20	1	1300
402085		50-56	20x2,0	M6x25	1	1300
402086	2	57-61	20x2,0	M6x25	1	1300
402087		63-67	20x2,0	M6x25	1	1300
402088		70-73	20x2,0	M6x25	1	1300
402089	2-1/2	74-80	20x2,0	M6x25	1	1300
402090	3	83-91	20x2,0	M6x25	1	1300
402091		101-106	23x2,5	M6x25	1	2200
402092	4	108-114	23x2,5	M6x25	1	2200
402093		115-116	23x2,5	M6x25	1	2200
402094		117-125	23x2,5	M6x25	1	2200
402095		131-135	23x2,5	M6x25	1	2200
402096	5	136-139	23x2,5	M6x25	1	2200
402097		140-144	23x2,5	M8x30	1	2200
402098		159-163	23x2,5	M8x30	1	2200
402099	6	165-169	23x2,5	M8x30	1	2200
402100		193-200	25x3,0	M8x30	1	2500
402101		210-212	25x3,0	M8x30	1	2500

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CADDY® MACROFIX PLUS KOMBI M8/M10/1/2"

NEW

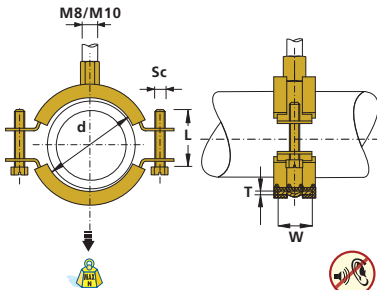
-50°/+110°



N°	Ø (")	d (mm)	W x T (mm)	Sc x L	P	
401900	1/4	12-14	20x1,5	M6x20	1	1000
401901	3/8	15-19	20x1,5	M6x20	1	1000
401902	1/2	21-23	20x1,5	M6x20	1	1000
401903	3/4	26-28	20x1,5	M6x20	1	1000
401904	1	32-35	20x1,5	M6x20	1	1000
401905	1-1/4	40-43	20x1,5	M6x20	1	1000
401906	1-1/2	44-49	20x2,0	M6x20	1	1300
401907		50-56	20x2,0	M6x25	1	1300
401908	2	57-61	20x2,0	M6x25	1	1300
401909		63-67	20x2,0	M6x25	1	1300
401910		70-73	20x2,0	M6x25	1	1300
401911	2-1/2	74-80	20x2,0	M6x25	1	1300
401912	3	83-91	20x2,0	M6x25	1	1300
401913		101-106	23x2,5	M6x25	1	2200
401914	4	108-114	23x2,5	M6x25	1	2200
401915		115-116	23x2,5	M6x25	1	2200
401916		125	23x2,5	M6x25	1	2200
401917		131-135	23x2,5	M6x25	1	2200
401918	5	136-139	23x2,5	M6x25	1	2200
401919		140-144	23x2,5	M8x30	1	2200
401920		159-163	23x2,5	M8x30	1	2200
401921	6	165-169	23x2,5	M8x30	1	2200
401922		193-200	25x3,0	M8x30	1	2500
401923		210-212	25x3,0	M8x30	1	2500



CADDY® MACROFIX EZ M8/M10

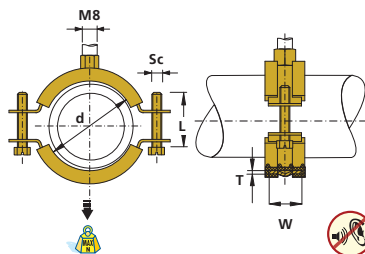


N°	Ø (")	d (mm)	W x T (mm)	Sc x L	P	
403500	1/4	12-15	20x1,5	M6x20	1	500
403505	3/8	15-19	20x1,5	M6x20	1	500
403510	1/2	20-24	20x1,5	M6x20	1	500
403515	3/4	25-30	20x1,5	M6x20	1	500
403520	1	32-37	20x1,5	M6x20	1	500
403525	1-1/4	40-45	20x1,5	M6x25	1	500
403530		44-49	20x2,0	M6x25	1	650
403535	1-1/2	48-53	20x2,0	M6x25	1	650
403540		54-58	20x2,0	M6x25	1	650
403545	2	59-63	20x2,0	M6x25	1	650
403550		62-64	20x2,0	M6x25	1	650
403555		68-73	20x2,0	M6x25	1	650
403560	2-1/2	75-80	20x2,0	M6x25	1	650
403565		82-86	20x2,0	M6x25	1	650
403570	3	89-91	20x2,0	M6x25	1	650
403575		95-103	23x2,5	M6x25	1	650
403580	4	108-116	23x2,5	M8x25	1	1100



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CADDY® MACROFIX 250 M8

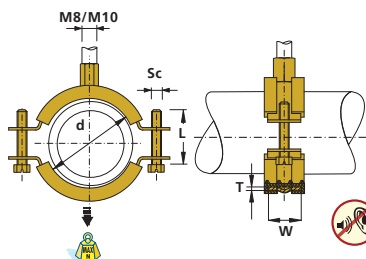


N°	Ø (")	d (mm)	W x T (mm)	RS	Sc x L	P	
595800	1/4	12-15	20x1,5	M8	M6x20	1	1000
595810	3/8	15-19	20x1,5	M8	M6x20	1	1000
595820	1/2	20-24	20x1,5	M8	M6x20	1	1000
595830	3/4	25-30	20x1,5	M8	M6x20	1	1000
595840	1	32-37	20x1,5	M8	M6x20	1	1000
595850	1-1/4	40-45	20x1,5	M8	M6x25	1	1000
595858		44-49	20x2,0	M8	M6x25	1	1300
595851	1-1/2	48-53	20x2,0	M8	M6x25	1	1300
595852		54-58	20x2,0	M8	M6x25	1	1300
595853	2	59-63	20x2,0	M8	M6x25	1	1300





CADDY® MACROFIX 250 M8/M10

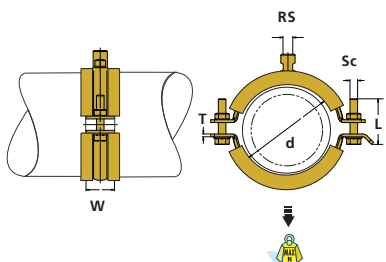


-50/+110°

Nº	Ø (")	d (mm)	W x T (mm)	RS	Sc x L	P	Weight
596460	1/4	12-15	20x1,5	M8/M10	M6x20	1	1000
596470	3/8	15-19	20x1,5	M8/M10	M6x20	1	1000
596480	1/2	20-24	20x1,5	M8/M10	M6x20	1	1000
596490	3/4	25-30	20x1,5	M8/M10	M6x20	1	1000
596500	1	32-37	20x1,5	M8/M10	M6x20	1	1000
596510	1-1/4	40-45	20x1,5	M8/M10	M6x25	1	1000
595859		44-49	20x2,0	M8/M10	M6x25	1	1300
595860	1-1/2	48-53	20x2,0	M8/M10	M6x25	1	1300
595870		54-58	20x2,0	M8/M10	M6x25	1	1300
595880	2	59-63	20x2,0	M8/M10	M6x25	1	1300
595885		62-64	20x2,0	M8/M10	M6x25	1	1300
596450		68-73	20x2,0	M8/M10	M6x25	1	1300
595890	2-1/2	75-80	20x2,0	M8/M10	M6x25	1	1300
595900		82-86	20x2,0	M8/M10	M6x25	1	1300
595910	3	89-91	20x2,0	M8/M10	M6x25	1	1300
595920		95-103	23x2,5	M8/M10	M6x25	1	1300
595930	4	108-116	23x2,5	M8/M10	M8x25	1	2200
595940		121-127	23x2,5	M8/M10	M8x25	1	2200
595980		129-135	23x2,5	M8/M10	M8x25	1	2200
595950	5	135-141	23x2,5	M8/M10	M8x25	1	2200
595960		159-162	23x2,5	M8/M10	M8x25	1	2200
595970	6	165-168	23x2,5	M8/M10	M8x25	1	2200
595971		198-202	25x3,0	M8/M10	M8x25	1	2500
595972		210-215	25x3,0	M8/M10	M8x25	1	2500
595973	8	216-220	25x3,0	M8/M10	M8x25	1	2500
595990		225	30x3,0	M8/M10	M8x25	1	2700
595991		250	30x3,0	M8/M10	M8x25	1	2700
595992		274-280	30x3,0	M8/M10	M8x25	1	2700
595993		315	30x3,0	M8/M10	M8x25	1	2700

**1**

HDPCI

NEW

-50°/+110°

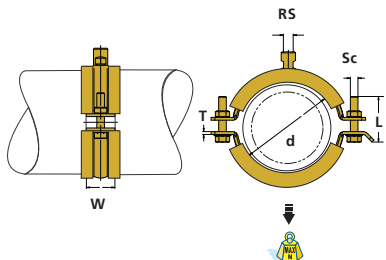
N ^o	Ø (")	d (mm)	W x T (mm)	RS	Sc x L	P	
577033	3/8	14-18	30x2,5	M8/M10	M6x30	1	2000
577034	1/2	19-23	30x2,5	M8/M10	M6x30	1	2000
577035	3/4	24-28	30x2,5	M8/M10	M6x30	1	2000
577036	1	29-33	30x2,5	M8/M10	M6x30	1	2000
577037		33-37	30x2,5	M8/M10	M6x30	1	2000
577038	1-1/4	40-45	30x2,5	M8/M10	M6x30	1	2000
577039	1-1/2	47-52	30x2,5	M8/M10	M6x30	1	2000
577040		53-58	30x2,5	M8/M10	M6x30	1	2000
577041	2	60-65	30x2,5	M8/M10	M8x40	1	2000
577042		67-72	30x3,0	M10/M12	M8x40	1	3500
577043	2-1/2	73-78	30x3,0	M10/M12	M8x40	1	3500
577044		79-85	30x3,0	M10/M12	M8x40	1	3500
577045	3	88-93	30x3,0	M10/M12	M8x40	1	3500
577046		94-99	30x3,0	M10/M12	M8x40	1	3500
577047		100-106	30x3,0	M10/M12	M8x40	1	3500
577048	4	108-116	30x3,0	M10/M12	M8x40	1	3500
577049		117-123	30x3,0	M10/M12	M8x40	1	5000
577050		124-129	40x4,0	M10/M12	M8x40	1	5000
577051		131-137	40x4,0	M12/M16	M10x40	1	5000
577052	5	138-145	40x4,0	M12/M16	M10x40	1	5000
577053		148-154	40x4,0	M12/M16	M10x40	1	5000
577054		156-162	40x4,0	M12/M16	M10x40	1	5000
577055	6	165-171	40x4,0	M12/M16	M10x40	1	5000
577056		177-183	40x4,0	M12/M16	M10x40	1	8500
577057		188-194	40x4,0	M12/M16	M10x40	1	8500
577058		196-203	40x4,0	M12/M16	M10x40	1	8500
577059		205-214	40x4,0	M12/M16	M10x40	1	8500
577061	8	219-225	40x4,0	M16/M20	M12x40	1	8500
577063		226-236	40x4,0	M16/M20	M12x40	1	10000
577064		244-250	40x4,0	M16/M20	M12x40	1	10000
577065		251-261	40x4,0	M16/M20	M12x40	1	10000
577066	10	265-273	40x4,0	M16/M20	M12x40	1	10000
577067		305-316	40x4,0	M16/M20	M12x40	1	10000





HDPCI HT

NEW

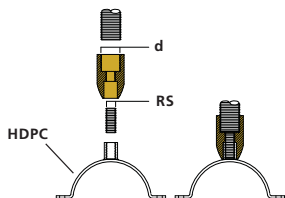


-40°/+220°

Nº	Ø (")	d (mm)	W x T (mm)	RS	Sc x L	P	
402131	3/8	14-18	30x2,5	M8/M10	M6x30	1	2000
402132	1/2	19-23	30x2,5	M8/M10	M6x30	1	2000
402133	3/4	24-28	30x2,5	M8/M10	M6x30	1	2000
402134	1	29-33	30x2,5	M8/M10	M6x30	1	2000
402135		33-37	30x2,5	M8/M10	M6x30	1	2000
402136	1-1/4	40-45	30x2,5	M8/M10	M6x30	1	2000
402137	1-1/2	47-52	30x2,5	M8/M10	M6x30	1	2000
402138		53-58	30x2,5	M8/M10	M6x30	1	2000
402139	2	60-65	30x2,5	M8/M10	M8x40	1	2000
402140		67-72	30x3,0	M10/M12	M8x40	1	3500
402141	2-1/2	73-78	30x3,0	M10/M12	M8x40	1	3500
402142		79-85	30x3,0	M10/M12	M8x40	1	3500
402143	3	88-93	30x3,0	M10/M12	M8x40	1	3500
402144		94-99	30x3,0	M10/M12	M8x40	1	3500
402145		100-106	30x3,0	M10/M12	M8x40	1	3500
402146	4	108-116	30x3,0	M10/M12	M8x40	1	3500
402147		117-123	30x3,0	M10/M12	M8x40	1	5000
402148		124-129	40x4,0	M10/M12	M8x40	1	5000
402149		131-137	40x4,0	M12/M16	M10x40	1	5000
402150	5	138-145	40x4,0	M12/M16	M10x40	1	5000
402151		148-154	40x4,0	M12/M16	M10x40	1	5000
402152		156-162	40x4,0	M12/M16	M10x40	1	5000
402153	6	165-171	40x4,0	M12/M16	M10x40	1	5000
402154		177-183	40x4,0	M12/M16	M10x40	1	8500
402155		188-194	40x4,0	M12/M16	M10x40	1	8500
402156		196-203	40x4,0	M12/M16	M10x40	1	8500
402157		205-214	40x4,0	M12/M16	M10x40	1	8500
402158	8	219-225	40x4,0	M16/M20	M12x40	1	8500
402159		226-236	40x4,0	M16/M20	M12x40	1	10000
402160		244-250	40x4,0	M16/M20	M12x40	1	10000
402161		251-261	40x4,0	M16/M20	M12x40	1	10000
402162	10	265-273	40x4,0	M16/M20	M12x40	1	10000
402271		305-316	40x4,0	M16/M20	M12x40	1	10000

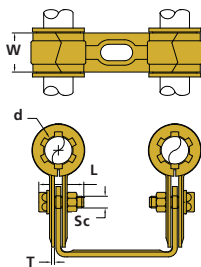
**1**

HDPC AB



Nº	RS	d (")	P
402163	M10	1/2	1
402164	M12	1/2	1
402165	M12	3/4	1
402166	M12	1	1
402167	M16	1/2	1
402168	M16	3/4	1
402169	M16	1	1

DUPLO



-50°/+110°

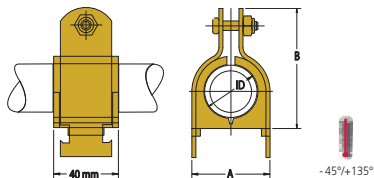
Nº	Ø (")	d (mm)	W x T (mm)	Sc x L	P
596043		15	1,5x20	M6x16	1
596044	1/2	22	1,5x20	M6x16	1





CADDY® CUSHION CLAMP

NEW

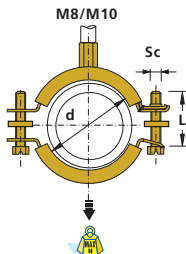
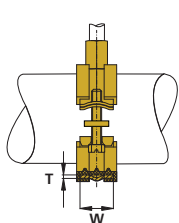


Nº	Ø (") (Cu)	Ø (")	ID (mm)	A (mm)	B (mm)	P
598882			6.4	15.7	24.9	1
598883	1/4		9.4	20.8	28.7	1
598884	3/8		12.7	23.9	34.0	1
598885		1/4	13.7	24.9	34.0	1
598886	1/2		15.7	26.9	39.1	1
598887		3/8	17.0	28.7	39.1	1
598888			19.1	30.5	42.7	1
598889		1/2	21.3	32.8	46.2	1
598891	3/4		22.1	33.3	46.2	1
598892			25.4	36.6	49.5	1
598893		3/4	26.7	39.9	52.8	1
598894	1		28.4	39.9	52.8	1
598895			31.8	43.2	56.1	1
598896		1	33.3	44.7	59.4	1
598897	1-1/4		34.8	46.2	59.4	1
598898			38.1	49.5	62.7	1
598899	1-1/2		41.1	52.6	66.0	1
598901		1-1/4	42.4	55.1	69.3	1
598902			44.5	55.9	69.3	1
598903			47.5	58.9	72.6	1
598904		1-1/2	48.3	62.2	77.2	1
598905			50.8	65.3	82.0	1
598906	2		53.8	71.6	90.7	1
598908		2	60.2	74.7	96.3	1
598909			63.5	78.0	99.6	1
598941	2-1/2		66.5	84.3	105.9	1
598944		2-1/2	76.2	90.7	112.3	1
598945	3		79.2	100.6	120.7	1
598946			84.1	100.3	121.7	1
598948		3	88.9	106.7	129.8	1
598949	3-1/2		91.9	113.0	129.8	1
598952		3-1/2	101.6	116.1	140.7	1
598953	4		104.6	126.0	148.3	1
598954			110.2	125.7	74.2	1
598957		4	114.3	141.5	166.1	1
598958	5		130.0	152.7	175.8	1
598959		5	141.2	166.9	191.5	1
598981	6		155.4	166.9	191.5	1
598982		6	168.1	179.6	209.0	1



**1**

CADDY® MACROFIX PLUS LF (CADDY® MACROFIX 240LF)

NEW

N°	OD (mm)	d (mm)	W x T (mm)	Sc x L	P	
595035	16	14-19	20x1.5	M6 x 25	1	900
595036	20	18-23	20x1.5	M6 x 25	1	900
595037	25	23-28	20x1.5	M6 x 25	1	900
595038	32	30-35	20x1.5	M6 x 25	1	900
595039	40	38-43	20x1.5	M6 x 25	1	900
595040	50	48-53	20x2.0	M6 x 30	1	900
595041	56	54-59	20x2.0	M6 x 30	1	900
595042	63	60-66	20x2.0	M6 x 30	1	900
595043	75	73-78	20x2.0	M6 x 30	1	900
595044	90	88-93	20x2.0	M6 x 30	1	900
595045	110	108-113	23x2.5	M8 x 40	1	1500
595046	125	123-128	23x2.5	M8 x 40	1	1500
595047	140	138-143	23x2.5	M8 x 40	1	1500
595048	160	158-163	23x2.5	M8 x 40	1	1500





CADDY® MACROFIX NI M8/M10

20



CADDY® MACROFIX KOMBI NI

21



HDPC NI

22



HDPC AB

23



CADDY® MACROFIX SE

23



CADDY® MACROFIX SEK

24



OVAL

24



DUPLO NI

25



CLEVIS 401

25



CLEVIS 410

26



CADDY® SLOT LOCK

26



CADDY® EZ RISER

27



DSC G

28



DSC W

28



DSC P

29



1HPS

29



2PS

30



2HPS

30



HIB

30



HIBT

31



SSG

31

NEW



RS DIN

32



STRC

33



UPH

33

NEW



U-BOLT M8/M10

34



U-BOLT DIN

35



U-BOLT LD

36

NEW





NEW



OD

37



ISO

38



C-EC

38



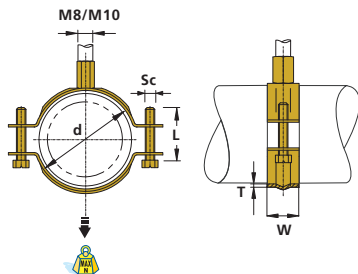
CADDY® EPB PLUS

39



CADDY® MACROFIX 250 NI M8/M10

(CADDY® MACROFIX 250 M8/M10)



Nº	Ø (")	d (mm)	W x T (mm)	Sc x L	P	
596210	3/8	14-18	20x1.5	M6x20	1	1000
596220	1/2	20-26	20x1.5	M6x20	1	1000
596230	3/4	23-30	20x1.5	M6x20	1	1000
596250	1	33-40	20x1.5	M6x20	1	1000
596260	1-1/4	41-47	20x1.5	M6x20	1	1000
596270	1-1/2	48-54	20x2	M6x25	1	1000
596280	2	56-62	20x2	M6x25	1	1300
596290		62-69	20x2	M6x25	1	1300
596300		67-71	20x2	M6x25	1	1300
596310		69-78	20x2	M6x25	1	1300
596311		76-84	20x2	M6x25	1	1300
596320	3	85-91	20x2	M6x25	1	1300
596330		90-98	23x2.5	M6x25	1	1300
596340		97-107	23x2.5	M6x25	1	1300
596350		104-110	23x2.5	M6x25	1	1300
596360	4	108-116	23x2.5	M8x25	1	1300
596370		116-126	23x2.5	M8x25	1	1300
596380		129-140	23x2.5	M8x25	1	2200
596390	5	133-141	23x2.5	M8x25	1	2200
596400		144-154	23x2.5	M8x25	1	2200
596411		155-159	23x2.5	M8x25	1	2200
596410	6	159-168	23x2.5	M8x25	1	2200
596420		168-176	30x3.0	M8x25	1	2200
596430		174-184	30x3.0	M8x25	1	2200
596431		184-195	30x3.0	M8x25	1	2500
596432		196-207	30x3.0	M8x25	1	2500
596435	8	207-218	30x3.0	M8x25	1	2500
596445		217-227	30x3.0	M8x25	1	2500
596452		230-240	30x3.0	M8x25	1	2500
596446		240-250	30x3.0	M8x25	1	2500
596447		274-280	30x3.0	M8x25	1	2700
596448		315	30x3.0	M8x25	1	2700

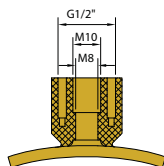
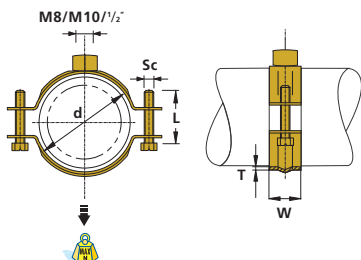




CADDY® MACROFIX KOMBI NI

(CADDY® MACROFIX 255 M8/M10^{1/2}")

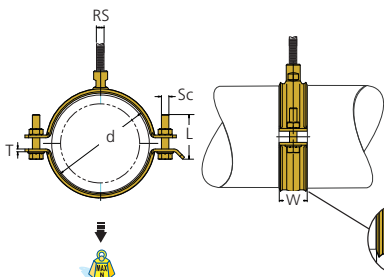
NEW



N ^o	Ø (")	d (mm)	W x T (mm)	Sc x L	P	
401930	3/8	14-18	20x1.5	M6x20	1	1000
401931	1/2	20-26	20x1.5	M6x20	1	1000
401932	3/4	23-30	20x1.5	M6x20	1	1000
401933	1	33-40	20x1.5	M6x20	1	1000
401934	1-1/4	41-47	20x1.5	M6x20	1	1000
401935	1-1/2	48-54	20x2	M6x25	1	1000
401936	2	56-62	20x2	M6x25	1	1300
401937		62-69	20x2	M6x25	1	1300
401938		67-71	20x2	M6x25	1	1300
401939		69-78	20x2	M6x25	1	1300
401940	3	85-91	20x2	M6x25	1	1300
401941		90-98	23x2.5	M6x25	1	1300
401942		97-107	23x2.5	M6x25	1	1300
401943		104-110	23x2.5	M6x25	1	1300
401944	4	108-116	23x2.5	M8x25	1	1300
401945		116-126	23x2.5	M8x25	1	1300
401946		129-140	23x2.5	M8x25	1	2200
401947	5	133-141	23x2.5	M8x25	1	2200
401948		144-154	23x2.5	M8x25	1	2200
401949	6	159-168	23x2.5	M8x25	1	2200
401950		168- 176	30x3.0	M8x25	1	2200
401951		174-184	30x3.0	M8x25	1	2200
401952	8	207-218	30x3.0	M8x25	1	2500
401953		217-227	30x3.0	M8x25	1	2500
401954		240-250	30x3.0	M8x25	1	2500
401955		274-280	30x3.0	M8x25	1	2700
401956		315	30x3.0	M8x25	1	2700

**2**

HDPC NI (HDPC)

NEW

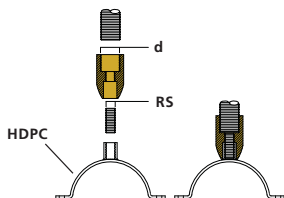
N°	Ø (")	d (mm)	W x T (mm)	RS	Sc x L	P		FM/VdS
577001	3/8	15-19	30x2,5	M8 / M10	M6x30	1	2000	
577002	1/2	20-24	30x2,5	M8 / M10	M6x30	1	2000	VdS
577003	3/4	25-30	30x2,5	M8 / M10	M6x30	1	2000	VdS / FM
577004	1	31-35	30x2,5	M8 / M10	M6x30	1	2000	VdS / FM
577005		36-41	30x2,5	M8 / M10	M6x30	1	2000	VdS
577006	1-1/4	40-45	30x2,5	M8 / M10	M6x30	1	2000	VdS / FM
577007	1-1/2	48-53	30x2,5	M8 / M10	M6x30	1	2000	VdS / FM
577008		54-59	30x2,5	M8 / M10	M6x30	1	2000	VdS
577009	2	60-65	30x2,5	M8 / M10	M6x30	1	2000	VdS / FM
577010		61-72	30x2,5	M8 / M10	M8x40	1	3500	VdS
577011	2-1/2	76-81	30x3,0	M10 / M12	M8x40	1	3500	VdS / FM
577012		82-85	30x3,0	M10 / M12	M8x40	1	3500	VdS
577013	3	88-94	30x3,0	M10 / M12	M8x40	1	3500	VdS / FM
577014		95-102	30x3,0	M10 / M12	M8x40	1	3500	VdS
577015		102-108	30x3,0	M10 / M12	M8x40	1	3500	VdS
577016	4	110-116	30x3,0	M10 / M12	M8x40	1	3500	VdS / FM
577017		117-124	30x3,0	M10 / M12	M8x40	1	5000	VdS
577018		124-129	30x3,0	M10 / M12	M8x40	1	5000	VdS
577019		133-140	40x4,0	M10 / M12	M8x40	1	5000	VdS
577020	5	140-146	40x4,0	M12 / M16	M10x40	1	5000	VdS / FM
577021		149-155	40x4,0	M12 / M16	M10x40	1	5000	VdS
577022		159-165	40x4,0	M12 / M16	M10x40	1	5000	VdS
577023	6	167-173	40x4,0	M12 / M16	M10x40	1	5000	VdS / FM
577024		176-182	40x4,0	M12 / M16	M10x40	1	8500	
577025		188-194	40x4,0	M12 / M16	M10x40	1	8500	
577026		199-205	40x4,0	M12 / M16	M10x40	1	8500	
577027		207-216	40x4,0	M12 / M16	M10x40	1	8500	
577028	8	219-226	40x4,0	M12 / M16	M10x40	1	8500	VdS
577029		227-236	40x4,0	M16 / M20	M12x40	1	10000	
577030		244-250	40x4,0	M16 / M20	M12x40	1	10000	
577031		251-261	40x4,0	M16 / M20	M12x40	1	10000	
577032	10	267-273	40x4,0	M16 / M20	M12x40	1	10000	VdS
577068		305-316	40x4,0	M16 / M20	M12x40	1	10000	





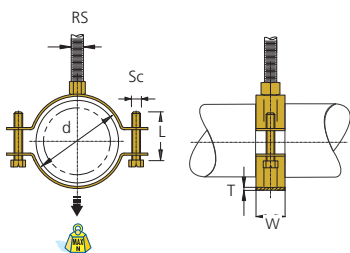
HDPC AB

NEW



N ^o	RS	d (")	P
402163	M10	1/2	1
402164	M12	1/2	1
402165	M12	3/4	1
402166	M12	1	1
402167	M16	1/2	1
402168	M16	3/4	1
402169	M16	1	1

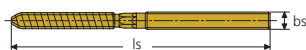
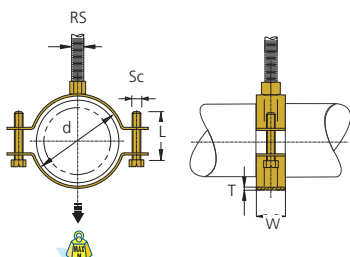
CADDY® MACROFIX SE



N ^o	Ø (")	d (mm)	W x T (mm)	RS	Sc x L	P	
595000	3/8	17-19	20x2,5	M8	M6x16	1	2000
595001	1/2	20-23	20x2,5	M8	M6x16	1	2000
595002	3/4	25-28	20x2,5	M8	M6x16	1	2500
595003	1	32-36	20x2,5	M8	M6x16	1	2500
595004	1-1/4	40-44	20x2,5	M8	M6x16	1	2500
595005	1-1/2	47-50	20x2,5	M8	M6x16	1	2500
595006	2	59-63	20x2,5	M8	M6x16	1	2500
595007	2-1/2	75-80	20x2,5	M8	M6x20	1	2500
595008	3	87-92	20x2,5	M8	M6x20	1	3000
595009	4	113-118	20x2,5	M8	M6x20	1	3000
595010	2-1/2	75-80	30x2,5	M10	M6x20	1	2800
595011	3	87-92	30x2,5	M10	M6x20	1	3200
595012	4	113-118	30x2,5	M10	M6x20	1	3200

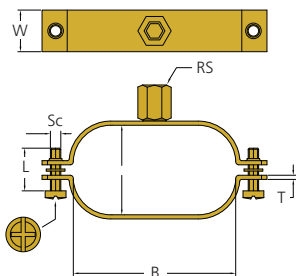
**2**

CADDY® MACROFIX SEK



Nº	Ø (")	d (mm)	W x T (mm)	RS	Sc x L	P		bs x ls
595020	3/8	17-19	20x2,5	M8	M6x16	1	2000	M8x90
595021	1/2	20-23	20x2,5	M8	M6x16	1	2000	M8x90
595022	3/4	25-28	20x2,5	M8	M6x16	1	2500	M8x90
595023	1	32-36	20x2,5	M8	M6x16	1	2500	M8x90
595024	1-1/4	40-44	20x2,5	M8	M6x16	1	2500	M8x90
595025	1-1/2	47-50	20x2,5	M8	M6x16	1	2500	M8x90
595026	2	59-63	20x2,5	M8	M6x16	1	2500	M8x90
595027	2 1/2	75-80	20x2,5	M8	M6x20	1	2500	M8x90
595028	3	87-92	20x2,5	M8	M6x20	1	3000	M8x90
595029	4	113-118	20x2,5	M8	M6x20	1	3000	M8x90
595030	2-1/2	75-80	30x2,5	M10	M6x20	1	2800	M10x120
595031	3	87-92	30x2,5	M10	M6x20	1	3200	M10x120
595032	4	113-118	30x2,5	M10	M6x20	1	3200	M10x120

OVAL



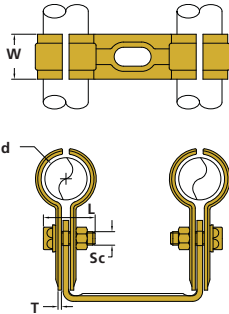
Nº	DN	A x B (mm)	W x T (mm)	Sc x L	RS	P
401161	10/12	30x69	20x2,0	M6x20	M8/M10	1
401244	12/15	43x78	20x2,0	M6x20	M8/M10	1
401245	16/18	51x88	20x2,0	M6x20	M8/M10	1
401246	20	58x108	20x2,0	M6x20	M8/M10	1

Nº	DN	A x B (mm)	W x T (mm)	Sc x L	HS	P
595096	12/15	43x78	20x2,0	M6x20	5,5 mm	6





DUPLO NI

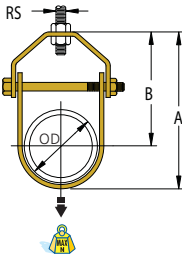


NEW



Nº	Ø (")	d (mm)	W x T (mm)	Sc x L	P
596040		15	1,5x20	M6x16	1
596041	1/2"	22	1,5x20	M6x16	1
596042	3/4"	28	1,5x20	M6x16	1

CLEVIS 401



2-1/2" - 8"

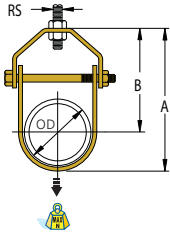


Nº	Tag	Ø (")	OD (mm)	RS	A (mm)	B (mm)	P	Icon
179398	4010050EG	1/2"	21	M10	54	41	1	2700
179399	4010075EG	3/4"	27	M10	61	45	1	2700
179420	4010100EG	1"	34	M10	79	52	1	2700
179421	4010125EG	1-1/4"	43	M10	84	61	1	2700
179422	4010150EG	1-1/2"	48	M10	100	75	1	2700
179423	4010200EG	2"	60	M10	114	83	1	2700
179424	4010250EGAU	2-1/2"	76	M12	133	95	1	5000
179425	4010300EG	3"	89	M12	152	105	1	5000
179426	4010400EG	4"	114	M16	197	137	1	5000
179427	4010500EG	5"	140	M16	248	173	1	6400
179428	4010600EG	6"	165	M20	298	209	1	8600
179429	4010800EG	8"	219	M20	356	241	1	8900
179430	4011000EG	10"	273	M20	419	276	1	16000
179431	4011200EG	12"	324	M20	473	305	1	17000
179432	4011400EG	14"	356	M24	552	368	1	18700
179433	4011600EG	16"	406	M24	609	400	1	20500
179434	4011800EG	18"	457	M28	680	444	1	21400
179435	4012000EG	20"	508	M32	762	498	1	21400
179436	4012400EG	24"	610	M32	867	552	1	21400



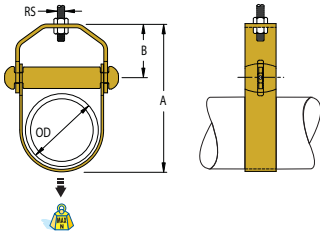
2

CLEVIS 410



N°		Ø (")	OD (mm)	RS	A (mm)	B (mm)	P	
179400	4100100EG	1"	34	M10	71	52	1	1100
179401	4100125EG	1-1/4"	43	M10	84	60	1	1100
179402	4100150EG	1-1/2"	48	M10	101	75	1	1100
179403	4100200EG	2"	60	M10	114	83	1	1100
179404	4100250EG	2-1/2"	73	M12	134	95	1	1550
179405	4100300EG	3"	89	M12	153	105	1	1550
179406	4100400EG	4"	114	M16	197	137	1	2200
179407	4100500EG	5"	140	M16	248	173	1	2650
179408	4100600EG	6"	165	M20	299	210	1	3550
179409	4100800EG	8"	219	M20	356	241	1	5300

CADDY® SLOT LOCK

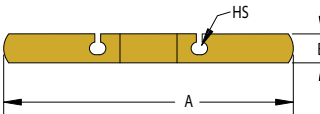
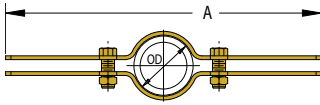


N°		Ø (")	OD (mm)	RS	A (mm)	B (mm)	P	
178300	4270050EG	1/2"	21	M10	69	56	1	2700
178301	4270075EG	3/4"	27	M10	80	64	1	2700
178302	4270100EG	1"	34	M10	87	68	1	2700
178303	4270125EG	1-1/4"	43	M10	96	72	1	2700
178304	4270150EG	1-1/2"	48	M10	107	80	1	2700
178305	4270200EG	2"	60	M10	123	90	1	2700
178306	4270250EGAU	2-1/2"	76	M12	138	98	1	5000
178307	4270300EG	3"	89	M12	161	113	1	5000
178308	4270400EG	4"	114	M16	203	142	1	5000
178309	4270500EG	5"	140	M16	249	174	1	6400
178310	4270600EG	6"	165	M20	291	202	1	8600
178311	4270800EG	8"	219	M20	358	243	1	8900





CADDY® EZ RISER



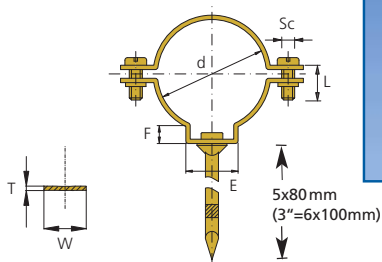
Nº		Ø (")	OD (mm)	A (mm)	B (mm)	HS (mm)	P	
129325	5100050EG	1/2"	21	216	25	11	1	1100
129326	5100075EG	3/4"	27	229	25	11	1	1100
129327	5100100EG	1"	34	229	25	11	1	1100
129328	5100125EG	1-1/4"	43	240	25	11	1	1100
129329	5100150EG	1-1/2"	48	245	25	11	1	1100
129330	5100200EG	2"	60	260	30	11	1	1100
129331	5100250EGAU	2-1/2"	76	280	30	11	1	1700
129332	5100300EG	3"	89	298	30	11	1	2400
129333	5100400EG	4"	114	330	38	14	1	3600
129334	5100500EGAU	5"	140	368	38	14	1	5200
129335	5100600EGAU	6"	165	406	51	14	1	7000
129336	5100800EG	8"	219	464	51	17	1	11100
129337	5101000EG	10"	273	524	51	17	1	11100
129338	5101200EG	12"	324	569	51	17	1	12000
129339	5101400EG	14"	356	613	51	17	1	12000
129340	5101600EG	16"	406	708	64	21	1	13000
129341	5101800EG	18"	457	757	64	21	1	13000
129342	5102000EG	20"	508	819	64	21	1	13000
129343	5102400EG	24"	610	918	76	23	1	13000





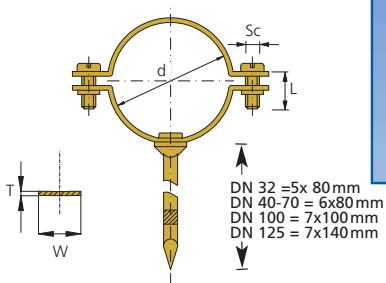
2

DSC G



Nº	Ø (")	d (mm)	W x T (mm)	Sc x L	E x F	P
400284	3/8	17,2	20x1,5	M6x15		1
400285	1/2	21,3	20x1,5	M6x15		1
400286	3/4	26,9	20x1,5	M6x15		1
400287	1	33,7	20x1,5	M6x15		1
400288	1-1/4	42,4	20x1,5	M6x15	25x7	1
400289	1-1/2	48,3	20x2,0	M6x15	25x7	1
400290	2	60,3	20x2,0	M6x15	25x7	1
400291	2-1/2	76,1	20x2,0	M6x15	30x8	1
400292	3	88,9	20x2,0	M6x15		1

DSC W

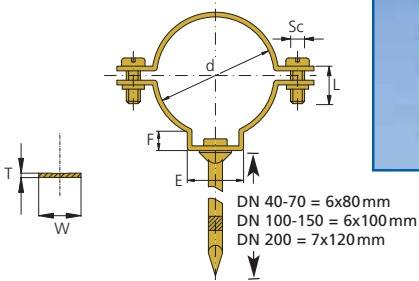


Nº	DN	d (mm)	W x T (mm)	Sc x L	P
400293	DN 32	32	20x1,5	M6x15	1
400294	DN 40	42	20x1,5	M6x15	1
400295	DN 50	53	20x2,0	M6x15	1
400296	DN 70	73	20x2,0	M6x15	1
400297	DN 100	102	20x2,0	M6x15	1
400298	DN 125	133	20x2,0	M6x15	1



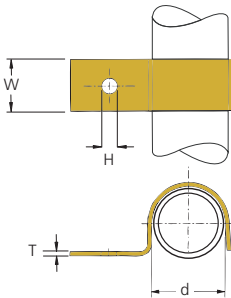


DSC P



N ^o	Ø (")	d (mm)	W x T (mm)	Sc x L	E x F	P
400305	DN 40	40	20x2,0	M6x15	25x7	1
400306	DN 50	50	20x2,0	M6x15	25x7	1
400307	DN 70	75	20x2,0	M6x15	40x8	1
400308	DN 100	110	20x2,0	M6x20	45x9	1
400309	DN 125	125	20x2,0	M6x20	45x9	1
400310	DN 150	160	20x2,0	M6x20		1
400311	DN 200	200	20x2,5	M6x20		1

1HPS

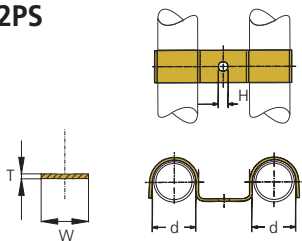


N ^o	Ø (")	d (mm)	H (mm)	P	WxT (mm)
400672	3/8	20	7	1	20x1,5
400673	1/2	25	7	1	20x1,5
400674	3/4	28	7	1	20x1,5



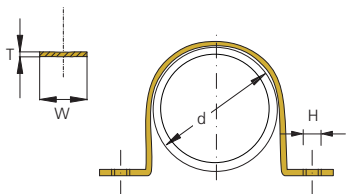
2

2PS



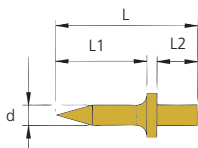
Nº	Ø (")	d (mm)	H (mm)	P	WxT (mm)
400675	3/8	20	7	1	20x1,5
400676	1/2	25	7	1	20x1,5
400677	3/4	28	7	1	20x1,5

2HPS



Nº	Ø (")	d (mm)	H (mm)	P	WxT (mm)
400678	3/8	17,2	7	1	20x1,0
400679	1/2	21,3	7	1	20x1,0
400680	3/4	26,9	7	1	20x1,0
400681	1	33,7	7	1	20x1,0
400682	1-1/4	42,4	7	1	20x1,0
400683	1-1/2	48,3	7	1	20x1,0
400684	2	60,3	7	1	20x1,0

HIB



Nº	d (mm)	L	L1	L2	P
400426	4	24	14	8	0
400427	4	28	18	8	0





HIBT

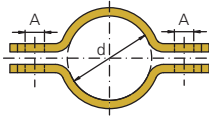
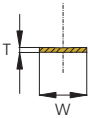
N^o

400428



SSG

NEW



P3

P6



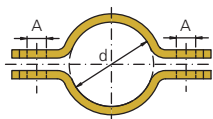
N ^o	Ø (mm)	W x T (mm)	A (mm)	P
574500	35	40x4,0	11,0	3
574510	43	40x4,0	11,0	3
574520	49	40x4,0	11,0	3
574530	61	40x4,0	11,0	3
574540	77	40x4,0	11,0	3
574550	90	40x4,0	11,0	3
574560	115	50x6,0	18,0	3
574565	141	50x6,0	18,0	3
574570	170	50x6,0	18,0	3
574580	207	50x6,0	18,0	3
574590	222	60x8,0	22,0	3

N ^o	Ø (mm)	W x T (mm)	A (mm)	P
574600	22	23x3,0	6,6	6
574610	28	23x3,0	6,6	6
574620	35	40x4,0	11,0	6
574630	43	40x4,0	11,0	6
574640	49	40x4,0	11,0	6
574650	61	40x4,0	11,0	6
574660	77	40x4,0	11,0	6
574670	90	40x4,0	11,0	6
574680	115	50x6,0	18,0	6
574685	141	50x6,0	18,0	6
574690	170	50x6,0	18,0	6
574700	222	60x8,0	22,0	6



2

RS DIN



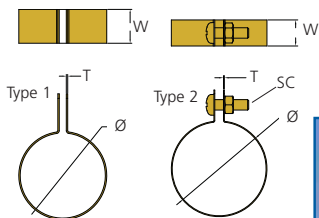
Nº	Ø (")	WxT (mm)	A (mm)	P
400148	20	30x5	11,5	0
400149	21,3	30x5	11,5	0
400150	25	30x5	11,5	0
400151	26,9	30x5	11,5	0
400152	30	30x5	11,5	0
400153	33,7	30x5	11,5	0
400154	38	30x5	11,5	0
400155	42,4	30x5	11,5	0
400156	44,5	30x5	11,5	0
400157	48,3	30x5	11,5	0
400158	54	40x6	14,0	0
400159	57	40x6	14,0	0
400160	60,3	40x6	14,0	0
400161	70	40x6	14,0	0
400162	76,1	40x6	14,0	0
400163	82	40x6	14,0	0
400164	88,9	40x6	14,0	0
400165	95	40x6	14,0	0
400166	102	40x6	18,0	0
400167	108	50x8	18,0	0
400168	114,3	50x8	18,0	0
400169	121	50x8	18,0	0
400170	133	50x8	18,0	0
400171	139,7	50x8	18,0	0
400172	154	50x8	18,0	0
400173	159	50x8	18,0	0
400174	168,3	50x8	18,0	0
400175	180	50x8	18,0	0
400176	194	50x8	18,0	0
400177	219,1	50x8	18,0	0
400178	225	50x8	18,0	0
400179	245	60x8	23,0	0
400180	267	60x8	23,0	0
400181	273	60x8	23,0	0
400182	280	60x8	23,0	0
400183	299	60x8	23,0	0
400184	315	60x8	23,0	0
400185	323,9	60x8	23,0	0
400186	355,6	60x8	23,0	0
400187	368,3	60x8	23,0	0
400188	406,4	70x10	27,0	0
400189	419	70x10	27,0	0
400190	457	70x10	27,0	0
400191	508	70x10	27,0	0
400192	521	70x10	27,0	0
400193	610	70x10	27,0	0
400194	711	70x10	27,0	0
400195	812	70x10	27,0	0

Nº	Ø (")	WxT (mm)	A (mm)	P
400196	20	30x5,0	11,5	3
400197	21.3	30x5,0	11,5	3
400198	25	30x5,0	11,5	3
400199	26.9	30x5,0	11,5	3
400200	30	30x5,0	11,5	3
400201	33.7	30x5,0	11,5	3
400202	38	30x5,0	11,5	3
400203	42.4	30x5,0	11,5	3
400204	44.5	30x5,0	11,5	3
400205	48.3	30x5,0	11,5	3
400206	54	40x6,0	14,0	3
400207	57	40x6,0	14,0	3
400208	60.3	40x6,0	14,0	3
400209	70	40x6,0	14,0	3
400210	76.1	40x6,0	14,0	3
400211	82	40x6,0	14,0	3
400212	88.9	40x6,0	14,0	3
400213	95	40x6,0	14,0	3
400214	102	50x8,0	18,0	3
400215	108	50x8,0	18,0	3
400216	114.3	50x8,0	18,0	3
400217	121	50x8,0	18,0	3
400218	133	50x8,0	18,0	3
400219	139.7	50x8,0	18,0	3
400220	154	50x8,0	18,0	3
400221	159	50x8,0	18,0	3
400222	168.3	50x8,0	18,0	3
400223	180	50x8,0	18,0	3
400224	194	50x8,0	18,0	3
400225	219.1	50x8,0	18,0	3
400226	225	50x8,0	18,0	3
400227	245	60x8,0	23,0	3
400228	267	60x8,0	23,0	3
400229	273	60x8,0	23,0	3
400230	280	60x8,0	23,0	3
400231	299	60x8,0	23,0	3
400232	315	60x8,0	23,0	3
400233	323.9	60x8,0	23,0	3
400234	355.6	60x8,0	23,0	3
400235	368.3	60x8,0	23,0	3
400236	406.4	70x10,0	27,0	3
400237	419	70x10,0	27,0	3
400238	457	70x10,0	27,0	3
400239	508	70x10,0	27,0	3
400240	521	70x10,0	27,0	3
400241	610	70x10,0	27,0	3
400242	711	70x10,0	27,0	3
400243	812	70x10,0	27,0	3





STRC



NEW



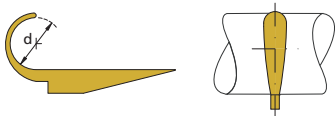
Type 1

Nº	Ø (mm)	W x T (mm)	P
574115	15	24x1,0	1
574120	18	24x1,0	1
574125	22	24x1,0	1
574130	28	24x1,0	1
574135	35	24x1,0	1
574050	42.4	24x1,0	1
574060	48.3	24x1,0	1
574070	60.3	24x1,0	1
574080	76.1	24x1,0	1
574090	88.9	24x1,0	1
574100	110	24x1,0	1
574110	114.3	24x1,0	1

Type 2

Nº	Ø (mm)	W x T (mm)	SC	P
574150	8	15x0,5	M6	CU+1
574160	10	15x0,5	M6	CU+1
574170	12	15x0,5	M6	CU+1
574180	15	15x0,5	M6	CU+1
574190	18	15x0,5	M6	CU+1
574200	22	15x0,5	M6	CU+1
574210	28	15x0,5	M6	CU+1
574220	35	15x0,5	M6	CU+1
574230	42	15x0,5	M6	CU+1
574240	54	15x0,5	M6	CU+1
574242	70	15x0,5	M8	CU+1
574243	76.1	15x0,5	M8	CU+1

UPH



Nº	Ø (")	d (mm)	P
400312	3/8	17,2	0
400313	1/2	21,3	0
400314	3/4	26,9	0
400315	1	33,7	0
400316	1-1/4	42,4	0
400317	1-1/2	48,3	0
400318	2	60,3	0

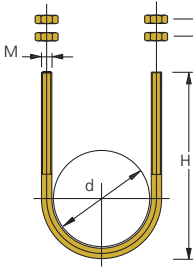
Nº	Ø (")	d (mm)	P
400319	3/8	17,2	1
400320	1/2	21,3	1
400321	3/4	26,9	1
400322	1	33,7	1
400323	1-1/4	42,4	1
400324	1-1/2	48,3	1
400325	2	60,3	1
400326	2-1/2	76,1	1
400327	4	114,3	1



2

U-BOLT M8/M10

NEW

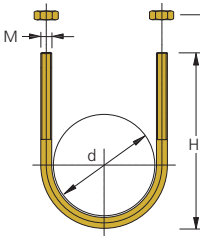


N°	M	Ø (")	DN	d (mm)	H (mm)	P
599331	8	1/4		13	34	1
599332	8	3/8	10	17	42	1
599333	8	1/2	15	21	46	1
599334	8	3	80	90	125	1
599335	8	4	100	114	166	1
599336	8	4-3/4		135	190	1
599337	8	5	125	140	197	1
599338	8	5-1/2		160	214	1
599339	8	6	150	168	224	1
599340	10			193	248	1
599341	10	8	200	219	286	1
599342	10	10	250	273	331	1
599343	10	12	300	323	389	1





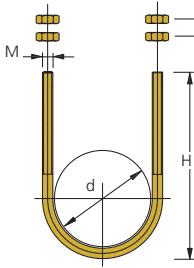
U-BOLT DIN



Nº	M	Ø (")	DN	d (mm)	H	P
400254	10	1/2	15	21,3	55	1
400255	10	3/4	20	26,9	70	1
400256	10	1	25	33,7	76	1
400257	10	1-1/4	32	42,4	86	1
400258	10	1-1/2	40	48,3	92	1
400259	12	2	50	60,3	109	1
400260	12	2-1/2	65	76,1	125	1
400261	12	3	80	88,9	138	1
400262	16	4	100	114,3	171	1
400263	16	5	125	139,7	191	1
400264	16	6	150	168,3	217	1
400265	20	8	200	219,1	283	1
400266	20	10	250	273	334	1
400267	20	12	300	323,9	385	1
400268	24	350	368	435	1	
400269	24	16	400	419	487	1
400270	24	20	500	508	589	1



U-BOLT LD

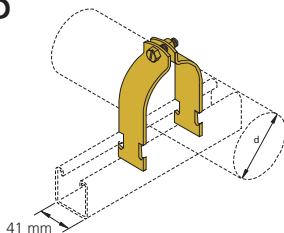


Nº	M	Ø (")	DN	d (mm)	H	P
599100	6	1/4		13	28	1
599110	6	3/8	10	17	36	1
599120	6	1/2	15	21	40	1
599130	8	3/4	20	27	50	1
599140	8	1	25	34	55	1
599150	8	1-1/4	32	42	68	1
599160	8	1-1/2	40	49	70	1
599170	8	2	50	60	80	1
599180	8	2-1/2	65	76	110	1
599190	10	3	80	90	115	1
599200	10	4	100	114	156	1
599210	10	4-3/4		135	190	1
599220	12	5	125	140	185	1
599230	14	5-1/2		160	210	1
599240	14	6	150	168	210	1
599280	16			193	232	1
599250	16	8	200	219	270	1
599260	16	10	250	273	315	1
599270	18	12	300	323	371	1





OD



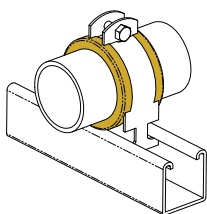
Nº	Ø (")	W x T (mm)	P
598811		6-8	1
598812	1/8	8-11	1
598813		11-12	1
598814	3/8	15-17	1
598815		18-20	1
598816	1/2	21-23	1
598817		23-26	1
598818	3/4	26-29	1
598819		29-32	1
598822	1	32-36	1
598823		36-39	1
598824		39-42	1
598825	1-1/4	42-45	1
598826	1-1/2	46-50	1
598827		50-54	1
598828		52-56	1
598829		56-60	1
598831	2	60-63	1
598832		62-64	1
598833		64-67	1
598834		67-71	1
598835		71-74	1
598836	2-1/2	74-77	1
598837		77-80	1
598838		83-86	1
598839	3	86-90	1
598842		96-100	1
598843		100-103	1
598844		109-112	1
598845	4	112-115	1
598846		115-118	1
598847		125-128	1
598848		132-135	1
598849		135-138	1
598853	5	138-141	1
598854		148-151	1
598855		157-160	1
598856		160-164	1
598857	6	164-167	1
598858		167-170	1
598859		176-179	1
598862		179-182	1
598863		189-192	1
598864		196-200	1
598865	8	218-221	1

Nº	Ø (")	d (mm)	P
598806	1/2	21.3	3
598807	3/4	26.9	3
598808	1	33.7	3
598809	1-1/4	42.4	3
598866	1-1/2	48.3	3
598867	2	60.3	3
598868	2-1/2	76.1	3
598869	3	88.9	3
598875	4	113.3	3
598876	5	139.7	3
598877	6	165.1	3
598878	8	219	3
598983	10	273	3



2

ISO

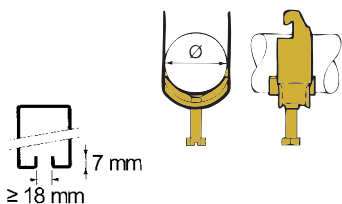


NEW



N°	Icon	L (m)
402268	OD ISO	10

C-EC

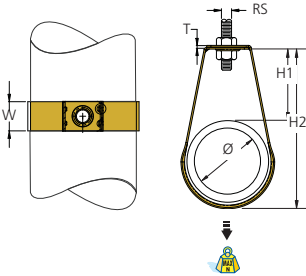


N°	Icon	Ø (mm)	P
337600	C12EC	6-12	3
337610	C16EC	12-16	3
337620	C20EC	16-20	3
337630	C24EC	20-24	3
337640	C28EC	24-28	3
337650	C32EC	28-32	3
337660	C36EC	32-36	3
337670	C40EC	36-40	3
337680	C44EC	40-44	3
337690	C48EC	44-48	3
337700	C52EC	48-52	3
337710	C56EC	52-56	3
337720	C60EC	56-60	3
337730	C64EC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





CADDY® EPB PLUS



DN20-DN200
(3/4" - 8")



Nº	Ø (")	DN	OD	RS	W x T (mm)	H1 (mm)	H2 (mm)	P	
279500	1/2	15	21	M10	22x1,2	45	67	1	1330
279501	3/4	20	27	M10	22x1,2	45	73	1	1330
279502	1	25	34	M10	22x1,2	45	80	1	1330
279503	1-1/4	32	43	M10	22x1,2	50	93	1	1330
279504	1-1/2	40	48	M10	22x1,2	50	100	1	1330
279505	2	50	60	M10	22x1,2	50	112	1	1330
279506	2-1/2	65	76	M12	25x1,5	50	128	1	2340
279507	3	80	89	M12	25x1,5	50	141	1	2340
279508	4	100	113	M12	32x1,5	52	172	1	2890
279509	5	125	139	M12	32x1,8	58	200	1	2890
279511	6	150	165	M12	32x1,8	60	230	1	4450
279512	8	200	219	M16	40x2,2	90	290	1	6000





FCN/115M

44



LHSR6

44



FCS

45

NEW

FCS HDWR

45

NEW

CADDY® EPB PLUS

46



HDPC

47

NEW

HDPC HT

48

NEW

HDPC AB

49



CLEVIS 401

49

NEW

CLEVIS 410

50

NEW

CADDY® SLOT LOCK

50

NEW

CADDY® RISER 510

51

NEW

U-BOLT DIN

52



SCT

53



SAB

54



3



CA

54



TCA/LA

55



SBA

55

NEW



FSE

55



FSO

56



EM HEXI

56



TBHK

57



TBHG

58

NEW



TK300

58



BTK310

59



315

59



SL

60

NEW



MTVB

60



107-CPVC

61

NEW



108-CPVC

61



**NEW**

109-CPVC

62

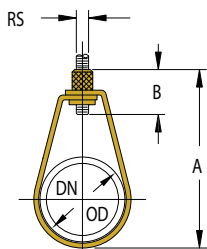
NEW

50-CPVC

62

**3**

FCN/115M



20 mm - 200 mm 15 mm - 200 mm



N°		DN	Ø (")	OD (mm)	RS	A (mm)	B (mm)	P	
597860	115M0050EG	15	1/2	21	M10	70	25	1	1330
597870	115M0075EG	20	3/4	27	M10	78	25	1	1330
597880	115M0100EG	25	1	34	M10	84	25	1	1330
597890	115M0125EG	32	1-1/4	43	M10	90	25	1	1330
597900	115M0150EG	40	1-1/2	48	M10	97	25	1	1330
597910	115M0200EG	50	2	60	M10	108	25	1	1330
597920	115M0250EG	65	2-1/2	76	M10	140	25	1	2340
597930	115M0300EG	80	3	89	M10	165	25	1	2340
597940	115M0400EG	100	4	114	M10	191	25	1	2890
597950	115M0500EG	125	5	140	M12	232	32	1	4450
597960	115M0600EG	150	6	165	M12	286	32	1	4450
597970	115M0800EG	200	8	219	M12	325	32	1	4450

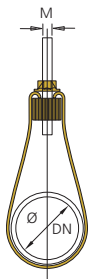
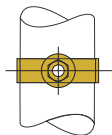
LHSR6

N°	P	Ø (")
589298	21	1/2-2





FCS



3/4" - 8"
M10-M16

M8-M20



Nº	Ø (")	OD (mm)	DN	M	P
597961	1/2	21	15	M8	1
597962	3/4	27	20	M8	1
597963	1	34	25	M8	1
597964	1-1/4	43	32	M8	1
597965	1-1/2	48	40	M8	1
597966	2	60	50	M8	1
597968	3/4	27	20	M10	1
597969	1	34	25	M10	1
597971	1-1/4	43	32	M10	1
597972	1-1/2	48	40	M10	1
597973	2	60	50	M10	1
597974	2-1/2	76	65	M10	1
597975	3	89	80	M10	1
597976	4	114	100	M10	1
597977	5	140	125	M12	1
597978	6	165	150	M12	1
597979	8	219	200	M16	1
597981	10	273	250	M20	1

FCS HDWR

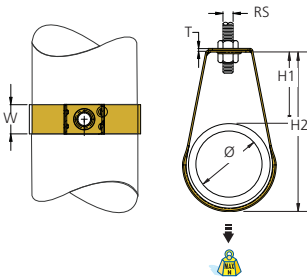
NEW



Nº	M	Ø (")	P
598151	M8	1/2 - 2	1
598152	M10	3/4 - 2	1
598153	M10	2-1/2 - 4	1
598154	M12	5 - 6	1
598155	M16	8	1
598156	M20	10	1

**3**

CADDY® EPB PLUS



DN20-DN200
(3/4" - 8")



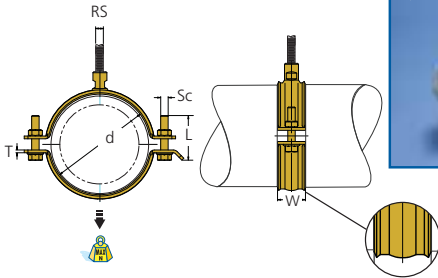
N°	Ø (")	DN	OD	RS	W x T (mm)	H1 (mm)	H2 (mm)	P	
279500	1/2	15	21	M10	22x1,2	45	67	1	1330
279501	3/4	20	27	M10	22x1,2	45	73	1	1330
279502	1	25	34	M10	22x1,2	45	80	1	1330
279503	1-1/4	32	43	M10	22x1,2	50	93	1	1330
279504	1-1/2	40	48	M10	22x1,2	50	100	1	1330
279505	2	50	60	M10	22x1,2	50	112	1	1330
279506	2-1/2	65	76	M12	25x1,5	50	128	1	2340
279507	3	80	89	M12	25x1,5	50	141	1	2340
279508	4	100	113	M12	32x1,5	52	172	1	2890
279509	5	125	139	M12	32x1,8	58	200	1	2890
279511	6	150	165	M12	32x1,8	60	230	1	4450
279512	8	200	219	M16	40x2,2	90	290	1	6000





HDPC

NEW

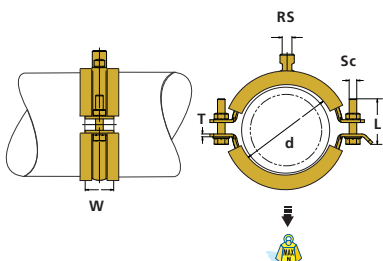


VdS

Nº	Ø (")	d (mm)	W x T (mm)	RS	Sc x L	P		FM/VdS
577001	3/8	15-19	30x2,5	M8 / M10	M6x30	1	2000	
577002	1/2	20-24	30x2,5	M8 / M10	M6x30	1	2000	VdS
577003	3/4	25-30	30x2,5	M8 / M10	M6x30	1	2000	VdS / FM
577004	1	31-35	30x2,5	M8 / M10	M6x30	1	2000	VdS / FM
577005		36-41	30x2,5	M8 / M10	M6x30	1	2000	VdS
577006	1-1/4	40-45	30x2,5	M8 / M10	M6x30	1	2000	VdS / FM
577007	1-1/2	48-53	30x2,5	M8 / M10	M6x30	1	2000	VdS / FM
577008		54-59	30x2,5	M8 / M10	M6x30	1	2000	VdS
577009	2	60-65	30x2,5	M8 / M10	M6x30	1	2000	VdS / FM
577010		61-72	30x2,5	M8 / M10	M8x40	1	3500	VdS
577011	2-1/2	76-81	30x3,0	M10 / M12	M8x40	1	3500	VdS / FM
577012		82-85	30x3,0	M10 / M12	M8x40	1	3500	VdS
577013	3	88-94	30x3,0	M10 / M12	M8x40	1	3500	VdS / FM
577014		95-102	30x3,0	M10 / M12	M8x40	1	3500	VdS
577015		102-108	30x3,0	M10 / M12	M8x40	1	3500	VdS
577016	4	110-116	30x3,0	M10 / M12	M8x40	1	3500	VdS / FM
577017		117-124	30x3,0	M10 / M12	M8x40	1	5000	VdS
577018		124-129	30x3,0	M10 / M12	M8x40	1	5000	VdS
577019		133-140	40x4,0	M10 / M12	M8x40	1	5000	VdS
577020	5	140-146	40x4,0	M12 / M16	M10x40	1	5000	VdS / FM
577021		149-155	40x4,0	M12 / M16	M10x40	1	5000	VdS
577022		159-165	40x4,0	M12 / M16	M10x40	1	5000	VdS
577023	6	167-173	40x4,0	M12 / M16	M10x40	1	5000	VdS / FM
577024		176-182	40x4,0	M12 / M16	M10x40	1	8500	
577025		188-194	40x4,0	M12 / M16	M10x40	1	8500	
577026		199-205	40x4,0	M12 / M16	M10x40	1	8500	
577027		207-216	40x4,0	M12 / M16	M10x40	1	8500	
577028	8	219-226	40x4,0	M12 / M16	M10x40	1	8500	VdS
577029		227-236	40x4,0	M16 / M20	M12x40	1	10000	
577030		244-250	40x4,0	M16 / M20	M12x40	1	10000	
577031		251-261	40x4,0	M16 / M20	M12x40	1	10000	
577032	10	267-273	40x4,0	M16 / M20	M12x40	1	10000	VdS
577068		305-316	40x4,0	M16 / M20	M12x40	1	10000	

**3**

HDPC HT (HDPCI SIL)

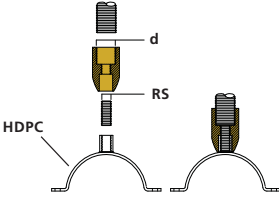
NEW

Nº	Ø (")	d (mm)	W x T (mm)	RS	Sc x L	P	
402131	3/8	14-18	30x2,5	M8/M10	M6x30	1	2000
402132	1/2	19-23	30x2,5	M8/M10	M6x30	1	2000
402133	3/4	24-28	30x2,5	M8/M10	M6x30	1	2000
402134	1	29-33	30x2,5	M8/M10	M6x30	1	2000
402135		33-37	30x2,5	M8/M10	M6x30	1	2000
402136	1-1/4	40-45	30x2,5	M8/M10	M6x30	1	2000
402137	1-1/2	47-52	30x2,5	M8/M10	M6x30	1	2000
402138		53-58	30x2,5	M8/M10	M6x30	1	2000
402139	2	60-65	30x2,5	M8/M10	M8x40	1	2000
402140		67-72	30x3,0	M10/M12	M8x40	1	3500
402141	2-1/2	73-78	30x3,0	M10/M12	M8x40	1	3500
402142		79-85	30x3,0	M10/M12	M8x40	1	3500
402143	3	88-93	30x3,0	M10/M12	M8x40	1	3500
402144		94-99	30x3,0	M10/M12	M8x40	1	3500
402145		100-106	30x3,0	M10/M12	M8x40	1	3500
402146	4	108-116	30x3,0	M10/M12	M8x40	1	3500
402147		117-123	30x3,0	M10/M12	M8x40	1	5000
402148		124-129	40x4,0	M10/M12	M8x40	1	5000
402149		131-137	40x4,0	M12/M16	M10x40	1	5000
402150	5	138-145	40x4,0	M12/M16	M10x40	1	5000
402151		148-154	40x4,0	M12/M16	M10x40	1	5000
402152		156-162	40x4,0	M12/M16	M10x40	1	5000
402153	6	165-171	40x4,0	M12/M16	M10x40	1	5000
402154		177-183	40x4,0	M12/M16	M10x40	1	8500
402155		188-194	40x4,0	M12/M16	M10x40	1	8500
402156		196-203	40x4,0	M12/M16	M10x40	1	8500
402157		205-214	40x4,0	M12/M16	M10x40	1	8500
402158	8	219-225	40x4,0	M16/M20	M12x40	1	8500
402159		226-236	40x4,0	M16/M20	M12x40	1	10000
402160		244-250	40x4,0	M16/M20	M12x40	1	10000
402161		251-261	40x4,0	M16/M20	M12x40	1	10000
402162	10	265-273	40x4,0	M16/M20	M12x40	1	10000
402224		305-316	40x4,0	M16/M20	M12x40	1	10000





HDPC AB

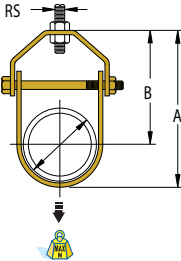


NEW



N ^o	RS	d (")	P
402163	M10	1/2	1
402164	M12	1/2	1
402165	M12	3/4	1
402166	M12	1	1
402167	M16	1/2	1
402168	M16	3/4	1
402169	M16	1	1

CLEVIS 401



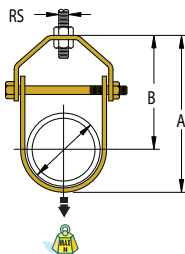
2-1/2"-8"



N ^o		Ø (")	OD (mm)	RS	A (mm)	B (mm)	P	
179398	4010050EG	1/2"	21	M10	54	41	1	2700
179399	4010075EG	3/4"	27	M10	61	45	1	2700
179420	4010100EG	1"	34	M10	79	52	1	2700
179421	4010125EG	1-1/4"	43	M10	84	61	1	2700
179422	4010150EG	1-1/2"	48	M10	100	75	1	2700
179423	4010200EG	2"	60	M10	114	83	1	2700
179424	4010250EGAU	2-1/2"	76	M12	133	95	1	5000
179425	4010300EG	3"	89	M12	152	105	1	5000
179426	4010400EG	4"	114	M16	197	137	1	5000
179427	4010500EG	5"	140	M16	248	173	1	6400
179428	4010600EG	6"	165	M20	298	209	1	8600
179429	4010800EG	8"	219	M20	356	241	1	8900
179430	4011000EG	10"	273	M20	419	276	1	16000
179431	4011200EG	12"	324	M20	473	305	1	17000
179432	4011400EG	14"	356	M24	552	368	1	18700
179433	4011600EG	16"	406	M24	609	400	1	20500
179434	4011800EG	18"	457	M28	680	444	1	21400
179435	4012000EG	20"	508	M32	762	498	1	21400
179436	4012400EG	24"	610	M32	867	552	1	21400

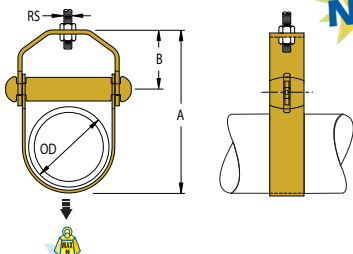
**3**

CLEVIS 410



N°		Ø (")	OD (mm)	RS	A (mm)	B (mm)	P	
179400	4100100EG	1	34	M10	71	52	1	1100
179401	4100125EG	1-1/4	43	M10	84	60	1	1100
179402	4100150EG	1-1/2	48	M10	101	75	1	1100
179403	4100200EG	2	60	M10	114	83	1	1100
179404	4100250EG	2-1/2	73	M12	134	95	1	1550
179405	4100300EG	3	89	M12	153	105	1	1550
179406	4100400EG	4	114	M16	197	137	1	2200
179407	4100500EG	5	140	M16	248	173	1	2650
179408	4100600EG	6	165	M20	299	210	1	3550
179409	4100800EG	8	219	M20	356	241	1	5300

CADDY® SLOT LOCK



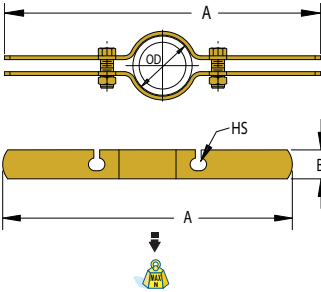
N°		Ø (")	OD (mm)	RS	A (mm)	B (mm)	P	
178300	4270050EG	1/2	21	M10	69	56	1	2700
178301	4270075EG	3/4	27	M10	80	64	1	2700
178302	4270100EG	1	34	M10	87	68	1	2700
178303	4270125EG	1-1/4	43	M10	96	72	1	2700
178304	4270150EG	1-1/2	48	M10	107	80	1	2700
178305	4270200EG	2	60	M10	123	90	1	2700
178306	4270250EGAU	2-1/2	76	M12	138	98	1	5000
178307	4270300EG	3	89	M12	161	113	1	5000
178308	4270400EG	4	114	M16	203	142	1	5000
178309	4270500EG	5	140	M16	249	174	1	6400
178310	4270600EG	6	165	M20	291	202	1	8600
178311	4270800EG	8	219	M20	358	243	1	8900





CADDY® RISER 510

NEW

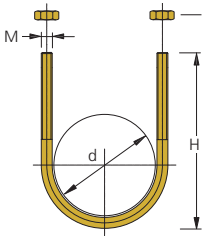


Nº		Ø (")	OD (mm)	A (mm)	B (mm)	HS (mm)	P	
129325	5100050EG	1/2	21	216	25	11	1	1100
129326	5100075EG	3/4	27	229	25	11	1	1100
129327	5100100EG	1	34	229	25	11	1	1100
129328	5100125EG	1-1/4	43	240	25	11	1	1100
129329	5100150EG	1-1/2	48	245	25	11	1	1100
129330	5100200EG	2	60	260	30	11	1	1100
129331	5100250EGAU	2-1/2	76	280	30	11	1	1700
129332	5100300EG	3	89	298	30	11	1	2400
129333	5100400EG	4	114	330	38	14	1	3600
129334	5100500EGAU	5	140	368	38	14	1	5200
129335	5100600EGAU	6	165	406	51	14	1	7000
129336	5100800EG	8	219	464	51	17	1	11100
129337	5101000EG	10	273	524	51	17	1	11100
129338	5101200EG	12	324	569	51	17	1	12000
129339	5101400EG	14	356	613	51	17	1	12000
129340	5101600EG	16	406	708	64	21	1	13000
129341	5101800EG	18	457	757	64	21	1	13000
129342	5102000EG	20	508	819	64	21	1	13000
129343	5102400EG	24	610	918	76	23	1	13000





U-BOLT DIN



N°	M	Ø (in)	DN	d (mm)	H (mm)	P
400254	M10	1/2	15	21,3	55	1
400255	M10	3/4	20	26,9	70	1
400256	M10	1	25	33,7	76	1
400257	M10	1-1/4	32	42,4	86	1
400258	M10	1-1/2	40	48,3	92	1
400259	M12	2	50	60,3	109	1
400260	M12	2-1/2	65	76,1	125	1
400261	M12	3	80	88,9	138	1
400262	M16	4	100	114,3	171	1
400263	M16	5	125	139,7	191	1
400264	M16	6	150	168,3	217	1
400265	M20	8	200	219,1	283	1
400266	M20	10	250	273	334	1
400267	M20	12	300	323,9	385	1
400268	M24	350	350	368	435	1
400269	M24	16	400	419	487	1
400270	M24	20	500	508	589	1





SCT

NEW

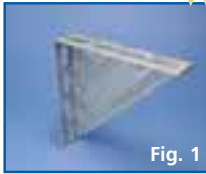


Fig. 1

Fig. 2
Fig. 3

N ^o	Fig.	L1 (mm)	L2 (mm)	A x B (mm)	P		90°
312196	1	210	210	37,0x14,0	3	6000	6000
312197	2	240	315	57,5x17,5	3	4000	8000
312198	3	350	550	57,5x17,5	3	4000	8000

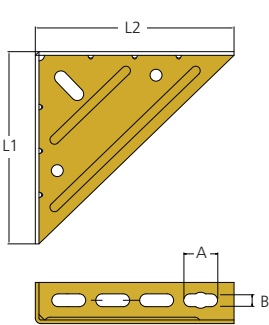


Fig. 1

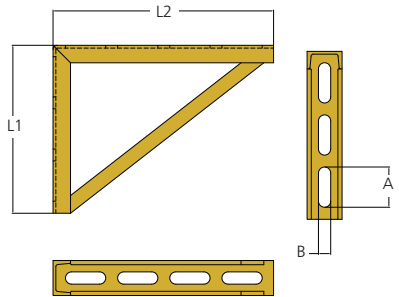


Fig. 2

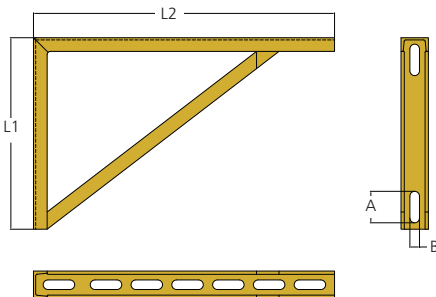
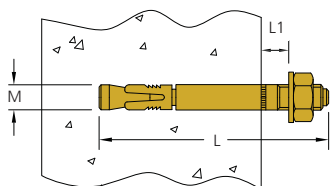


Fig. 3

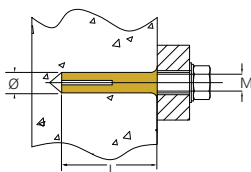
**3****SAB**

N°	M	L (mm)	L1 (mm)	P
400408	M8	75	10	1
400409	M8	115	50	1
400410	M10	90	10	1
400411	M10	139	50	1
402170	M12	110	15	1
401158	M12	145	50	1
401159	M12	180	85	1
402171	M16	145	25	1

M10-M16



M8-M16

**CA**

N°	M	Ø (mm)	L (mm)	P
593190	M8	10	30	1
593195	M8	10	40	1
593200	M10	12	40	1
400415	M12	15	50	1
400416	M16	20	65	1
593205	M20	25	80	1

M10-M20



M8-M20





TCA/LA

Nº	P
593150	1
593160	1
593170	1
400420	1
400421	1



SBA

Fig. 1, 2

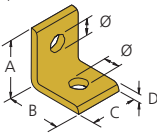
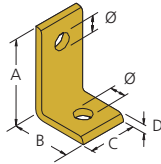
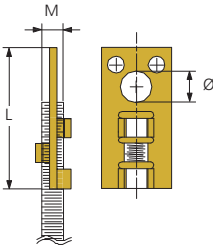


Fig. 3



Nº	A (mm)	B (mm)	C (mm)	D (mm)	Ø (mm)	P	Fig.
589295	50	50	50	5	11	3	1
589296	50	50	50	6	14	3	2
589297	60	40	45	6	13	1	3

FSE

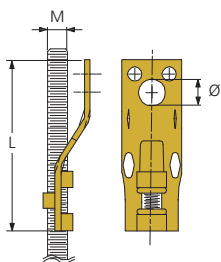


Nº	M (mm)	Ø (mm)	L (mm)	P
598300	M10	10,3	47,5	1
598310	M12	13,5	70,0	1



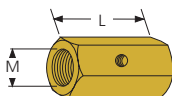
3

FSO



Nº	M (mm)	Ø (mm)	L (mm)	P
598290	M10	12,7	79	1

EM HEXI



Nº	M (mm)	L (mm)	P
592355	M8	30	1
592356	M10	30	1
592357	M12	30	1
592358	M16	32	1
592359	M20	40	1

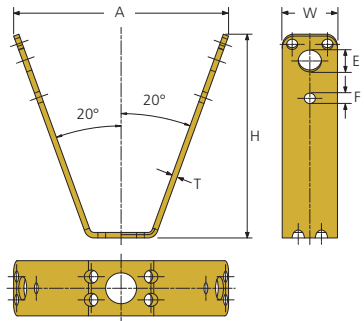
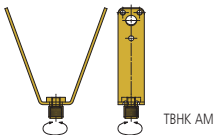
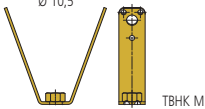
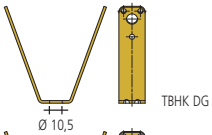




TBHK

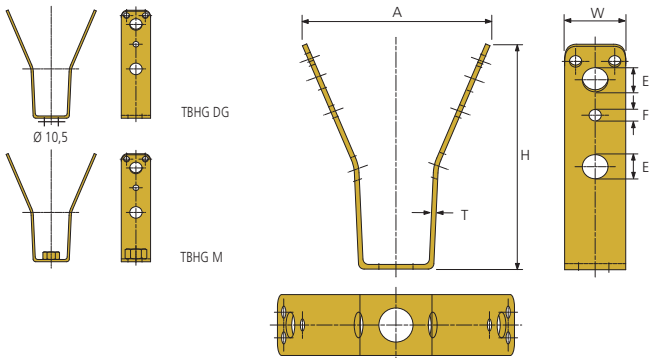
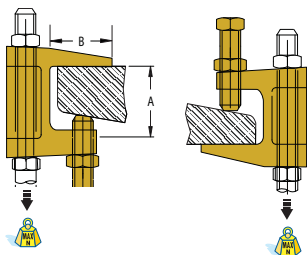


N°	TBHK	H (mm)	A (mm)	E (mm)	F (mm)	W x T (mm)	P	FM/VdS
597581	DG	91,5	97,0	10,5	6	25x2,5	1	
597582	M8	91,5	97,0	10,5	6	25x2,5	1	VdS
597583	M10	91,5	97,0	10,5	6	25x2,5	1	FM/VdS
597584	AM8	91,5	97,0	10,5	6	25x2,5	1	
597585	AM10	91,5	97,0	10,5	6	25x2,5	1	



**3****TBHG**

N°	TBHG_	H (mm)	A (mm)	E (mm)	F (mm)	W x T (mm)	P
597586	DG	120	100	11	6	25x2,5	1
597587	M8	120	100	11	6	25x2,5	1
597588	M10	120	100	11	6	25x2,5	1

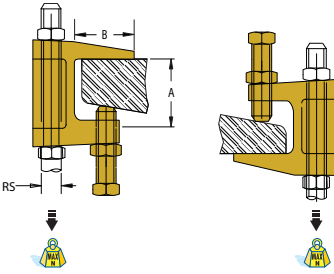
**TK300**

N°	RS	A (mm)	B (mm)	VdS	FM	P	Weight
389500	9	18	21	VdS	-	1	1200
386810	M8	18	21	VdS	-	1	1200
389510	11	20	23	VdS	FM	1	2500
386820	M10	20	23	VdS	FM	1	2500
389520	13	26	35	VdS	FM	1	3500
386830	M12	26	35	VdS	FM	1	3500
389505	17	28	30	VdS	FM	1	5500





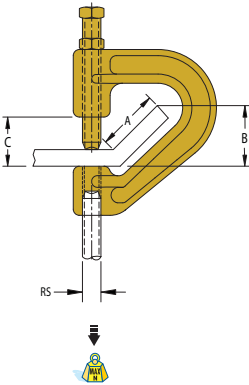
BTK310



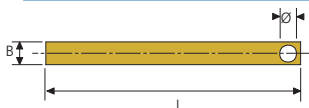
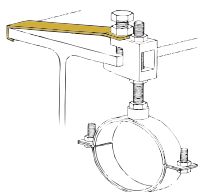
Nº	RS (mm)	A (mm)	B (mm)	P	
389890	M10	21,4	28	1	2500
388890	M12	18,9	28	1	3500

315

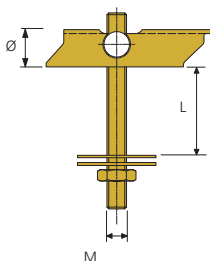
NEW




Nº		RS	A (mm)	B (mm)	C (mm)	DN Max.		P
386825	3150037EG	M10	50	38	25	100	1800	1

**3****SL**

N°	B (mm)	L (mm)	Ø (mm)	P
590240	25	300	11	1

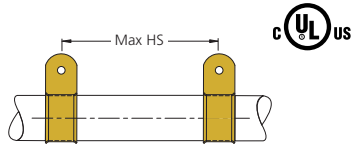
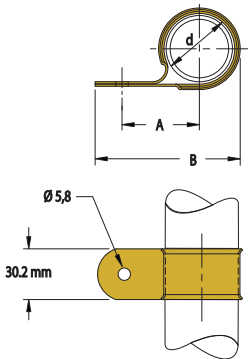
MTVB

N°	M x L (mm)	 (mm)	FM/VdS	P
584455	M8x100	22	VdS	1
584456	M8x200	22	VdS	1
584457	M8x300	22	VdS	1
584458	M8x500	22	VdS	1
584465	M10x100	25	VdS / FM	1
584466	M10x200	25	VdS / FM	1



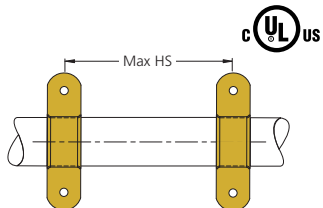
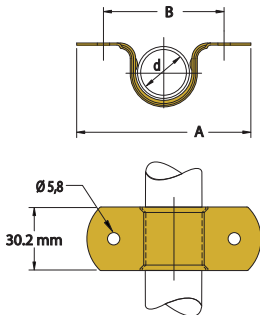


107-CPVC



N ^o		Ø (")	d (mm)	A (mm)	B (mm)	P	Max HS (m)
597816	1070075EG	3/4	26.9	31.8	60.3	1	0.56
597817	1070100EG	1	33.7	36.5	68.3	1	0.59
597818	1070125EG	1-1/4	42.2	41.3	77.8	1	0.66
597819	1070150EG	1-1/2	48.3	44.5	84.1	1	0.69
597821	1070200EG	2	60.3	47.6	93.7	1	0.79

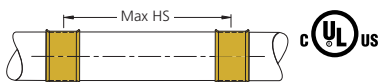
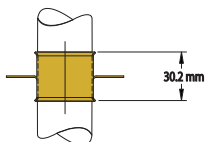
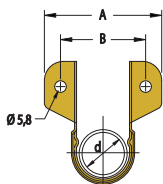
108-CPVC



N ^o		Ø (")	d (mm)	A (mm)	B (mm)	P	Max HS (m)
597822	1080075EG	3/4	26.9	82.6	57.2	1	0.56
597823	1080100EG	1	33.7	88.9	63.5	1	0.59
597824	1080125EG	1-1/4	42.2	108.0	82.6	1	0.66
597825	1080150EG	1-1/2	48.3	112.7	87.3	1	0.69
597826	1080200EG	2	60.3	125.4	100.0	1	0.79

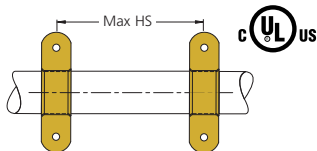
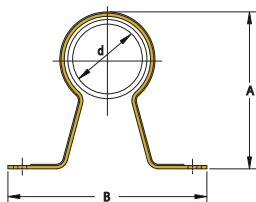
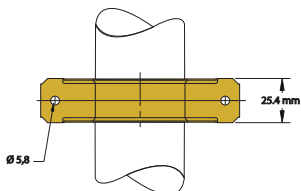
**3**

109-CPVC

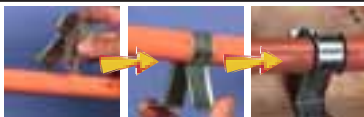


Nº		Ø (")	d (mm)	A (mm)	B (mm)	P	Max HS (m)
597827	1090075EG	3/4	26.9	58.7	42.9	1	0.56
597828	1090100EG	1	33.7	66.7	49.2	1	0.59
597829	1090125EG	1-1/4	42.2	74.6	58.7	1	0.66
597831	1090150EG	1-1/2	48.3	81.0	63.5	1	0.69
597832	1090200EG	2	60.3	92.1	76.2	1	0.79

SO-CPVC



Nº		Ø (")	d (mm)	A (mm)	B (mm)	P	Max HS (m)
597811	SO12A	3/4	26.9	68.3	82.6	1	0.56
597812	SO16A	1	33.7	74.6	82.6	1	0.59
597813	SO20A	1-1/4	42.2	84.1	82.6	1	0.66
597814	SO24A	1-1/2	48.3	90.5	114.3	1	0.69
597815	SO32A	2	60.3	103.2	127.0	1	0.79





MACRO V ISO

64



MACRO V 2TR

65



MACRO V NI

66



MACRO V NI 2TR

67



SPIRO

68



EQV

68



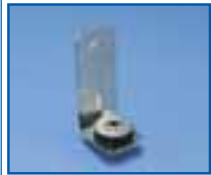
EQVS

68



TBH/TBHS

69



EQLS

69



EQZS

69



EQ-ZAB

70



ABP

70



SBP

70



SBP-C

71

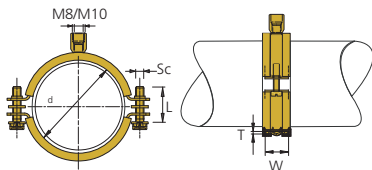


5195/6195

71



MACRO V ISO



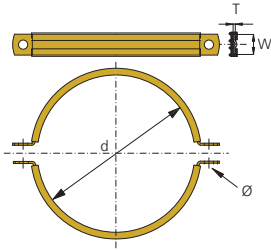
N°	d (mm)	W x T (mm)	Sc x L	P
582340	80	23x1,5	M6x25	1
582350	90	23x1,5	M6x25	1
582360	100	23x1,5	M6x25	1
582280	112	23x1,5	M6x25	1
582390	125	23x1,5	M6x25	1
582410	140	23x1,5	M6x40	1
582420	150	23x1,5	M6x40	1
582430	160	23x1,5	M6x40	1
582440	180	23x1,5	M6x40	1
582450	200	23x1,5	M6x40	1
582470	224	23x2,0	M6x40	1
582480	250	23x2,0	M6x40	1
582490	280	23x2,0	M6x40	1
582500	300	23x2,0	M6x40	1
582510	315	23x2,0	M6x40	1
582530	355	23x2,0	M6x40	1
582540	400	23x2,0	M6x40	1
582550	450	25x2,5	M6x40	1
582560	500	25x2,5	M6x40	1
582580	560	25x2,5	M6x40	1
582590	600	25x2,5	M6x40	1
582600	630	25x2,5	M6x40	1
582810	710	25x2,5	M6x40	1
582820	800	25x2,5	M6x40	1
582830	900	25x2,5	M6x40	1
582840	1000	25x2,5	M6x40	1
582000	1120	25x2,5	M6x40	1
582005	1250	25x2,5	M6x40	1

80 mm - 400 mm





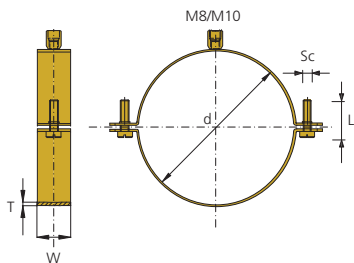
MACRO V 2TR



N°	d (mm)	W x T (mm)	Ø (mm)	P
582029	80	25x2,5	11	1
582030	90	25x2,5	11	1
582031	100	25x2,5	11	1
582032	112	25x2,5	11	1
582033	125	25x2,5	11	1
582034	140	25x2,5	11	1
582035	150	25x2,5	11	1
582036	160	25x2,5	11	1
582037	180	25x2,5	11	1
582038	200	25x2,5	11	1
582039	224	25x2,5	11	1
582040	250	25x2,5	11	1
582041	280	25x2,5	11	1
582042	300	25x2,5	11	1
582043	315	25x2,5	11	1
582044	355	25x2,5	11	1
582045	400	25x2,5	11	1
582050	450	25x2,5	11	1
582055	500	25x2,5	11	1
582060	550	25x2,5	11	1
582065	560	25x2,5	11	1
582070	600	25x2,5	11	1
582075	630	25x 2,5	11	1
582080	710	25x2,5	11	1
582085	800	25x2,5	11	1
582090	900	25x2,5	11	1
582095	1000	25x2,5	11	1
582100	1120	25x2,5	11	1
582105	1250	25x2,5	11	1



MACRO V NI



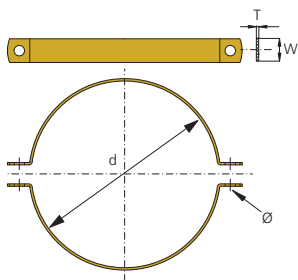
80 mm - 400 mm

N°	d (mm)	W x T (mm)	Sc x L	P
594070	80	23x1,5	M6x25	1
594080	90	23x1,5	M6x25	1
594090	100	23x1,5	M6x25	1
594110	112	23x1,5	M6x25	1
594140	125	23x1,5	M6x25	1
594160	140	23x1,5	M6x40	1
594170	150	23x1,5	M6x40	1
594180	160	23x1,5	M6x40	1
594190	180	23x1,5	M6x40	1
594200	200	23x1,5	M6x40	1
594220	224	23x2,0	M6x40	1
594230	250	23x2,0	M6x40	1
594240	280	23x2,0	M6x40	1
594250	300	23x2,0	M6x40	1
594260	315	23x2,0	M6x40	1
594280	355	23x2,0	M6x40	1
594290	400	23x2,0	M6x40	1
594300	450	25x2,5	M6x40	1
594310	500	25x2,5	M6x40	1
594330	560	25x2,5	M6x40	1
594340	600	25x2,5	M6x40	1
594350	630	25x2,5	M6x40	1
594360	710	25x2,5	M6x40	1
594370	800	25x2,5	M6x40	1
594380	900	25x2,5	M6x40	1
594390	1000	25x2,5	M6x40	1
582010	1120	25x2,5	M6x40	1
582015	1250	25x2,5	M6x40	1





MACRO V NI 2TR



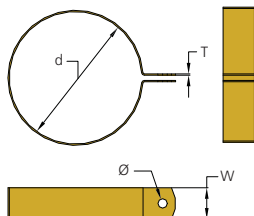
N ^o	d (mm)	W x T (mm)	Ø (mm)	P
582449	80	25x2,5	11	1
582451	90	25x2,5	11	1
582452	100	25x2,5	11	1
582453	112	25x2,5	11	1
582454	125	25x2,5	11	1
582455	140	25x2,5	11	1
582456	150	25x2,5	11	1
582457	160	25x2,5	11	1
582458	180	25x2,5	11	1
582459	200	25x2,5	11	1
582461	224	25x2,5	11	1
582465	250	25x2,5	11	1
582501	280	25x2,5	11	1
582505	300	25x2,5	11	1
582515	315	25x2,5	11	1
582516	355	25x2,5	11	1
582545	400	25x2,5	11	1
582110	450	25x2,5	11	1
582115	500	25x2,5	11	1
582120	550	25x2,5	11	1
582125	560	25x2,5	11	1
582130	600	25x2,5	11	1
582135	630	25x2,5	11	1
582140	710	25x2,5	11	1
582145	800	25x2,5	11	1
582155	900	25x2,5	11	1
582165	1000	25x2,5	11	1
582175	1120	25x2,5	11	1
582185	1250	25x2,5	11	1



4

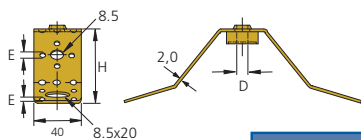
SPIRO

NEW



Nº	d (mm)	W x T (mm)	Sc x L	P
578750	80	30x1,5	9	1
578755	100	30x1,5	9	1
578760	125	30x1,5	9	1
578765	160	30x1,5	9	1
578770	200	30x1,5	9	1
578775	250	30x1,5	9	1
578780	315	30x1,5	9	1
578785	400	30x2,0	9	1
578790	500	30x2,0	9	1

EQV/EQVS

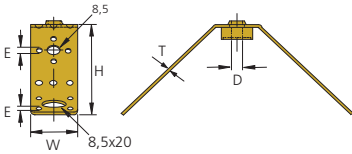


Nº		H (mm)	D (mm)	E (mm)	P
597590	EQV	60	10	4.2	1
597770	EQVS	60	8.4	4.2	1



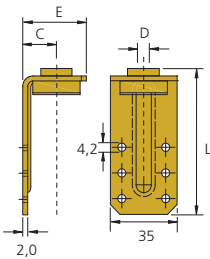


TBH/TBHS



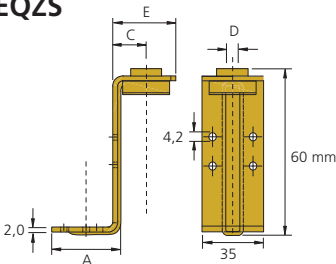
Nº		H (mm)	B (mm)	D (mm)	E (mm)	W x T (mm)	P
597580	TBH	60	40	10	4,2	40x2,0	1
597575	TBHS	60	40	8,4	4,2	40x2,0	1

EQLS



Nº	L (mm)	C (mm)	D (mm)	E (mm)	P
597791	50	20	8.4	40	1
597780	85	20	8.4	40	1
597792	130	20	8.4	40	1

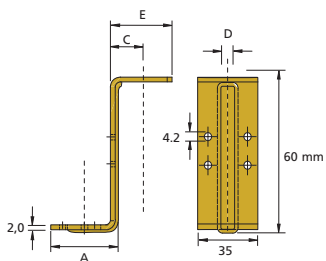
EQZS



Nº	L (mm)	C (mm)	D (mm)	E (mm)	P
597790	20	8.4	40	30	1

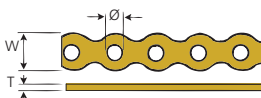


EQ-ZAB



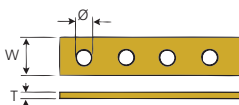
N°	C (mm)	D (mm)	E (mm)	A (mm)	P
597790	20	11	40	30	1

ABP



N°	A x S	Ø (mm)	L (m)	P
583920	12x0,8	5	10	3
583930	17x0,8	7	10	3
583940	26x1,0	8	10	3

SBP

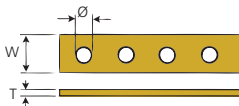


N°	WxT	Ø (mm)	L (m)	P
400429	17x1,0	6,5	10	1
401131	25x1,0	8,5	10	1





SBP-C

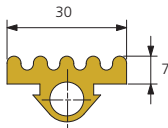


Nº	WxT	Ø (mm)	L (m)	P
400430	19x3,0	6,5	10	11
401132	27x3,0	8,5	10	11



-50°/+110°

5195

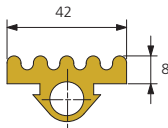


Nº	L (m)	P
335990	30	EPDM



-50°/+110°

6195



Nº	L (m)	P
335980	30	EPDM



-50°/+110°





CADDY® SPEED LINK

74



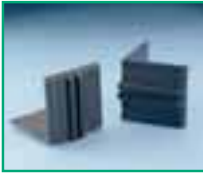
CADDY® SPEED LINK LD

75



SLWC

75



SLADCP

75



SLADS

76



SLESM

76



SLESH

76



SLWPT

77



SL1214/SL1216

77



5 CADDY® SPEED LINK

CADDY® SPEED LINK



2 mm CADDY SPEED LINK

N°	Ø (mm)	L (mm)	P	
195800	2	1	1	450
195805	2	2	1	450
195810	2	3	1	450
195815	2	5	1	450
195820	2	10	1	450

3 mm CADDY SPEED LINK

N°	Ø (mm)	L (mm)	P	
195825	3	1	1	900
195830	3	2	1	900
195835	3	3	1	900
195840	3	5	1	900
195845	3	10	1	900





CADDY® SPEED LINK LD



1.5 mm CADDY SPEED LINK

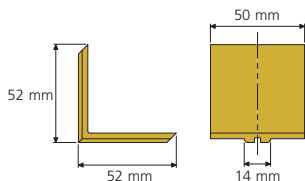
N°	Ø (mm)	L (mm)	P	
195950	1.5	1	1	200
195920	1.5	2	1	200
195955	1.5	3	1	200
195925	1.5	5	1	200
195930	1.5	10	1	200

SLWC

N°	P
195853	-



SLADCP



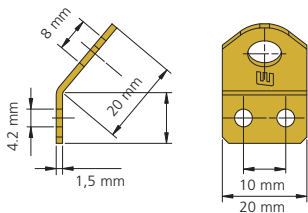
N°	P
195851	11





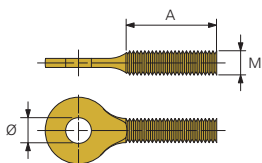
5 CADDY® SPEED LINK

SLADS



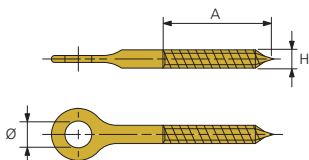
N°	P
195852	1

SLESM



N°	M x L	Ø (mm)	A (mm)	P
195854	M6xL30	7.0	20	1
195856	M8xL40	8.5	25	1

SLESH



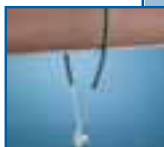
N°	H x L	Ø (mm)	A (mm)	P
195858	H6xL60	8.75	32	1





SLWPT

N°	P
195859	EPDM



SL1214/SL1216

N°	Ø (mm)	P
195860	14	P21
195861	18	P21







NEW



CADDY® PYRAMID 25

80

NEW



CADDY® PYRAMID 50

81

NEW



CADDY® PYRAMID 150

82-83

NEW



CADDY® PYRAMID 300

82-83

NEW



CADDY® PYRAMID 600

82-83



P11/RPSCEG

84



6 CADDY® PYRAMID

CADDY® PYRAMID 25



N°	Fig.		W (mm)	L (mm)	H (mm)	
182450	1	PPRPS25H4, H- 92 mm	144	119	112	110
182460	2	PPRPS25H6, H- 143 mm	144	119	163	110

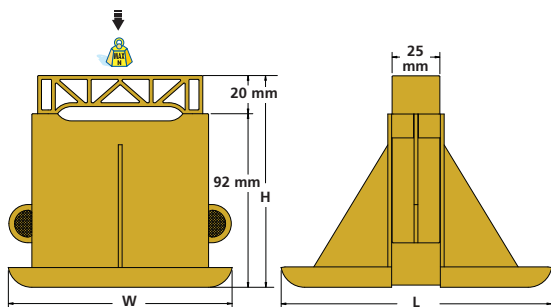


Fig. 1

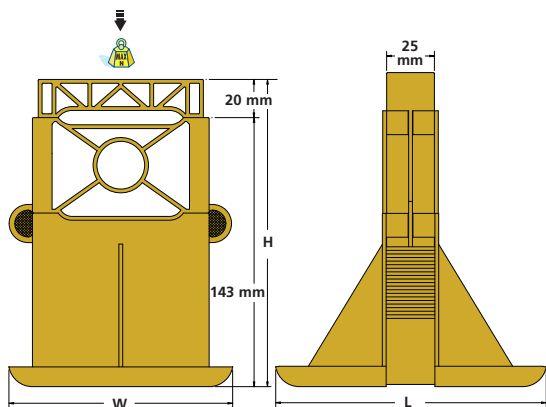


Fig. 2

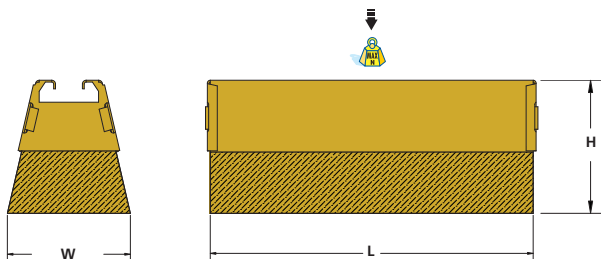




CADDY® PYRAMID 50



Nº		L (mm)	W (mm)	H (mm)	P	
182470	RPS50H4EG	264	101	101	1	220
182480	RPS50H6EG	264	127	152	1	220
182500	RPS50H4HD	264	101	101	3	220
182510	RPS50H6HD	264	127	152	3	220
182515	RPS50H4MCP	264	101	101	22	220
182520	RPS50H6MCP	264	127	152	22	220





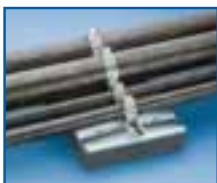
6 CADDY® PYRAMID

CADDY® PYRAMID 150
 CADDY® PYRAMID 300
 CADDY® PYRAMID 600



N ^o	Fig.		L (mm)	W (mm)	H (mm)	P		
182680	6	RPS150T7	406	305	81	1	N	665
182690	7	RPS150T8	406	305	100	1	Y	665
182700	6	RPS300T7	406	305	81	1	N	1325
182710	7	RPS300T8	406	305	100	1	Y	1325
182720	8	RPS600T8	812	305	100	1	Y	2650

N ^o	Fig.		L (mm)	W (mm)	H (mm)	P		
182580	6	RPS150T3	406	305	81	22	N	665
182590	7	RPS150T4	406	305	100	22	Y	665
182620	6	RPS300T3	406	305	81	22	N	1325
182630	7	RPS300T4	406	305	100	22	Y	1325
182650	8	RPS600T4	812	305	100	22	Y	2650



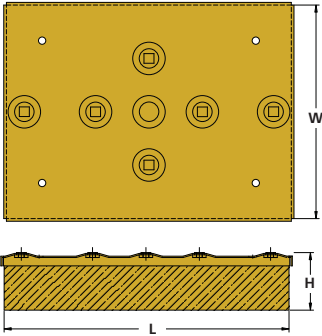


Fig. 6

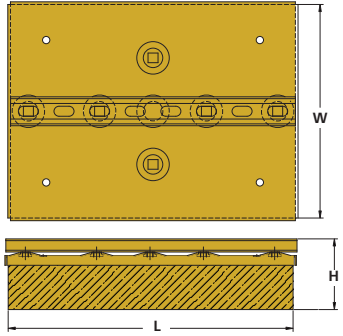


Fig. 7

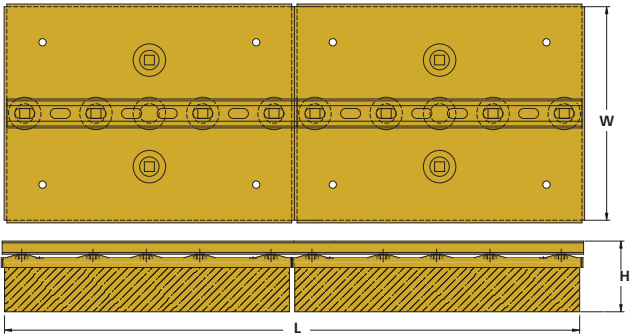


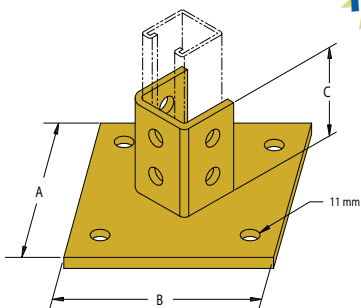
Fig. 8



6 CADDY® PYRAMID

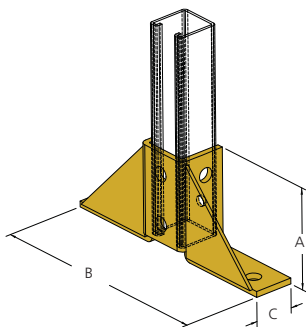
P11

NEW



Nº		A (mm)	B (mm)	C (mm)	P
182660	P11A0000EG	152	152	89	1
182670	P11A0000MCP	152	152	89	22

RPSCEG



Nº		A (mm)	B (mm)	C (mm)	P
313837	RPSCSEG	98	232.5	39	1
313834	RPSCSHD	98	232.5	39	3





NEW



TSGB16/TSGB24

86



TSGBHD

86



TPC 112/TPC 238

87



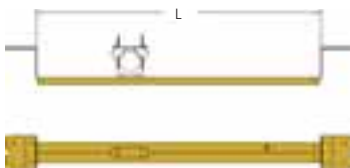
SMS8

87



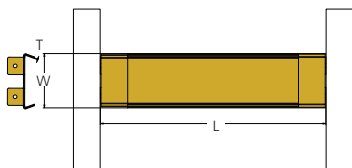
7

TSGB16/TSGB24



N°		L (")	L (mm)	P
187190	TSGB16	11-18	280-458	1
187191	TSGB24	17-26	432-660	1

TSGBHD



N°		L (mm)	W (mm)	T (mm)	P
187189	TSGBHD	330-600	92	1	1

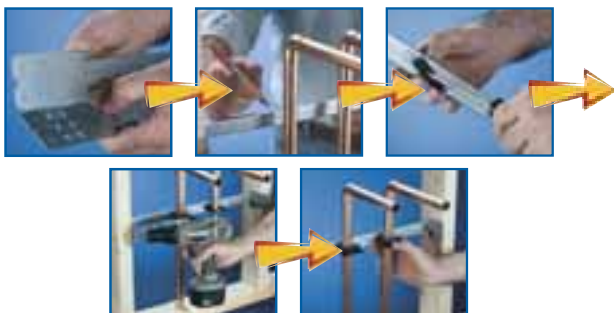




TPC 112/TPC 238



N°		D (")	D (mm)	P
187192	TPC 112	3/8 - 1-1/8	9-28	5
187193	TPC 238	5/8 - 2-3/8	16-61	5



SMS8



N°	MxL	P
187197	M8x12	1





NEW



CADDY® SUPERKLIP

90

NEW



CADDY® SUPERKLIP IN

90

NEW



CADDY® SUPERKLIP CA

90



CADDY® SUPERKLIP BP

91



RING PCP /1

91



RING PCP /2

92



RING FRF /1

92



RING FRF /2

93



RING FRF /4

93

NEW



TSM

94



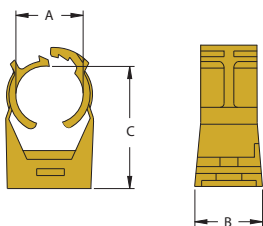
TSMI


94



8

CADDY® SUPERKLIP

**NEW**

N°	A (mm)	B (mm)	C (mm)	
389017	7.8 - 9.5	17.1	26.4	165
389018	9.5 - 11.8	17.1	26.4	180
389001	11.8 - 14.3	17.2	29.9	200
389002	14.3 - 16.8	19.5	32	220
389003	16.8 - 19.5	20.0	35.4	235
389004	19.5 - 21.8	20.0	39.4	250
389005	21.8 - 24.8	20.0	42	270
389006	24.8 - 27.8	20.2	45.1	300
389007	27.8 - 31.2	20.2	48.9	320
389008	31.2 - 35.5	21.0	54.4	370
389009	35.5 - 39.5	21.0	59.4	400
389011	39.5 - 43.5	21.0	64.2	440
389012	46.5 - 50.5	22.0	72.8	470
389013	50.5 - 55.5	23.0	78.7	500
389014	58.5 - 64	23.2	88.2	540

CADDY® SUPERKLIP IN

NEW

N°	M (mm)	P
389051	M6	1
389052	M8	1

CADDY® SUPERKLIP CA

NEW

N°	Ø (mm)	P
389071	5	1





CADDY® SUPERKLIP BP

NEW

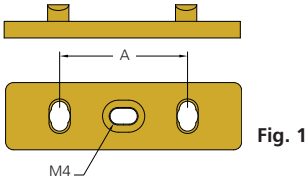


Fig. 1

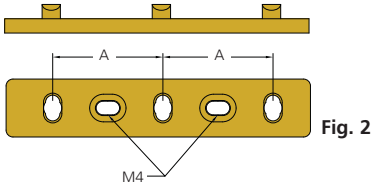
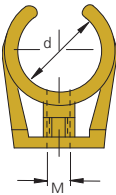


Fig. 2

N°	Fig.	A (mm)
389015	1	40
389016	2	40



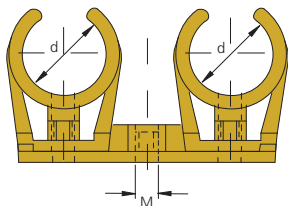
RING PCP /1



N°	d (mm)	M	P
401097	6	6	10
401098	8	6	10
401099	10	6	10
401100	12	6	10
401101	14-15	6	10
401102	16-18	6	10
401103	20-22	6	10
401104	24	6	10
401105	28	6	10
401106	35	6	10

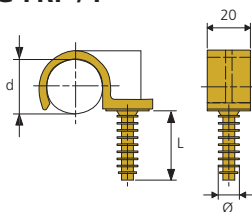


RING PCP /2



Nº	d (mm)	M	P
401107	6	6	10
401108	8	6	10
401109	10	6	10
401110	12	6	10
401111	14-15	6	10
401112	16-18	6	10
401113	20-22	6	10

RING FRF /1

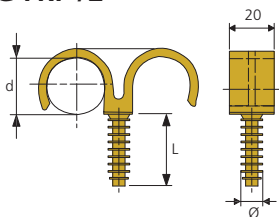



Nº	d (mm)	L (mm)	Ø (mm)	P	(mm)
571130	14	30	9.8	10	8
571140	16	30	9.8	10	8
571150	18	30	9.8	10	8
571160	20	30	9.8	10	8
571170	22	30	9.8	10	8
571180	25	30	9.8	10	8
571190	28	30	9.8	10	8
571131	14	30	7.8	10	6
571141	16	30	7.8	10	6
571151	18	30	7.8	10	6
571161	20	30	7.8	10	6
571171	22	30	7.8	10	6
571181	25	30	7.8	10	6
571191	28	30	7.8	10	6



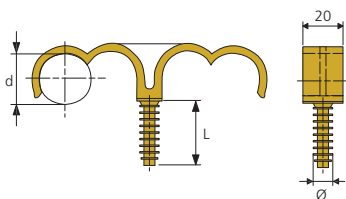



RING FRF / 2



N°	d (mm)	L (mm)	Ø (mm)	P	 (mm)
571200	16	30	9.8	10	8
571210	18	30	9.8	10	8
571220	20	30	9.8	10	8
571230	22	30	9.8	10	8
571240	25	30	9.8	10	8
571250	28	30	9.8	10	8
571201	16	30	7.8	10	6
571211	18	30	7.8	10	6
571221	20	30	7.8	10	6
571231	22	30	7.8	10	6
571241	25	30	7.8	10	6
571251	28	30	7.8	10	6

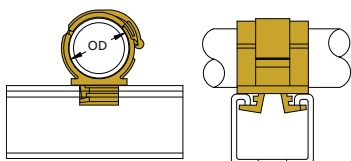
RING FRF / 4



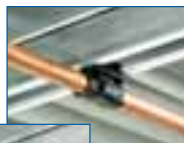
N°	d (mm)	L (mm)	Ø (mm)	P	 (mm)
571260	20	30	9.8	10	8
571265	25	30	9.8	10	8



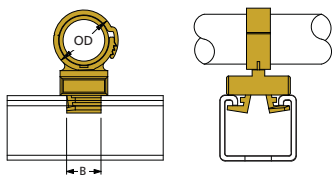
TSM

NEW

N°		OD (mm)	P
389046	TSM0037	10	12
389047	TSM0050	12	12
389048	TSM0062	16	12
389049	TSM0075	20	12
389053	TSM0087	22	12
389054	TSM0112	28	12
389055	TSM0137	35	12
389056	TSM0162	41	12



TSMI

NEW

N°		OD (mm)	P
389057	TSMI0062	15	12
389058	TSMI0075	20	12
389059	TSMI0087	22	12
389061	TSMI0100	25	12
389062	TSMI0112	28	12
389063	TSMI0125	32	12
389064	TSMI0137	35	12
389065	TSMI0150	40	12
389066	TSMI0162	42	12
389067	TSMI0200	50	12
389068	TSMI0212	54	12



**EHS**

96

**KIT U180 GAS**

96

**KIT U SILENT**

97

**KIT U**

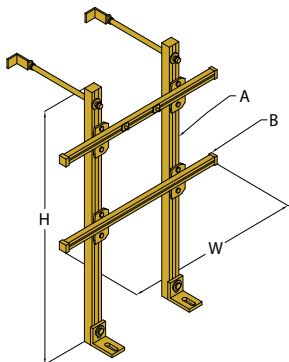
97



9

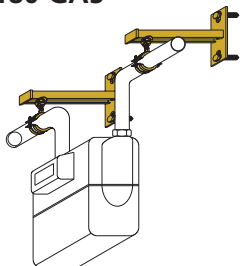
EHS

NEW



N°	H (mm)	W (mm)	A (mm)	B (mm)	P
172506	1700	490	30x30x2	30x15x2	1
172505	1700	650	30x30x2	30x15x2	1
172507	1700	900	30x30x2	30x15x2	1

KIT U180 GAS



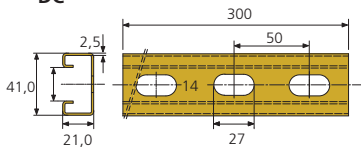
N°	P
400566	1





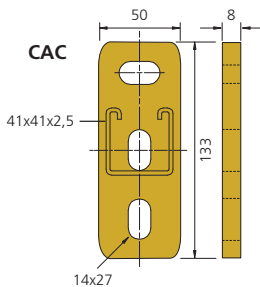
KIT U SILENT

DC



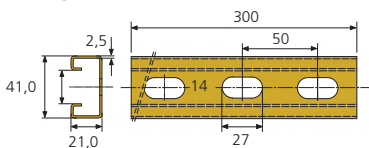
N ^o	L (mm)	P	
589980	450	3	1000
589990	600	3	730

CAC

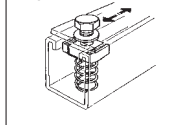


KIT U

DC

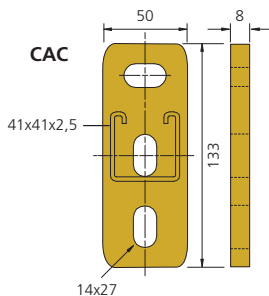


M10



N ^o	L (mm)	P	
590000	450	3	1000
590010	600	3	730

CAC





**EOL 27/18**

102

**EO 27/30**

102

**E1 30/15**

103

**E2L 34/20**

103

**E2 34/20**

104

**E3 35/35**

104

**E4 38/40**

105

**C-EOL 27/18**

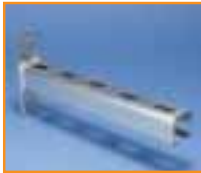
105

**C-EO 27/30**

106

**C-E2 34/20**

107

**C-E3 35/35**

108

**C-E4 38/40**

109

**C-E4 SB**

110

**C-E4 SC**

110

**EB25**

111



EB35

111



C-FIX

112



C-FIX ST

112



C-FIX SW

112



ECN UNI

113



ECN E0L/E0

113



ECN E2L/E2/E3

113



ECN E4

114



KP

114



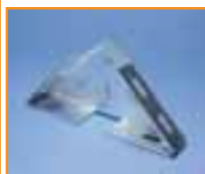
PL/PLN

115



MP E4

115



MT E4

115



RAC E3

116



RAC E0/E4

116



APX

117





APY

117



SH-SG

118



SH-LG

118



BF E0/E3

119



BF E4

119



ADK

120



PR

120



UC

121



CUC

121



CUCS

122

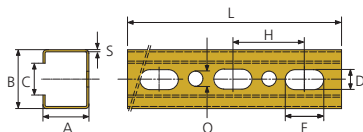
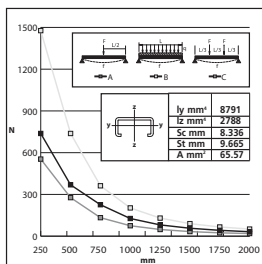
NEW

NEW

NEW



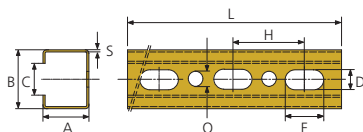
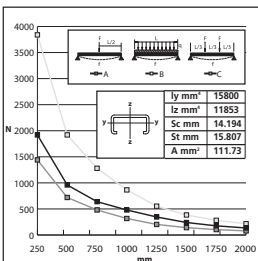
EOL 27/18



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

N ^o	L (m)	BxAxS (mm)	C (mm)	O (mm)	DxE (mm)	H (mm)	P
599996	2	27x18x1,25	15,5	10,5	8,5x20	30	1

EO 27/30



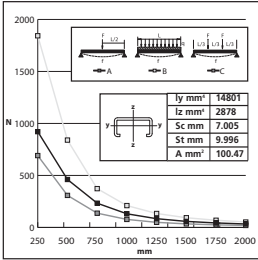
$\sigma_{\text{adm}} = 160 \text{ N/mm}^2$
 $f_{\text{red}} = l/200$

N ^o	L (m)	BxAxS (mm)	C (mm)	O (mm)	DxE (mm)	H (mm)	P
599997	2	27x30x1,5	15,5	10,5	8,5x20	30	1

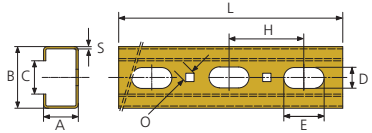




E1 30/15

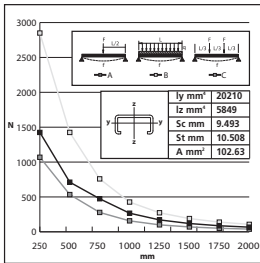


$\sigma_{\text{zul}} = 160 \text{ N/mm}^2$
 $f_{\text{zul}} = l/200$

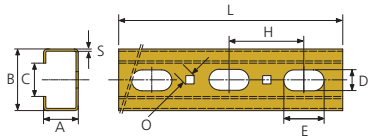


N ^o	L (m)	BxAxS (mm)	C (mm)	O (mm)	DxE (mm)	H (mm)	P
585500	2	30x15x2	15,5	5	11x27	50	1
585505	2	30x15x1,8	15,5	5	11x27	50	1

E2L 34/20



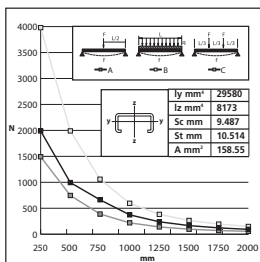
$\sigma_{\text{zul}} = 160 \text{ N/mm}^2$
 $f_{\text{zul}} = l/200$



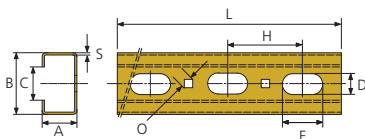
N ^o	L (m)	BxAxS (mm)	C (mm)	O (mm)	DxE (mm)	H (mm)	P
585480	2	34x20x1,5	15,5	5	11x27	50	1



E2 34/20

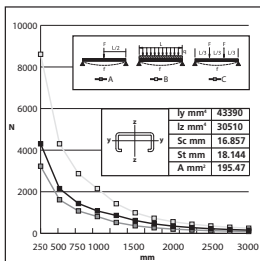


$\sigma_{\text{adm}} = 160 \text{ N/mm}^2$
 $f_{\text{rel}} = l/200$

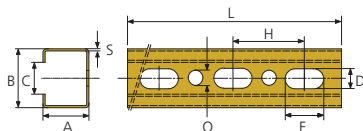


N ^o	L (m)	BxAxS (mm)	C (mm)	O (mm)	DxE (mm)	H (mm)	P
585470	2	34x20x2,4	15,5	5	11x27	50	1

E3 35/35



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

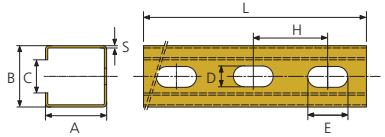
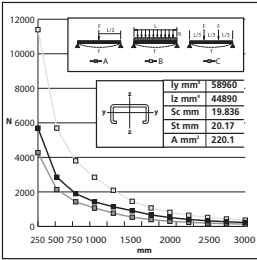


N ^o	L (m)	BxAxS (mm)	C (mm)	O (mm)	DxE (mm)	H (mm)	P
585560	2	35x35x2	15,5	5	11x27	50	1
585550	3	35x35x2	15,5	5	11x27	50	1
585540	6	35x35x2	15,5	5	11x27	50	1





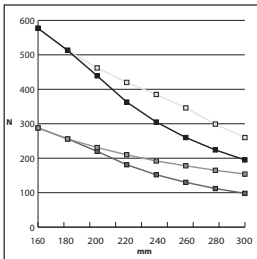
E4 38/40



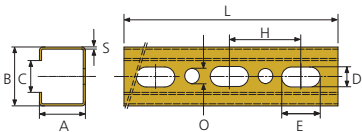
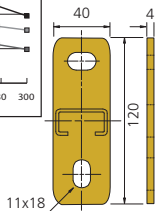
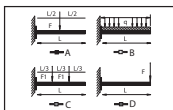
$\sigma_{zul} = 160 \text{ N/mm}^2$
 $f_{zul} = l/200$

N ^o	L (m)	BxAxS (mm)	C (mm)	DxE (mm)	H (mm)	P
599998	2	38x40x2	15,5	14x27	50	1
600000	3	38x40x2	15,5	14x27	50	1
599999	6	38x40x2	15,5	14x27	50	1

C-EOL 27/18



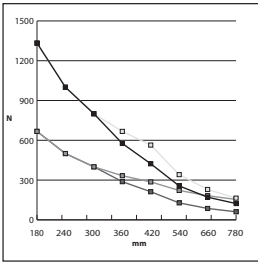
$\sigma_{zul} = 160 \text{ N/mm}^2$
 $f_{zul} = l/200$



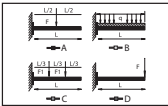
N ^o	L (m)	BxAxS (mm)	C (mm)	O (mm)	DxE (mm)	H (mm)	P
599879	180	27x18x1,25	15,5	10,5	8,5x20	30	1
599880	300	27x18x1,25	15,5	10,5	8,5x20	30	1



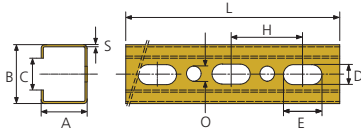
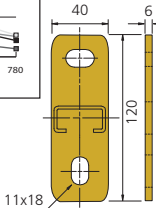
C-EO 27/30



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



$I_y \text{ mm}^4$	15800
$I_z \text{ mm}^4$	11853
$S_c \text{ mm}$	14.194
$S_t \text{ mm}$	15.807
$A \text{ mm}^2$	111.73

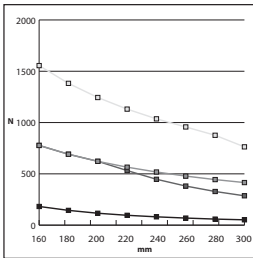


N°	L (m)	BxAxS (mm)	C (mm)	O (mm)	DxE (mm)	H (mm)	P
599885	180	27x30x1,5	15,5	10,5	8,5x20	30	1
599890	240	27x30x1,5	15,5	10,5	8,5x20	30	1
599900	300	27x30x1,5	15,5	10,5	8,5x20	30	1
599905	360	27x30x1,5	15,5	10,5	8,5x20	30	1
599910	420	27x30x1,5	15,5	10,5	8,5x20	30	1
599920	540	27x30x1,5	15,5	10,5	8,5x20	30	1
599925	660	27x30x1,5	15,5	10,5	8,5x20	30	1
599930	780	27x30x1,5	15,5	10,5	8,5x20	30	1



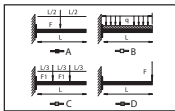


C-E2 34/20

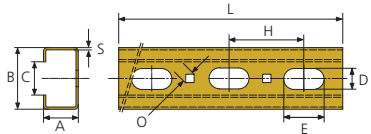
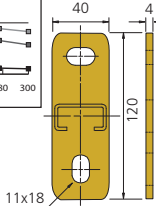


$$\delta_{\text{stat}} = 160 \text{ N/mm}^2$$

$$f_{\text{red}} = l/200$$



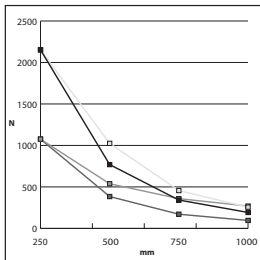
$I_y \text{ mm}^4$	29580
$I_z \text{ mm}^4$	8173
$S_c \text{ mm}$	9.487
$S_t \text{ mm}$	10.514
$A \text{ mm}^2$	158.55



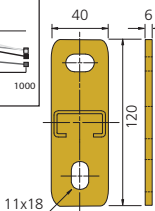
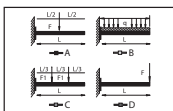
N°	L (m)	BxAxS (mm)	C (mm)	O (mm)	DxE (mm)	H (mm)	P
597500	200	34x20x2,4	15,5	5	11x27	50	1
597510	300	34x20x2,4	15,5	5	11x27	50	1



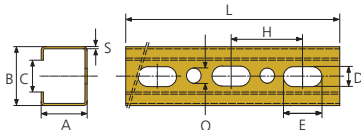
C-E3 35/35



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



$I_y \text{ mm}^4$	43390
$I_z \text{ mm}^4$	30510
$S_c \text{ mm}$	16.857
$St \text{ mm}$	18.144
$A \text{ mm}^2$	195.47

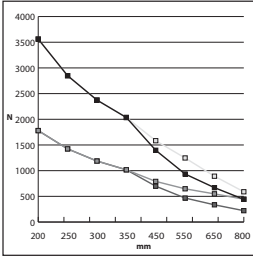


N°	L (m)	BxAxS (mm)	C (mm)	O (mm)	DxE (mm)	H (mm)	P
585860	250	35x35x2	15,5	5	11x27	50	1
585870	500	35x35x2	15,5	5	11x27	50	1
585880	750	35x35x2	15,5	5	11x27	50	1
585890	1000	35x35x2	15,5	5	11x27	50	1

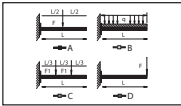




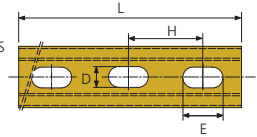
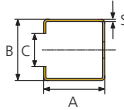
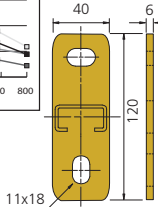
C-E4 38/40



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



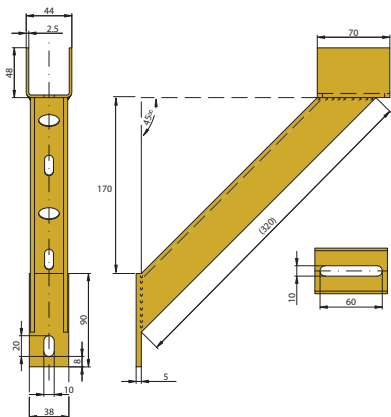
	ly mm ⁴	58960
	lz mm ⁴	44890
	Sc mm	19.836
	St mm	20.17
	A mm ²	220.1



N ^o	L (m)	BxAxS (mm)	C (mm)	DxE (mm)	H (mm)	P
599935	200	38x40x2	15,5	14x27	50	1
599940	250	38x40x2	15,5	14x27	50	1
599950	300	38x40x2	15,5	14x27	50	1
599960	350	38x40x2	15,5	14x27	50	1
599970	450	38x40x2	15,5	14x27	50	1
599980	550	38x40x2	15,5	14x27	50	1
599990	650	38x40x2	15,5	14x27	50	1
599995	800	38x40x2	15,5	14x27	50	1



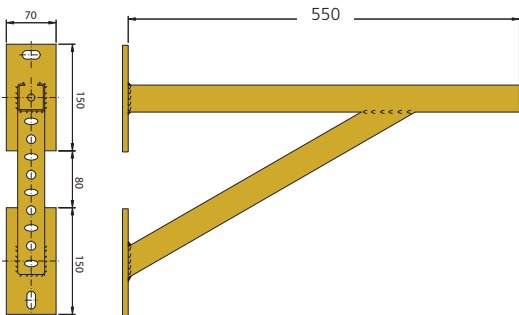
C-E4 SB



Nº	P
400046	1

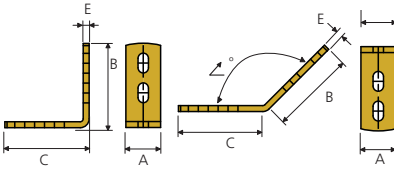
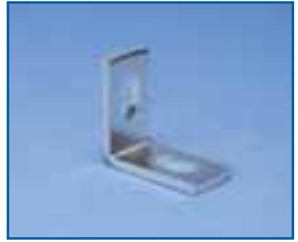
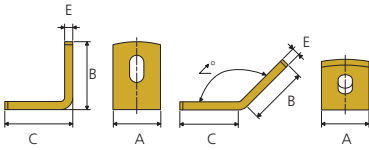
C-E4 SC

Nº	P	
400047	1	2400



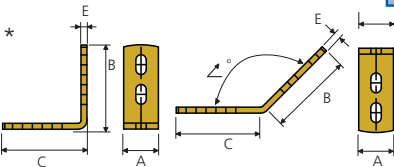
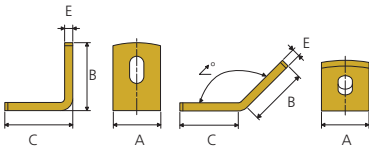


EB25



N ^o	∠°	A (mm)	B (mm)	C (mm)	E (mm)	P
584660	90°	25	45	45	5	1
584662	135°	25	45	45	5	1
584666*	90°	25	90	90	5	1
584668*	135°	25	90	90	5	1

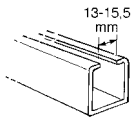
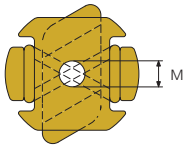
EB35



N ^o	∠°	A (mm)	B (mm)	C (mm)	E (mm)	P
587530	90°	35	50	50	6	1
587500	135°	35	50	50	6	1
587510*	90°	35	85	85	6	1
587520*	135°	35	85	85	6	1

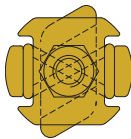
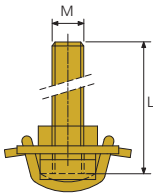


C-FIX

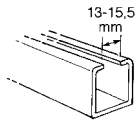


Nº	M	P	
584500	6	1	300
584510	8	1	300
584520	10	1	300

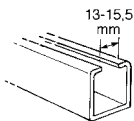
C-FIX ST



Nº	M	P	
584530	M8x30	1	300
584560	M10x40	1	300



C-FIX SW

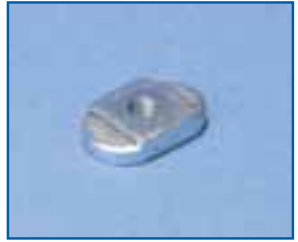
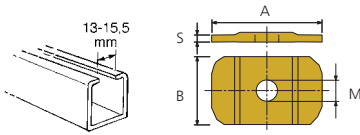


Nº	M	P
584657	8	1
584658	10	1



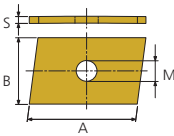


ECN UNI



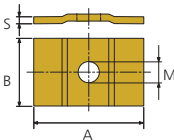
N ^o		M (mm)	A (mm)	B (mm)	S (mm)	P
585430	UNI	6	24	15	5	1
585440	UNI	8	24	15	5	1
585450	UNI	10	24	15	5	1

ECN EOL/EO



N ^o		M (mm)	A (mm)	B (mm)	S (mm)	P
315370	EOL/EO	6	23	14	4	1
315340	EOL/EO	8	23	14	4	1
315350	EOL/EO	10	23	14	4	1

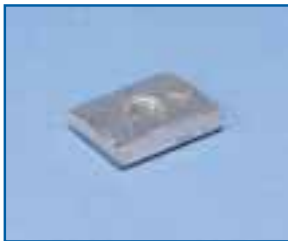
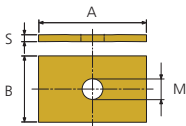
ECN E2L/E2/E3



N ^o		M (mm)	A (mm)	B (mm)	S (mm)	P
585250	E2L/E2/E3	6	29	13	5	1
585260	E2L/E2/E3	8	29	13	5	1
585270	E2L/E2/E3	10	29	13	5	1

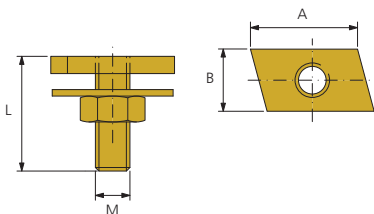


ECN E4



Nº		M (mm)	A (mm)	B (mm)	S (mm)	P
315330	E4	8	30	23	6	1
315360	E4	10	30	23	6	1

KP

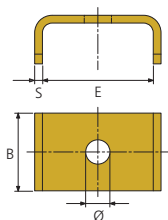


Nº		Ø MxL	AxB (mm)	P
590076	EOL/E0/E1	8x30	23x13	1
590077	EOL/E0/E1	8x40	23x13	1
590087	EOL/E0/E1	10x30	23x13	1
585050	E2L/E2/E3	8x30	29x13	1
585000	E2L/E2/E3	8x40	29x13	1
585020	E2L/E2/E3	10x30	29x13	1
590200	E4	8x35	30x23	1
590210	E4	8x40	30x23	1
590207	E4	10x35	30x23	1



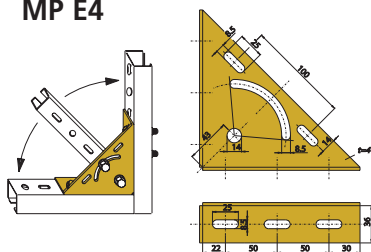


PL/PLN



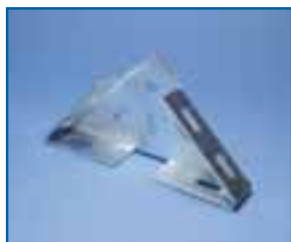
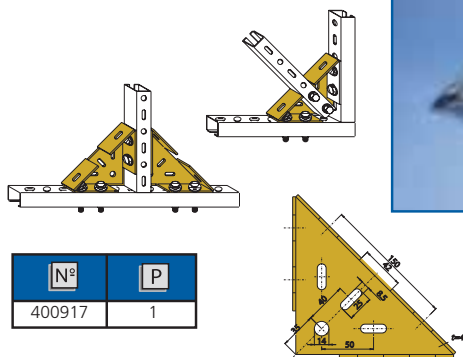
N ^o		Ø (mm)	B (mm)	S (mm)	E (mm)	P
588290	UNI	10,5	23	2	40	1
588240	E0L/E0	8,5	30	2	28	1
588250	E0L/E0	10,5	30	2	28	1
588260	E2L/E1	8,5	30	2	31	1
588270	E2L/E1	10,5	30	2	31	1
588280	E2/E3/E4	8,5	30	2	39	1
588285	E2/E3/E4	10,5	30	2	39	1

MP E4



N ^o	P
400916	1

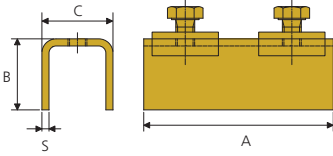
MT E4



N ^o	P
400917	1

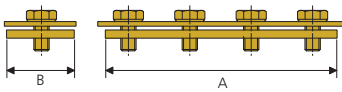


RAC E3



N ^o		A (mm)	BxC (mm)	S (mm)	P
585780	E3	80	30x30	3	1

RAC E0/E4

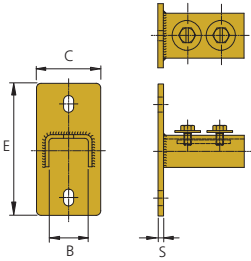


N ^o		A (mm)	B (mm)	P
588720	E0-E2	115	23	1
588725	E4	155	30	1



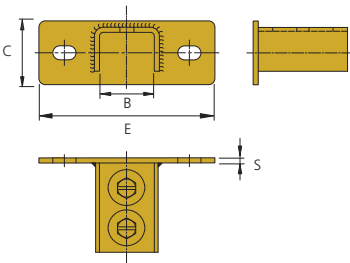


APX



Nº		B (mm)	C (mm)	E (mm)	S (mm)	P
584715	E0L/E0/E1	31	50	114	5	1
584710	E2L/E2/E3	36	50	114	5	1
584725	E4	43	70	144	5	1

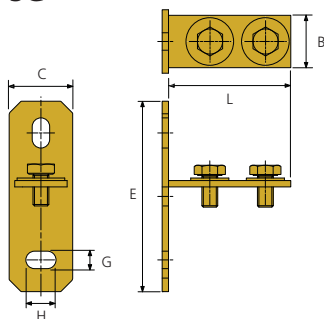
APY




Nº		B (mm)	C (mm)	E (mm)	S (mm)	P
584758	E0L/E0/E1	31	40	124	5	1
584740	E2L/E2/E3	36	40	124	5	1
584751	E4	43	50	144	5	1

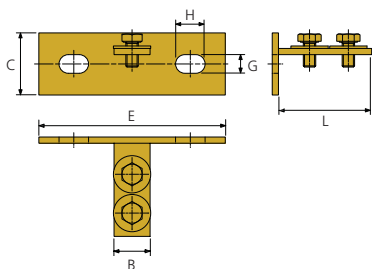



SH-SG



N°		C (mm)	E (mm)	GxH (mm)	LxB (mm)	P
584670	E0L-E3	40	120	11x19	55x24	1
584671	E4	40	120	11x19	80x33	1

SH-LG

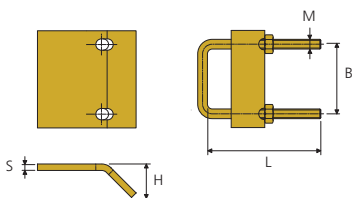


N°		C (mm)	E (mm)	GxH (mm)	LxB (mm)	P
584672	E0L-E3	40	120	11x19	55x24	1
584673	E4	40	120	11x19	80x33	1



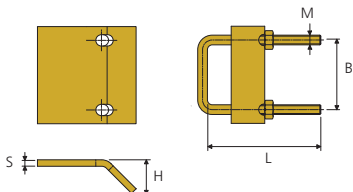


BF E0-E3



N°		B (mm)	L (mm)	HxS (mm)	M	P
585120	E0-E3	43	70	20x4	6	1

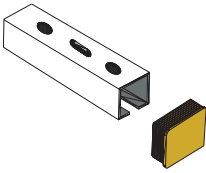
BF E4



N°		B (mm)	L (mm)	HxS (mm)	M	P
585110	E4	48	100	24x6	8	1

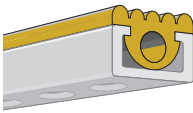


ADK



N°		P
313301	E0L	11
313302	E0	11
585380	E1	11
313304	E2	11
585400	E3	11
313303	E4	11

PR



N°		L (m)	P
400914	E0-E1	30	EPDM
400915	E4	30	EPDM

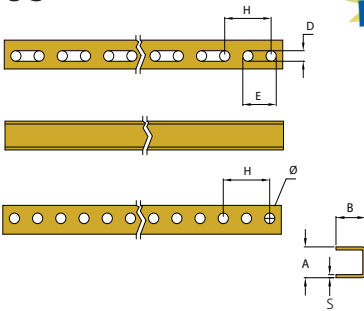
DIN EN
13501-
1-E

-50°/+110°



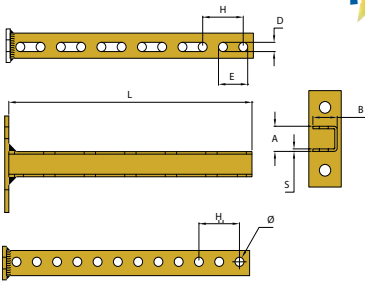


UC



N ^o	L (mm)	AxBxS (mm)	Ø (mm)	DxE (mm)	H (mm)	P
312200	2000	30x30x2	11	11x36	50	1
312230	2000	30x30x3	11	11x36	50	1
312220	2000	30x30x3	11	11x36	50	3

CUC



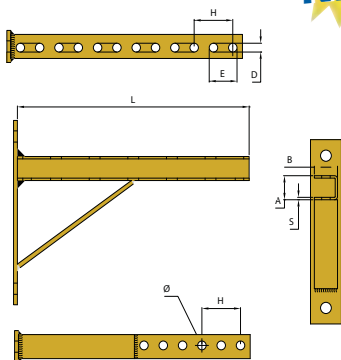
N ^o	L (mm)	AxBxS (mm)	Ø (mm)	DxE (mm)	H (mm)	P
312040	150	30x30x3	11	11x36	50	3
312060	200	30x30x3	11	11x36	50	3
312020	250	30x30x3	11	11x36	50	3
312030	300	30x30x3	11	11x36	50	3
312050	400	30x30x3	11	11x36	50	3
312070	500	30x30x3	11	11x36	50	3
312080	600	30x30x3	11	11x36	50	3



10

CUCS

NEW



N ^o	L (mm)	AxBxS (mm)	\varnothing (mm)	DxE (mm)	H (mm)	P
312110	250	30x30x3	11	11x36	50	3
312120	300	30x30x3	11	11x36	50	3
312140	400	30x30x3	11	11x36	50	3
312160	500	30x30x3	11	11x36	50	3
312170	600	30x30x3	11	11x36	50	3
312180	800	30x30x3	11	11x36	50	3
312190	1000	30x30x3	11	11x36	50	3
312195	1300	30x30x3	11	11x36	50	3





LDC 21 x 41 x 1,5 mm

130

NEW



MDC 21 x 41 x 2,0 mm

130



DC 21 x 41 x 2,5 mm

131



DDC 2 x (21 x 41 x 2,5 mm)

131



LAC 41 x 41 x 1,5 mm

132

NEW



MAC 41 x 41 x 2,0 mm

132

NEW



AS 41 x 41 x 2,5 mm

133



AC 41 x 41 x 2,5 mm

133



AAC 2 x (41 x 41 x 2,5 mm)

134



MC 62 x 41 x 2,5 mm

134



MMC 2 x (62 x 41 x 2,5 mm)

135



KC 83 x 41 x 2,5 mm

135



KKC 83 x 41 x 2,5 mm

136



CLDC 21 x 41 x 1,5 mm

136



CDC 21 x 41 x 2,5 mm

137



CDDC 2 X (21 x 41 x 2,5 mm)

138



CAC 41 x 41 x 2,5 mm

139



CAAC 2 x (41 x 41 x 2,5 mm)

140

NEW



SCT

141

NEW



CTRI 1,5 mm

142



APX 21 / 41 M10

142



APY 21 / 41 M10

142



SNA

143



ZWA 223-225

143

NEW



CADDY® CUSHION CLAMP

144

NEW



OD

145



ISO

146



CEC

146



CADDY® SLICK NUT

147



CADDY® SLICK ST

148





UM

148



UD

149



UA

149



UT

150



STS

150



THM

151



MU

151



TMN

151



PLN

152



ZEA100

152



ZEA101

152



ZE102 / ZEA102

152



ZEA103

153



ZE104 / ZEA104

153



ZEA105

153

11 ERISTRUT 41 MM



ZEA106

153



ZE107 / ZEA107

154



ZE108 / ZEA108

154



ZEA109

154



ZEA110

154



ZU400 / ZUA400

155



ZUA401

155



ZUA402

155



ZUA403

155



ZWA214

156



ZWA215

156



ZWA216

156



ZWA217

156



ZSA300

157



ZSA301

157



ZSA302

157



ZSA303

157



ZGA500

158



ZGA501

158



ZGA502

158



ZGA503 / ZGA504

158



ZGA505

159



ZGA506

159



ZGA507

159



ZGA508

159



ZGA509

160



ZGA510

160



ZZA700

160



ZZA701

160



ZZ702 / ZZA702

161



ZZA705

161



ZZA706

161



ZTA601 21-41 / ZTA602 62-83

161



ZTA603 124 / ZTA604 164

162



ZT605

162



ZT606

162



ZT607

162



ZZ704

163



ZUA404 / ZUA405

163



ZUA406 / ZUA407

163



ZUA408

164



MFA-SM25

164



ZWA218 45°

164



ZW / ZWA219 45°
















164



ZW220 / ZWA220

165

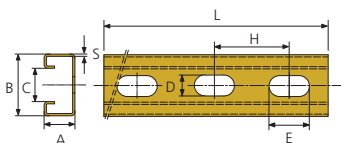
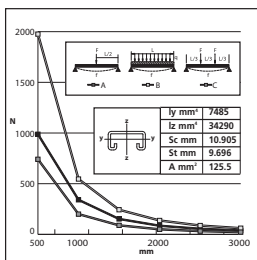


		
ZWA200 / ZWA200	ZWA201 / ZWA201	ZWA202 / ZWA202
165	165	166
		
ZWA203	ZWA204	ZWA205 / ZWA205
166	166	166
		
ZWA206	ZWA207	ZWA207 / ZWA207L
167	167	167
		
ZWA209	ZWA212	ZWA213
167	168	168
		
ZZ	ADK421	DLP / DLM
168	169	169



11 ERISTRUT 41 MM

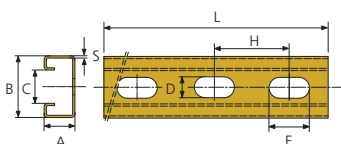
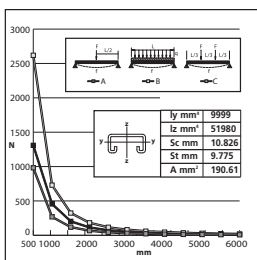
LDC 21x41x1,5 mm



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

N°	L (m)	AxBxS (mm)	C (mm)	DxE (mm)	H (mm)	P
317116	2	21x41x1,5	22,3	11x27	50	1
317119	3	21x41x1,5	22,3	11x27	50	1
317131	6	21x41x1,5	22,3	11x27	50	1

MDC 21x41x2,0 mm



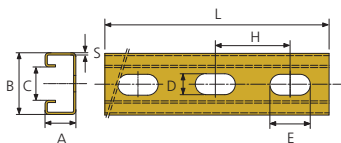
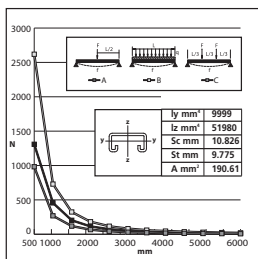
$\sigma_{ad} = 160 \text{ N/mm}^2$
 $f_{ad} = l/200$

N°	L (m)	AxBxS (mm)	C (mm)	DxE (mm)	H (mm)	P
310256	2	21x41x2,0	22,3	14x27	50	1
310257	3	21x41x2,0	22,3	14x27	50	1





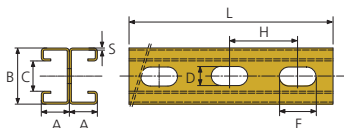
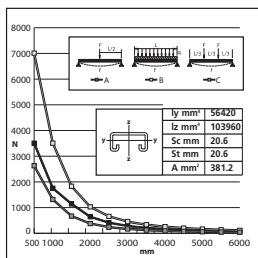
DC 21x41x2,5 mm



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

N°	L (m)	AxBxS (mm)	C (mm)	DxE (mm)	H (mm)	P
387365	2	21x41x2,5	22,3	14x27	50	1
310241	3	21x41x2,5	22,3	14x27	50	1
310255	6	21x41x2,5	22,3	14x27	50	1
310281	3	21x41x2,5	22,3	14x27	50	3
310291	6	21x41x2,5	22,3	14x27	50	3

DDC 2 x (21x41x2,5 mm)



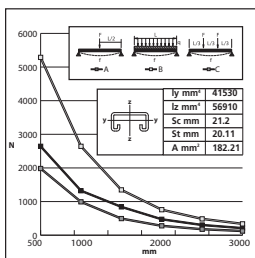
$\sigma_{adm} = 160 \text{ N/mm}^2$
 $f_{crit} = l/200$

N°	L (m)	AxBxS (mm)	C (mm)	DxE (mm)	H (mm)	P
310061	3	21x41x2,5	22,3	14x27	50	1
310071	6	21x41x2,5	22,3	14x27	50	1
310101	3	21x41x2,5	22,3	14x27	50	3
310111	6	21x41x2,5	22,3	14x27	50	3

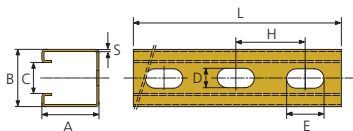


11 ERISTRUT 41 MM

LAC 41x41x1,5 mm

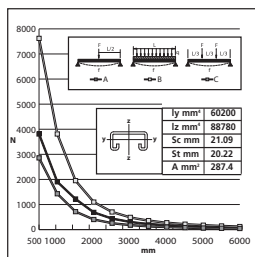


$\sigma_{adm} = 160 \text{ N/mm}^2$
 $f_{red} = l/200$

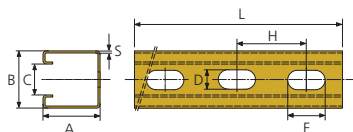


N°	L (m)	AxBxS (mm)	C (mm)	DxE (mm)	H (mm)	P
317096	2	41x41x1,5	22,3	11x27	50	1
317099	3	41x41x1,5	22,3	11x27	50	1
317111	6	41x41x1,5	22,3	11x27	50	1
317241	3	41x41x1,5	22,3	11x27	50	3
317251	6	41x41x1,5	22,3	11x27	50	3

MAC 41x41x2,0 mm



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



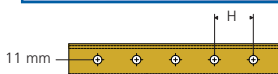
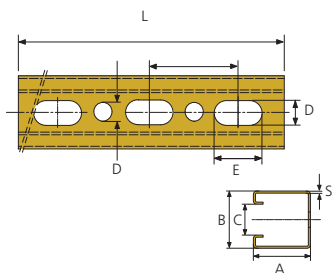
N°	L (m)	AxBxS (mm)	C (mm)	DxE (mm)	H (mm)	P
310293	2	41x41x2,0	22,3	14x27	50	1
310303	3	41x41x2,0	22,3	14x27	50	1
310313	6	41x41x2,0	22,3	14x27	50	1





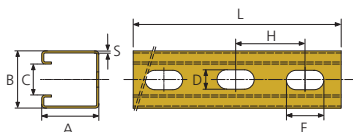
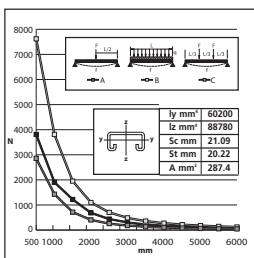
AS 41x41x2,5 mm

NEW



Nº	L (m)	AxBxS (mm)	C (mm)	DxE (mm)	H (mm)	P
310360	3	41x41x2,5	22,3	11x27	50	1
310370	6	41x41x2,5	22,3	11x27	50	1
310400	3	41x41x2,5	22,3	11x27	50	3
310410	6	41x41x2,5	22,3	11x27	50	3

AC 41x41x2,5 mm



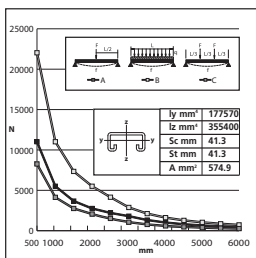
$E_{red} = 160 \text{ N/mm}^2$
 $f_{red} = l/200$

Nº	L (m)	AxBxS (mm)	C (mm)	DxE (mm)	H (mm)	P
385505	2	41x41x2,5	22,3	14x27	50	1
310299	3	41x41x2,5	22,3	14x27	50	1
310311	6	41x41x2,5	22,3	14x27	50	1
310339	3	41x41x2,5	22,3	14x27	50	3
310358	6	41x41x2,5	22,3	14x27	50	3

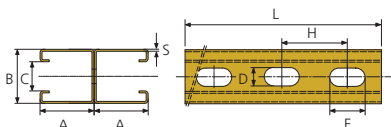


11 ERISTRUT 41 MM

AAC 2 x (41x41x2,5 mm)

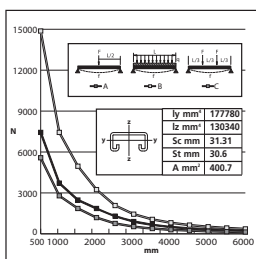


$\sigma_{adm} = 160 \text{ N/mm}^2$
 $f_{red} = l/200$

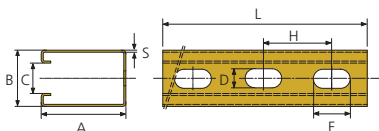


N°	L (m)	AxBxS (mm)	C (mm)	DxE (mm)	H (mm)	P
310181	3	41x41x2,5	22,3	14x27	50	1
310191	6	41x41x2,5	22,3	14x27	50	1
310221	3	41x41x2,5	22,3	14x27	50	3
310231	6	41x41x2,5	22,3	14x27	50	3

MC 62x41x2,5 mm



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

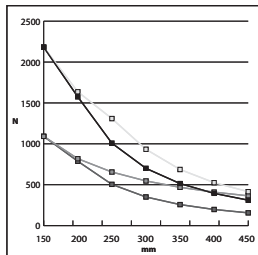


N°	L (m)	AxBxS (mm)	C (mm)	DxE (mm)	H (mm)	P
310630	3	62x41x2,5	22,3	14x27	50	1
310635	6	62x41x2,5	22,3	14x27	50	1
310640	3	62x41x2,5	22,3	14x27	50	3
310645	6	62x41x2,5	22,3	14x27	50	3





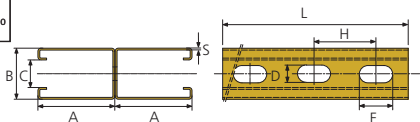
MMC 2 x (62x41x2,5 mm)



$\bar{\sigma}_{\text{adm}} = 160 \text{ N/mm}^2$
 $f_{\text{red}} = l/200$

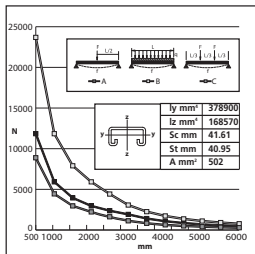


$\bar{\sigma}_{\text{adm}} = 160 \text{ N/mm}^2$
 $f_{\text{red}} = l/200$

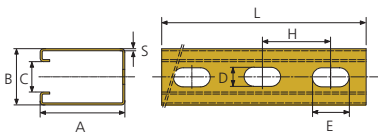


N°	L (m)	AxBxS (mm)	C (mm)	DxE (mm)	H (mm)	P
310650	6	62x41x2,5	22,3	14x27	50	1
310655	6	62x41x2,5	22,3	14x27	50	3

KC 83x41x2,5 mm



$\bar{\sigma}_{\text{adm}} = 160 \text{ N/mm}^2$
 $f_{\text{red}} = l/200$

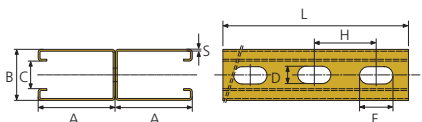
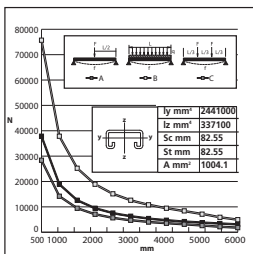


N°	L (m)	AxBxS (mm)	C (mm)	DxE (mm)	H (mm)	P
310600	3	83x41x2,5	22,3	14x27	50	1
310605	6	83x41x2,5	22,3	14x27	50	1
310610	3	83x41x2,5	22,3	14x27	50	3
310615	6	83x41x2,5	22,3	14x27	50	3



11 ERISTRUT 41 MM

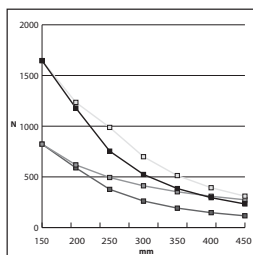
KKC 83x41x2,5 mm



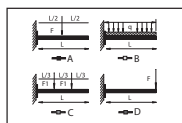
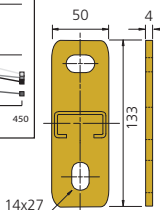
$\sigma_{adm} = 160 \text{ N/mm}^2$
 $f_{adm} = l/200$

N°	L (m)	AxBxS (mm)	C (mm)	DxE (mm)	H (mm)	P
310620	6	83x41x2,5	22,3	14x27	50	1
310625	6	83x41x2,5	22,3	14x27	50	3

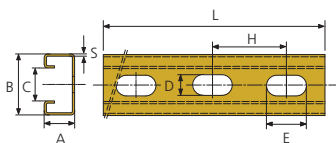
CLDC 21x41x1,5 mm



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



I_y mm ⁴	7485
I_z mm ⁴	34290
Sc mm	10.905
St mm	9.696
A mm ²	125.5

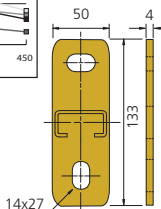
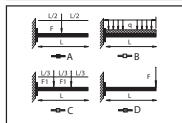
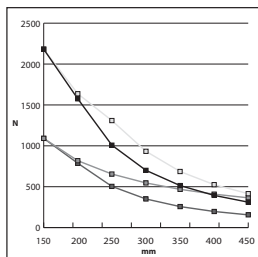


N°	L (m)	AxBxS (mm)	C (mm)	DxE (mm)	H (mm)	P
311681	150	21x41x1,5	22,3	11x27	50	1
311686	300	21x41x1,5	22,3	11x27	50	1
311691	450	21x41x1,5	22,3	11x27	50	1
311680	150	21x41x1,5	22,3	11x27	50	3
311685	300	21x41x1,5	22,3	11x27	50	3
311690	450	21x41x1,5	22,3	11x27	50	3

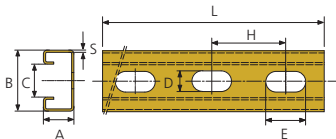




CDC 21x41x2,5 mm

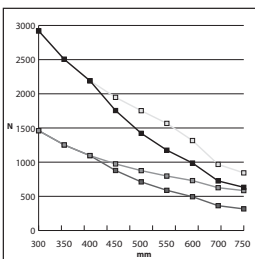


$I_y \text{ mm}^4$	9999
$I_z \text{ mm}^4$	51980
$S_c \text{ mm}^3$	10.826
$S_t \text{ mm}^3$	9.775
$A \text{ mm}^2$	190.61

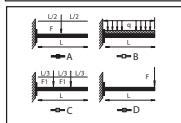


N°	L (m)	AxBxS (mm)	C (mm)	DxE (mm)	H (mm)	P
311657	150	21x41x2,5	22,3	14x27	50	1
311667	300	21x41x2,5	22,3	14x27	50	1
311677	450	21x41x2,5	22,3	14x27	50	1
311649	150	21x41x2,5	22,3	14x27	50	3
311659	300	21x41x2,5	22,3	14x27	50	3
311669	450	21x41x2,5	22,3	14x27	50	3

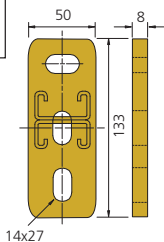
CDDC 2 x (21x41x2,5 mm)



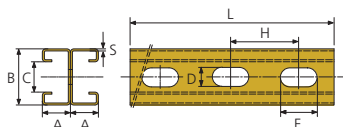
$\sigma_{\text{red}} = 160 \text{ N/mm}^2$
 $f_{\text{red}} = l/200$



$I_y \text{ mm}^4$	56420
$I_z \text{ mm}^4$	103960
$S_c \text{ mm}$	20.6
$S_t \text{ mm}$	20.6
$A \text{ mm}^2$	381.2



14x27

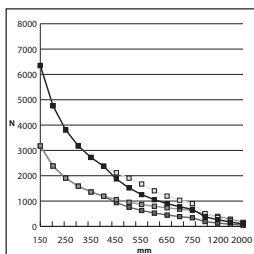


N ^o	L (m)	AxBxS (mm)	C (mm)	DxE (mm)	H (mm)	P
311805	300	21x41x2,5	22,3	14x27	50	3
311815	450	21x41x2,5	22,3	14x27	50	3
311825	600	21x41x2,5	22,3	14x27	50	3
311835	750	21x41x2,5	22,3	14x27	50	3

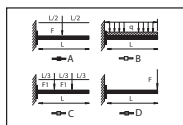




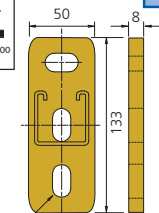
CAC 41x41x2,5 mm



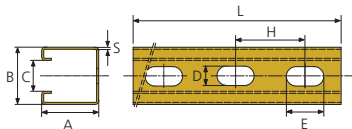
$\sigma_{crit} = 160 \text{ N/mm}^2$
 $f_{crit} = l/200$



$I_y \text{ mm}^4$	60200
$I_z \text{ mm}^4$	88780
$S_c \text{ mm}$	21.09
$S_t \text{ mm}$	20.22
$A \text{ mm}^2$	287.4

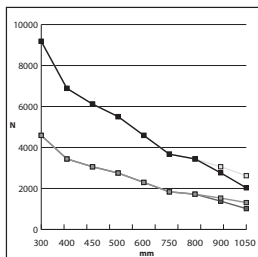


14x27

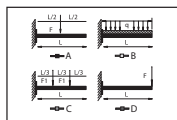


N°	L (m)	AxBxS (mm)	C (mm)	DxE (mm)	H (mm)	P
311707	150	41x41x2,5	22,3	14x27	50	1
311708	200	41x41x2,5	22,3	14x27	50	1
311717	300	41x41x2,5	22,3	14x27	50	1
311728	450	41x41x2,5	22,3	14x27	50	1
311729	500	41x41x2,5	22,3	14x27	50	1
311731	600	41x41x2,5	22,3	14x27	50	1
311756	750	41x41x2,5	22,3	14x27	50	1
311702	150	41x41x2,5	22,3	14x27	50	3
311703	200	41x41x2,5	22,3	14x27	50	3
311713	300	41x41x2,5	22,3	14x27	50	3
311718	450	41x41x2,5	22,3	14x27	50	3
311732	500	41x41x2,5	22,3	14x27	50	3
311733	600	41x41x2,5	22,3	14x27	50	3
311757	750	41x41x2,5	22,3	14x27	50	3
311758	1000	41x41x2,5	22,3	14x27	50	3
311759	1200	41x41x2,5	22,3	14x27	50	3
311760	1500	41x41x2,5	22,3	14x27	50	3
311761	2000	41x41x2,5	22,3	14x27	50	3

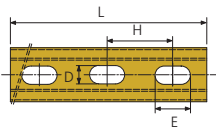
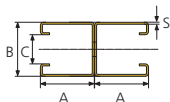
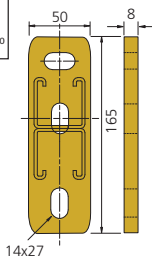
CAAC 2 x (41x41x2,5 mm)



$\sigma_{\text{adm}} = 160 \text{ N/mm}^2$
 $f_{\text{adm}} = 1/200$



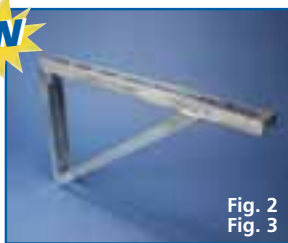
$I_y \text{ mm}^4$	177570
$I_z \text{ mm}^4$	355400
$S_c \text{ mm}$	41.3
$S_t \text{ mm}$	41.3
$A \text{ mm}^2$	574.9



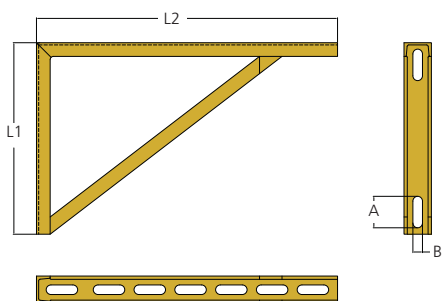
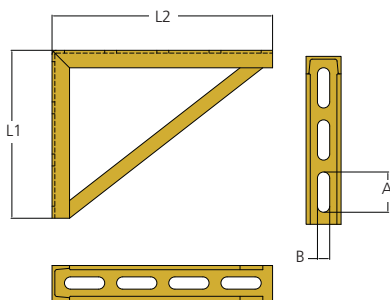
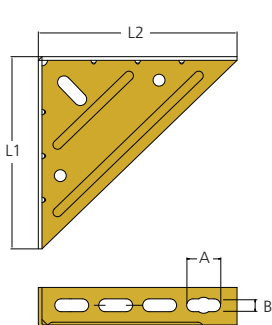
Nº	L (m)	AxBxS (mm)	C (mm)	DxE (mm)	H (mm)	P
311401	300	41x41x2,5	22,3	14x27	50	3
311409	400	41x41x2,5	22,3	14x27	50	3
311411	450	41x41x2,5	22,3	14x27	50	3
311419	500	41x41x2,5	22,3	14x27	50	3
311421	600	41x41x2,5	22,3	14x27	50	3
311431	750	41x41x2,5	22,3	14x27	50	3
311439	800	41x41x2,5	22,3	14x27	50	3
311441	900	41x41x2,5	22,3	14x27	50	3
311451	1050	41x41x2,5	22,3	14x27	50	3



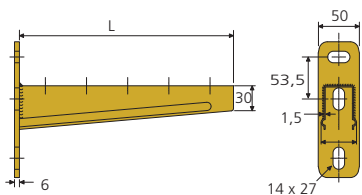
SCT



Nº	Fig.	L1 (mm)	L2 (mm)	A x B (mm)	P		90°
312196	1	210	210	37,0x14,0	3	6000	6000
312197	2	240	315	57,5x17,5	3	4000	8000
312198	3	350	550	57,5x17,5	3	4000	8000

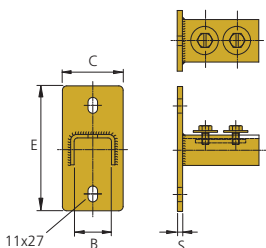


CTRI 1,5 mm



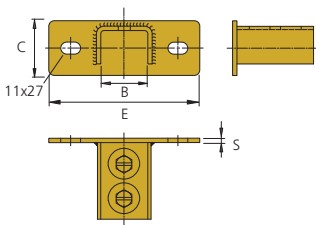
	Nº	L (mm)	P	
311920	CTRI12-3 120 mm	120	3	1500
311925	CTRI16-3 160 mm	160	3	1250
311930	CTRI21-3 210 mm	210	3	1125
311935	CTRI26-3 260 mm	260	3	875
311940	CTRI31-3 310 mm	310	3	750
311945	CTRI41-3 410 mm	410	3	750
311950	CTRI51-3 510 mm	510	3	750
311955	CTRI61-3 610 mm	610	3	625

APX 21/41 M10



Nº	B (mm)	C (mm)	E (mm)	S (mm)	P
584725	43	70	144	5	1

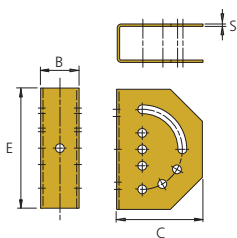
APY 21/41 M10



Nº	B (mm)	C (mm)	E (mm)	S (mm)	P
584751	43	50	144	5	1

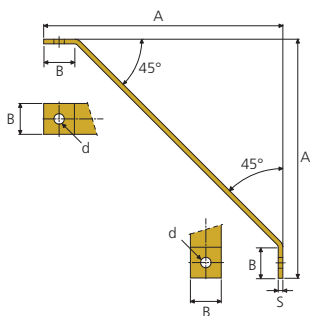


SNA

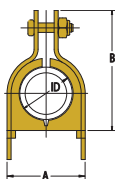
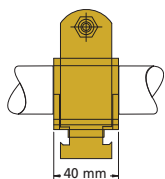


N°	B (mm)	C (mm)	E (mm)	S (mm)	P
311900	42	106	150	3	3

ZWA 223-225



N°	A (mm)	B (mm)	S (mm)	d (mm)	P
311840	300	40	6	13,5	3
311841	200	40	6	13,5	3
311842	300	40	6	13,5	3

CADDY® CUSHION CLAMP **NEW**

N°	Ø (") (Cu)	Ø (")	ID (mm)	A (mm)	B (mm)	P
598882			6.4	15.7	24.9	1
598883	1/4		9.4	20.8	28.7	1
598884	3/8		12.7	23.9	34.0	1
598885		1/4	13.7	24.9	34.0	1
598886	1/2		15.7	26.9	39.1	1
598887		3/8	17.0	28.7	39.1	1
598888			19.1	30.5	42.7	1
598889		1/2	21.3	32.8	46.2	1
598891	3/4		22.1	33.3	46.2	1
598892			25.4	36.6	49.5	1
598893		3/4	26.7	39.9	52.8	1
598894	1		28.4	39.9	52.8	1
598895			31.8	43.2	56.1	1
598896		1	33.3	44.7	59.4	1
598897	1-1/4		34.8	46.2	59.4	1
598898			38.1	49.5	62.7	1
598899	1-1/2		41.1	52.6	66.0	1
598901		1-1/4	42.4	55.1	69.3	1
598902			44.5	55.9	69.3	1
598903			47.5	58.9	72.6	1
598904		1-1/2	48.3	62.2	77.2	1
598905			50.8	65.3	82.0	1
598906	2		53.8	71.6	90.7	1
598908		2	60.2	74.7	96.3	1
598909			63.5	78.0	99.6	1
598941	2-1/2		66.5	84.3	105.9	1
598944		2-1/2	76.2	90.7	112.3	1
598945	3		79.2	100.6	120.7	1
598946			84.1	100.3	121.7	1
598948		3	88.9	106.7	129.8	1
598949			91.9	113.0	129.8	1
598952		3-1/2	101.6	116.1	140.7	1
598953	4		104.6	126.0	148.3	1
598954			110.2	125.7	74.2	1
598957		4	114.3	141.5	166.1	1
598958	5		130.0	152.7	175.8	1
598959		5	141.2	166.9	191.5	1
598981	6		155.4	166.9	191.5	1
598982		6	168.1	179.6	209.0	1

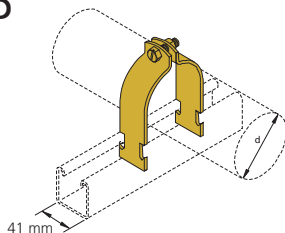


-45°/+135°





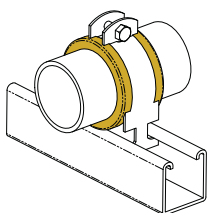
OD



Nº	Ø (")	W x T (mm)	P
598811		6-8	1
598812	1/8	8-11	1
598813		11-12	1
598814	3/8	15-17	1
598815		18-20	1
598816	1/2	21-23	1
598817		23-26	1
598818	3/4	26-29	1
598819		29-32	1
598822	1	32-36	1
598823		36-39	1
598824		39-42	1
598825	1-1/4	42-45	1
598826	1-1/2	46-50	1
598827		50-54	1
598828		52-56	1
598829		56-60	1
598831	2	60-63	1
598832		62-64	1
598833		64-67	1
598834		67-71	1
598835		71-74	1
598836	2-1/2	74-77	1
598837		77-80	1
598838		83-86	1
598839	3	86-90	1
598842		96-100	1
598843		100-103	1
598844		109-112	1
598845	4	112-115	1
598846		115-118	1
598847		125-128	1
598848		132-135	1
598849		135-138	1
598853	5	138-141	1
598854		148-151	1
598855		157-160	1
598856		160-164	1
598857	6	164-167	1
598858		167-170	1
598859		176-179	1
598862		179-182	1
598863		189-192	1
598864		196-200	1
598865	8	218-221	1

Nº	Ø (")	d (mm)	P
598806	1/2	21.3	3
598807	3/4	26.9	3
598808	1	33.7	3
598809	1-1/4	42.4	3
598866	1-1/2	48.3	3
598867	2	60.3	3
598868	2-1/2	76.1	3
598869	3	88.9	3
598875	4	113.3	3
598876	5	139.7	3
598877	6	165.1	3
598878	8	219	3
598983	10	273	3

ISO



NEW

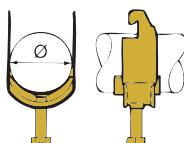
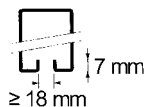


N°		L (m)
402268	OD ISO	10



-50°/+110°

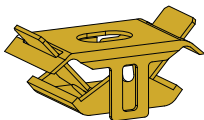
C-EC



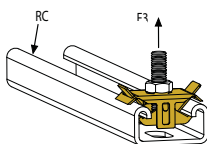
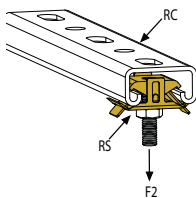
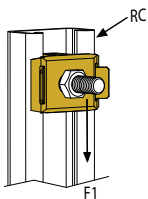
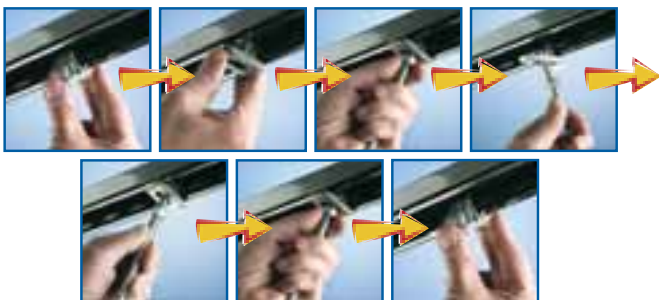
N°		Ø (mm)	P
337600	C12EC	6-12	3
337610	C16EC	12-16	3
337620	C20EC	16-20	3
337630	C24EC	20-24	3
337640	C28EC	24-28	3
337650	C32EC	28-32	3
337660	C36EC	32-36	3
337670	C40EC	36-40	3
337680	C44EC	40-44	3
337690	C48EC	44-48	3
337700	C52EC	48-52	3
337710	C56EC	52-56	3
337720	C60EC	56-60	3
337730	C64EC	60-64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



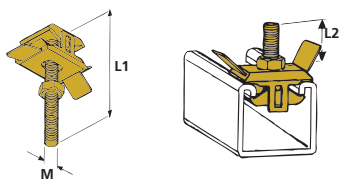
CADDY® SLICK NUT



N°	RS	F1	F2	F3	P
174460	M6	600	750	1250	21
174340	M8	600	750	1500	21
174350	M10	600	750	1250	21
174550	M12	600	750	1500	21

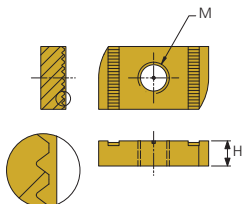


CADDY® SLICK ST



N°	M	L1 (mm)	L2 (mm)	P
174360	M8	50	33	21
174370	M8	70	53	21
174380	M8	90	73	21
174390	M8	110	93	21
174400	M8	130	113	21
174410	M10	50	33	21
174420	M10	70	53	21
174430	M10	90	73	21
174440	M10	110	93	21
174450	M10	130	113	21

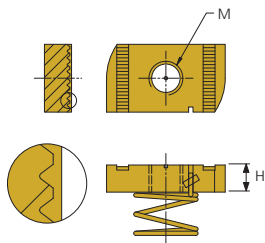
UM



N°	M	H (mm)	Nm	P
314995	M6	5	12	1
315015	M8	6	28	1
315025	M10	8	55	1
315035	M12	8	95	1
315036	M16	8	125	1
315000	M6	5	12	3
315010	M8	6	28	3
315020	M10	8	55	3
315030	M12	8	95	3
315037	M16	8	125	3

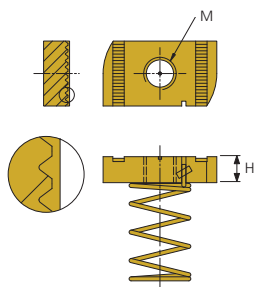


UD



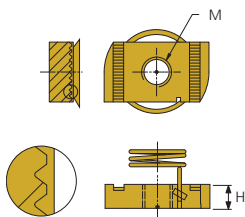
N ^o	M	H (mm)	Nm	P
315045	M6	5	12	1
315055	M8	6	28	1
315065	M10	8	55	1
315075	M12	8	95	1
315040	M6	5	12	3
315050	M8	6	28	3
315060	M10	8	55	3
315070	M12	8	95	3

UA



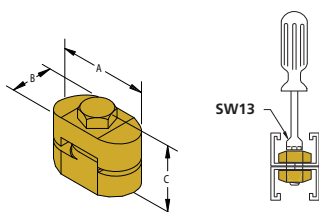
N ^o	M	H (mm)	Nm	P
315085	M6	5	12	1
315095	M8	6	28	1
315105	M10	8	55	1
315115	M12	8	95	1
315080	M6	5	12	3
315090	M8	6	28	3
315100	M10	8	55	3
315110	M12	8	95	3

UT

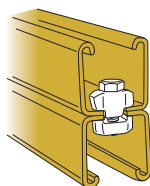
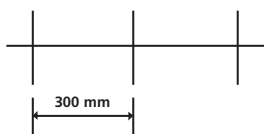


Nº	M	H (mm)	Nm	P
315295	M6	6	12	1
315305	M8	6	28	1
315315	M10	8	55	1
315325	M12	8	95	1
515331	M6	6	12	3
315300	M8	6	28	3
315310	M10	8	55	3
315320	M12	8	95	3

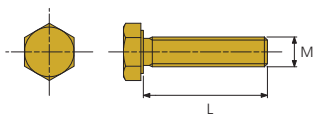
STS



Nº	STS	A (mm)	B (mm)	C (mm)	4900	Nm	P
315450	STS	25	12.7	32	4900	7	1

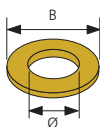


THM



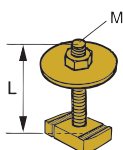
Nº	M	L (mm)	P
593680	M8	25	1
593745	M10	25	3
593755	M10	30	3

MU



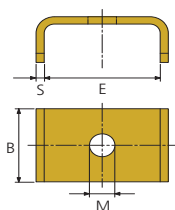
Nº	Ø (mm)	B (mm)	P
592415	10,5	21	3

TMN



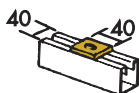
Nº	MxL	P
590220	M8x30	1
590080	M8x40	1
590221	M8x50	1
590222	M8x60	1
590223	M8x100	1
590090	M10x40	1
590224	M10x50	1
590225	M10x60	1
590226	M10x70	1
590227	M10x80	1
590228	M10x90	1
590100	M12x40	1

PLN



N°	M (mm)	B (mm)	S (mm)	E (mm)	P
589925	8,4	30	3	42	1
589930	10,5	30	3	42	1
589940	13,0	30	3	42	1

ZEA 100



N°	P
387500	3



ZEA 101



N°	P
387510	3



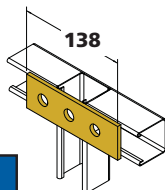
ZE 102/ZEA 102



N°		P
313020	+	3
387520	-	3



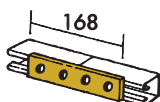
ZEA 103



N°	P
387530	3



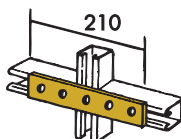
ZE 104/ZEA 104



N°		P
313040	+	3
387540	-	3



ZEA 105



N°	P
387550	3



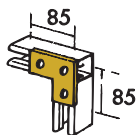
ZEA 106



N°	P
387560	3

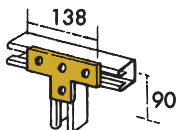


ZE 107/ZEA 107



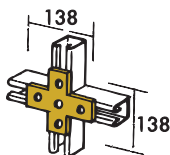
N°		P
313070	+	3
387570	-	3

ZE 108/ZEA 108



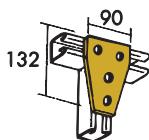
N°		P
313080	+	3
387580	-	3

ZEA 109



N°	P
387590	3

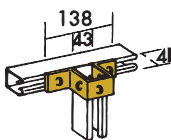
ZEA 110



N°	P
387450	3

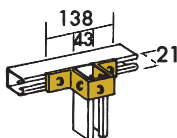


ZU 400/ZUA 400



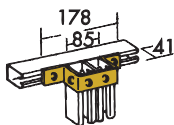
N°		P
313120	+	3
387750	-	3

ZUA 401



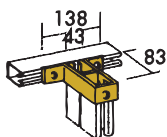
N°	P
387760	3

ZUA 402



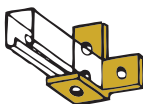
N°	P
387770	3

ZUA 403



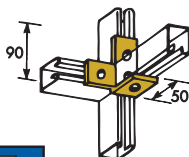
N°	P
387780	3

ZWA 214



N°	P
387890	3

ZWA 215



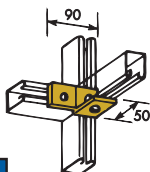
N°	P
387900	3

ZWA 216



N°	P
387910	3

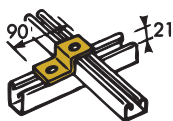
ZWA 217



N°	P
387930	3



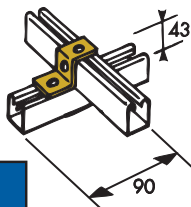
ZSA 300



N°	P
387730	3



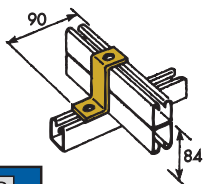
ZSA 301



N°	P
387740	3



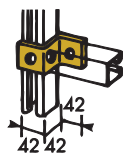
ZSA 302



N°	P
387960	3



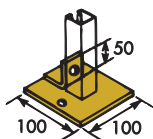
ZSA 303



N°	P
387970	3

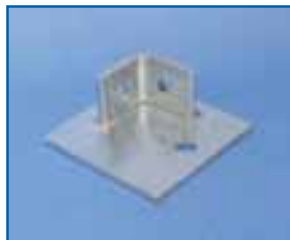
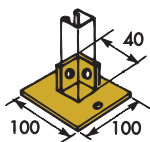


ZGA 500



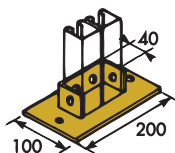
N°	P
388120	3

ZGA 501



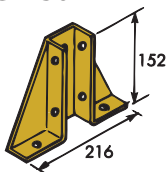
N°	P
388270	3

ZGA 502



N°		P
388360	82x41	3

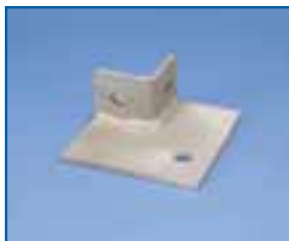
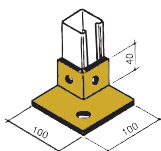
ZGA 503/ZGA 504



N°		P
388370	41x41	3
388380	82x41	3

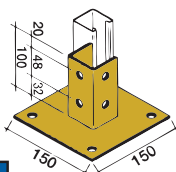


ZGA 505



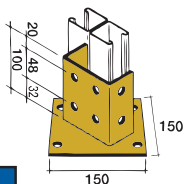
Nº	P
313821	3

ZGA 506



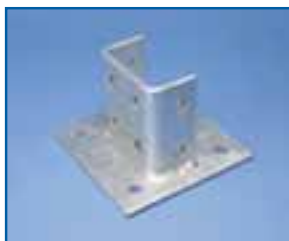
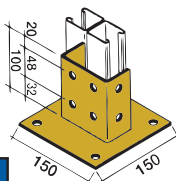
Nº	P
313822	3

ZGA 507



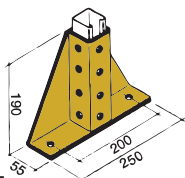
Nº	P
313823	3

ZGA 508



Nº	P
313824	3

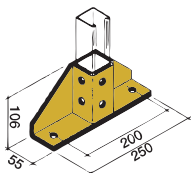
ZGA 509



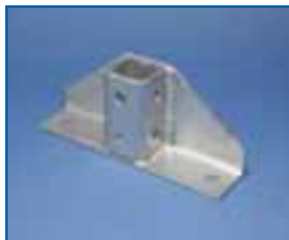
N°	P
313825	3



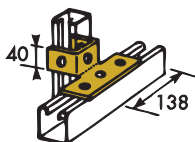
ZGA 510



N°	P
388826	3



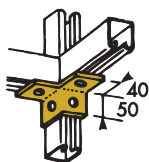
ZZA 700



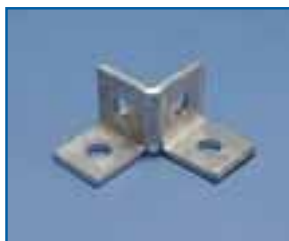
N°	P
388390	3



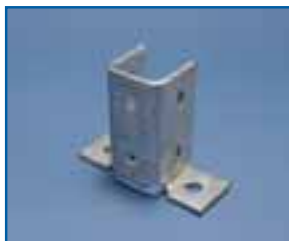
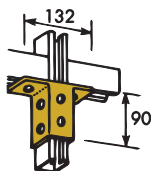
ZZA 701



N°	P
388400	3

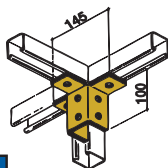


ZZ 702/ZZA 702



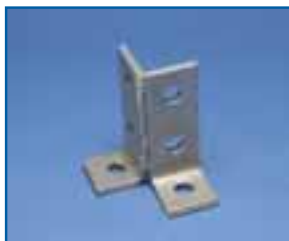
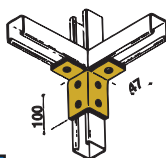
Nº		P
313850	+	3
387720	-	3

ZZA 705



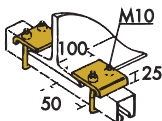
Nº	P
388421	3

ZZA 706



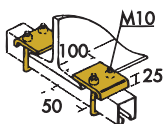
Nº	P
388422	3

ZTA 601 21-41/ZTA 602 62-83



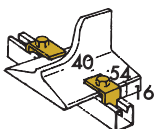
Nº		P
387700	DDC+DC+AC	3
388005	AAC+MC+KC	3

ZTA 603 124/ZTA 604 164



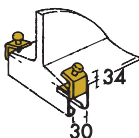
N°		P
388065	MMC	3
388075	KKC	3

ZTA 605



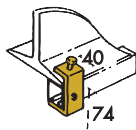
N°	P
313260	3

ZTA 606



N°	P
313270	3

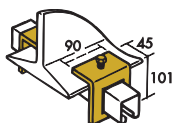
ZT 607



N°	P
313280	3



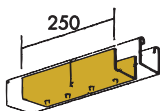
ZZ 704



N°		P
313870	41x41	3



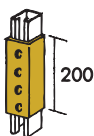
ZUA 404/ZUA 405



N°		P
387790	41x21	3
387800	41x41	3



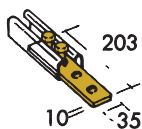
ZUA 406/ZUA 407



N°		P
387810	41x21	3
387820	41x41	3



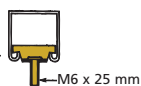
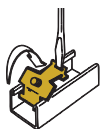
ZUA 408



N°	P
387830	3



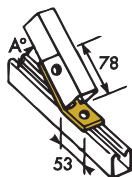
MFA-SM25



N°	P
160300	7



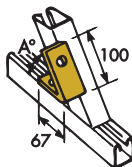
ZWA 218 45°



N°	A°	P
387850	45	3



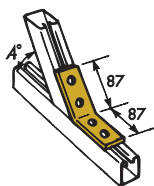
ZW/ZWA 219 45°



N°		A°	P
313640	+	45	3
387920	-	45	3

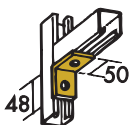


ZW 220/ZWA 220



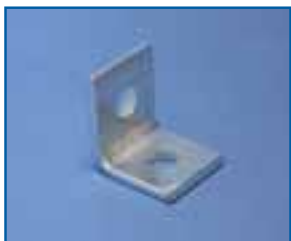
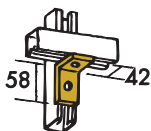
N°		A°	P
313700	+	45	3
387980	-	45	3

ZW 200/ ZWA 200



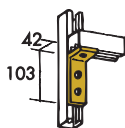
N°		P
313330	+	3
387600	-	3

ZW 201/ ZWA 201



N°		P
313340	+	3
387610	-	3

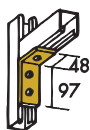
ZW 202/ZWA 202



N°		P
313350	+	3
387620	-	3



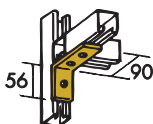
ZWA 203



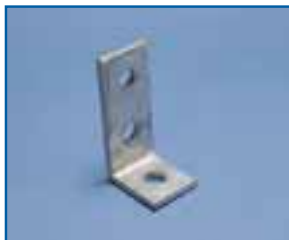
N°	P
387630	3



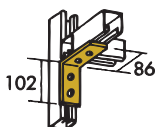
ZWA 204



N°	P
387640	3



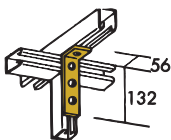
ZW 205/ZWA 205



N°		P
313380	+	3
387650	-	3

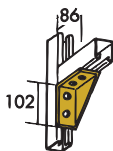


ZWA 206



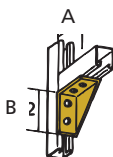
N°	P
387660	3

ZW 207



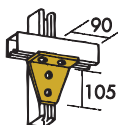
N°		P
313400	+	3

ZWA 207/ZWA 207L



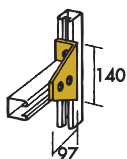
N°	A (mm)	B (mm)	P
387670	86,5	102	3
387675	90,5	106	3

ZWA 209



N°	P
387690	3

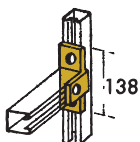
ZWA 212



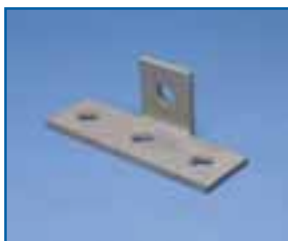
N°	P
387870	3



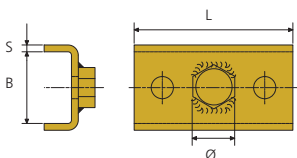
ZWA 213



N°	P
387880	3



ZZ

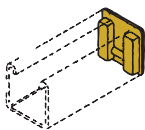


N°	Ø (mm)	L (mm)	B (mm)	S (mm)	P
313880	M8	93	42	4	1
313890	M10	93	42	4	1
313920	1/2"	93	42	4	1
313930	3/4"	104	42	4	1
313940	1"	104	42	4	1



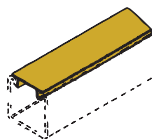


ADK 421



N°		P
313305	41x41 41x21	PE

DLP/DLM



N°	L (m)	P
313310	3	11
313320	3	1



**EIR**

172

**EIR CS**

172

**EIR C**

172

**EIR SP**

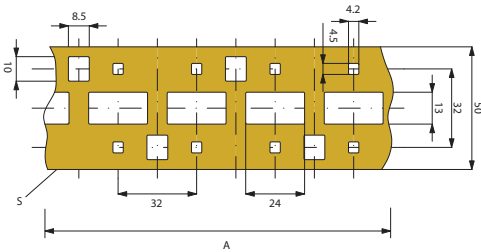
173

**EIR T**

173



EIR



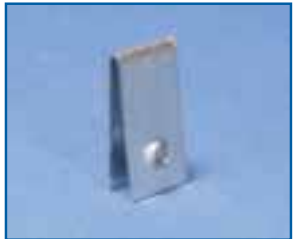
Nº	A (mm)	S (mm)	P
400747	2000	3	1

EIR CS



Nº	M	P
400748	M4	1

EIR C



Nº	M	P
400749	M5	1
400750	M8	1





EIR SP

N°	P
401134	11



EIR T

N°	P
401135	1







TK300

179



BTK310

179



SL

180



HB2

180



315

181



PH / PHSW

181



C20 / C30 / C45

181



SM

182



SPP

182



CR

182



D1 / D2 / D3

183



HW

183



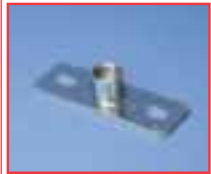
UBH

184



PBF80

184



PBF120

185



PBF

185



ZZ

185



DS

186



DH

186



PD

186



RTU

187



C-FIX SW

187



LLS-M

187



LS-M

188



LLS-H

188



LS-H

188



EB-H

189

NEW

ES

189



OS

189



TDH

190

NEW



TDHM

190



TDHIM8

190



TDHAM

191



TBHK

191



TBHG

192



TDHP

192

NEW



2000

193

NEW



3000

194



5000 KIT

195



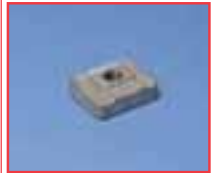
5000 CH

195



5000 BC

196



5000 CN M10

196



5000 CN M8 / M10

196



6000 KIT

197



6000 CH 41 x 21 x 2,5

197



6000 CH 41 x 41 x 2,5

198



6000 BC

198



6000 HB KIT

199



5195

199



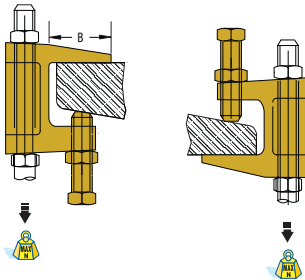
6195

199





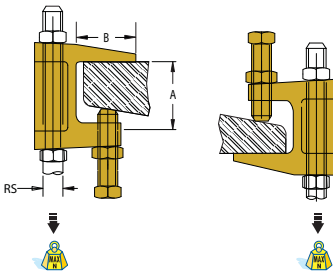
TK300



VdS

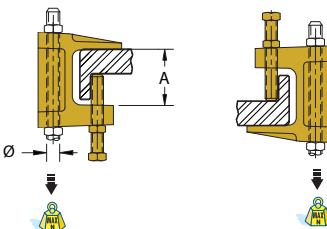
N ^o	Ø	B (mm)	VdS	FM	P	Icon
389500	9	21	VdS	-	1	1200
386810	M8	21	VdS	-	1	1200
389510	11	23	VdS	FM	1	2500
386820	M10	23	VdS	FM	1	2500
389520	13	35	VdS	FM	1	3500
386830	M12	35	VdS	FM	1	3500
389505	17	30	VdS	FM	1	5500

BTK310



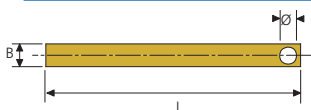
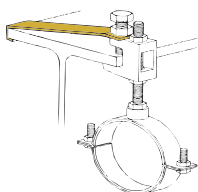
VdS

N ^o	Ø	A (mm)	B (mm)	P	Icon
389890	M10	21,4	28	1	2500
388890	M12	18,9	28	1	3500



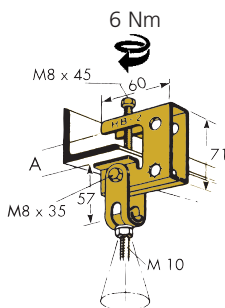


SL

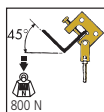
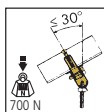
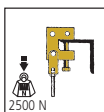
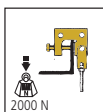
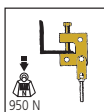
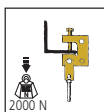


N°	B (mm)	L (mm)	Ø (mm)	P
590240	25	300	11	1

HB2

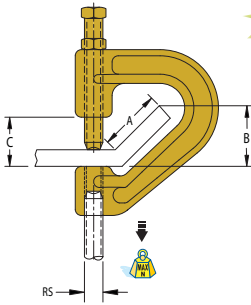


N°	A (mm)	P
336030	< 24	1
336040	< 24	3



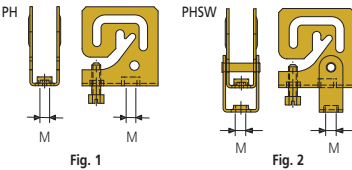


315



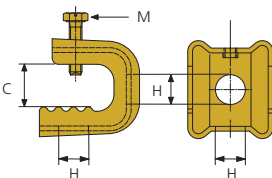
N°		RS	A (mm)	B (mm)	C (mm)	DN Max.		P
386825	3150037EG	M10	50	38	25	100	1800	1

PH/PHSW



N°	M	P	Fig.
182160	M8	1	1
182170	M10	1	1
182190	M8	1	2
182200	M10	1	2

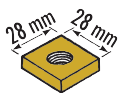
C20/C30/C45



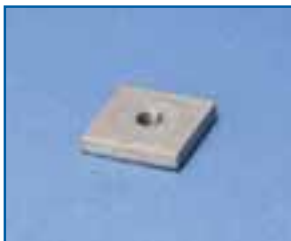
N°	C (mm)	H (mm)	M	P
336100	20	14	M6x25	3
336110	30	14	M8x30	3
336120	45	14	M8x30	3



SM



Nº	M	P
336170	8	3

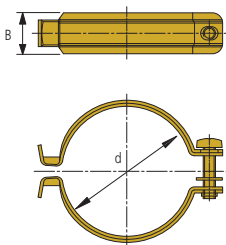


SPP

Nº	M	P
336210	8	3



CR



Nº	d (mm)	B (mm)	P
336300	16-20	16	3
336310	20,4-25	16	3
336320	26,9-31,8	16	3
336330	33,7-38	20	3
336340	40-44,5	20	3
336350	47-51	20	3
336360	59,2-63,5	20	3

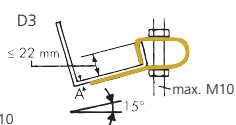
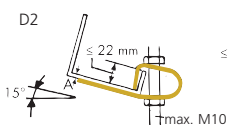
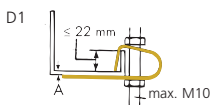




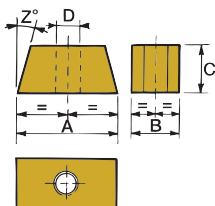
D1/D2/D3



N°	A (mm)	Ø (mm)	P
336280	≤ 4	11	1
339100	≤ 4	11	1
339110	≤ 4	11	1



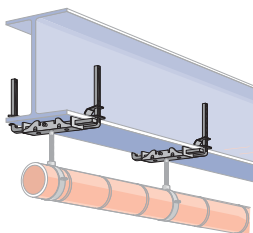
HW



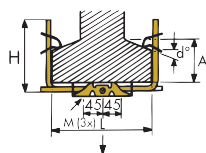
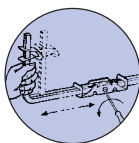
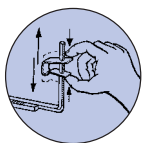
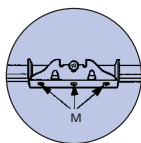
N°	A (mm)	B (mm)	C (mm)	D (mm)	Z° (mm)	P
187280	25	12	12	M8	15°	1
187290	25	12	12	M10	15°	1
187300	25	16	16	M12	15°	1
188810	25	9,5	9,5	M8	15°	1
188780	19	9,5	9,5	M8	15°	1
188850	18	9,5	9,5	M8	25°	1
188800	21	13	10	M8	12°	1
188820	21	13	10	M10	12°	1



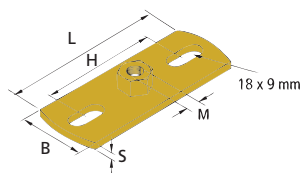
UBH



Nº	A (mm)	H (mm)	L (mm)	M (mm)	d° (mm)	P	0°-20°	20°-40°
190530	3-110	170	200-350	M6	0-20°/20-40°	1 (7)	750	500
190490	3-110	170	200-350	M8	0-20°/20-40°	1 (7)	750	500
190540	3-150	210	300-500	M6	0-20°/20-40°	1 (7)	750	500
190500	3-150	210	300-500	M8	0-20°/20-40°	1 (7)	750	500



PBF 80

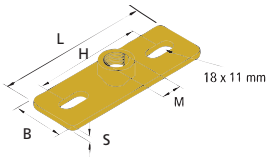


Nº	M	L (mm)	B (mm)	H (mm)	S (mm)	P
587125	1/2"	80	30	50	3	1
587155	M8	80	30	50	3	1
587135	M10	80	30	50	3	1
587145	M8/M10	80	30	50	3	1



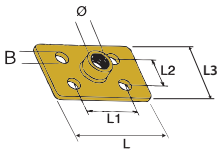


PBF 120



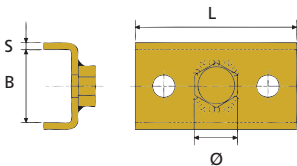
N°	M	L (mm)	B (mm)	H (mm)	S (mm)	P
587150	M8	120	40	81	4	1
587160	M10	120	40	81	4	1
587140	M8/M10	120	40	81	4	1
587165	M12	120	40	81	4	1
587180	M16	120	40	81	4	1
587185	M20	120	40	81	4	1
587120	1/2"	120	40	81	4	1
587130	3/4"	120	40	81	4	1
587131	1"	120	40	81	4	1

PBF



N°	Ø (")	B (mm)	L (mm)	L1 (mm)	L2 (mm)	L3 (mm)	P
587450	1	11x17	130	100	44	75	1
587460	1	11x17	130	100	44	75	1
587470	1	11x17	130	100	44	75	1

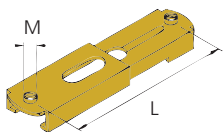
ZZ



N°	Ø (mm)	L (mm)	B (mm)	S (mm)	P
313920	1/2"	93	42	4	1
313930	3/4"	104	42	4	1
313940	1"	104	42	4	1

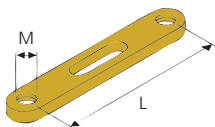


DS



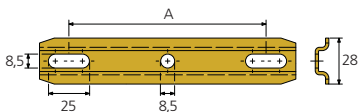
N°	M	L (mm)	P
583810	M8	50-95	1
400722	M8	60-90	1

DH



N°	M	L (mm)	P
588375	8	55	1

PD

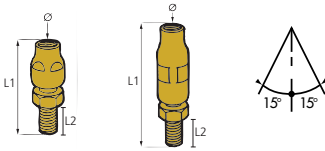


N°	A (mm)	P
577000	120	1





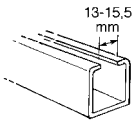
RTU



Nº	M	L1 (mm)	L2 (mm)	P
583580	M8x15	56	15	1
583590	M10x18	75	18	1
583630	M10x30	85	30	1
583640	M10x60	115	60	1

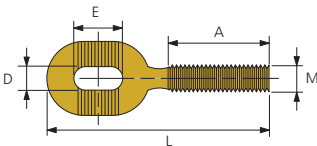
Nº	M	L1 (mm)	L2 (mm)	P
583600	M8x15	66	15	1
583610	M10x18	85	18	1
583620	M12x20	95	20	1

C-FIX SW



Nº	M	P
584657	8	1
584658	10	1

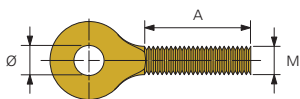
LLS-M



Nº	MxL	DxE (mm)	A (mm)	P
401125	M6x60	6x14	25	1
401126	M8x80	9x25	30	1

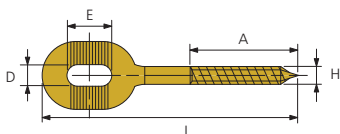


LS-M



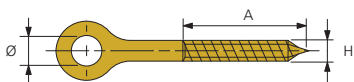
Nº	M	\varnothing (mm)	A (mm)	P
195854	M6x20	7,0	20	1
195856	M8x25	8,5	25	1
195857	M10x25	12	25	1

LLS-H



Nº	HxL	DxE (mm)	A (mm)	P
401129	H6x82	7x14	30	1

LS-H



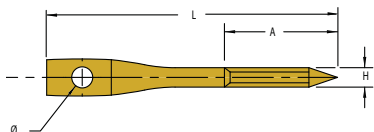
Nº	H	\varnothing (mm)	A (mm)	P
195858	H6x50	8,75	32	1





EB-H

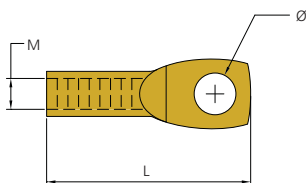
NEW



Nº	HxL	\varnothing (mm)	A (mm)	P
574300	H5x50	6,5	20	1
574310	H5x65	6,5	27	1
574320	H6x75	6,5	27	1
574330	H6x90	6,5	35	1
574340	H6x100	6,5	35	1
574350	H6x120	6,5	40	1
574360	H6x150	6,5	40	1

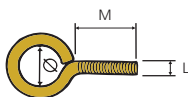
ES

NEW



Nº	M	L (mm)	\varnothing (mm)	P
574250	M6	43	6,0	1
574260	M8	46	8,0	1
574270	M10	54	10,0	1
574280	M12	61	12,5	1

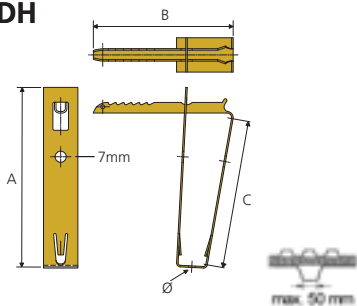
OS



Nº	MxL	\varnothing (mm)	P
336050	M8x25	12	1
336060	M10x30	14	1



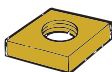
TDH



N°	Ø (mm)	A (mm)	B (mm)	C (mm)		P
179920	13,2	115	90	95	40	21

TDHM

VK M6
VK M8
VK M10



N°	M	P
179930	M6	21
179940	M8	21
179950	M10	21

TDHIM8

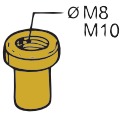


N°	M	P
179510	M8	21





TDHAM

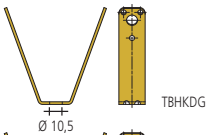


N°	M	P
179945	M8	21
179955	M10	21

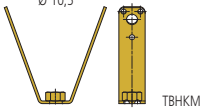
TBHK



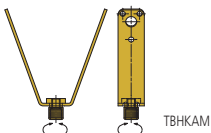
N°	TBHK_	H (mm)	A (mm)	E (mm)	F (mm)	W x T (mm)	P	FM/VdS
597581	DG	91,5	97,0	10,5	6	25x2,5	1	
597582	M8	91,5	97,0	10,5	6	25x2,5	1	VdS
597583	M10	91,5	97,0	10,5	6	25x2,5	1	FM/VdS
597584	AM8	91,5	97,0	10,5	6	25x2,5	1	
597585	AM10	91,5	97,0	10,5	6	25x2,5	1	



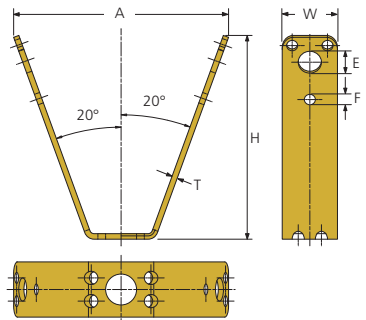
TBHKDG



TBHKM



TBHKAM



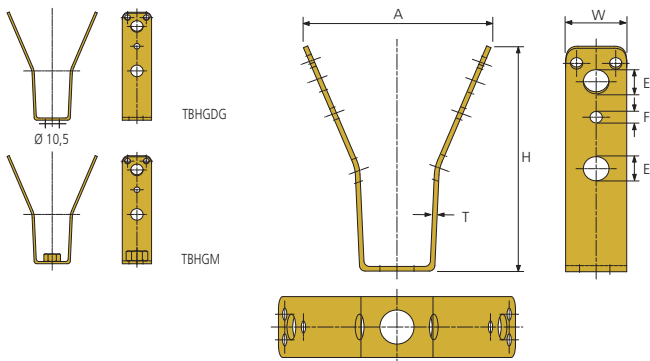


TBHG

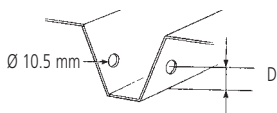
NEW



Nº	TBHG_	H (mm)	A (mm)	E (mm)	F (mm)	W x T (mm)	P
597586	DG	120	100	11	6	25x2,5	1
597587	M8	120	100	11	6	25x2,5	1
597588	M10	120	100	11	6	25x2,5	1



TDHP



Nº	D (mm)
159441	12-80
159442	12-80

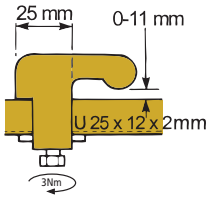


159442



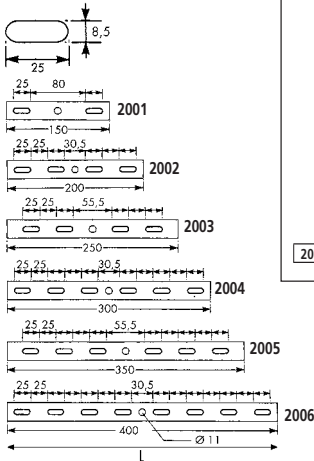


2000




N°		Ø (mm)	P
570130	2150	150	1
570140	2200	200	1
570150	2250	250	1
570160	2300	300	1
570170	2350	350	1
570180	2400	400	1
570300	2001	150	1
570310	2002	200	1
570320	2003	250	1
570330	2004	300	1
570340	2005	350	1
570350	2006	400	1


N°		P
570240	2025	1



2000

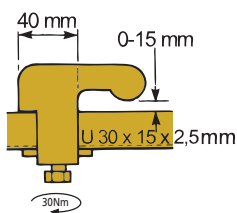


	A mm	B mm	F1	F2	F3
2000	25	65	1700	490	340



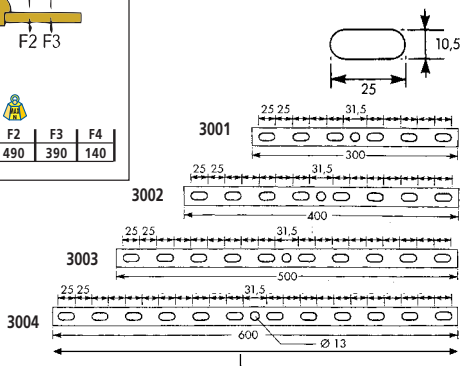
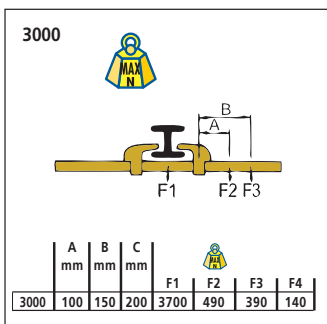


3000

**NEW**

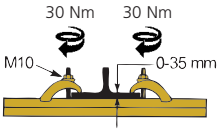
N°		Ø (mm)	P
570410	3300	300	1
570420	3400	400	1
570430	3500	500	1
570440	3600	600	1
570560	3001	300	1
570570	3002	400	1
570580	3003	500	1
570590	3004	600	1

N°		P
570500	3025	1

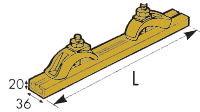




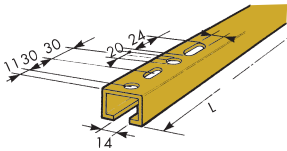
5000 KIT



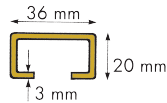
N°	L (mm)	P
335000	300	3
335010	400	3
335020	500	3
335030	600	3
335040	800	3

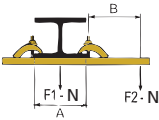


5000 CH



N°	L (mm)	P
335000	300	3
335010	400	3
335020	500	3
335030	600	3
335040	800	3
335550	1000	3
335560	2000	3
335570	3000	3
335580	6000	3

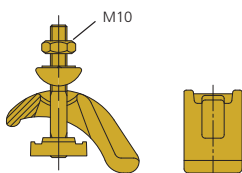


	A mm	F1 MAX N	B mm	F2 NU N
	100	3500	100	1700
	200	1750	200	800
	300	1100	100	500
	400	800	400	400
	500	700	500	350
	600	500	500	250



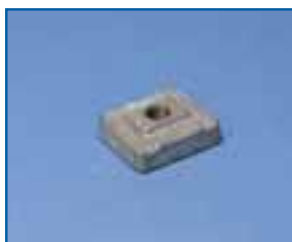
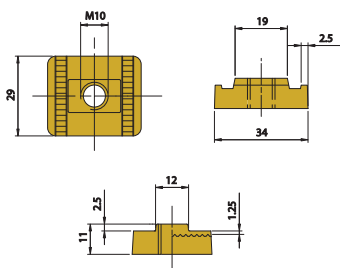
13

5000 BC



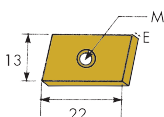
Nº	M	P
335100	M10	3

5000 CN M10 SQ



Nº	M	P
335150	M10	3

5000 CN M8 RH 5000 CN M10 RH

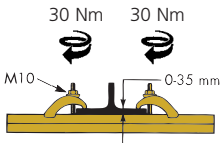


Nº	M	E (mm)	P
335180	M8	6	3
335190	M10	7,5	3

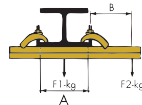




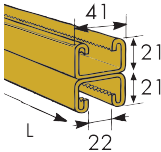
6000 KIT



N°	L (mm)	BxAxS (mm)	P
330000	300	41x21x2,5	3
330010	400	41x21x2,5	3
330020	500	41x21x2,5	3
330030	600	41x21x2,5	3
330040	800	41x21x2,5	3
330100	300	41x41x2,5	3
330110	400	41x41x2,5	3
330120	500	41x41x2,5	3
330130	600	41x41x2,5	3
330140	800	41x41x2,5	3



6000 CH 2 x (41x21x2,5 mm)



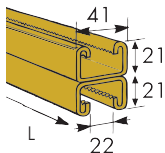
N°	L	BxAxS (mm)	P
330200	300	41x21x2,5	3
330210	400	41x21x2,5	3
330220	500	41x21x2,5	3
330230	600	41x21x2,5	3
330240	800	41x21x2,5	3
330250	1000	41x21x2,5	3
330260	2000	41x21x2,5	3
310101	3000	41x21x2,5	3
310111	6000	41x21x2,5	3

	A mm	F1	B mm	F2
	300	3000	300	1500
	400	2250	400	1100
	500	1800	500	900
	600	1500	600	700



13

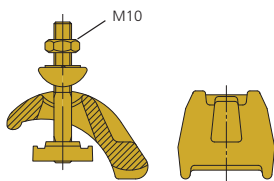
6000 CH 2 x (41x41x2,5 mm)



N°	L	BxAxS (mm)	P
330380	300	41x41x2,5	3
330390	400	41x41x2,5	3
330400	500	41x41x2,5	3
330410	600	41x41x2,5	3
330420	800	41x41x2,5	3
330430	1000	41x41x2,5	3
330440	2000	41x41x2,5	3
310221	3000	41x41x2,5	3
310231	6000	41x41x2,5	3

	A mm	F1	B mm	F2
	300	9500	300	4500
	400	7000	400	3500
	500	5500	500	2850
	600	4500	600	2300

6000 BC

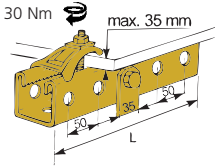


N°	M	P
330600	M10	3

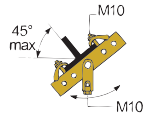




6000 HB KIT



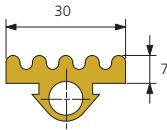
N°	L (mm)	P	
336010	400	1+3	2300
336020	500	1+3	1800



N°	P
388350	1



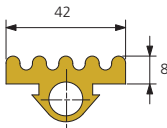
5195



N°	L (m)	P
335990	30	EPDM



6195



N°	L (m)	P
335980	30	EPDM







VDF TORX®

204



VDF T

204



VDF

205



HIS

205



TPS

205



TFZ

206



TF

206



ST

207



STF

207



EM

208



EM-HEX

208



EM-HEXI

208

NEW



FEN

209



RMF

209



RFF

209

NEW

**HM**

210

**MU**

210

**WSL KARO**

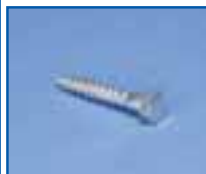
210

**THMF**

211

**BNS**

211

**HWB**

211

**LS-M**

212

**LS-H**

212

**OSM**

212

**UMC**

213

**AB-C**

213

**ISN**

213

**VKM**

213

**SB**

214

**ABP**

214



**SBP**

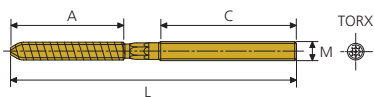
214

**SBP-C**

214



VDF TORX



Nº	M	L (mm)	A (mm)	C (mm)	TORX	P
400374	M6	50	25	20	15	1
593270	M8	50	40	10	25	1
593280	M8	60	30	20	25	1
593290	M8	70	30	25	25	1
593300	M8	80	40	30	25	1
593310	M8	100	40	40	25	1
593400	M8	120	50	50	25	1
400385	M8	140	50	50	25	1
593410	M8	150	45	50	25	1
593420	M8	200	50	50	25	1
593560	M10	50	30	18	25	1
593330	M10	60	30	18	25	1
593340	M10	80	40	30	25	1
593350	M10	100	60	30	25	1
593360	M10	110	60	40	25	1
593370	M10	120	60	50	25	1
593570	M10	150	60	50	25	1
593580	M10	200	60	50	25	1
400402	M12	100	55	30	30	1
400403	M12	120	55	30	30	1

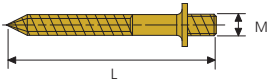
VDF T

Nº	M	P
401121	M8	1
401122	M10	1





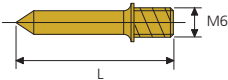
VDF



Nº	MxL (mm)	P
400697	M6x50	1
400698	M6x80	1
583850	M8x40	1
593320	M8x50	1
400700	M8x80	1
400701	M8x100	1
400702	M8x120	1
583860	M10x45	1



HIS



Nº	MxL (mm)	P
400710	M6x15	1
400711	M6x18	1
400712	M6x25	1
400713	M6x30	1
400714	M6x40	1
400715	M6x55	1
400716	M6x70	1



TPS

Nº	M	P
401124	M8x26	1





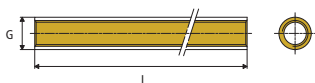
TFZ



Nº	M	L (m)	P
592570	M6	1	1
592580	M6	2	1
592650	M6	3	1
592590	M8	1	1
592600	M8	2	1
592660	M8	3	1
592610	M10	1	1
592620	M10	2	1
592670	M10	3	1
592630	M12	1	1
592640	M12	2	1
592680	M12	3	1
400332	M16	1	1
182780	M16	3	1
182781	M20	1	1



TF



Nº	G (")	L (m)	P
583550	1/2	2	1
583560	3/4	2	1
583570	1	2	1





ST



Nº	MxL (mm)	P
593430	M8x20	1
400336	M8x25	1
400337	M8x40	1
400338	M8x60	1
593465	M8x70	1
400340	M8x80	1
593475	M8x90	1
400342	M8x100	1
593476	M8x120	1
593477	M8x150	1
593478	M8x200	1
400345	M10x25	1
400346	M10x40	1
400347	M10x60	1
593495	M10x70	1
400349	M10x80	1
593505	M10x90	1
400351	M10x100	1
593515	M10x120	1
593516	M10x150	1
400354	M12x25	1
400355	M12x40	1
400356	M12x70	1
400357	M12x80	1
400359	M12x100	1

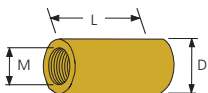
STF

Nº	MxL (mm)	P
593430	M8x20	1
593440	M8x30	1
593450	M8x50	1
593480	M10x40	1
593490	M10x50	1
593520	M12x50	1



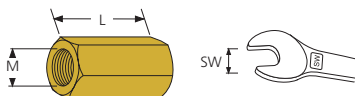


EM



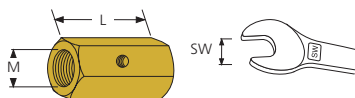
Nº	M	L (mm)	D (mm)	P
592300	M6	30	10	1
592310	M8	30	11	1
592320	M10	30	13	1
592330	M12	30	15	1
592331	M16	40	22	1

EM-HEX



Nº	M	L (mm)	SW (mm)	P
592305	M6	30	10	1
592340	M8	30	13	1
592350	M10	30	13	1
592335	M12	30	17	1
592336	M16	30	24	1
592337	M20	40	30	1

EM HEXI

**NEW**

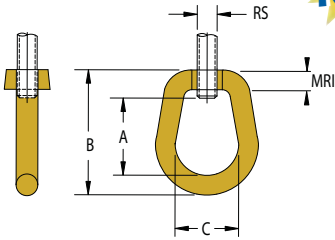
Nº	M	L (mm)	SW (mm)	P
592355	M8	30	13	1
592356	M10	30	17	1
592357	M12	30	19	1
592358	M16	32	24	1
592359	M20	40	30	1





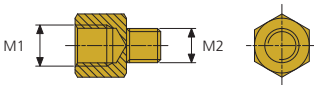
FEN

NEW



Nº	RS	A (mm)	B (mm)	C (mm)	MRI		P
402272	M8	44	80	25	16	3300	1
402273	M10	44	80	25	16	5500	1
402274	M12	43	80	38	19	10000	1
402275	M16	43	80	38	19	16000	1

RMF



Nº	M1xM2	P
583710	M6 x M8	1
583720	M8 x M6	1
583730	M8 x M10	1
583740	M8 x M12	1
583750	M10 x M8	1
583760	M10 x M12	1
583770	M12 x M8	1
583780	M12 x M10	1

RFF



Nº	M1xM2	P
583870	M8xM10	1
583880	M8xM12	1
583890	M10xM12	1



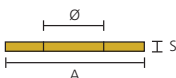
HM

DIN 934
ISO 4032

Nº	M	P
592040	M6	1
592050	M8	1
592060	M10	1
592070	M12	1
400444	M16	1
182784	M20	1

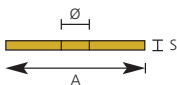


MU

DIN 125
ISO 7089

Nº	\varnothing (mm)	A (mm)	S (mm)	P
592390	8,4	12	1.6	1
592400	8,4	16	1.6	1
592410	10,5	20	2.0	1
592420	13	24	2.5	1
400448	17	30	3.0	1
182787	19	34	3.0	1

WSL KARO

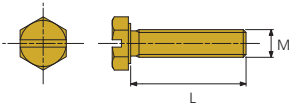


Nº	\varnothing (mm)	A (mm)	S (mm)	P
585200	6,2	28	2	1
584596	8,4	28	2	1
584597	10,5	28	2	1
584598	8,4	35	3	1
584599	10,5	35	3	1
584600	8,4	40	3	1
584610	10,5	40	3	1
584611	13,0	40	3	1
584612	17,0	40	3	1
584613	22,0	60	4	1



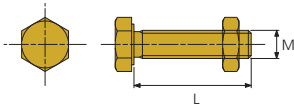


THMF



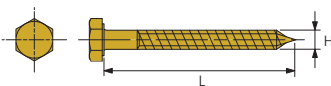
Nº	MxL	P
592850	M8x16	1
592860	M10x25	1
592870	M10x30	1

BNS



Nº	MxL	P
400360	M5x15	1
400361	M6x20	1
400362	M8x25	1

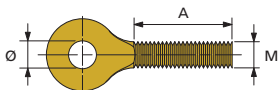
HWB



Nº	HxL	P
400404	H8x50	1
400405	H8x65	1
400406	H8x80	1
400407	H10x100	1

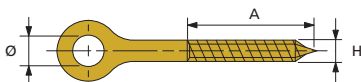


LS-M



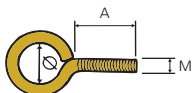
Nº	M	Ø (mm)	A (mm)	P
195854	M6	7,0	20	1
195856	M8	8,5	25	1

LS-H



Nº	H	Ø (mm)	A (mm)	P
401130	H6	8,75	32	1

OSM



Nº	M	Ø (mm)	A (mm)	P
336050	M8	12	25	1
336060	M10	14	30	1



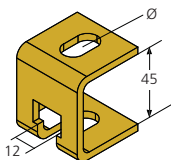


UMC

Nº	M	P
400735	M8	1
400736	M10	1



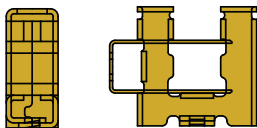
AB-C



Nº	Ø (mm)	P
589300	10,5	1



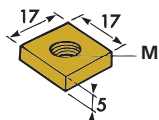
ISN



Nº	M		P
187340	M6	550	1
187350	M8	660	1
187360	M10	660	1



VKM



Nº	M	P
187310	M6	1
187320	M8	1
187330	M10	1



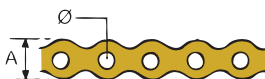


SB

Nº	M	L (mm)	P
588380	M8	15	1
588381	M8	25	1
588382	M8	35	1
588383	M8	45	1
588384	M8	55	1



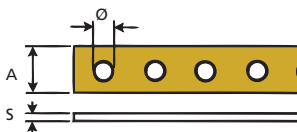
ABP



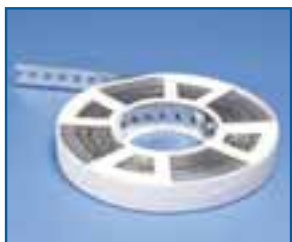
Nº	A x S	Ø (mm)	L (m)	P
583920	12x0,8	5	10	3
583930	17x0,8	7	10	3
583940	26x1,0	8	10	3



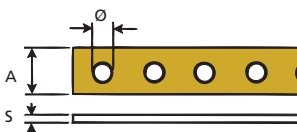
SBP



Nº	WxT	Ø (mm)	L (m)	P
400429	17x1,0	6,5	10	1
401131	25x1,0	8,5	10	1



SBP-C



Nº	WxT	Ø (mm)	L (m)	P
400430	19x3,0	6,5	10	11
401132	27x3,0	8,5	10	11





FPN

217



UPN

217



CF

217



CL

218



CA

218



LA

218



TCA / LA

219



PWM / PWN

219



PWMS / PWNS

219



MTGB

220



MTVB

220



MTGD

220



MFP

221



MFV

221



TRM

221



MFT

222



SAB

222



VMU

223



VMU-A

223



VMU-AH

224



VMU-IGH

224



VMU-SH

225



VM-X

225



VMP-345

225



V-P

226



VA

226



V-IG

227



RB

227



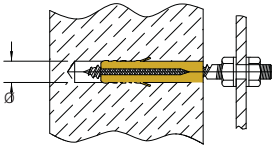
VM-AP

227





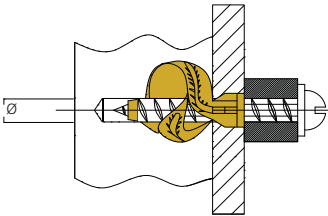
FPN



Nº	Ø (mm)	P
570700	5	5
570710	6	5
570720	8	5
570730	10	5
570740	12	5
400721	16	5



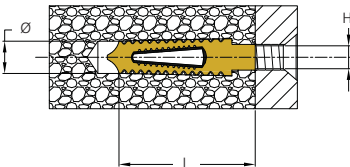
UPN



Nº	Ø (mm)	P
570750	6	5
570760	8	5
570770	10	5
570780	12	5



CF

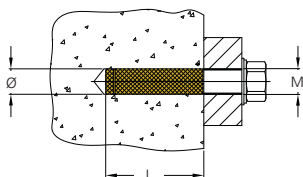


Nº	Ø (mm)	H (mm)	L (mm)	P
593210	10	H8	38	1
400424	10	H8	60	1
593220	12	H10	60	1



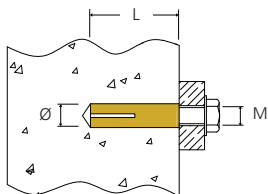


CL



Nº	Ø (mm)	M	L (mm)	P
593090	8	M6	30	8
593100	11	M8	40	8
593110	13	M10	40	8

CA



Nº	Ø (mm)	M	L (mm)	P
593190	10	M8	30	1
593195	10	M8	40	1
593200	12	M10	40	1
400415	15	M12	50	1
400416	20	M16	65	1
593205	25	M20	80	1

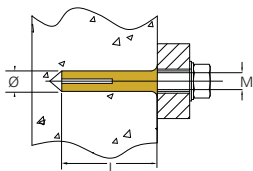
M10-M20



M8-M20



LA



Nº	Ø (mm)	M	L (mm)	P
589890	8	M6	25	1
574410	10	M8	30	1
574420	12	M10	40	1
574430	15	M12	50	1
589895	20	M16	65	1
589900	25	M20	80	1





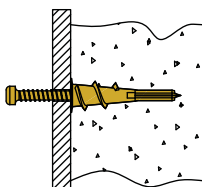
TCA/LA



Nº	M	P
593150	6	1
593160	8	1
593170	10	1
400420	12	1
400421	16	1

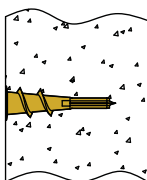


PWM/PWN



Nº	P
571270	1
571290	5

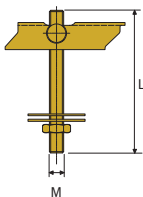
PWMS/PWNS



Nº	P
571280	1
571300	5

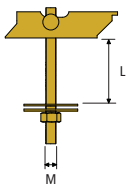


MTGB



N°	M	L	P	
584440	M8	100	1	

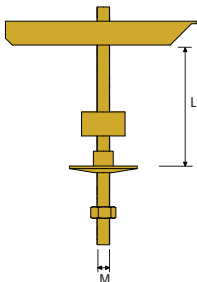
MTVB



N°	VdS/FM	M	L	P
584455	VdS	M8	100	1
584465	VdS/FM	M10	100	1



MTGD

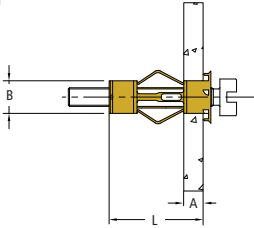


N°	MxL	P
584460	M10x95	1



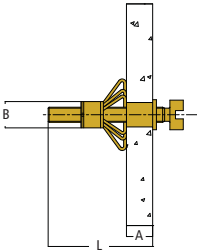


MFP



Nº	A (mm)	BxL (mm)	P
571400	10	4x33	1
571410	12	5x37	1
571420	12	5x50	1
571430	12	5x65	1
571440	12	6x40	1
571450	12	6x50	1

MFV



Nº	A (mm)	BxL (mm)	P
571460	10	4x33	1
571470	12	5x37	1
571480	12	5x50	1
571490	12	5x65	1
571500	12	6x40	1
571510	12	6x50	1

TRM

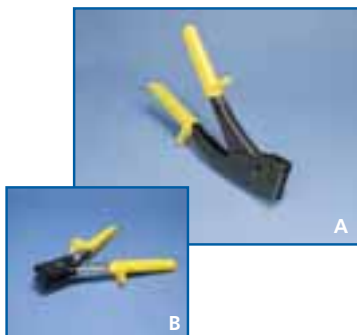
Nº	M	L	P
571320	4	40	1
571330	4	53	1
571340	5	43	1
571350	5	67	1
571360	5	82	1
571370	6	43	1
571380	6	57	1
571390	6	82	1



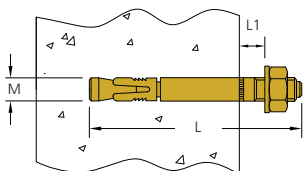


MFT

Nº	A/B
571520	A
571530	B



SAB



Nº	M	L (mm)	L1 (mm)	P
400408	8	75	10	1
400409	8	115	50	1
400410	10	90	10	1
400411	10	139	50	1
402170	12	110	15	1
401158	12	145	50	1
401159	12	180	85	1
402171	16	145	25	1
402446	20	165	30	1

M10-M20



M8-M16



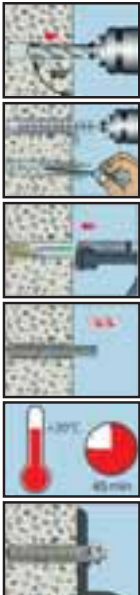
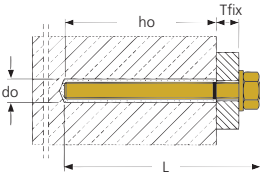


VMU

N°	ML	ETA
403276	150	ETA
403277	345	ETA



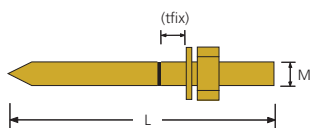
VMU-A



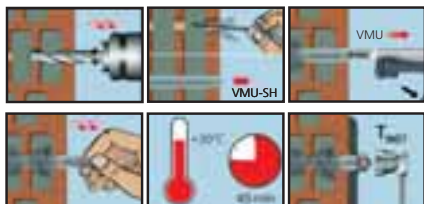
N°	M	L (mm)	L1 (tfix) (mm)	doxho (mm)	P
403285	M8	100	10	10x80	1
403286	M8	110	20	10x80	1
403287	M8	130	40	10x80	1
403288	M8	145	45	10x80	1
403289	M8	160	70	10x80	1
403290	M8	205	115	10x80	1
403291	M10	110	10	12x90	1
403292	M10	130	30	12x90	1
403293	M10	150	50	12x90	1
403294	M10	165	65	12x90	1
403295	M10	190	90	12x90	1
403296	M10	260	160	12x90	1
403297	M12	135	10	14x110	1
403298	M12	155	30	14x110	1
403299	M12	175	50	14x110	1
403300	M12	210	85	14x110	1
403301	M12	250	125	14x110	1
403302	M12	300	175	14x110	1
403303	M16	160	15	18x125	1
403304	M16	175	30	18x125	1
403305	M16	205	60	18x125	1
403306	M16	235	90	18x125	1
403307	M16	300	155	18x125	1
403308	M8	100	10	10x80	2
403309	M8	110	20	10x80	2
403310	M8	130	40	10x80	2
403311	M8	145	45	10x80	2
403312	M8	160	70	10x80	2
403313	M8	205	115	10x80	2
403314	M10	110	10	12x90	2
403315	M10	130	30	12x90	2
403316	M10	150	50	12x90	2
403317	M10	165	65	12x90	2
403318	M10	190	90	12x90	2
403319	M10	260	160	12x90	2
403320	M12	135	10	14x110	2
403321	M12	155	30	14x110	2
403322	M12	175	50	14x110	2
403323	M12	210	85	14x110	2
403324	M12	250	125	14x110	2
403325	M12	300	175	14x110	2
403326	M16	160	15	18x125	2
403327	M16	175	30	18x125	2
403328	M16	205	60	18x125	2
403329	M16	235	90	18x125	2
403330	M16	300	155	18x125	2



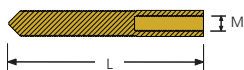
VMU-AH



N°	M	L (mm)	(tfix) (mm)	P
403331	M12	120	15	1
403332	M12	130	25	1
403333	M12	155	50	1
403334	M12	185	80	1
403335	M12	225	120	1
403336	M12	265	160	1
403337	M12	120	15	2
403338	M12	130	25	2
403339	M12	155	50	2
403340	M12	185	80	2
403341	M12	225	120	2
403342	M12	265	160	2



VMU-IGH



N°	M	L (mm)	s (mm)	P
403343	IG M6	93	20	1
403344	IG M8	93	20	1
403345	IG M6	93	20	2
403346	IG M8	93	20	2



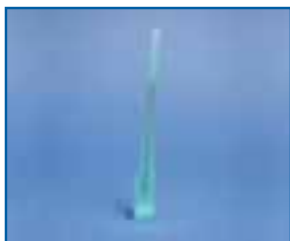


VMU-SH



N°	M	L (mm)	do (mm)	P
403347	M8	105	14	12
403348	M10-M12+ IG M6-IG M8	105	16	12

VM-X



N°	
403278	
403279	+200 mm

VMP-345



N°	ml
403280	345
403281	150+345

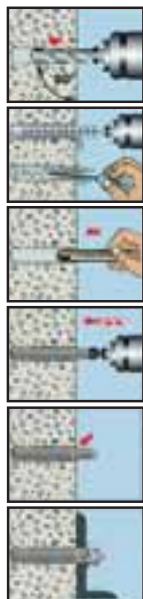
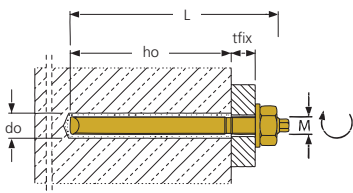


V-P

N°	M	ETA
403349	M8	ETA
403350	M10	ETA
403351	M12 + IG M8	ETA
403352	IG M10	
403353	M16 + IG M12	ETA
403354	IG M16	



V-A

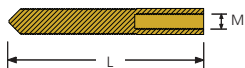


N°	M		L (mm)	(tfix) (mm)	doxho (mm)	P
403355	M8	403349	110	20	10x80	1
403356	M8	403349	150	60	10x80	1
403357	M10	403350	115	15	12x90	1
403358	M10	403350	130	30	12x90	1
403359	M10	403350	165	65	12x90	1
403360	M10	403350	190	90	12x90	1
403361	M10	403350	250	150	12x90	1
403362	M12	403351	135	10	14x110	1
403363	M12	403351	160	35	14x110	1
403364	M12	403351	220	95	14x110	1
403365	M12	403351	250	125	14x110	1
403366	M12	403351	300	175	14x110	1
403367	M16	403353	160	20	18x125	1
403368	M16	403353	190	45	18x125	1
403369	M16	403353	230	85	18x125	1
403370	M16	403353	250	105	18x125	1
403371	M16	403353	300	155	18x125	1
403372	M8	403349	110	20	10x80	2
403373	M8	403349	150	60	10x80	2
403374	M10	403350	115	15	12x90	2
403375	M10	403350	130	30	12x90	2
403376	M10	403350	165	65	12x90	2
403377	M10	403350	190	90	12x90	2
403378	M10	403350	250	150	12x90	2
403379	M12	403351	135	10	14x110	2
403380	M12	403351	160	35	14x110	2
403381	M12	403351	220	95	14x110	2
403382	M12	403351	250	125	14x110	2
403383	M12	403351	300	175	14x110	2
403384	M16	403353	160	20	18x125	2
403385	M16	403353	190	45	18x125	2
403386	M16	403353	230	85	18x125	2
403387	M16	403353	250	105	18x125	2
403388	M16	403353	300	155	18x125	2
403389	M8	403349	110	20	10x80	3
403390	M10	403350	130	30	12x90	3
403391	M10	403350	190	90	12x90	3
403392	M12	403351	160	35	14x110	3
403393	M12	403351	220	95	14x110	3
403394	M16	403353	160	20	18x125	3
403395	M16	403353	190	45	18x125	3
403396	M16	403353	210	65	18x125	3





V-IG



Nº	M	L (mm)	s (mm)	do (mm)	P	
403397	IG M8	90	25	14	1	403351
403398	IG M10	90	30	16	1	403352
403399	IG M12	100	35	18	1	403353
403400	IG M16	120	40	25	1	403354
403401	IG M8	90	25	14	2	403351
403402	IG M10	90	30	16	2	403352
403403	IG M12	100	35	18	2	403353
403404	IG M16	120	40	25	2	403354

RB

Nº	Ø (mm)	do (mm)
403282	14	8-13
403283	18	14-18



VM-AP

Nº	Ø (mm)	RS
403284	10-18	M8-M16







PF ZIN

230



PBF

230



RTU

231



RTUL

231



C-FIX SW

231



PESMO

232

NEW



PESHO

232

NEW



PESMOS

233

NEW



PESHOS

233

NEW



PESMT

234

NEW



PESHT

234

NEW



PESMTS

235

NEW



PESHTS

235

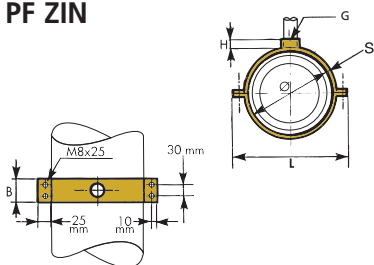
NEW



HDPC AB

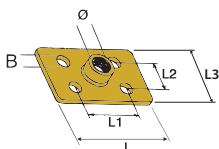
236

PF ZIN



N°	Ø (")	Ø (mm)	G (")	BxS (mm)	H (mm)	L (mm)	P
588730	1/2	20-25	1/2	55x4	15	72	1
588740	3/4	26-31	1/2	55x4	15	80	1
588750	1	32-39	1/2	55x4	15	90	1
588760	1 1/4	40-45	1/2	55x4	15	98	1
588770	1 1/2	46-52	1/2	55x4	15	103	1
588780		53-59	3/4	55x4	17	107	1
588790	2	60-66	3/4	55x4	17	115	1
588800		67-72	3/4	55x4	17	125	1
588810	2 1/2	73-78	1	55x4	20	135	1
588820		79-86	1	55x4	20	145	1
588830	3	87-93	1	55x4	20	147	1
588840		94-102	1	55x4	20	159	1
588850		103-111	1	55x4	20	163	1
588860	4	112-120	1	55x4	20	185	1
588870		121-128	1	55x4	20	185	1
588880		129-135	1	55x4	20	188	1
588890	5	136-142	1	55x4	20	195	1
588900		157-165	1	60x5	20	223	1
588910	8	219	1	60x5	20	292	1

PBF

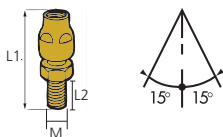


N°	Ø (")	B (mm)	L (mm)	L1 (mm)	L2 (mm)	L3 (mm)	P
587450	1/2	11x17	130	100	44	75	1
587460	3/4	11x17	130	100	44	75	1
587470	1	11x17	130	100	44	75	1



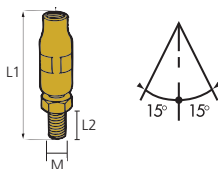


RTU



Nº	M	L1 (mm)	L2 (mm)	P
583580	M8	56	15	1
583590	M10	75	18	1
583630	M10	85	30	1
583640	M10	115	60	1

RTU L



Nº	M	L1 (mm)	L2 (mm)	P
583600	M8	66	15	1
583610	M10	85	18	1
583620	M12	95	20	1

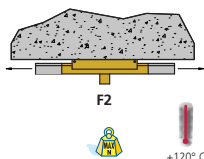
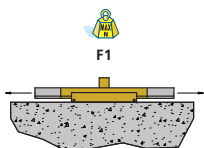
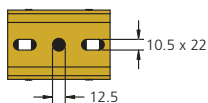
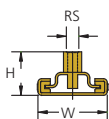
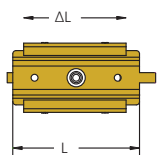
C-FIX SW



Nº	M	P
584657	8	1
584658	10	1



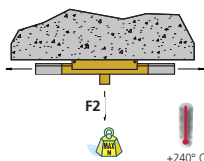
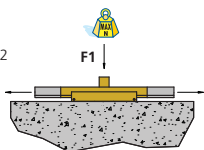
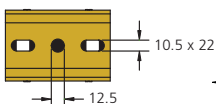
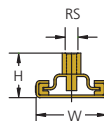
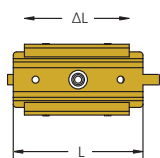
PESMO



$\mu_0=0,18$
 $\mu=0,14$

N°			RS	ΔL (mm)	H (mm)	L (mm)	W (mm)	F1	F2	P
580560	PESMO	120° C	M10/M12	80	42	122	67	2300	2300	1

PESHO



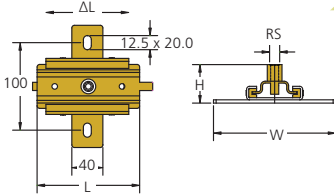
$\mu_0=0,18$
 $\mu=0,14$

N°			RS	ΔL (mm)	H (mm)	L (mm)	W (mm)	F1	F2	P
580564	PESHO	240° C	M12/M16	120	51	150	100	9000	5000	1





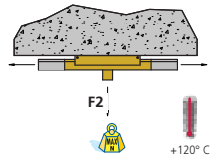
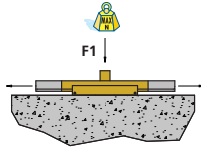
PESMOS



NEW

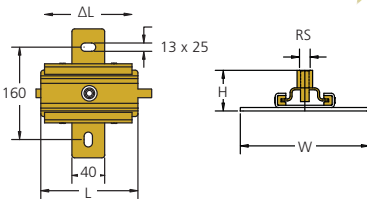


$\mu_0=0,18$
 $\mu=0,14$



N°			RS	ΔL (mm)	H (mm)	L (mm)	W (mm)	F1	F2	P
580561	PESMOS	120° C	M10/M12	80	46	122	150	2300	2300	1

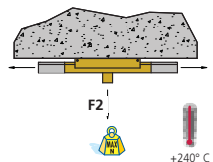
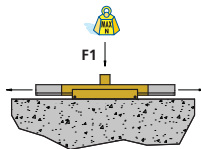
PESHOS



NEW



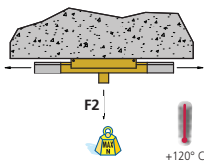
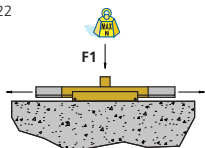
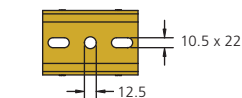
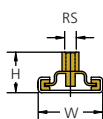
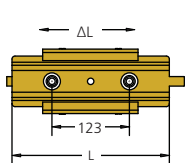
$\mu_0=0,18$
 $\mu=0,14$



N°			RS	ΔL (mm)	H (mm)	L (mm)	W (mm)	F1	F2	P
580565	PESHOS	240° C	M12/M16	120	57	150	188	9000	5000	1



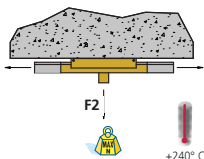
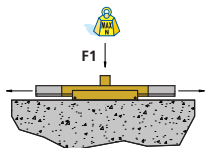
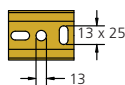
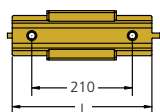
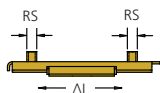
PESMT



$\mu_0=0,18$
 $\mu=0,14$

N°			RS	ΔL (mm)	H (mm)	L (mm)	W (mm)	F1	F2	P
580562	PESMT	120° C	M10/M12	140	42	165	67	2300	2300	1

PESHT



$\mu_0=0,18$
 $\mu=0,14$

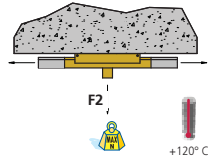
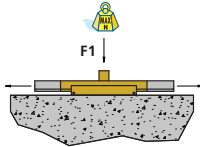
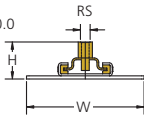
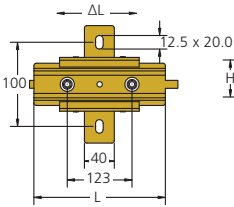
N°			RS	ΔL (mm)	H (mm)	L (mm)	W (mm)	F1	F2	P
580566	PESHT	240° C	M12/M16	245	51	275	100	9000	5000	1





PESMTS

NEW

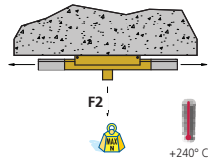
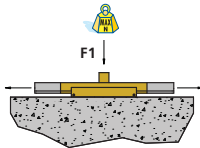
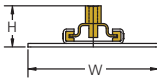
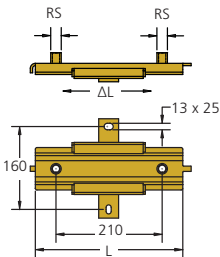


$\mu_0=0,18$
 $\mu=0,14$

N ^o			RS	Δ L (mm)	H (mm)	L (mm)	W (mm)	F1	F2	P
580563	PESMTS	120° C	M10/M12	140	46	165	150	2300	2300	1

PESHTS

NEW

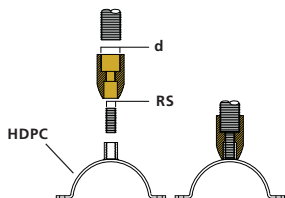


$\mu_0=0,18$
 $\mu=0,14$

N ^o			RS	Δ L (mm)	H (mm)	L (mm)	W (mm)	F1	F2	P
580567	PESHTS	240° C	M12/M16	245	57	275	188	9000	5000	1



HDPC AB

NEW

Nº	RS	d (")	P
402163	M10	1/2	1
402164	M12	1/2	1
402165	M12	3/4	1
402166	M12	1	1
402167	M16	1/2	1
402168	M16	3/4	1
402169	M16	1	1



**SBFF**

238

**SBMF**

238

**SGBC**

238

**SBMK**

239

**SBFK**

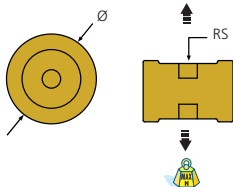
239

**IHT**

239



SBFF

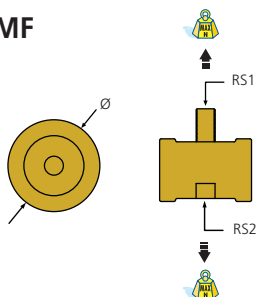


N ^o	RS	Ø (mm)	P	
588440	M8-M8	39	1	1500
588430	M6-M6	39	1	1500



-30°/+90°

SBMF

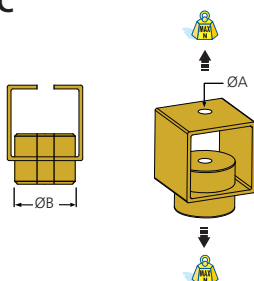


N ^o	RS1	RS2	Ø (mm)	P	
588560	M8	M8	39	1	1500
588570	M8	M10	39	1	1500
588580	M10	M10	39	1	1500



-30°/+90°

SGBC



N ^o	Ø A (mm)	Ø B (mm)	P	
588500	18.3	80	1	7000

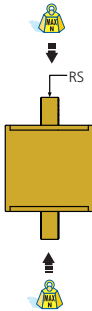
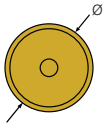


-30°/+90°





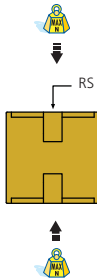
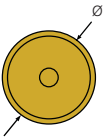
SBMK



-30°/+90°

N°	RS	Ø (mm)	P	Icon
588610	M8-M8	40	1	600

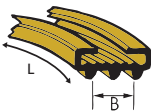
SBFK



-30°/+90°

N°	RS	Ø (mm)	P	Icon
588620	M8-M8	40	1	600

IHT



N°	B (mm)	L (m)
578680	20	30
578690	25	30
578695	30	30
578700	40	30



B2
DIN EN
13501-
1-E



-40°/+220°





SIT-CLIM

242



SIT

243



SIT PH

244

NEW

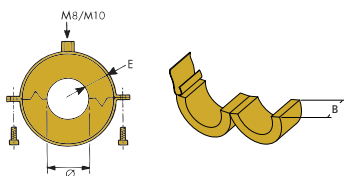
CADDY® ISOL

245



18

SIT-CLIM



-40°/+80°

Nº	Ø (mm)	Ø (")	B (mm)	E (mm)	P
580091	10		50	13	9+1
580092	12		50	13	9+1
580093	15		50	13	9+1
580100	17	3/8	50	13	9+1
580105	18		50	13	9+1
580110	21	1/2	50	13	9+1
580111	22		50	13	9+1
580112	25		50	13	9+1
580120	27	3/4	50	13	9+1
580121	28		50	13	9+1
580122	30		50	13	9+1
580130	34	1	50	13	9+1
580135	35		50	13	9+1
580140	42	1-1/4	50	13	9+1
580145	44,5		50	13	9+1
580150	49	1-1/2	50	13	9+1
580151	54		50	13	9+1
580152	58		50	13	9+1
580160	60	2	50	13	9+1
580170	64		50	13	9+1
581600	70		50	13	9+1
581610	76	2-1/2	50	13	9+1
581620	89	3	50	13	9+1
581630	102		50	13	9+1
581640	108		50	13	9+1
581650	114	4	50	13	9+1

Nº	Ø (mm)	Ø (")	B (mm)	E (mm)	P
580270	10		50	19	9+1
580280	12		50	19	9+1
580290	15		50	19	9+1
580300	17	3/8	50	19	9+1
580305	18		50	19	9+1
580310	21	1/2	50	19	9+1
580311	22		50	19	9+1
580312	25		50	19	9+1
580320	27	3/4	50	19	9+1
580321	28		50	19	9+1
580322	30		50	19	9+1
580330	34	1	50	19	9+1
580335	35		50	19	9+1
580340	42	1-1/4	50	19	9+1
580345	44,5		50	19	9+1
580350	49	1-1/2	50	19	9+1
580351	54		50	19	9+1
580352	57		50	19	9+1
580360	60	2	50	19	9+1
580365	64		50	19	9+1
581660	70		50	19	9+1
581670	76	2-1/2	50	19	9+1
581680	89	3	50	19	9+1
581690	102		50	19	9+1
581700	108		50	19	9+1
581710	114	4	50	19	9+1
581715	125		50	19	9+1
581720	133		50	19	9+1
581725	139,7	5	50	19	9+1
581730	160		50	19	9+1
581735	168,3	6	50	19	9+1

$\lambda = 0,028 \text{ W/M} \cdot \text{°C}$ (a 10°C)

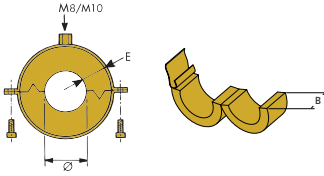
$P = 80 \text{ kg/m}^3$

$M > 7000$





SIT



N°	Ø (mm)	Ø (")	E (mm)	B (mm)	P
580595	15		25	75	14+1
580600	21	1/2	25	75	14+1
580605	22		25	75	14+1
580610	27	3/4	25	75	14+1
580615	28		25	75	14+1
580620	34	1	25	75	14+1
580625	35		25	75	14+1
580630	42	1-1/4	25	75	14+1
580640	49	1-1/2	25	75	14+1
580645	54		25	75	14+1
580650	60	2	25	75	14+1
580655	67		25	75	14+1
580660	70		25	75	14+1
580670	76	2-1/2	25	75	14+1
580675	80		25	75	14+1
580680	89	3	25	75	14+1
580685	93		25	75	14+1
580690	102		25	75	14+1
580700	108		25	75	14+1
580710	114	4	25	100	14+1
580720	133		25	100	14+1
580730	140	5	25	100	14+1
580740	159		25	100	14+1
580750	168	6	25	100	14+1

N°	Ø (mm)	Ø (")	E (mm)	B (mm)	P
580990	15		30	75	14+1
581000	21	1/2	30	75	14+1
581005	22		30	75	14+1
581010	27	3/4	30	75	14+1
581015	28		30	75	14+1
581020	34	1	30	75	14+1
581025	35		30	75	14+1
581030	42	1-1/4	30	75	14+1
581040	49	1-1/2	30	75	14+1
581045	54		30	75	14+1
581050	60	2	30	75	14+1
581055	67		30	75	14+1
581060	70		30	75	14+1
581070	76	2-1/2	30	75	14+1
581075	80		30	75	14+1
581080	89	3	30	75	14+1
581085	93		30	75	14+1
581090	102		30	75	14+1
581100	108		30	75	14+1
581110	114	4	30	75	14+1
581120	133		30	100	14+1
581130	140	5	30	100	14+1
581140	159		30	100	14+1
581150	168	6	30	100	14+1


 $\lambda = 0,028 \text{ W/M} \cdot \text{°C}$ (a 10°C)

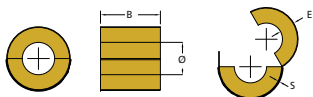
 $P = 80 \text{ kg/m}^3$
 $M > 10.000.000$

N°	Ø (mm)	Ø (")	E (mm)	B (mm)	P
581390	15		40	75	14+1
581400	21	1/2	40	75	14+1
581405	22		40	75	14+1
581410	27	3/4	40	75	14+1
581415	28		40	75	14+1
581420	34	1	40	75	14+1
581425	35		40	75	14+1
581430	42	1-1/4	40	75	14+1
581440	49	1-1/2	40	75	14+1
581445	54		40	75	14+1
581450	60	2	40	75	14+1
581455	67		40	75	14+1
581460	70		40	75	14+1
581470	76	2-1/2	40	75	14+1
581475	80		40	75	14+1
581480	89	3	40	75	14+1
581485	93		40	75	14+1
581490	102		40	75	14+1
581500	108		40	75	14+1
581510	114	4	40	75	14+1
581520	133		40	100	14+1
581540	140	5	40	100	14+1
581550	159		40	100	14+1
581530	168	6	40	100	14+1

N°	Ø (mm)	Ø (")	E (mm)	B (mm)	P
402172	76	2-1/2	50	75	14+1
402173	80		50	75	14+1
402174	89	3	50	75	14+1
402175	93		50	75	14+1
402176	102		50	75	14+1
402177	108		50	75	14+1
402178	114	4	50	75	14+1
402179	133		50	100	14+1
402180	140	5	50	100	14+1
402181	159		50	100	14+1
402182	168	6	50	100	14+1



SIT PH



NEW


 $\lambda = 0,030-0,032$
 W/M.°C (a 10°C)


-180°/+120°

N°	Ø (mm)	E (mm)	B (mm)	Kg/m ³	s (mm)	P
402280	15	15	100	80	-	15
402281	15	20	100	80	-	15
402282	15	25	100	80	-	15
402283	15	30	100	80	-	15
402284	15	40	100	80	-	15
402285	15	50	100	80	-	15
402290	21-22	15	100	80	-	15
402291	21-22	20	100	80	-	15
402292	21-22	25	100	80	-	15
402293	21-22	30	100	80	-	15
402294	21-22	40	100	80	-	15
402295	21-22	50	100	80	-	15
402300	27-28	15	100	80	-	15
402301	27-28	20	100	80	-	15
402302	27-28	25	100	80	-	15
402303	27-28	30	100	80	-	15
402304	27-28	40	100	80	-	15
402305	27-28	50	100	80	-	15
402310	34-35	15	100	80	-	15
402311	34-35	20	100	80	-	15
402312	34-35	25	100	80	-	15
402313	34-35	30	100	80	-	15
402314	34-35	40	100	80	-	15
402315	34-35	50	100	80	-	15
402320	42	15	100	80	-	15
402321	42	20	100	80	-	15
402322	42	25	100	80	-	15
402323	42	30	100	80	-	15
402324	42	40	100	80	-	15
402325	42	50	100	80	-	15
402330	48	15	100	80	0.9	15+1
402331	48	20	100	80	0.9	15+1
402332	48	25	100	80	0.9	15+1
402333	48	30	100	80	0.9	15+1
402334	48	40	100	80	0.9	15+1
402335	48	50	100	80	0.9	15+1
402340	54	15	100	80	0.9	15+1
402341	54	20	100	80	0.9	15+1
402342	54	25	100	80	0.9	15+1
402343	54	30	100	80	0.9	15+1
402344	54	40	100	80	0.9	15+1
402345	54	50	100	80	0.9	15+1
402350	60	15	100	80	0.9	15+1
402351	60	20	100	80	0.9	15+1
402352	60	25	100	80	0.9	15+1
402353	60	30	100	80	0.9	15+1
402354	60	40	100	80	0.9	15+1
402355	60	50	100	80	0.9	15+1
402360	66	15	100	80	0.9	15+1
402361	66	20	100	80	0.9	15+1
402362	66	25	100	80	0.9	15+1

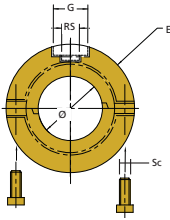
N°	Ø (mm)	E (mm)	B (mm)	Kg/m ³	s (mm)	P
402363	66	30	100	80	0.9	15+1
402364	66	40	100	80	0.9	15+1
402365	66	50	100	80	0.9	15+1
402370	76	15	100	80	0.9	15+1
402371	76	20	100	80	0.9	15+1
402372	76	25	100	80	0.9	15+1
402373	76	30	100	80	0.9	15+1
402374	76	40	100	80	0.9	15+1
402375	76	50	100	80	0.9	15+1
402380	89	15	100	80	0.9	15+1
402381	89	20	100	80	0.9	15+1
402382	89	25	100	80	0.9	15+1
402383	89	30	100	80	0.9	15+1
402384	89	40	100	80	0.9	15+1
402385	89	50	100	80	0.9	15+1
402390	114	15	100	80	0.9	15+1
402391	114	20	100	80	0.9	15+1
402392	114	25	100	80	0.9	15+1
402393	114	30	100	80	0.9	15+1
402394	114	40	100	80	0.9	15+1
402395	114	50	100	80	0.9	15+1
402400	133	15	100	80	0.9	15+1
402401	133	20	100	80	0.9	15+1
402402	133	25	100	80	0.9	15+1
402403	133	30	100	80	0.9	15+1
402404	133	40	100	80	0.9	15+1
402405	133	50	100	80	0.9	15+1
402410	140	15	100	80	0.9	15+1
402411	140	20	100	80	0.9	15+1
402412	140	25	100	80	0.9	15+1
402413	140	30	100	80	0.9	15+1
402414	140	40	100	80	0.9	15+1
402415	140	50	100	80	0.9	15+1
402420	159	15	100	80	0.9	15+1
402421	159	20	100	80	0.9	15+1
402422	159	25	100	80	0.9	15+1
402423	159	30	100	80	0.9	15+1
402424	159	40	100	80	0.9	15+1
402425	159	50	100	80	0.9	15+1
402430	168	15	125	120	1.5	15+1
402431	168	20	125	120	1.5	15+1
402432	168	25	125	120	1.5	15+1
402433	168	30	125	120	1.5	15+1
402434	168	40	125	120	1.5	15+1
402435	168	50	125	120	1.5	15+1
402440	219	15	125	120	1.5	15+1
402441	219	20	125	120	1.5	15+1
402442	219	25	125	120	1.5	15+1
402443	219	30	125	120	1.5	15+1
402444	219	40	125	120	1.5	15+1
402445	219	50	125	120	1.5	15+1





CADDY® ISOL

NEW



-100°/+100°

N°	Ø (")	d (mm)	E	B	G/RS	Sc	P	
142420	3/8	17.2	30	40	1/2" / M8	M6	9+1	210
142430	1/2	21.3	30	40	1/2" / M8	M6	9+1	260
142390		22	30	40	1/2" / M8	M6	9+1	260
142440	3/4	26.9	30	40	1/2" / M8	M6	9+1	320
142400		28	30	40	1/2" / M8	M6	9+1	320
142450	1	33.7	30	40	1/2" / M8	M6	9+1	400
142620		35	30	40	1/2" / M8	M6	9+1	420
142460	1-1/4	42.4	30	40	1/2" / M8	M6	9+1	510
142470	1-1/2	48.3	30	40	1/2" / M8	M6	9+1	580
142410		54	30	40	1/2" / M8	M6	9+1	620
142480		57	30	40	1/2" / M8	M6	9+1	650
142490	2	60.3	30	40	1/2" / M8	M6	9+1	720
142495		63.5	30	50	1/2" / M8	M6	9+1	770
142500		70	30	50	1/2" / M10	M8	9+1	1260
142510	2-1/2	76.1	30	50	1/2" / M10	M8	9+1	1370
142520	3	88.9	30	50	1/2" / M10	M8	9+1	1600
142530		108	40	60	1/2" / M10	M8	9+1	2590
142540	4	114.3	40	60	1/2" / M10	M8	9+1	2740
142550		133	40	60	1/2" / M10	M8	9+1	3190
142560	5	139.7	40	60	1/2" / M10	M8	9+1	3350
142570		159	40	60	1/2" / M12	M10	9+1	3830
142580	6	168.3	40	60	1/2" / M12	M10	9+1	4040
142590	8	219.1	60	100	1/2" / M16	M10	9+1	5260
142600		273	60	100	M16	Ø M12	9+1	8190
142610		324	60	100	M20	Ø M12	9+1	11600

$\lambda = 0,042 \text{ W/M} \cdot \text{°C}$ (a 10°C)

P = 300-400 kg/m³



**H**

251

**HI**

251

**H-ST**

251

**H-CT**

252

**H-CTB**

252

**H-MA**

253

**H-TI/T**

253

**H-S**

254

**H-SR**

254

**H-MSM**

255

**H-PSM**

255

**EM**

256

**EM-SM**

256

**EM-P**

256

**EM-M**

257



VF

257



VAFT

257



J

258



J-MA

258



J-TI/T

258



SC

259



SCA

260



SCB

260



EBC

261



EBC-MSM

261



EBC-M

261



EBC-P

262



INC8

262



122
















262



122 MA

263



		
122 TI	122 T10	EER
263	263	264
		
EERS	EER-TI/T	EER-MA
264	265	265
		
TDH	TDHP MK2	WDC / WDC-M
266	267	267
		
GTD	PW2	PW2-TI/T
268	268	269
		
4Z34-CTS	K	AB
269	270	270

**TI/T**

270

**B-TI/T**

271

**MAB**

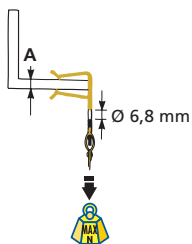
271

**MEBN**

271

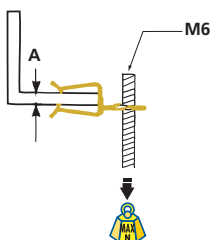


H



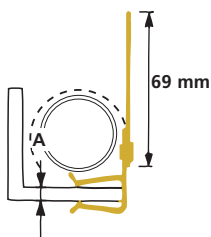
N°		A (mm)	P	
170010	2H4	2-3	21	700
170020	4H24	3-8	21	900
170030	4H58	8-14	21	900
170040	4H912	14-20	21	900

H-I



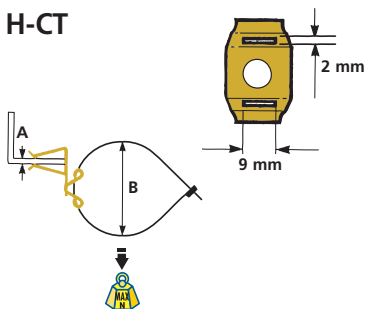
N°		A (mm)	P	
170150	4H24i	3-8	21	150
170250	4H58i	8-14	21	150

H-ST



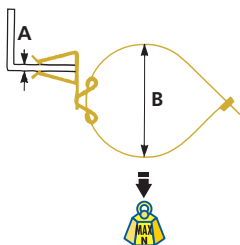
N°		A (mm)	P
173420	2H4ST3	2-3	21
171500	4H24ST3	3-8	21
171530	4H58ST3	8-14	21
171640	4H912ST3	14-20	21

H-CT



N°		A (mm)	B (mm)	P	
178510	2H4CT	2-3	10-70	21	150
178520	4H24CT	3-8	10-70	21	150
178530	4H58CT	8-14	10-70	21	150
178540	4H912CT	14-20	10-70	21	150

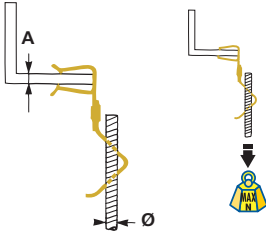
H-CTB



N°		A (mm)	B (mm)	P	
170170	2H4CTBW	2-3	10-70	21	150
170180	4H24CTBW	3-8	10-70	21	150
170190	4H58CTBW	8-14	10-70	21	150
170200	4H912CTBW	14-20	10-70	21	150
170210	2H4CTBB	2-3	10-70	21	150
170220	4H24CTBB	3-8	10-70	21	150
170240	4H58CTBB	8-14	10-70	21	150
170260	4H912CTBB	14-20	10-70	21	150

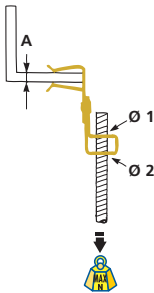


H-MA



N°		A (mm)	Ø (mm)	P	
173270	M8MA4	2-3	M8	21	700
173280	M8MA24	3-8	M8	21	700
173290	M8MA58	8-14	M8	21	700
173300	M8MA912	14-20	M8	21	700
173310	M10MA4	2-3	M10	21	700
173320	M10MA24	3-8	M10	21	700
173330	M10MA58	8-14	M10	21	700
173340	M10MA912	14-20	M10	21	700

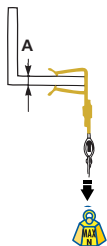
H-TI/T



N°		A (mm)	Ø 1 (mm)	Ø 2 (mm)	P	
174810	M6Ti4	2-3	M6	7	21	700
174820	M6Ti24	3-8	M6	7	21	900
174830	M6Ti58	8-14	M6	7	21	900
174840	M6Ti912	14-20	M6	7	21	900
174900	M8Ti4	2-3	M8	8.5	21	700
174910	M8Ti24	3-8	M8	8.5	21	900
174920	M8Ti58	8-14	M8	8.5	21	900
174930	M8Ti912	14-20	M8	8.5	21	900
174990	M10Ti4	2-3	M10	11	21	700
175000	M10Ti24	3-8	M10	11	21	900
175010	M10Ti58	8-14	M10	11	21	900
175020	M10Ti912	14-20	M10	11	21	900
160000	TI04	2-3	11	11	21	700
160010	TI024	3-8	11	11	21	900
160020	TI058	8-14	11	11	21	900
160030	TI0912	14-20	11	11	21	900

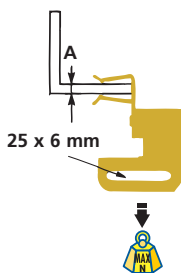


H-S



N°		A (mm)	P	
175480	S4	2-3	21	700
172030	S24	3-8	21	900
171760	S58	8-14	21	900
171770	S912	14-20	21	900

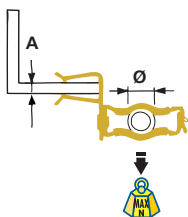
H-SR



N°		A (mm)	P	
175540	SR4	2-3	21	700
171810	SR24	3-8	21	900
175550	SR58	8-14	21	900
172020	SR912	14-20	21	900

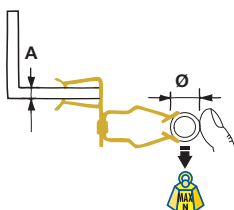


H-MSM



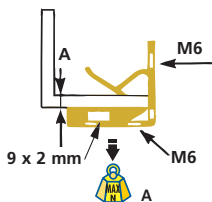
N ^o		A (mm)	Ø (mm)	P	
160040	812M4SM	2-3	18-30	21	120
160050	812M24SM	3-8	18-30	21	120
160060	812M58SM	8-14	18-30	21	120
160070	812M912SM	14-20	18-30	21	120

H-PSM



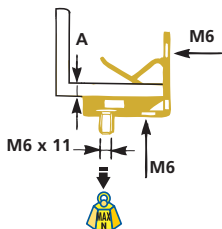
N ^o		A (mm)	Ø (mm)	P	
175210	12P4SM	2-3	22-30	21	70
175220	12P24SM	3-8	22-30	21	70
175230	12P58SM	8-14	22-30	21	70
175240	12P912SM	14-20	22-30	21	70

EM



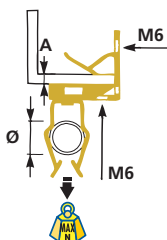
N°		A (mm)	P	
170050	EM24	3-8	21	450
170060	EM58	8-14	21	450
170070	EM912	14-20	21	450

EM-SM



N°		A (mm)	P	
170530	EM24SM	3-8	21	330
172060	EM58SM	8-14	21	330
171850	EM912SM	14-20	21	330

EM-P

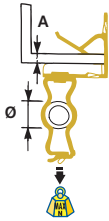


N°		A (mm)	Ø (mm)	P	
172150	8EP24	3-8	18-22	21	110
172160	8EP58	8-14	18-22	21	110
175100	8EP912	14-20	18-22	21	110



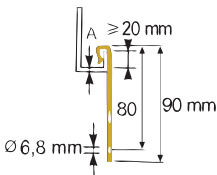


EM-M



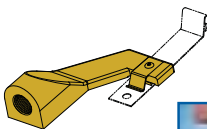
N°		A (mm)	Ø (mm)	P	
160120	812EM24	3-8	18-30	21	330
160130	812EM58	8-14	18-30	21	330
160140	812EM912	14-20	18-30	21	330
171740	16EM24	3-8	30-35	21	330
171490	16EM58	8-14	30-35	21	330
173570	16EM912	14-20	30-35	21	330
171800	20EM24	3-8	35-42	21	330
171950	20EM58	8-14	35-42	21	330
173580	20EM912	14-20	35-42	21	330
171960	24EM24	3-8	42-50	21	330
171970	24EM58	8-14	42-50	21	330
173590	24EM912	14-20	42-50	21	330
173600	32EM24	3-8	50-60	21	330
173610	32EM58	8-14	50-60	21	330
173620	32EM912	14-20	50-60	21	330

VF



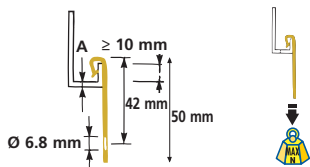
N°		A (mm)	P	
179850	VF	1,5-6	21	600

VAFT



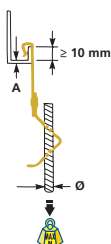
N°	
190330	VAFT

J



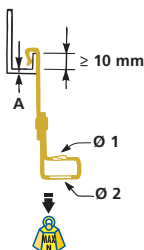
N°		A (mm)	P	
170370	J1	1,5 - 4	21	700
171590	J2	4 - 6,5	21	700

J-MA



N°		A (mm)	Ø (mm)	P	
173360	M8MAJ1	1,5 - 4	M8	21	700
173370	M10MAJ1	1,5 - 4	M10	21	700
173390	M8MAJ2	4 - 6,5	M8	21	700
173400	M10MAJ2	4 - 6,5	M10	21	700

J-TI/T

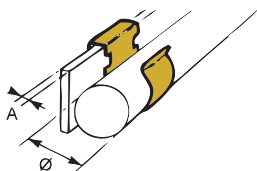


N°		A (mm)	Ø 1 (mm)	Ø 2 (mm)	P	
174960	M8Tij1	1,5 - 4	M8	8,5	21	700
175050	M10Tij1	1,5 - 4	M10	11	21	700
174970	M8Tij2	4 - 6,5	M8	8,5	21	700
175060	M10Tij2	4 - 6,5	M10	11	21	700

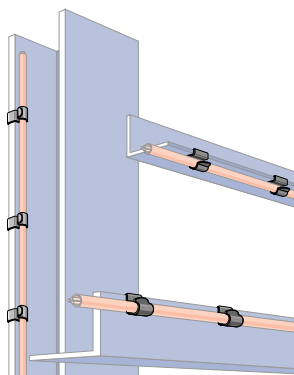
N°		A (mm)	Ø 1-2 (mm)	P	
160220	T10J1	1,5-4	11	21	700
160230	T10J2	4-6,5	11	21	700



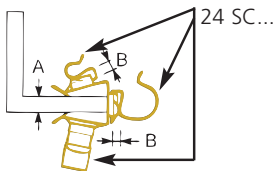
SC



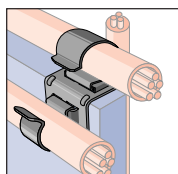
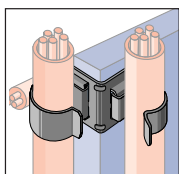
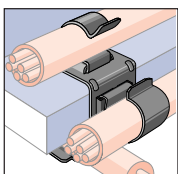
Nº		A (mm)	Ø (mm)	P
187510	24SC67	2-4	6-7	21
187710	24SC78	2-4	7-8	21
187530	24SC89	2-4	8-9	21
187750	24SC910	2-4	9-10	21
187550	24SC1011	2-4	10-11	21
187570	24SC1214	2-4	12-14	21
187590	24SC1518	2-4	15-18	21
187610	24SC1924	2-4	19-24	21
187630	24SC2530	2-4	25-32	21
187500	47SC67	4-7	6-7	21
187720	47SC78	4-7	7-8	21
187520	47SC89	4-7	8-9	21
187760	47SC910	4-7	9-10	21
187540	47SC1011	4-7	10-11	21
187560	47SC1214	4-7	12-14	21
187580	47SC1518	4-7	15-18	21
187600	47SC1924	4-7	19-24	21
187620	47SC2530	4-7	25-32	21
187640	812SC67	8-12	6-7	21
187730	812SC78	8-12	7-8	21
187650	812SC89	8-12	8-9	21
187770	812SC910	8-12	9-10	21
187660	812SC1011	8-12	10-11	21
187670	812SC1214	8-12	12-14	21
187680	812SC1518	8-12	15-18	21
187690	812SC1924	8-12	19-24	21
187700	812SC2530	8-12	25-32	21



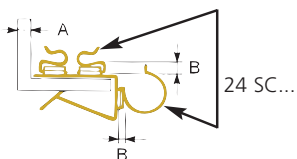
SCA



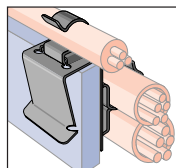
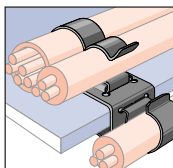
N°		A (mm)	B (mm)	P
160510	SCA	13-20	2-4	21



SCB

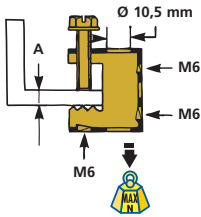


N°		A (mm)	B (mm)	P
188080	SCB312	3-12	2-4	21
188090	SCB1220	12-20	2-4	21



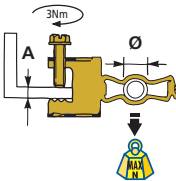


EBC



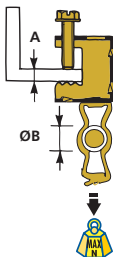
N°		A (mm)	M (mm)	P	
170380	EBC	< 16	6	21	450

EBC-MSM



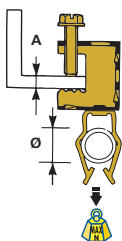
N°		A (mm)	Ø (mm)	P	
160180	EBC812MSM	< 16	18-30	21	110
172660	EBC16MSM	< 16	30-35	21	110
172670	EBC20MSM	< 16	35-42	21	110
172680	EBC24MSM	< 16	42-50	21	110
172690	EBC32MSM	< 16	50-60	21	110


EBC-M



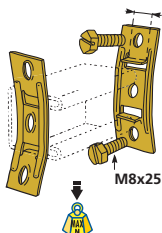
N°		A (mm)	B (mm)	P	
160200	EBC812M	< 16	18-30	21	450
172590	EBC16M	< 16	30-35	21	450
172600	EBC20M	< 16	35-42	21	450
172610	EBC24M	< 16	42-50	21	450
172620	EBC32M	< 16	50-60	21	450


EBC-P



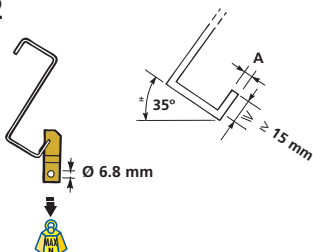
Nº		A (mm)	Ø (mm)	P	
172700	EBC8P	< 16	18-22	21	110
172710	EBC12P	< 16	22-30	21	110
172720	EBC16P	< 16	30-35	21	110


INC8



Nº		A (mm)	P	
336290	INC8	13	21	450

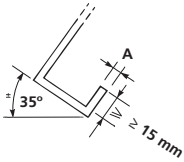
122



Nº		A (mm)	P	
171690	122	≤ 2,8	21	450

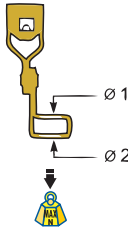
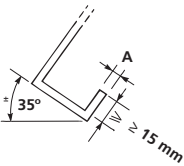


122 MA



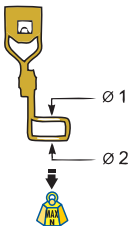
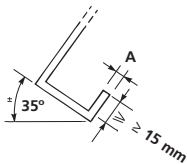
N°		A (mm)	Ø (mm)	P	
174690	122 M8MA	≤ 2,8	M8	21	450
174700	122 M10MA	≤ 2,8	M10	21	450

122 TI



N°		A (mm)	Ø 1 (mm)	Ø 2 (mm)	P	
174980	122M8Ti	≤ 2,8	M8	8,5	21	450
175070	122M10Ti	≤ 2,8	M10	11	21	450

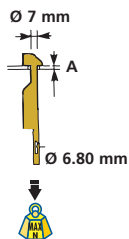
122 T10



N°		A (mm)	Ø 1 (mm)	Ø 2 (mm)	P	
160240	122T10	≤ 2,8	11	11	21	450

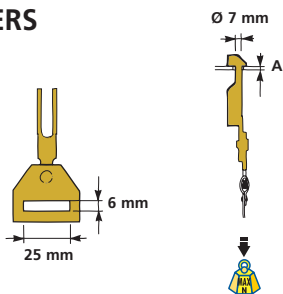


EER



N ^o		A (mm)	P	
171470	EER	0,8-2 2-3	21 21	450 900

EERS

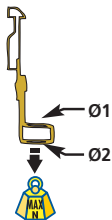


N ^o		A (mm)	P	
173080	EERS	0,8-2 2-3	21 21	450 900



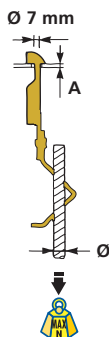


EER-TI/T



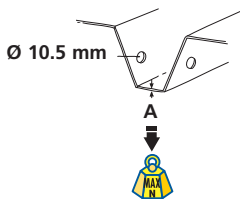
N°		A (mm)	Ø 1 (mm)	Ø 2 (mm)	P	
173130	EERM8Ti	0.8 - 2 2 - 3	M8	8.5	21 21	450 900
173140	EERM10Ti	0.8 - 2 2 - 3	M10	11	21 21	450 900
160250	EERT10	0.8 - 2 2 - 3	11	11	21 21	450 900

EER-MA



N°		A (mm)	Ø (mm)	P	
173180	EERM8MA	0.8 - 2 2 - 3	M8 M8	21 21	450 700
173190	EERM10MA	0.8 - 2 2-3	M10 M10	21 21	450 700

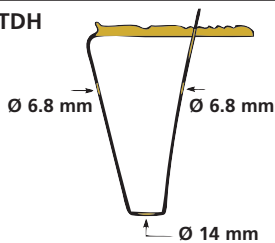
TDH



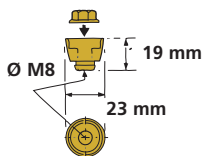
N°		P
179920	TDH	21
179930	TDHM6	21
179940	TDHM8	21
179950	TDHM10	21
179510	TDHiM8	21
179945	TDHAM8	21
179955	TDHAM10	21

A (mm)		P
0,63-0,70	600	21
0,70-0,80	700	21
0,80-1,00	800	21
1,00-1,20	1000	21
1,20-1,50	1200	21
> 1,50	1500	21
TDH iM8	200	21

TDH



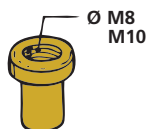
TDH iM8



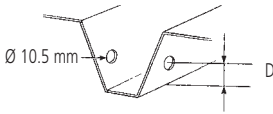
TDH M



**TDH AM8
TDH AM10**



TDHP

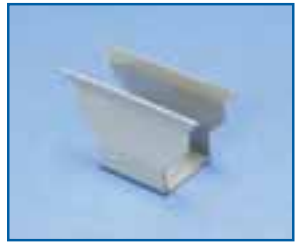
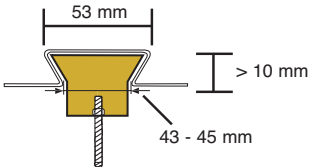


N ^o	D (mm)
159441	12-80
159442	

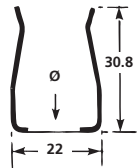


159442

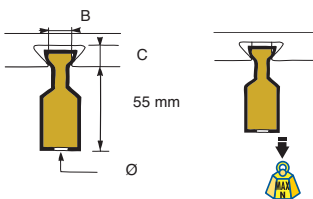
WDC/WDC-M



N ^o		\varnothing (mm)	P	
160920	WDCM8	M8	21	900
160930	WDCM10	M10	21	900



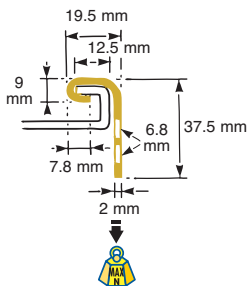
GTD



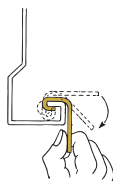
Nº		B (mm)	C M/mm	Ø (mm)	P	
160330	M8GTD12-17	12-17	>14	M8	21	900
160340	M10GTD12-17	12-17	>14	M10	21	900
160360	M8GTD17-22	17-22	>16	M8	21	900
160370	M10GTD17-22	17-22	>16	M10	21	900
160380	10GDT12-17	12-17	>14	10.5	21	900
160390	10GDT17-22	17-22	>16	10.5	21	900



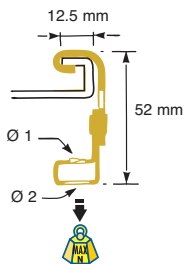
PW2



Nº		P	
175590	PW2	21	700

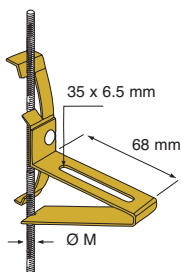


PW2 TI/T



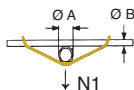
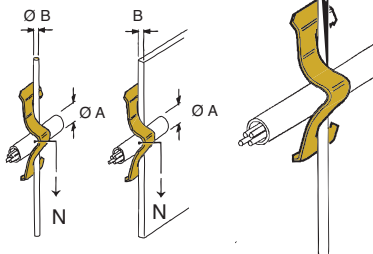
N°		Ø 1 (mm)	Ø 2 (mm)	P	
175610	PW2M8Ti IN	M8	8.5	21	700
175620	PW2M10Ti IN	M10	11	21	700
175630	PW2T10Ti IN	11	11	21	700

4Z34-CTS



N°		Ø M	P
172950	4Z34CTS	M4-M8	21
172960	6Z34CTS	M8-M12	21

K



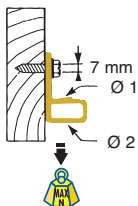
Nº	Tag	Ø A (mm)	Ø B (mm)	B (mm)	A+B (mm)	Icon 1	Icon 2	P
170870	KX	5 - 10	4 - 8		10 - 16	21		
170660	K8	14 - 18	4 - 6.5	2 - 10	20 - 24	21	220	110
170670	K12	19 - 25	4 - 6.5	2 - 10	24 - 29	21	220	110
170680	K16	25 - 32	4 - 6.5	2 - 12	30 - 37	21	220	110
170690	K20	35 - 44	4 - 6.5	2 - 13	44 - 48	21	220	110

AB



Nº	Tag	P	Icon
171120	AB	21	700

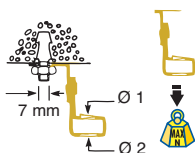
TI/T



Nº	Tag	Ø 1 (mm)	Ø 2 (mm)	P	Icon
174800	M6Ti	M6	7.5	21	700
170900	M8Ti	M8	8.5	21	700
170910	M10Ti	M10	11.5	21	700
160260	T10	11	11.5	21	700

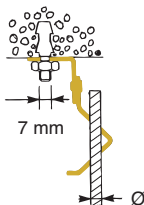


B-TI/T



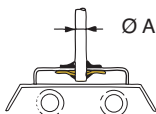
N°		Ø 1 (mm)	Ø 2 (mm)	P	
174940	M8TiB	M8	8.5	21	700
175030	M10TiB	M10	11	21	700
160280	T10B	11	11	21	700

MAB



N°		Ø	P	
173440	M8MAB	M8	21	700
173450	M10MAB	M10	21	700

MEBN



N°		A (mm)	P
172130	8MEBN	8	21
172140	10MEBN	10	21





CADDY® MACROFIX

278



PX

279



CADDY® MACROFIX NI

280



PX NI

281



RS DIN

282



U-bolt LD

283



U-bolt M8 / M10

283



TFZ

284



PBM

284



MT

284



ABP

285



HM

285



MU

285



EM

285



VDF TORX®

286



SAB

286



CA

286



ES

287



UC

287



LDC

288



DC

288



DDC

289



LAC

289



AC

290



AAC

290



APX 21 / 41 M10

291



APY 21 / 41 M10

291



CDC

292



CAC

293



UM

293





UD

294



UA

294



UT

295



TMN

295



C20 / C30 / C45

295



SM

296



SPP

296



CR

296



6000 BC

297



ZTA601 21-41

297



ZT606-2 316

297



ZT607-2 316

298



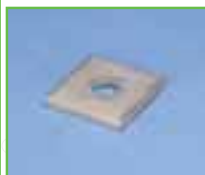
ZTA605-2 / ZT605-2

298



PLN-2

298



ZEA100-2

299



ZEA102-2 316

299



ZEA103-2 316

299



ZEA104-2 316

299



ZEA107-2 316

300



ZEA108-2 316

300



ZWA200-2

300



ZWA202-2

300



ZWA205-2 316

301



ZSA300-2 41/21

301



ZSA301-2 41/41

301



H-2

302



H-CTB-2

302



**M-MSM-2**

303

**EM-2**

303

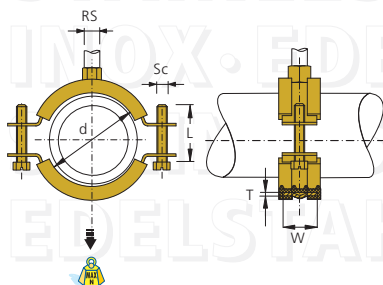
**EM-SM-2**


304

**EM-M-2**

304

CADDY® MACROFIX

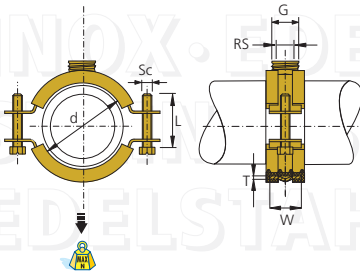



N°	d (")	d (mm)	RS	WxT (mm)	Sc x L		P
595595	1/4	12-15	M8	20x1,5	M6x20	1000	2.4
595600	3/8	15-19	M8	20x1,5	M6x20	1000	2.4
595610	1/2	20-24	M8	20x1,5	M6x20	1000	2.4
595620	3/4	25-30	M8	20x1,5	M6x20	1000	2.4
595630	1	32-37	M8	20x1,5	M6x20	1000	2.4
595640	1-1/4	40-45	M8	20x1,5	M6x25	1000	2.4
595645		44-49	M8	20x1,5	M6x25	1300	2.4
595650	1-1/2	48-53	M8	20x1,5	M6x25	1300	2.4
595660		54-58	M8	20x1,5	M6x25	1300	2.4
595670	2	59-63	M8	20x1,5	M6x25	1300	2.4
595675		62-64	M8	25x2,0	M6x25	1300	2.4
595680		68-73	M8	25x2,0	M6x25	1300	2.4
595690	2-1/2	75-80	M8	25x2,0	M6x25	1300	2.4
595695		82-86	M8	25x2,0	M6x25	1300	2.4
595700	3	89-91	M10	25x2,0	M6x25	1300	2.4
595710		95-103	M10	25x2,0	M6x25	1300	2.4
595720	4	108-116	M10	25x2,5	M6x25	2200	2.4
595730		121-127	M10	25x2,5	M6x25	2200	2.4
595740		129-135	M10	25x2,5	M6x25	2200	2.4
595750	5	135-141	M10	25x2,5	M6x25	2200	2.4
595755		159-162	M10	25x2,5	M6x25	2200	2.4
595760	6	165-168	M10	25x2,5	M6x25	2200	2.4
595770		198-202	M10	30x3,0	M8x25	2500	2.4
595775		210-215	M10	30x3,0	M8x25	2500	2.4
595780	8	216-220	M10	30x3,0	M8x25	2500	2.4



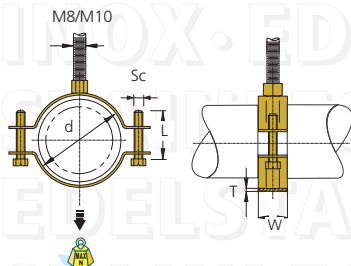



PX



Nº	d (")	d (mm)	RS	G (")	WxT (mm)	Sc x L		P
578250	-	10-13	M10	1/2	27x2,2	M6x20	2500	2.4
578260	3/8	14-18	M10	1/2	27x2,2	M6x20	2500	2.4
578270	1/2	19-22	M10	1/2	27x2,2	M6x20	2500	2.4
578280	3/4	23-28	M10	1/2	27x2,2	M6x20	2500	2.4
578290	1	29-34	M10	1/2	27x2,2	M6x20	2500	2.4
578300	-	35-40	M10	1/2	27x2,2	M6x20	2500	2.4
578310	1-1/4	41-45	M10	1/2	27x2,2	M6x20	2500	2.4
578320	1-1/2	46-50	M10	1/2	27x2,2	M6x20	2500	2.4
578330	-	51-55	M10	1/2	27x2,2	M6x20	2500	2.4
578340	2	56-61	M10	1/2	31x2,4	M8x25	2500	2.4
578350	-	62-68	M10	1/2	31x2,4	M8x25	2500	2.4
578360	-	69-74	M10	1/2	31x2,4	M8x25	2500	2.4
578370	2-1/2	75-81	M10	1/2	31x2,4	M8x25	2500	2.4
578380	-	82-87	M10	1/2	31x2,4	M8x25	2500	2.4
578390	3	88-93	M10	1/2	31x2,4	M8x25	2500	2.4
578400	-	94-99	M10	1/2	31x2,4	M8x25	2500	2.4
578410	3-1/2	100-105	M10	1/2	31x2,4	M8x25	2500	2.4
578420	-	106-111	M10	1/2	31x2,4	M8x25	2500	2.4
578430	4	112-118	M10	1/2	31x2,4	M8x25	2500	2.4
578440	-	119-125	M12	3/4	38x3,0	M8x30	3500	2.4
578450	-	126-131	M12	3/4	38x3,0	M8x30	3500	2.4
578460	-	132-138	M12	3/4	38x3,0	M8x30	3500	2.4
578470	5	139-145	M12	3/4	38x3,0	M8x30	3500	2.4
578480	-	146-151	M12	3/4	38x3,0	M8x30	3500	2.4
578490	-	152-157	M12	3/4	38x3,0	M8x30	3500	2.4
578500	-	158-164	M12	3/4	38x3,0	M8x30	3500	2.4
578510	6	165-170	M12	3/4	38x3,0	M8x30	3500	2.4
578520	-	174-180	M12	3/4	38x3,0	M8x30	3500	2.4
578530	-	181-187	M12	3/4	38x3,0	M8x30	3500	2.4
578540	-	188-194	M12	3/4	38x3,0	M8x30	3500	2.4
578550	-	195-201	M12	3/4	38x3,0	M8x30	3500	2.4
578560	-	208-214	M12	3/4	38x3,0	M8x30	3500	2.4
578570	8	215-220	M12	3/4	38x3,0	M8x30	3500	2.4
578580	-	228-234	M12	3/4	38x3,0	M8x30	3500	2.4

CADDY® MACROFIX NI

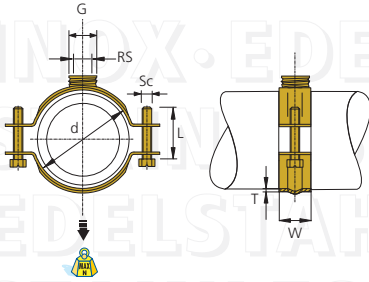



Nº	d (")	d (mm)	RS	WxT (mm)	Sc x L		P
595400	3/8	14-18	M8	20x1,5	M6x20	1000	2.4
595410	1/2	20-26	M8	20x1,5	M6x20	1000	2.4
595420	3/4	23-30	M8	20x1,5	M6x20	1000	2.4
595430	1	33-40	M8	20x1,5	M6x20	1000	2.4
595440	1-1/4	41-47	M8	20x1,5	M6x20	1000	2.4
595450	1-1/2	48-54	M8	20x1,5	M6x25	1000	2.4
595470	2	56-62	M8	20x1,5	M6x25	1300	2.4
595475		62-69	M8	20x1,5	M6x25	1300	2.4
595480		67-71	M8	20x1,5	M6x25	1300	2.4
595490	2-1/2	69-78	M8	25x2,0	M6x25	1300	2.4
595500	3	85-91	M8	25x2,0	M6x25	1300	2.4
595505		90-98	M10	25x2,0	M6x25	1300	2.4
595510		97-107	M10	25x2,0	M6x30	1300	2.4
595520		104-110	M10	25x2,0	M6x25	1300	2.4
595530	4	108-116	M10	25x2,0	M6x25	1300	2.4
595535		116-126	M10	25x2,5	M6x30	1300	2.4
595540		129-140	M10	25x2,5	M6x30	2200	2.4
595550	5	133-141	M10	25x2,5	M6x30	2200	2.4
595555		144-154	M10	25x2,5	M6x30	2200	2.4
595560	6	159-168	M10	25x2,5	M6x30	2200	2.4





PX NI

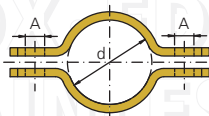
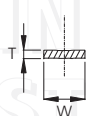


Nº	d (")	d (mm)	RS	G (")	WxT (mm)	Sc x L		P
577460	1/2	21-25	M10	1/2	27x2,2	M6x20	2500	2.4
577470	3/4	26-31	M10	1/2	27x2,2	M6x20	2500	2.4
577480	1	32-36	M10	1/2	27x2,2	M6x20	2500	2.4
577490		37-40	M10	1/2	27x2,2	M6x20	2500	2.4
577500	1-1/4	41-46	M10	1/2	27x2,2	M6x20	2500	2.4
577510	1-1/2	47-52	M10	1/2	27x2,2	M6x20	2500	2.4
577520		53-58	M10	1/2	27x2,2	M6x20	2500	2.4
577530	2	59-63	M10	1/2	27x2,2	M6x20	2500	2.4
577540		64-67	M10	1/2	27x2,2	M6x20	2500	2.4
577550		68-73	M10	1/2	27x2,2	M6x20	2500	2.4
577560	2-1/2	74-79	M10	1/2	31x2,4	M8x25	2500	2.4
577570		80-86	M10	1/2	31x2,4	M8x25	2500	2.4
577580	3	87-92	M10	1/2	31x2,4	M8x25	2500	2.4
577590		93-99	M10	1/2	31x2,4	M8x25	2500	2.4
577600	3-1/2	100-105	M10	1/2	31x2,4	M8x25	2500	2.4
577610		106-111	M10	1/2	31x2,4	M8x25	2500	2.4
577620	4	112-117	M10	1/2	31x2,4	M8x25	2500	2.4
577630		118-123	M10	1/2	31x2,4	M8x25	2500	2.4
577640		124-129	M10	1/2	31x2,4	M8x25	2500	2.4
577650		130-136	M10	1/2	31x2,4	M8x25	2500	2.4
577660	5	137-143	M12	3/4	38x3,0	M8x30	3500	2.4
577670		144-149	M12	3/4	38x3,0	M8x30	3500	2.4
577680		150-156	M12	3/4	38x3,0	M8x30	3500	2.4
577690		157-163	M12	3/4	38x3,0	M8x30	3500	2.4
577700	6	164-169	M12	3/4	38x3,0	M8x30	3500	2.4
577710		170-175	M12	3/4	38x3,0	M8x30	3500	2.4
577720		176-182	M12	3/4	38x3,0	M8x30	3500	2.4
577730		183-191	M12	3/4	38x3,0	M8x30	3500	2.4
577740		192-198	M12	3/4	38x3,0	M8x30	3500	2.4
577750		199-205	M12	3/4	38x3,0	M8x30	3500	2.4
577760		206-212	M12	3/4	38x3,0	M8x30	3500	2.4
577770	8	213-219	M12	3/4	38x3,0	M8x30	3500	2.4
577780		226-232	M12	3/4	38x3,0	M8x30	3500	2.4
577790		233-238	M12	3/4	38x3,0	M8x30	3500	2.4
577800		246-252	M12	3/4	38x3,0	M8x30	3500	2.4



RS DIN

NEW

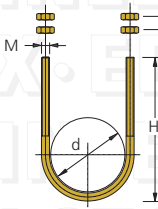


N°	d (mm)	WxT (mm)	A (mm)	P
400751	20	30 x 5,0	11.5	2.2
400752	21.3	30 x 5,0	11.5	2.2
400753	25	30 x 5,0	11.5	2.2
400754	26.9	30 x 5,0	11.5	2.2
400755	30	30 x 5,0	11.5	2.2
400756	33.7	30 x 5,0	11.5	2.2
400757	38	30 x 5,0	11.5	2.2
400758	42.4	30 x 5,0	11.5	2.2
400759	44.5	30 x 5,0	11.5	2.2
400760	48.3	30 x 5,0	11.5	2.2
400761	54	40 x 6,0	14.0	2.2
400762	57	40 x 6,0	14.0	2.2
400763	60.3	40 x 6,0	14.0	2.2
400764	70	40 x 6,0	14.0	2.2
400765	76.1	40 x 6,0	14.0	2.2
400766	82	40 x 6,0	14.0	2.2
400767	88.9	40 x 6,0	14.0	2.2
400768	95	40 x 6,0	14.0	2.2
400769	102	50 x 8,0	18.0	2.2
400770	108	50 x 8,0	18.0	2.2
400771	114.3	50 x 8,0	18.0	2.2
400772	121	50 x 8,0	18.0	2.2
400773	133	50 x 8,0	18.0	2.2
400774	139.7	50 x 8,0	18.0	2.2
400775	154	50 x 8,0	18.0	2.2
400776	159	50 x 8,0	18.0	2.2
400777	168.3	50 x 8,0	18.0	2.2
400778	180	50 x 8,0	18.0	2.2
400779	194	50 x 8,0	18.0	2.2
400780	219.1	50 x 8,0	18.0	2.2
400781	225	50 x 8,0	18.0	2.2



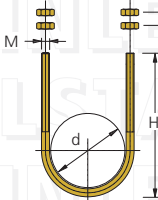


U-BOLT LD

NEW


Nº	Ø (")	DN	d (mm)	M	H (mm)	P
597605	1/2	15	21	6	34	2.4
597615	3/4	20	27	8	58	2.4
597625	1	25	34	8	63	2.4
597635	1-1/4	32	42	8	76	2.4
597645	1-1/2	40	49	8	78	2.4
599811			54	8	78	2.4
597655	2	50	60	8	88	2.4
597665	2-1/2	65	76	8	118	2.4
597675	3	80	90	10	125	2.4
599288			102	10	125	2.4
599289	4	100	114	10	166	2.4
599225	5	125	140	12	197	2.4
599235	5-1/2		160	14	214	2.4
599245	6	150	168	14	224	2.4

U-BOLT M8/M10

NEW


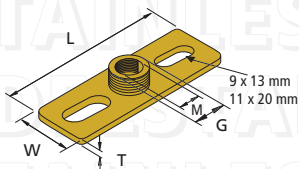
Nº	Ø (")	DN	d (mm)	M	H (mm)	P
599344	1/4		13	8	34	2.4
599345	3/8	10	17	8	42	2.4
599346	1/2	15	21	8	46	2.4
599357	3	80	90	8	125	2.4
599347			102	8	125	2.4
599348	4	100	114	8	166	2.4
599349	4 3/4		135	8	190	2.4
599350	5	125	140	8	197	2.4
599351	5 1/2		160	8	214	2.4
599352	6	150	168	8	224	2.4
599353			193	10	248	2.4
599354	8	200	219	10	286	2.4
599355	10	250	273	10	331	2.4
599356	12	300	323	10	389	2.4

TFZ



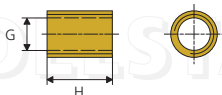
Nº	M	L (m)	P
592700	M6	1	2.2
592710	M6	2	2.2
592720	M8	1	2.2
592730	M8	2	2.2
592740	M10	1	2.2
592750	M10	2	2.2
592760	M12	1	2.2
592770	M12	2	2.2

PBM



Nº	M	G (")	L (mm)	W (mm)	T (mm)	P
587030	10	1/2	70	33	4,0	2.4
587040	12	3/4	100	40	4,0	2.4

MT

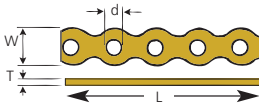


Nº	G (")	H (mm)	P
578800	1/2	18	2.4
578810	3/4	20	2.4





ABP



Nº	W x T (mm)	d (mm)	L (m)	P
584020	12x0,8	5	10	2.2
584030	17x0,8	7	10	2.2
584040	26x1,0	8	10	2.2

HM

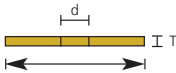
ISO 4032
DIN 934

Nº	M	P
592130	M6	2.2
592140	M8	2.2
592150	M10	2.2
592160	M12	2.2



MU

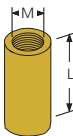
ISO 7089
DIN 125



Nº	d (mm)	T (mm)	P
592480	6,4	1,6	2.2
592490	8,4	1,6	2.2
592500	10,5	2,0	2.2
592510	13	2,5	2.2



EM

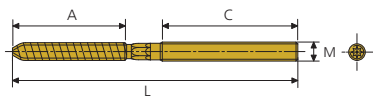


Nº	M (mm)	L (mm)	P
401145	M8	30	2.2
401146	M10	40	2.2



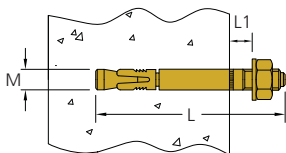


VDF TORX®



Nº	MxL (mm)	A (mm)	C (mm)	P
400477	8x50	28	15	2.2
400478	8x80	40	30	2.2
400479	8x100	45	40	2.2
400482	10x100	55	40	2.2

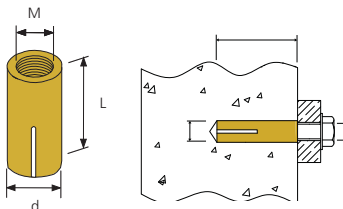
SAB



Nº	M (mm)	L (mm)	L1 (mm)	P
401150	8	75	10	2.4
401151	8	115	50	2.4
401152	10	90	10	2.4
401153	10	139	50	2.4



CA

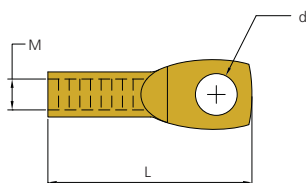


Nº	d (mm)	M (mm)	L (mm)	P
401154	8	M6	30	2.4
401155	10	M8	30	2.4
401156	12	M10	40	2.4
401157	15	M12	50	2.4





ES

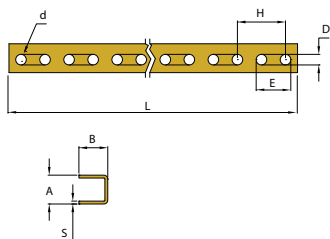


NEW



Nº	M	L (mm)	d (mm)	P
574255	M6	50	6,0	2.4
574265	M8	50	8,2	2.4
574275	M10	50	10,2	2.4

UC

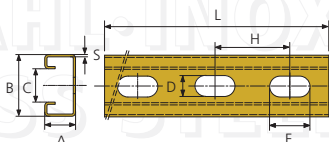
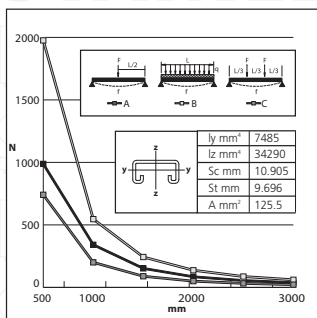


NEW



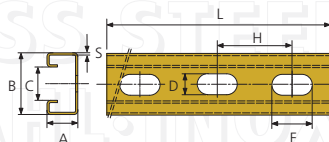
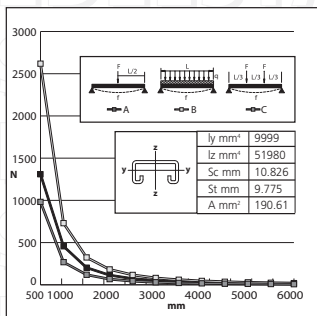
Nº	L (mm)	AxBxS (mm)	d (mm)	DxE (mm)	H (mm)	P
312210	2000	30x30x2	11	11x36	50	2.4

LDC 21x41x1,5 mm



N°	L (mm)	AxBxS (mm)	C (mm)	DxE (mm)	H (mm)	P
317117	2	21x41x1,5	22,3	11x27	50	2.4

DC 21x41x2,5 mm



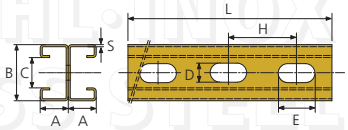
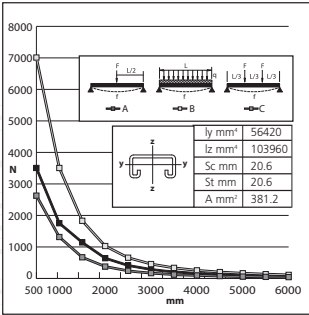
N°	L (mm)	AxBxS (mm)	C (mm)	DxE (mm)	H (mm)	P
310265	6	21x41x2,5	22,3	14x27	50	2.4



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

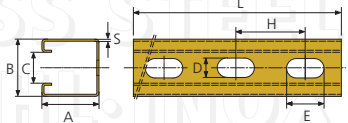
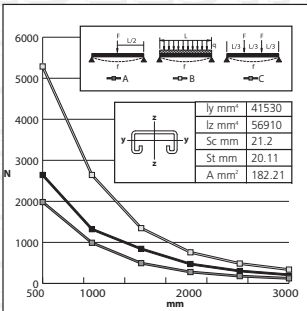


DDC 2 x (21x41x2,5 mm)



N°	L (mm)	AxBxS (mm)	C (mm)	DxE (mm)	H (mm)	P
310090	6	21x41x2,5	22,3	14x27	50	2.4

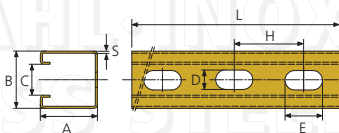
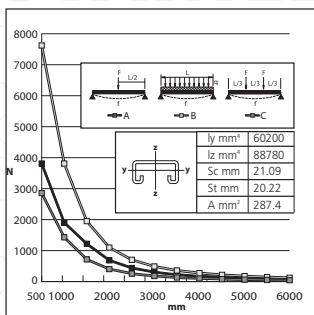
LAC 41x41x1,5 mm



N°	L (mm)	AxBxS (mm)	C (mm)	DxE (mm)	H (mm)	P
317345	2	41x41x1,5	22,3	11x27	50	2.4

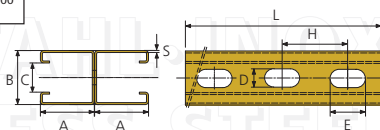
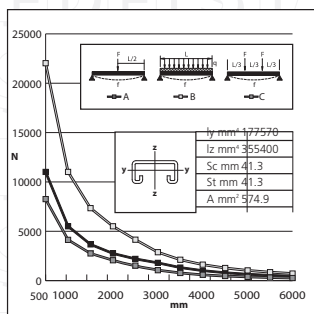
$\sigma_{\text{all}} = 160 \text{ N/mm}^2$
 $f_{\text{all}} = l/200$

AC 41x41x2,5 mm



N°	L (mm)	AxBxS (mm)	C (mm)	DxE (mm)	H (mm)	P
310326	6	41x41x2,5	22,3	14x27	50	2.4

AAC 2 x (41x41x2,5 mm)



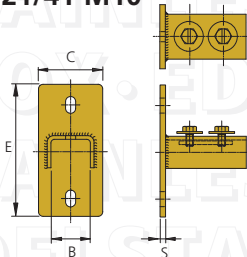
N°	L (mm)	AxBxS (mm)	C (mm)	DxE (mm)	H (mm)	P
310210	6	41x41x2,5	22,3	14x27	50	2.4



$f_{bu} = 160$ N/mm²
 $f_{tu} = 1/200$

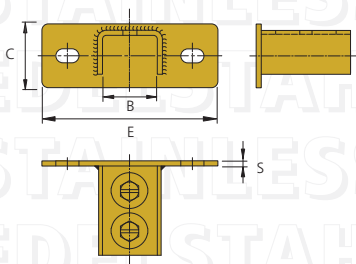


APX 21/41 M10



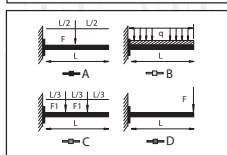
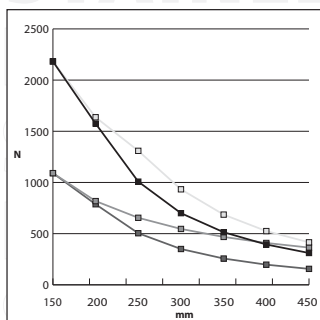
N°	B (mm)	C (mm)	E (mm)	S (mm)	P
584820	43	70	144	6	2.4

APY 21/41 M10

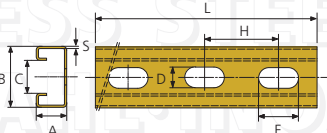
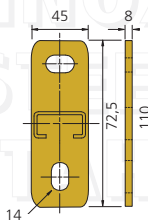


N°	B (mm)	C (mm)	E (mm)	S (mm)	P
584840	43	50	144	5	2.4

CDC 21x41x2,5 mm



I_y mm ⁴	9999
I_z mm ⁴	51980
Sc mm	10.826
St mm	9.775
A mm ²	190.61



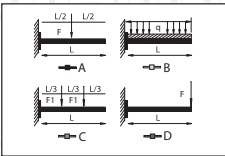
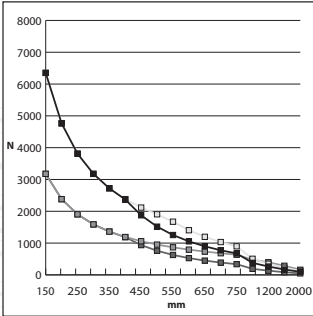
N°	L (m)	AxBxS (mm)	C (mm)	DxE (mm)	H (mm)	P
311658	150	21x41x2,5	22,3	13x28	50	2.4
311662	300	21x41x2,5	22,3	13x28	50	2.4
311668	450	21x41x2,5	22,3	13x28	50	2.4



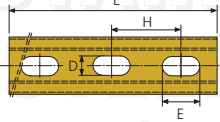
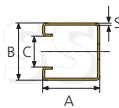
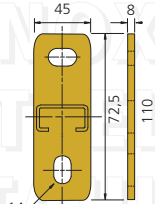
$f_{bwl} = 160 \text{ N/mm}^2$
 $f_{twd} = l/200$



CAC 41x41x2,5 mm



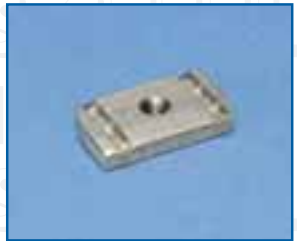
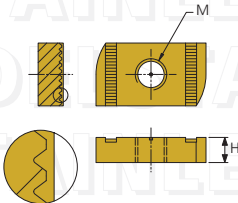
	$I_y \text{ mm}^4$	60200
	$I_z \text{ mm}^4$	88780
	$S_c \text{ mm}$	21.09
	$S_t \text{ mm}$	20.22
	$A \text{ mm}^2$	287.4



Nº	L (m)	AxBxS (mm)	C (mm)	DxE (mm)	H (mm)	P
311693	150	41x41x2,5	22,3	13x28	50	2.4
311694	300	41x41x2,5	22,3	13x28	50	2.4
311695	450	41x41x2,5	22,3	13x28	50	2.4
311696	600	41x41x2,5	22,3	13x28	50	2.4
311697	750	41x41x2,5	22,3	13x28	50	2.4
311698	1000	41x41x2,5	22,3	13x28	50	2.4

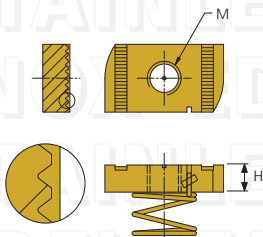
$\sigma_{\text{adm}} = 160 \text{ N/mm}^2$
 $f_{\text{red}} = l/200$

UM



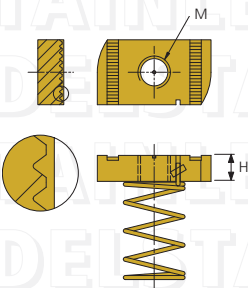
Nº	M	H (mm)	\varnothing Nm	P
315140	M6	5	12	2.4
315150	M8	6	28	2.4
315160	M10	8	55	2.4
315170	M12	8	95	2.4

UD



N°	M	H (mm)	Nm	P
315210	M6	5	12	2.4
315220	M8	6	28	2.4
315230	M10	8	55	2.4
315240	M12	8	95	2.4

UA

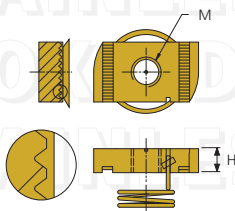


N°	M	H (mm)	Nm	P
315180	M6	5	12	2.4
315190	M8	6	28	2.4
315120	M10	8	55	2.4
315200	M12	8	95	2.4



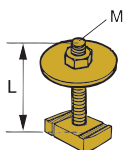


UT



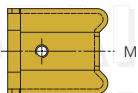
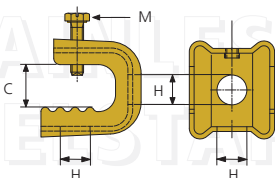
Nº	M	H (mm)	Nm	P
515332	M6	6	12	2.4
515333	M8	6	28	2.4
515334	M10	8	55	2.4
515335	M12	8	95	2.4

TMN



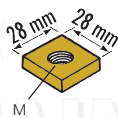
Nº	MxL (mm)	P
590093	M8x40	2.2
590094	M10x40	2.2
590095	M12x40	2.2

C20/C30/C45



Nº	C (mm)	H (mm)	M (mm)	P
336130	20	14	M6x25	2.2
336140	30	14	M8x30	2.2
336150	45	14	M8x30	2.2

SM



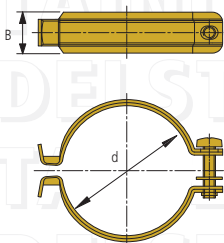
Nº	M	P
336180	M6	2.2
336190	M8	2.2

SPP



Nº	M (mm)	P
336220	6	2.2
336230	8	2.2

CR

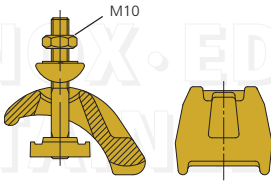


Nº	d (mm)	B (mm)	P
336400	16-20	16	2.2
336410	20,4-25	16	2.2
336420	26,9-31,8	16	2.2
336430	33,7-38	20	2.2
336440	40-44,5	20	2.2
336450	47-51	20	2.2
336460	59,2-63,5	20	2.2



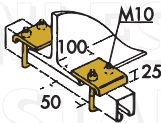


6000 BC



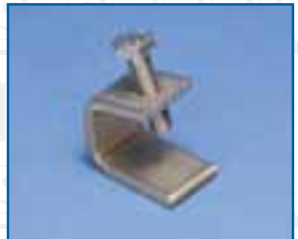
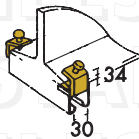
N°	M	P
330610	M10	2.2

ZTA 601 21-41



N°		P
387710	L-AC-L-DC	2.4

ZTA 606-2

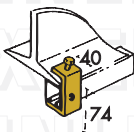


N°	P
313271	2.4



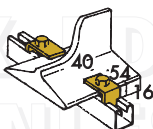
20

ZT 607-2



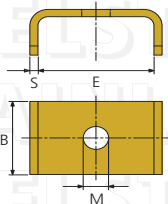
N°	P
313281	2.4

ZTA 605-2/ZT 605-2



N°		P
387190	-	2.4
314060	+	2.4

PLN-2

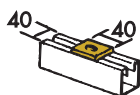


N°	M (mm)	B (mm)	S (mm)	E (mm)	P
589928	11	50	3	42	2.4





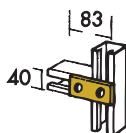
ZEA 100-2



Nº	P
388710	2.4



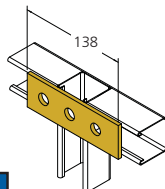
ZEA 102-2



Nº	P
387522	2.4



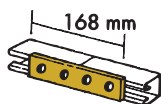
ZEA 103-2



Nº	P
387532	2.4



ZEA 104-2



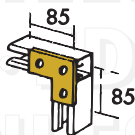
Nº	P
387542	2.4





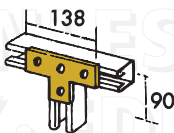
20

ZEA 107-2



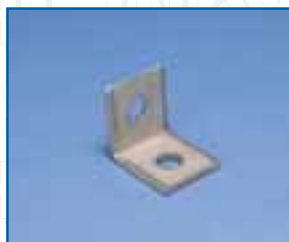
N°	P
387572	2.4

ZEA 108-2



N°	P
388701	2.4

ZWA 200-2



N°	P
388670	2.4

ZWA 202-2

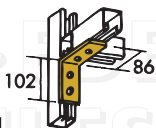


N°	P
387625	2.4





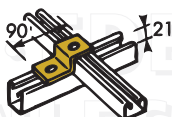
ZWA 205-2



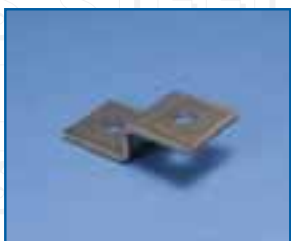
N°	P
388761	2.4



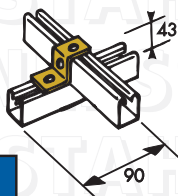
ZSA 300-2 41x21 mm



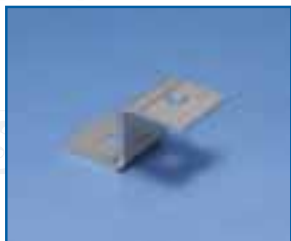
N°	P
387731	2.4



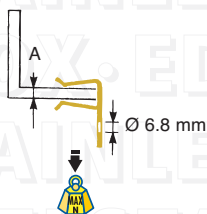
ZSA 301-2 41x41 mm



N°	P
387742	2.4

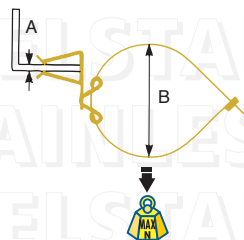


H-2



Nº		A (mm)	P	
179610	4H24-2	3-8	2.1	650
179620	4H58-2	8-14	2.1	650
179630	4H912-2	14-20	2.1	650

H-CTB-2

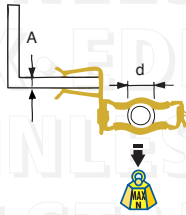


Nº		A (mm)	B (mm)	P	
170280	4H24CTBR-2	3-8	25-51	2.1	650
170300	4H58CTBR-2	8-14	25-51	2.1	650
170310	4H912CTBR-2	14-20	25-51	2.1	650



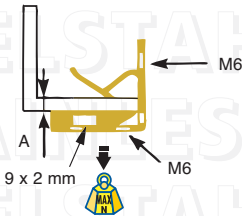


H-MSM-2



Nº		A (mm)	d (mm)	P	
179650	8M24SM-2	3-8	18-22	2.1	90
179660	8M58SM-2	8-14	18-22	2.1	90
179670	8M912SM-2	14-20	18-22	2.1	90
179690	12M24SM-2	3-8	22-30	2.1	90
179700	12M58SM-2	8-14	22-30	2.1	90
179710	12M912SM-2	14-20	22-30	2.1	90

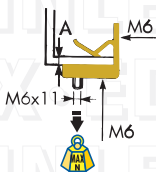
EM-2



Nº		A (mm)	P	
179720	EM24-2	3-8	2.1	200
179730	EM58-2	8-14	2.1	200
179740	EM912-2	14-20	2.1	200

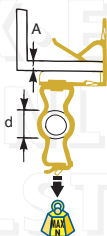


EM-SM-2



N°	A (mm)	P	
179750	3-8	2.1	200
179760	8-14	2.1	200
179770	14-20	2.1	200

EM-M-2



N°		A (mm)	d (mm)	P	
179780	8EM24-2	3-8	18-22	2.1	200
179790	8EM58-2	8-14	18-22	2.1	200
179800	8EM912-2	14-20	1-22	2.1	200
179810	12EM24-2	3-8	22-30	2.1	200
179820	12EM58-2	8-14	22-30	2.1	200
179830	12EM912-2	14-20	22-30	2.1	200



**SRFM**

306

**SRF-C**

306

**FRF PH**

306

**FRS PK**

306

**SRS**

307

**DP1**

307

**DP2**

307

**SSS**

308



SRFM

Nº	L (mm)	P
400809	M8x225	1
400810	M8x260	1
400811	M8x280	1
400812	M8x300	1
400813	M8x330	1
400814	M8x370	1
400815	M8x405	1



SRF-C

Nº	P
400816	1



FRF PH

Nº	ΔL (mm)	P
400835	40-65	1



FRS PK

Nº	ΔL (mm)	P
400836	40-65	1



SRS



Nº	L (mm)	AxB (mm)	S (mm)	P
400817	240	25x25	3,5	0
400818	260	25x25	3,5	0
400819	280	25x25	3,5	0
400820	300	25x25	3,5	0
400821	320	25x25	3,5	0
400822	340	25x25	3,5	0
400823	360	25x25	3,5	0
400824	380	25x25	3,5	0
400825	400	25x25	3,5	0

DP1

Nº	ΔL (mm)	P
400837	40-65	1



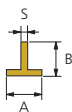
DP2

Nº	ΔL (mm)	P
400838	40-65	1





SSS



Nº	L (mm)	AxB (mm)	S (mm)	P
400841	450	30x30	4	3
400842	500	30x30	4	3
400843	550	30x30	4	3
400844	600	30x30	4	3





ESS UHS

310



ESS UH

310



ESS WH

310



ESS SH

311



ESS ST

311



ESS PC

311



ESS SP

311



ESS GP

312

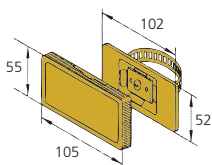


ESS MS

312

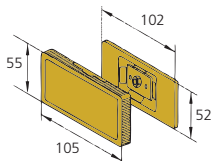


ESS UHS



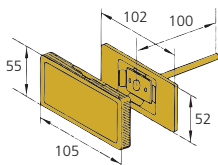
N°	P
599500	1

ESS UH



N°	P
599501	1

ESS WH

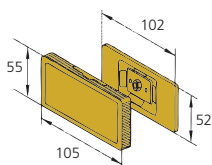


N°	P
599502	1





ESS SH



N°	P
599503	1

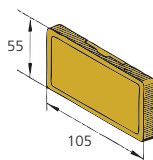


ESS ST

N°	L (m)	P
599504	5	1



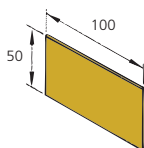
ESS PC



N°	P
599505	11



ESS SP

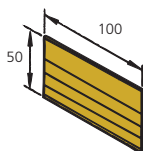


N°	P
599506	11



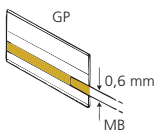


ESS GP



N°	P
599507	11

ESS MS



N°	P
599508	11



**NEW**

TP220

314

NEW

TP225

315

NEW

TP225G

315

NEW

TP225A

316

NEW

TP230

316

NEW

TP230G

316

NEW

TP235

317



TP240

317



SB55

318



TP280

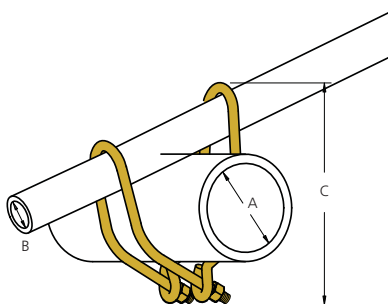
318

**NEW**

TP220



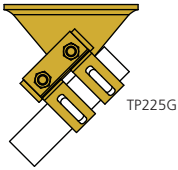
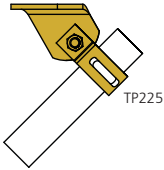
N°		Ø A (")	Ø B (")	C (mm)	P
402183	TP2201000125EG	1-1/4	1	122.2	1
402184	TP2201000150EG	1-1/2	1	130.2	1
402185	TP2201000200EG	2	1	134.9	1
402186	TP2201000250EG	2-1/2 (73 mm)	1	165.1	1
402187	TP2201000300EG	3	1	184.2	1
402188	TP2201000400EG	4	1	206.4	1
402189	TP2201000500EG	5	1	219.1	1
402190	TP2201000600EG	6	1	254.0	1
402191	TP2201000800EG	8	1	298.5	1
402192	TP2201250125EG	1-1/4	1-1/4	133.4	1
402193	TP2201250150EG	1-1/2	1-1/4	139.7	1
402194	TP2201250200EG	2	1-1/4	152.4	1
402195	TP2201250250EG	2-1/2 (73 mm)	1-1/4	165.1	1
402196	TP2201250300EG	3	1-1/4	184.2	1
402197	TP2201250400EG	4	1-1/4	211.1	1
402198	TP2201250500EG	5	1-1/4	235.0	1
402199	TP2201250600EG*	6	1-1/4	266.7	1
402200	TP2201250800EG*	8	1-1/4	304.8	1





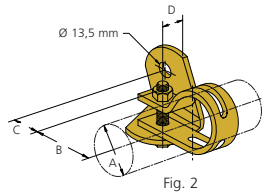
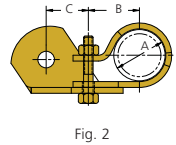
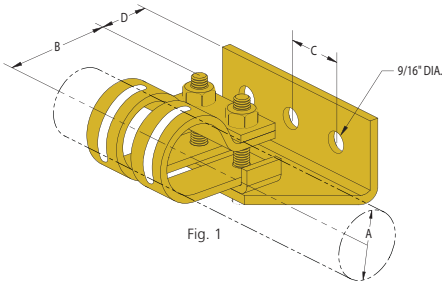
TP225/TP225G

NEW



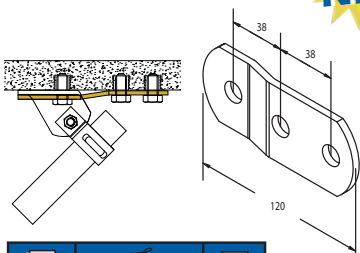
N°		FIG	Ø A (")	B (mm)	C (mm)	D (mm)	P
402201	TP225G100EG*	1	1	34.9	31.8	31.8	1
402202	TP225G125EG*	1	1-1/4	41.3	31.8	31.8	1
402203	TP225100EG	2	1	34.9	34.9	28.6	1
402204	TP225125EG	2	1-1/4	41.3	34.9	28.6	1

*HD



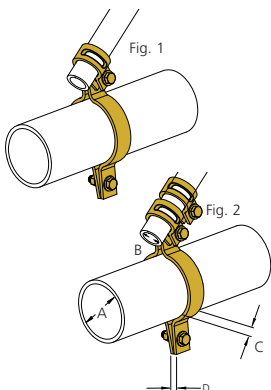


TP225A

NEW

N°		P
402270	TP225A000EG	1

TP230/TP230G

NEWc  us

N°		FIG	Ø A (")	Ø B (")	C (mm)	D (mm)	P
402205	TP2301000100EG	1	1	1	4.8	25.4	1
402206	TP2301000125EG	1	1-1/4	1	4.8	25.4	1
402207	TP2301000150EG	1	1-1/2	1	4.8	25.4	1
402208	TP2301000200EG	1	2	1	4.8	25.4	1
402209	TP2301000250EG	1	2-1/2 (73 mm)	1	4.8	25.4	1
402210	TP2301000300EG	1	3	1	4.8	25.4	1
402211	TP2301250125EG	1	1-1/4	1-1/4	4.8	25.4	1
402212	TP2301250150EG	1	1-1/2	1-1/4	4.8	25.4	1
402213	TP2301250200EG	1	2	1-1/4	4.8	25.4	1
402214	TP2301250250EG	1	2-1/2 (73 mm)	1-1/4	4.8	25.4	1
402215	TP2301250300EG	1	3	1-1/4	4.8	25.4	1
402216	TP230G1000400EG*	2	4	1	4.8	25.4	1
402217	TP230G1000500EG*	2	5 (141.3 mm)	1	4.8	50.8	1
402218	TP230G1000600EG*	2	6 (168.9 mm)	1	4.8	50.8	1
402219	TP230G1000800EG*	2	8	1	6.4	50.8	1
402220	TP230G1250400EG*	2	4	1-1/4	4.8	25.4	1
402221	TP230G1250500EG*	2	5 (141.3 mm)	1-1/4	4.8	50.8	1
402222	TP230G1250600EG*	2	6 (168.9 mm)	1-1/4	4.8	50.8	1
402223	TP230G1250800EG*	2	8	1-1/4	6.4	50.8	1

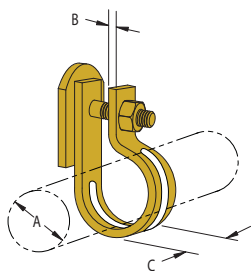
*HD





TP235

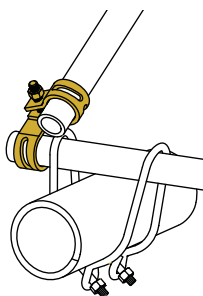
NEW



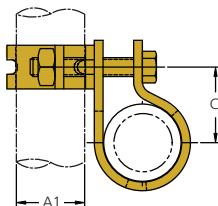
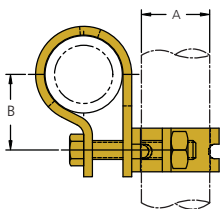
Nº	Key	Ø A (")	B (mm)	C (mm)	P
402224	TP235100EG	1	4,8	25,4	1
402225	TP235125EG	1-1/4	4,8	25,4	1

TP240

NEW

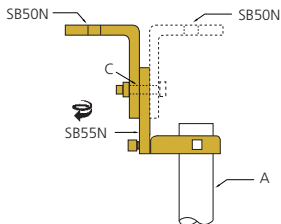


Nº	Key	Ø A x Ø A1 (")	B (mm)	C (mm)	P
402226	TP2401000100EG	1x1	34,9	34,9	1
402227	TP2401250125EG	1-1/4x1-1/4	34,9	41,3	1



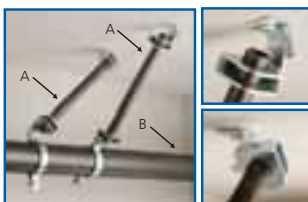


SB55

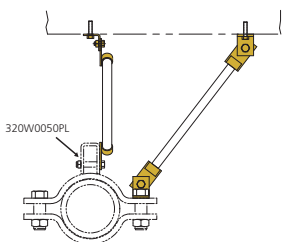


N°		Ø A (")	Ø B (")			C (mm)	P
402230	SB55N1000037EG	1	1 - 2-1/2	1780	27	9.5	1
402231	SB55N1000037PL	1	1 - 2-1/2	1780	27	9.5	0
402232	SB55N1000050EG	1	1 - 3-1/2	2670	68	12.7	1
402233	SB55N1000050PL	1	1 - 3-1/2	2670	68	12.7	0
402234	SB55N1000062EG	1	1 - 4	3110	122	15.9	1
402235	SB55N1000062PL	1	1 - 4	3110	122	15.9	0
402236	SB55N1250037EG	1-1/4	1 - 2-1/2	1780	27	9.5	1
402237	SB55N1250037PL	1-1/4	1 - 2-1/2	1780	27	9.5	0
402238	SB55N1250050EG	1-1/4	1 - 3-1/2	2670	68	12.7	1
402239	SB55N1250050PL	1-1/4	1 - 3-1/2	2670	68	12.7	0
402240	SB55N1250062EG	1-1/4	1 - 4	3110	122	15.9	1
402241	SB55N1250062PL	1-1/4	1 - 4	3110	122	15.9	0

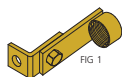
N°		C (mm)	P
402242	SB50N038EG	9,5	1
402243	SB50N050EG	12,7	1
402244	SB50N062EG	15,9	1
402245	SB50N038PL	9,5	0
402246	SB50N050PL	12,7	0
402247	SB50N062PL	15,9	0



TP280



N°		Ø A (")	FIG	P
402228	TP2800100EG	1	1	1
402229	TP280P0100EG	1	2	1





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TECHNICAL INFORMATION

Quality Assurance

Quality Assurance ISO 9001:2000

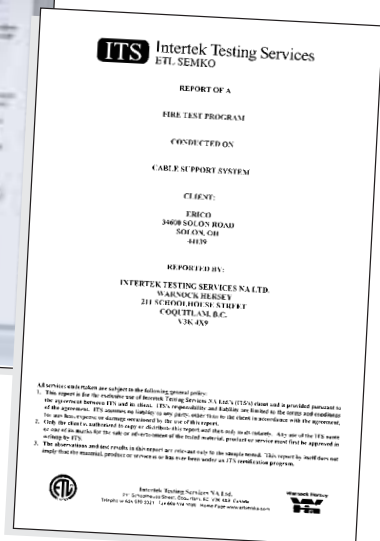
Quality Control includes material and product performance testing - heat treatment and coating/painting ("corrosion protection") are part of our process. We complete performance testing to validate the parts have been hardened properly and meet tensile load testing. We also complete performance testing to validate the coating is adequate.

Test and Control Procedure

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

Research and Development

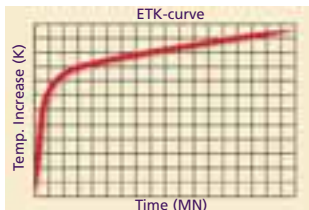
ERICO's research and development department is constantly researching, designing and developing new fixings and fasteners, and at the same time improving the current range of CADDY® products.





The fire-test

Per ERICO's request, the MPA, Braunschweig, Germany, conducted several tests on CADDY® Fasteners, which were 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 a Swiss manufacturer of cables and a 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



Fire Rating Classification

FIRE



The tests were successfully concluded within the specified norms.



ABP certificate

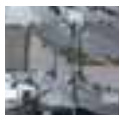
The systems after the fire-test

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+RIGD+ 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





Materials and Finishes

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 salt-spray test to SS-DIN 50021, ISO/R 1456-1970, ASTM B 117-90.

2 Stainless Steel

Stainless steel hammer-on fasteners are made of austenitic stainless steel type X12. Cr Ni 17-7 (AISI 302, Standard no. 1.4310, according to DIN 17224). 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). CADDY profiles, the associated fixing component and the strut nuts are normally made of standard n° 1.4571. All stainless steel finish CADDY® MACROFIX are manufactured from AISI 316 or 316L stainless steel.

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.

CADDY spring steel fasteners are designed for indoor and non-corrosive environments. ERICO does not recommend or support the use of any spring steel in outdoor applications, regardless of the coating technology, because of the potentially corrosive environment.

3 Hot Dip Galvanized

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

6 Laquered

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 thermoplastic. Economical price, 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)

14 Polyisocyanurate

15 Phenolic

21 CADDY® ARMOUR

The ERICO® CADDY® ARMOUR coating system features bi-metallic corrosion protection with an inorganic basecoat for sacrificial protection and an organic topcoat for barrier protection. The ERICO standard for CADDY ARMOUR includes at least 1,000 hours resistance against red rust when tested per the ASTM B117, DIN 50021, or ISO/R 1456 salt spray tests. ERICO CADDY ARMOUR is RoHS compliant.

22 Multi-Layer Corrosion Protection (MCP)

This highly-effective multi-layer corrosion protection consists of an SC3 zinc base coating with an electro-statically 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 corrosive environments.



Load Rating

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

Static Load in NEWTONS

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



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.

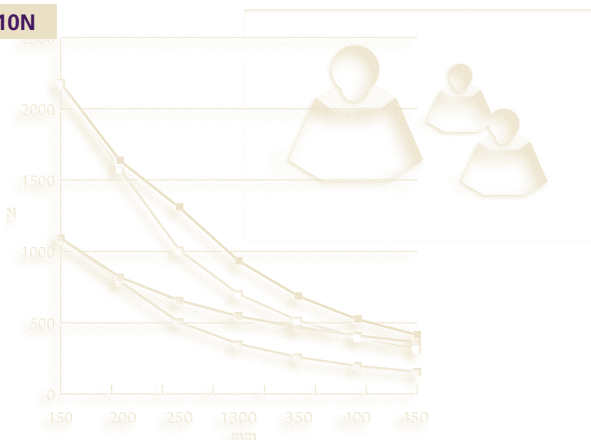
A load rating in this catalogue is only applicable if the load-bearing capacity of the supporting element (purlin, angle beam, flange, bar, etc.) is adequate.

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





Pipe Weights and Recommended Span

Size and weights for pipes according DIN 2448

Ø outside mm	Thickness mm	Weight kg/m	Plus water l/m	total weight kg/m	recommended span m
13,5	1,8	0,522	0,077	0,599	1,25
16,0	1,8	0,632	0,121	0,753	2,00
17,2	1,8	0,688	0,145	0,833	2,25
20,0	2,0	0,890	0,201	1,091	2,50
21,3	2,0	0,962	0,235	1,197	2,75
25,0	2,0	1,130	0,346	1,476	3,00
26,9	2,3	1,410	0,390	1,800	3,00
30,0	2,6	1,770	0,483	2,253	3,25
31,8	2,6	1,880	0,555	2,435	3,25
33,7	2,6	2,010	0,638	2,648	3,50
38,0	2,6	2,290	0,845	3,135	3,75
42,4	2,6	2,570	1,086	3,656	3,75
44,5	2,6	2,700	1,212	3,912	4,00
48,3	2,6	2,950	1,458	4,408	4,25
51,0	2,6	3,120	1,647	4,767	4,50
57,0	2,9	3,900	2,058	5,958	4,60
60,3	2,9	4,140	2,332	6,472	4,75
63,5	2,9	4,360	2,614	6,974	4,75
70,0	2,9	4,830	3,235	8,065	5,25
76,1	2,9	5,280	3,880	9,160	5,50
82,5	3,2	6,310	4,546	10,856	5,75
88,9	3,2	6,810	5,343	12,153	6,00
101,6	3,6	8,760	6,995	15,755	6,00
108,0	3,6	9,330	7,976	17,306	6,00
114,3	3,6	9,900	9,004	18,904	6,00
127,0	4,0	12,200	11,116	23,316	6,00
133,0	4,0	12,800	12,266	25,066	6,00
139,7	4,0	13,500	13,616	27,116	6,00
152,4	4,5	16,400	16,142	32,542	6,00
159,0	4,5	17,100	17,663	34,763	6,00
165,1	4,5	17,800	19,128	36,928	6,00
168,3	4,5	18,100	19,921	38,021	6,00
177,8	5,0	21,300	22,103	43,403	6,00
193,7	5,4	25,000	26,260	51,260	6,00
219,1	5,9	31,000	33,734	64,734	6,00
244,5	6,3	37,100	42,125	79,315	6,00
267,0	6,3	40,600	50,805	91,405	6,00

Pipes according DIN 2440

Nominal diameter "	Ø outside mm	Thickness mm	Weight kg/m	Plus water l/m	total weight kg/m	recommended span m
1/4	13,5	2,35	0,68	0,061	0,741	1,75
3/8	17,2	2,35	0,89	0,123	1,103	2,25
1/2	21,3	2,65	1,27	0,201	1,471	2,75
3/4	26,9	2,65	1,65	0,366	2,016	3,00
1	33,7	3,25	2,55	0,581	3,131	3,50
1-1/4	42,4	3,25	3,28	1,012	4,292	3,75
1-1/2	48,3	3,25	3,77	1,372	5,142	4,25
2	60,3	3,65	5,33	2,205	7,535	4,75
2-1/2	76,1	3,65	6,80	3,716	10,516	5,50
3	88,9	4,05	8,85	5,125	13,975	6,00
4	114,3	4,50	12,60	8,704	21,304	6,00
5	139,7	4,85	16,90	13,267	30,167	6,00
6	165,1	4,85	20,10	18,957	39,057	6,00



TECHNICAL INFORMATION

Pipe Weights and Recommended Span

Copper pipes according DIN 1786 and 1754

Ø outside mm	Thickness mm	Weight kg/m	Plus water l/m	total weight kg/m	recommended span m
10	1,0	0,252	0,050	0,302	1,25
12	1,0	0,308	0,079	0,387	1,25
15	1,0	0,391	0,133	0,524	1,25
18	1,0	0,475	0,201	0,676	1,50
22	1,0	0,587	0,314	0,901	2,00
22	1,5	0,860	0,283	1,143	2,00
28	1,5	1,110	0,491	1,601	2,25
35	1,5	1,410	0,804	2,214	2,75
42	1,5	1,700	1,194	2,894	3,00
54	2,0	2,910	1,963	4,873	3,50
64	2,0	3,470	2,826	6,296	4,00
70	2,0	3,800	3,419	7,219	4,00
74	2,0	4,030	3,847	7,877	4,25
80	2,0	4,360	4,534	8,894	4,25
104	2,0	5,700	7,850	13,550	4,75
125	3,0	10,200	11,116	21,316	5,00
131	3,0	10,700	12,266	22,966	5,00

Drain pipes PVC, hard

Nominal diameter DN	Ø outside mm	Thickness mm	Weight kg/m	Plus water l/m	total weight kg/m	recommended span m	
						20°	40°
40	50	1,8	0,244	1,040	1,284	1,40	1,10
50	63	1,8	0,308	1,690	1,988	1,50	1,20
70	75	1,9	0,490	3,440	3,930	1,65	1,35
100	110	2,7	1,025	6,981	8,006	2,00	1,70
125	125	3,1	1,351	11,079	12,430	2,25	1,95
150	160	3,9	2,158	15,873	18,031	2,40	2,10





Pipe Weights and Recommended Span

Ductile pipes, SML, DIN 19522

Nominal diameter DN	Ø outside mm	Thickness mm	Weight kg/m	Plus water l/m	total weight kg/m	recommended span m
40	48	3,0	3,000	1,400	4,400	
50	58	3,5	4,300	2,100	6,400	minimum 2
70	78	3,5	5,900	4,000	9,900	clamps
100	110	3,5	8,400	9,300	17,700	per pipe
125	135	4,0	11,800	12,700	24,500	and
150	160	4,0	14,100	18,200	32,300	fitting
200	210	5,0	23,100	31,500	54,600	
250	274	5,5	33,300	54,400	87,700	

Drain pipes, PE (Geberit)

Nominal diameter DN	Ø outside mm	Thickness mm	Weight kg/m	Plus water l/m	total weight kg/m	recommended span m
26	32	3,0	0,273	0,531	0,804	0,32
34	40	3,0	0,348	0,907	1,255	0,40
40 (44)	50	3,0	0,443	1,520	1,963	0,50
50	56	3,0	0,500	1,963	2,463	0,56
57	63	3,0	0,566	2,550	3,116	0,63
70	75	3,0	0,679	3,737	4,416	0,75
80	90	3,5	0,952	5,408	6,360	0,90
100	110	4,3	1,432	8,071	9,503	1,10
115 (125)	125	4,8	1,817	10,454	12,271	1,25
125	140	5,4	2,287	13,104	15,391	1,40
150	160	6,2	3,004	17,102	20,106	1,60
200	200	6,2	3,830	27,627	31,457	2,00
250	250	7,8	6,019	43,131	49,150	2,50



TECHNICAL INFORMATION

Overview Clamp to Pipe

PVC PP pipe	CADDY® SUPERFIX M8	DN Steelpipe acc. DIN	" Steelpipe acc. DIN	Supply pipes/Pressure pipes						
				DIN 2440/2441 Steelpipe	DIN 2448/2460 Steelpipe	DIN 17440 Stainless	DIN 1786 Copper	WICU Extra pipe/Isol.		WICU Special pipe/Isol.
				outs. Ø mm	outs. Ø mm	outs. Ø mm	outs. Ø mm	ring	rod	
		8	1/4"	13,5	13,5		12			8/12
					16		15			10/14
16	595050	10	3/8"	17,2	17,2	17,2	18			12/16
20										15/19
22	595055	15	1/2"	21,3	21,3	21,3	22			18/23
28	595060	20	3/4"	26,9	26,9	26,9	28	12/26		22/27
								15/29		
32	595065	25	1"	33,7	33,7	33,7	35	18/32	12/33	28/33
									15/37	
40	595070	32	1-1/4"	42,4	42,4	42,4	42		18/40	35/40
					44,5					
		40	1-1/2"	48,3	48,3	48,3			22/46	42/48
50	595075			51	51	51				
							54			
				57	57	57				
		50	2"	60,3	60,3	60,3				54/60
63	595080			63,5	63,5	63,5	64		28/64	
				70	70				35/72	
75	595085	65	2-1/2"	76,1	76,1	76,1	76,1			
90	595090	80	3"	88,9	88,9	88,9	88,9		42/91	
					101,6	101,6				
					108					
110	595095	100	4"	114,3	114,3		108			
									54/116	
				133	133	133	133			
		125	5"	139,7	139,7	139,7				
				159	159	159	159			
					165,1	165,1				
		150	6"	165,1	168,3	168,3				
				193,7	193,7	193,7				
						216				
		200	8"	219,1	219,1		219			





Overview Clamp to Pipe

Drain pipes					CADDY® SUPERFIX 243 M8	CADDY® SUPERFIX 243 M8/M10	CADDY® MACROFIX PLUS	CADDY® MACROFIX 250 M8	CADDY® MACROFIX 250 M8/M10	CADDY® MACROFIX S316
SML	HT	PE	Steel	Eternit						
DN : Ø	DN : Ø	DN : Ø	DN : Ø	DN : Ø						
					400055	400063	400078	595800	596460	595595
					400056	400064	400079	595810	596470	595600
					400057	400065	400080	595820	596480	595610
					400058	400066	400081	595830	596490	595620
		26 : 32			400059	400067	400082	595840	596500	595630
	40 : 40	34 : 40	40 : 42		400060	400068	400083	595850	596510	595640
40 : 48					400061	400069	400084	595858	595859	595645
	50 : 50	40 : 50	50 : 53		400062	400070	400085	595851	595860	595650
		50 : 56			589310	589350		595852	595870	595660
50 : 58					589320	400071	400086	595853	595880	595670
				50 : 64	400072	400087		595885	595675	
			70 : 73		400073	400088		596450	595680	
70 : 78	70 : 75	70 : 75			400074	400089		595890	595690	
				70 : 84	400075	400090		595900	595695	
								595910	595700	
			100 : 102		400076	400091		595920	595710	
100 : 110	100 : 110	100 : 110			400077	400092		595930	595720	
				100 : 116		400093				
	125 : 125	125 : 125				400094		595940		
125 : 135			125 : 133			400095		595980	595740	
						400096		595950	595750	
				125 : 141		400097		595950		
150 : 160	150 : 160	150 : 160	150 : 159			400098		595960	595755	
				150 : 168		400099		595970	595760	
						400100				
	200 : 200	200 : 200				400101		595971	595770	
200 : 210								595972	595775	
								595973		
			200 : 219	200 : 219				595973	595780	



TECHNICAL INFORMATION

Load data for C-Profiles EOL & EO

EOL		loading case A			loading case B		
L [mm]	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]	
250	738	2034	738	1477	3255	1477	
500	369	509	369	738	814	738	
750	246	226	226	492	362	362	
1000	185	127	127	369	203	203	
1250	148	81	81	295	130	130	
1500	123	57	57	246	90	90	
1750	105	42	42	211	66	66	
2000	92	32	32	185	51	51	

EOL		loading case C		
L [mm]	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]	
250	554	1194	554	
500	277	298	277	
750	185	133	133	
1000	138	75	75	
1250	111	48	48	
1500	92	33	33	
1750	79	24	24	
2000	69	19	19	

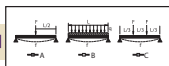
ly mm ⁴	2788
lz mm ⁴	8791
Sc mm	8.336
St mm	9.665
A mm ²	65.57

EO		loading case A			loading case B		
L [mm]	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]	
250	1920	8648	1920	3839	13837	3839	
500	960	2162	960	1920	3459	1920	
750	640	961	640	1280	1537	1280	
1000	480	540	480	960	865	865	
1250	384	346	346	768	553	553	
1500	320	240	240	640	384	384	
1750	274	176	176	548	282	282	
2000	240	135	135	480	216	216	

EO		loading case C		
L [mm]	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]	
250	1440	5076	1440	
500	720	1269	720	
750	480	564	480	
1000	360	317	317	
1250	288	203	203	
1500	240	141	141	
1750	206	104	104	
2000	180	79	79	

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

All load ratings in NEWTON [N]



$$f_{zul} = 160 \text{ N/mm}^2$$

$$f_{zul} = l/200$$





Load data for C-Profiles E1 & E2L

E1		loading case A			loading case B		
L [mm]	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]	
250	921	2100	921	1843	3360	1843	
500	461	525	461	921	840	840	
750	307	233	233	614	373	373	
1000	230	131	131	461	210	210	
1250	184	84	84	369	134	134	
1500	154	58	58	307	93	93	
1750	132	43	43	263	69	69	
2000	115	33	33	230	52	52	

E1		loading case C		
L [mm]	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]	
250	691	1232	691	
500	346	308	308	
750	230	137	137	
1000	173	77	77	
1250	138	49	49	
1500	115	34	34	
1750	99	25	25	
2000	86	19	19	

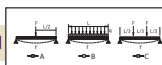
ly mm ⁴	2878
lz mm ⁴	14801
Sc mm	7.005
St mm	9.996
A mm ²	100.47

E2L		loading case A			loading case B		
L [mm]	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]	
250	1425	4267	1425	2850	6828	2850	
500	712	1067	712	1425	1707	1425	
750	475	474	474	950	759	759	
1000	356	267	267	712	427	427	
1250	285	171	171	570	273	273	
1500	237	119	119	475	190	190	
1750	204	87	87	407	139	139	
2000	178	67	67	356	107	107	

E2L		loading case C		
L [mm]	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]	
250	1069	2505	1069	
500	534	626	534	
750	356	278	278	
1000	267	157	157	
1250	214	100	100	
1500	178	70	70	
1750	153	51	51	
2000	134	39	39	

ly mm ⁴	5849
lz mm ⁴	20210
Sc mm	9.493
St mm	10.508
A mm ²	102.63

All load ratings in NEWTON [N]



$$f_{zul} = 160 \text{ N/mm}^2$$

$$f_{zul} = l/200$$



Load data for C-Profile E2

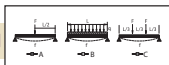
E2		loading case A			loading case B		
L[mm]	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]	
250	1990	5963	1990	3980	9541	3980	
500	995	1491	995	1990	2385	1990	
750	663	663	663	1327	1060	1060	
1000	498	373	373	995	596	596	
1250	398	239	239	796	382	382	
1500	332	166	166	663	265	265	
1750	284	122	122	569	195	195	
2000	249	93	93	498	149	149	

E2		loading case C		
L[mm]	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]	
250	1493	3500	1493	
500	746	875	746	
750	498	389	389	
1000	373	219	219	
1250	299	140	140	
1500	249	97	97	
1750	213	71	71	
2000	187	55	55	

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



All load ratings in NEWTON [N]



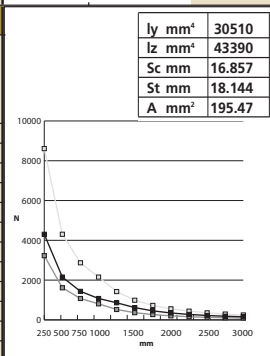
$\sigma_{zul} = 160 \text{ N/mm}^2$
 $f_{zul} = l/200$



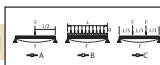
Load data for C-Profile E3

E3	loading case A			loading case B		
	L[mm]	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]	F from recommended tension [N]	F from recommended deflection [N]
250	4305	22260	4305	8610	35616	8610
500	2152	5565	2152	4305	8904	4305
750	1435	2473	1435	2870	3957	2870
1000	1076	1391	1076	2152	2226	2152
1250	861	890	861	1722	1425	1425
1500	717	618	618	1435	989	989
1750	615	454	454	1230	727	727
2000	538	348	348	1076	557	557
2250	478	275	275	957	440	440
2500	430	223	223	861	356	356
2750	391	184	184	783	294	294
3000	359	155	155	717	247	247

E3	loading case C		
	L[mm]	F from recommended tension [N]	F from recommended deflection [N]
250	3229	13066	3229
500	1614	3266	1614
750	1076	1452	1076
1000	807	817	807
1250	646	523	523
1500	538	363	363
1750	461	267	267
2000	404	204	204
2250	359	161	161
2500	323	131	131
2750	294	108	108
3000	269	91	91



All load ratings in NEWTON [N]



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

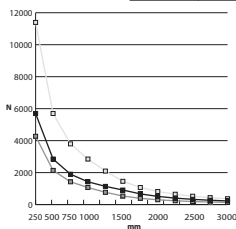


Load data for C-Profile E4

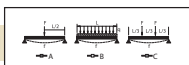
E4 L[mm]	loading case A			loading case B		
	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]
250	5697	32752	5697	11395	52403	11395
500	2849	8188	2849	5697	13101	5697
750	1899	3639	1899	3798	5823	3798
1000	1424	2047	1424	2849	3275	2849
1250	1139	1310	1139	2279	2096	2096
1500	950	910	910	1899	1456	1456
1750	814	668	668	1628	1069	1069
2000	712	512	512	1424	819	819
2250	633	404	404	1266	647	647
2500	570	328	328	1139	524	524
2750	518	271	271	1036	433	433
3000	475	227	227	950	364	364

E4 L[mm]	loading case C		
	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]
250	4273	19224	4273
500	2137	4806	2137
750	1424	2136	1424
1000	1068	1201	1068
1250	855	769	769
1500	712	534	534
1750	610	392	392
2000	534	300	300
2250	475	237	237
2500	427	192	192
2750	388	159	159
3000	356	133	133

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



All load ratings in NEWTON [N]



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

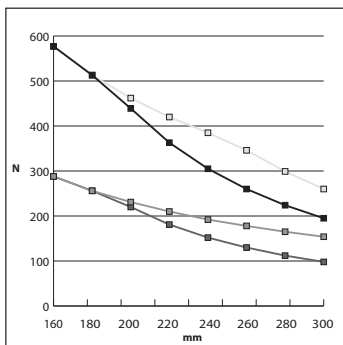




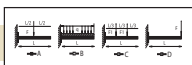
Load data for C-Cantilever C-EOL

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

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



All load ratings in NEWTON [N]



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

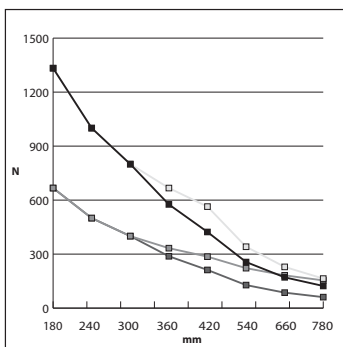


Load data for C-Cantilever C-E0

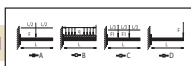
C-E0		loading case A			loading case B		
L[mm]	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]	
180	1333	2305	1333	1333	3073	1333	
240	1000	1296	1000	1000	1729	1000	
300	800	830	800	800	1106	800	
360	667	576	576	667	768	667	
420	571	423	423	571	564	564	
540	444	256	256	444	341	341	
660	364	171	171	364	229	229	
780	308	123	123	308	164	164	

C-E0		loading case C			loading case D		
L[mm]	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]	
180	667	3910	667	667	1152	667	
240	500	2199	500	500	648	500	
300	400	1408	400	400	415	400	
360	333	977	333	333	288	288	
420	286	718	286	286	212	212	
540	222	434	222	222	128	128	
660	182	291	182	182	86	86	
780	154	208	154	154	61	61	

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



All load ratings in NEWTON [N]



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

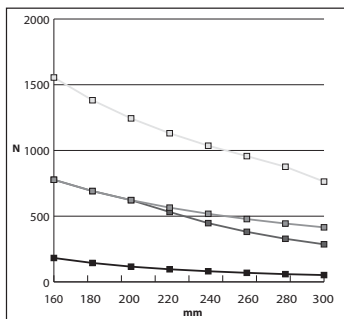




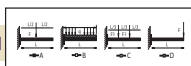
Load data for C-Cantilever C-E2

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

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



All load ratings in NEWTON [N]



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



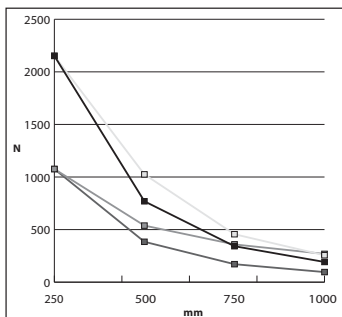
TECHNICAL INFORMATION

Load data for C-Cantilever C-E3

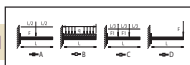
C-E3		loading case A			loading case B		
L[mm]	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]	
250	2152	3075	2152	2152	4101	2152	
500	1076	769	769	1076	1025	1025	
750	717	342	342	717	456	456	
1000	538	192	192	538	256	256	

C-E3		loading case C			loading case D		
L[mm]	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]	
250	1076	5217	1076	1076	1538	1076	
500	538	1304	538	538	384	384	
750	359	580	359	359	171	171	
1000	269	326	269	269	96	96	

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



All load ratings in NEWTON [N]



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



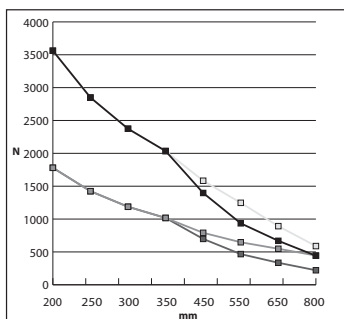


Load data for C-Cantilever C-E4

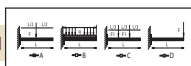
C-E4		loading case A			loading case B		
L[mm]	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]	
200	3561	7070	3561	3561	9427	3561	
250	2849	4525	2849	2849	6033	2849	
300	2374	3142	2374	2374	4190	2374	
350	2035	2309	2035	2035	3078	2035	
450	1583	1397	1397	1583	1862	1583	
550	1295	935	935	1295	1247	1247	
650	1096	669	669	1096	892	892	
800	890	442	442	890	589	589	

C-E4		loading case C			loading case D		
L[mm]	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]	
200	1780	11994	1780	1780	3535	1780	
250	1424	7676	1424	1424	2262	1424	
300	1187	5331	1187	1187	1571	1187	
350	1017	3916	1017	1017	1154	1017	
450	791	2369	791	791	698	791	
550	647	1586	647	647	467	647	
650	548	1136	548	548	335	548	
800	445	750	445	445	221	445	

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



All load ratings in NEWTON [N]



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

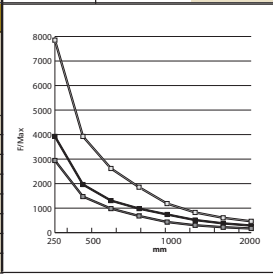


TECHNICAL INFORMATION

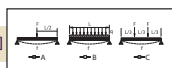
Load data for U-Profile UC 3 mm

UC 3mm	loading case A			loading case B		
L[mm]	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]
250	3925	18547	3925	7851	29676	7851
500	1963	4637	1963	3925	7419	3925
750	1308	2061	1308	2617	3297	2617
1000	981	1159	981	1963	1855	1855
1250	785	742	742	1570	1187	1187
1500	654	515	515	1308	824	824
1750	561	379	379	1122	606	606
2000	491	290	290	981	464	464

UC 3mm	loading case C		
L[mm]	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]
250	2944	10886	2944
500	1472	2722	1472
750	981	1210	981
1000	736	680	680
1250	589	435	435
1500	491	302	302
1750	421	222	222
2000	368	170	170



All load ratings in NEWTON [N]



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

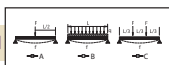


Load data for U-Profile UC 2 mm

UC 2mm	loading case A			loading case B		
L[mm]	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]
250	2859	13508	2859	5718	21613	5718
500	1429	3377	1429	2859	5403	2859
750	953	1501	953	1906	2401	1906
1000	715	844	715	1429	1351	1351
1250	572	540	540	1144	865	865
1500	476	375	375	953	600	600
1750	408	276	276	817	441	441
2000	357	211	211	715	338	338

UC 2mm	loading case C		
L[mm]	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]
250	2144	7928	2144
500	1072	1982	1072
750	715	881	715
1000	536	496	496
1250	429	317	317
1500	357	220	220
1750	306	162	162
2000	268	124	124

All load ratings in NEWTON [N]



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



TECHNICAL INFORMATION

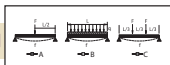
Load data for U-Profile UC 2 mm SS

UC 2mm SS		loading case A			loading case B		
L[mm]	F from recommended tension [N]	F from recommended deletion [N]	recommended load [N]	F from recommended tension [N]	F from recommended deletion [N]	recommended load [N]	
250	2859	12865	2859	5718	20584	5718	
500	1429	3216	1429	2859	5146	2859	
750	953	1429	953	1906	2287	1906	
1000	715	804	715	1429	1286	1286	
1250	572	515	515	1144	823	823	
1500	476	357	357	953	572	572	
1750	408	263	263	817	420	420	
2000	357	201	201	715	322	322	

UC 2mm SS		loading case C		
L[mm]	F from recommended tension [N]	F from recommended deletion [N]	recommended load [N]	
250	2144	7551	2144	
500	1072	1888	1072	
750	715	839	715	
1000	536	472	472	
1250	429	302	302	
1500	357	210	210	
1750	306	154	154	
2000	268	118	118	



All load ratings in NEWTON [N]



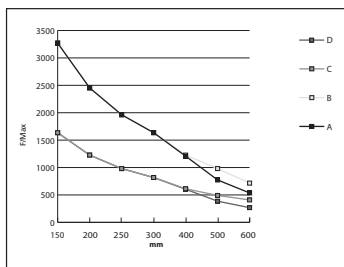
$\sigma_{zul} = 160 \text{ N/mm}^2$
 $f_{zul} = l/200$



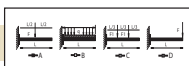
Load data for U-Cantilever CUC

CUC		loading case A			loading case B		
L[mm]	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]	
150	3271	8587	3271	3271	11449	3271	
200	2453	4830	2453	2453	6440	2453	
250	1963	3091	1963	1963	4122	1963	
300	1636	2147	1636	1636	2862	1636	
400	1227	1208	1208	1227	1610	1227	
500	981	773	773	981	1030	981	
600	818	537	537	818	716	716	

CUC		loading case C			loading case D		
L[mm]	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]	
150	1636	12880	1636	1636	4293	1636	
200	1227	7245	1227	1227	2415	1227	
250	981	4637	981	981	1546	981	
300	818	3220	818	818	1073	818	
400	613	1811	613	613	604	604	
500	491	1159	491	491	386	386	
600	409	805	409	409	268	268	



All load ratings in NEWTON [N]



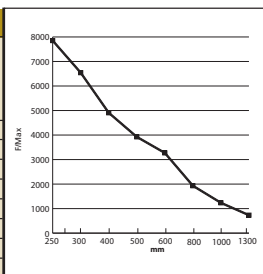
$\sigma_{zul} = 160 \text{ N/mm}^2$
 $f_{zul} = l/200$



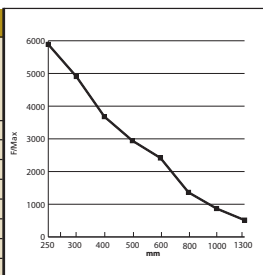
TECHNICAL INFORMATION

Load data for U-Cantilever CUCS

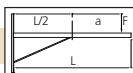
CUCS		loading case A		
L[mm]	a	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]
250	31	7851	19784	7851
300	38	6542	13739	6542
400	50	4907	7728	4907
500	63	3925	4946	3925
600	75	3271	3435	3271
800	100	2453	1932	1932
1000	125	1963	1236	1236
1300	163	1510	732	732



CUCS		loading case B		
L[mm]	a	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]
250	42	5888	13910	5888
300	50	4907	9660	4907
400	67	3680	5434	3680
500	83	2944	3478	2944
600	100	2453	2415	2415
800	133	1845	1363	1363
1000	167	1472	869	869
1300	217	1132	514	514



All load ratings in NEWTON [N]

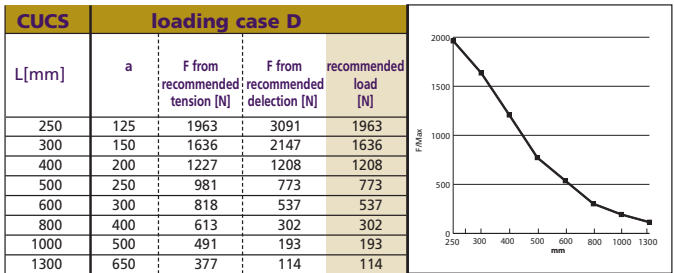
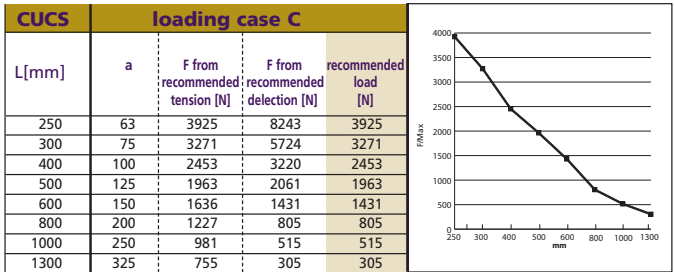


$\sigma_{zul} = 160 \text{ N/mm}^2$
 $f_{zul} = l/200$

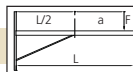




Load data for U-Cantilever CUCS



All load ratings in NEWTON [N]



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

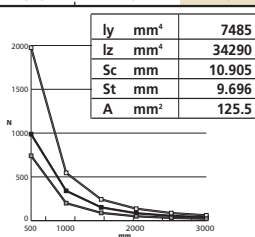


TECHNICAL INFORMATION

Load data for CADDY® ERISTRUT Profile LDC & MDC

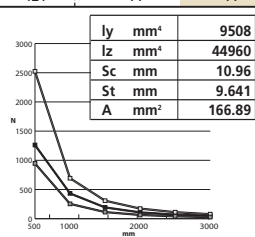
LDC	loading case A			loading case B		
	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]
500	988	1365	988	1976	2184	1976
1000	494	341	341	988	546	546
1500	329	152	152	659	243	243
2000	247	85	85	494	137	137
2500	198	55	55	395	87	87
3000	165	38	38	329	61	61

LDC	loading case C		
	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]
500	741	801	741
1000	371	200	200
1500	247	89	89
2000	185	50	50
2500	148	32	32
3000	124	22	22

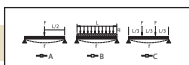


MDC	loading case A			loading case B		
	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]
500	1262	1734	1262	2524	2774	2524
1000	631	433	433	1262	693	693
1500	421	193	193	841	308	308
2000	315	108	108	631	173	173
2500	252	69	69	505	111	111
3000	210	48	48	421	77	77

MDC	loading case C		
	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]
500	946	1018	946
1000	473	254	254
1500	315	113	113
2000	237	64	64
2500	189	41	41
3000	158	28	28



All load ratings in NEWTON [N]



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

$$f_{zul} = l/200$$



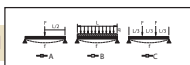
Load data for CADDY® ERISTRUT Profile DC

DC		loading case A			loading case B		
L[mm]	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]	
500	1309	1824	1309	2619	2918	2619	
1000	655	456	456	1309	730	730	
1500	436	203	203	873	324	324	
2000	327	114	114	655	182	182	
2500	262	73	73	524	117	117	
3000	218	51	51	436	81	81	

DC		loading case C		
L[mm]	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]	
500	982	1070	982	
1000	491	268	268	
1500	327	119	119	
2000	245	67	67	
2500	196	43	43	
3000	164	30	30	

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]



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



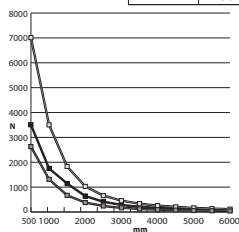
TECHNICAL INFORMATION

Load data for CADDY® ERISTRUT Profile DDC

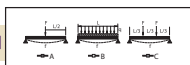
DDC	loading case A			loading case B		
	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]
500	3506	10291	3506	7011	16466	7011
1000	1753	2573	1753	3506	4116	3506
1500	1169	1143	1143	2337	1830	1830
2000	876	643	643	1753	1029	1029
2500	701	412	412	1402	659	659
3000	584	286	286	1169	457	457
3500	501	210	210	1002	336	336
4000	438	161	161	876	257	257
4500	390	127	127	779	203	203
5000	351	103	103	701	165	165
5500	319	85	85	637	136	136
6000	292	71	71	584	114	114

DDC	loading case C		
	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]
500	2629	6040	2629
1000	1315	1510	1315
1500	876	671	671
2000	657	378	378
2500	526	242	242
3000	438	168	168
3500	376	123	123
4000	329	94	94
4500	292	75	75
5000	263	60	60
5500	239	50	50
6000	219	42	42

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



All load ratings in NEWTON [N]



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

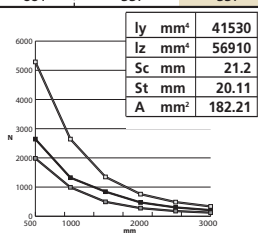




Load data for CADDY® ERISTRUT Profile LAC & MAC

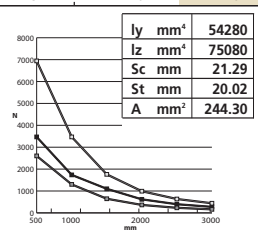
LAC	loading case A			loading case B		
	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]
500	2643	7575	2643	5287	12120	5287
1000	1322	1894	1322	2643	3030	2643
1500	881	842	842	1762	1347	1347
2000	661	473	473	1322	758	758
2500	529	303	303	1057	485	485
3000	441	210	210	881	337	337

LAC	loading case C		
	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]
500	1983	4446	1983
1000	991	1112	991
1500	661	494	494
2000	496	278	278
2500	397	178	178
3000	330	124	124

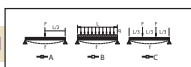


MAC	loading case A			loading case B		
	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]
500	3470	9901	3470	6941	15841	6941
1000	1735	2475	1735	3470	3960	3470
1500	1157	1100	1100	2314	1760	1760
2000	868	619	619	1735	990	990
2500	684	396	396	1388	634	634
3000	578	275	275	1157	440	440

MAC	loading case C		
	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]
500	2603	5811	2603
1000	1301	1453	1301
1500	868	646	646
2000	651	363	363
2500	521	232	232
3000	434	161	161



All load ratings in NEWTON [N]



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



TECHNICAL INFORMATION

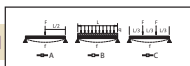
Load data for CADDY® ERISTRUT Profile AC

AC		loading case A			loading case B		
L[mm]	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]	
500	3811	10980	3811	7622	17569	7622	
1000	1905	2745	1905	3811	4392	3811	
1500	1270	1220	1220	2541	1952	1952	
2000	953	686	686	1905	1098	1098	
2500	762	439	439	1524	703	703	
3000	635	305	305	1270	488	488	

AC		loading case C		
L[mm]	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]	
500	2858	6445	2858	
1000	1429	1611	1429	
1500	953	716	716	
2000	715	403	403	
2500	572	258	258	
3000	476	179	179	

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

All load ratings in NEWTON [N]



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





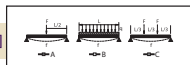
Load data for CADDY® ERISTRUT Profile AS

AS		loading case A			loading case B		
L[mm]	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]	
500	4014	11243	4014	8027	17989	8027	
1000	2007	2811	2007	4014	4497	4014	
1500	1338	1249	1249	2676	1999	1999	
2000	1003	703	703	2007	1124	1124	
2500	803	450	450	1605	720	720	
3000	669	312	312	1338	500	500	
3500	573	229	229	1147	367	367	
4000	502	176	176	1003	281	281	
4500	446	139	139	892	222	222	
5000	401	112	112	803	180	180	
5500	365	93	93	730	149	149	
6000	334	78	78	669	125	125	

AS		loading case C		
L[mm]	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]	
500	3010	6599	3010	
1000	1505	1650	1505	
1500	1003	733	733	
2000	753	412	412	
2500	602	264	264	
3000	502	183	183	
3500	430	135	135	
4000	376	103	103	
4500	334	81	81	
5000	301	66	66	
5500	274	55	55	
6000	251	46	46	

ly mm ⁴	61640
Iz mm ⁴	68570
Sc mm	21.65
St mm	19.658
A mm ²	239.5

All load ratings in NEWTON [N]



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

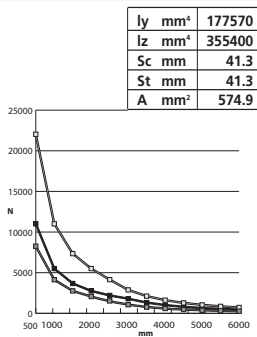


TECHNICAL INFORMATION

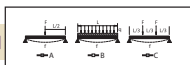
Load data for CADDY® ERISTRUT Profile AAC

AAC	loading case A			loading case B		
	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]
500	11015	64825	11015	22030	103720	22030
1000	5507	16206	5507	11015	25930	11015
1500	3672	7203	3672	7343	11524	7343
2000	2754	4052	2754	5507	6482	5507
2500	2203	2593	2203	4406	4149	4149
3000	1836	1801	1801	3672	2881	2881
3500	1574	1323	1323	3147	2117	2117
4000	1377	1013	1013	2754	1621	1621
4500	1224	800	800	2448	1280	1280
5000	1101	648	648	2203	1037	1037
5500	1001	536	536	2003	857	857
6000	918	450	450	1836	720	720

AAC	loading case C		
	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]
500	8261	38049	8261
1000	4131	9512	4131
1500	2754	4228	2754
2000	2065	2378	2065
2500	1652	1522	1522
3000	1377	1057	1057
3500	1180	777	777
4000	1033	595	595
4500	918	470	470
5000	826	380	380
5500	751	314	314
6000	688	264	264



All load ratings in NEWTON [N]



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

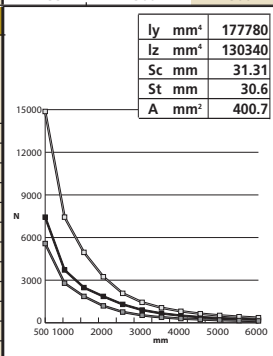




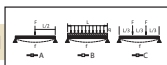
Load data for CADDY® ERISTRUT Profile MC

MC	loading case A			loading case B		
	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]
500	7437	32427	7437	14873	51883	14873
1000	3718	8107	3718	7437	12971	7437
1500	2479	3603	2479	4958	5765	4958
2000	1859	2027	1859	3718	3243	3243
2500	1487	1297	1297	2975	2075	2075
3000	1239	901	901	2479	1441	1441
3500	1062	662	662	2125	1059	1059
4000	930	507	507	1859	811	811
4500	826	400	400	1653	641	641
5000	744	324	324	1487	519	519
5500	676	268	268	1352	429	429
6000	620	225	225	1239	360	360

MC	loading case C		
	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]
500	5577	19033	5577
1000	2789	4758	2789
1500	1859	2115	1859
2000	1394	1190	1190
2500	1115	761	761
3000	930	529	529
3500	797	388	388
4000	697	297	297
4500	620	235	235
5000	558	190	190
5500	507	157	157
6000	465	132	132



All load ratings in NEWTON [N]



$$f_{zul} = 160 \text{ N/mm}^2$$

$$f_{zul} = l/200$$



TECHNICAL INFORMATION

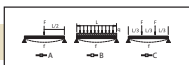
Load data for CADDY® ERISTRUT Profile MMC

MMC		loading case A			loading case B		
L[mm]	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]	
500	22862	201661	22862	45724	322658	45724	
1000	11431	50415	11431	22862	80665	22862	
1500	7621	22407	7621	15241	35851	15241	
2000	5716	12604	5716	11431	20166	11431	
2500	4572	8066	4572	9145	12906	9145	
3000	3810	5602	3810	7621	8963	7621	
3500	3266	4116	3266	6532	6585	6532	
4000	2858	3151	2858	5716	5042	5042	
4500	2540	2490	2490	5080	3983	3983	
5000	2286	2017	2017	4572	3227	3227	
5500	2078	1667	1667	4157	2667	2667	
6000	1905	1400	1400	3810	2241	2241	

MMC		loading case C		
L[mm]	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]	
500	17147	118366	17147	
1000	8573	29591	8573	
1500	5716	13152	5716	
2000	4287	7398	4287	
2500	3429	4735	3429	
3000	2858	3288	2858	
3500	2450	2416	2416	
4000	2143	1849	1849	
4500	1905	1461	1461	
5000	1715	1184	1184	
5500	1559	978	978	
6000	1429	822	822	

ly mm ⁴	1105600
lz mm ⁴	260600
Sc mm	61.9
St mm	61.9
A mm ²	801.4

All load ratings in NEWTON [N]



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

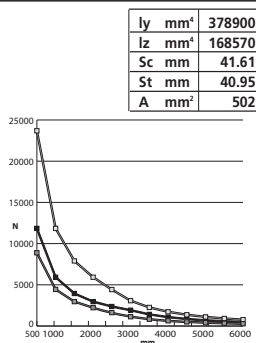




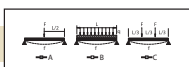
Load data for CADDY® ERISTRUT Profile KC

KC	loading case A			loading case B		
	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]
500	11844	69111	11844	23687	110578	23687
1000	5922	17278	5922	11844	27645	11844
1500	3948	7679	3948	7896	12286	7896
2000	2961	4319	2961	5922	6911	5922
2500	2369	2764	2369	4737	4423	4423
3000	1974	1920	1920	3948	3072	3072
3500	1692	1410	1410	3384	2257	2257
4000	1480	1080	1080	2961	1728	1728
4500	1316	853	853	2632	1365	1365
5000	1184	691	691	2369	1106	1106
5500	1077	571	571	2153	914	914
6000	987	480	480	1974	768	768

KC	loading case C		
	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]
500	8883	40565	8883
1000	4441	10141	4441
1500	2961	4507	2961
2000	2221	2535	2221
2500	1777	1623	1623
3000	1480	1127	1127
3500	1269	828	828
4000	1110	634	634
4500	987	501	501
5000	888	406	406
5500	808	335	335
6000	740	282	282



All load ratings in NEWTON [N]



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

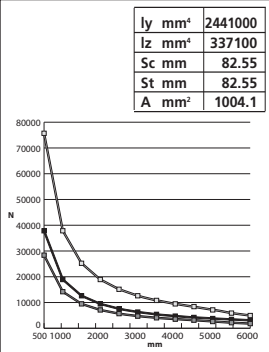


TECHNICAL INFORMATION

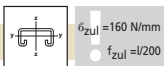
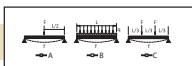
Load data for CADDY® ERISTRUT Profile KKC

KKC	loading case A			loading case B		
	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]
500	37850	445238	37850	75699	712381	75699
1000	18925	111310	18925	37850	178095	37850
1500	12617	49471	12617	25233	79153	25233
2000	9462	27827	9462	18925	44524	18925
2500	7570	17810	7570	15140	28495	15140
3000	6308	12368	6308	12617	19788	12617
3500	5407	9086	5407	10814	14538	10814
4000	4731	6957	4731	9462	11131	9462
4500	4206	5497	4206	8411	8795	8411
5000	3785	4452	3785	7570	7124	7124
5500	3441	3680	3441	6882	5887	5887
6000	3154	3092	3092	6308	4947	4947

KKC	loading case C		
	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]
500	28387	261333	28387
1000	14194	65333	14194
1500	9462	29037	9462
2000	7097	16333	7097
2500	5677	10453	5677
3000	4731	7259	4731
3500	4055	5333	4055
4000	3548	4083	3548
4500	3154	3226	3154
5000	2839	2613	2613
5500	2581	2160	2160
6000	2366	1815	1815



All load ratings in NEWTON [N]



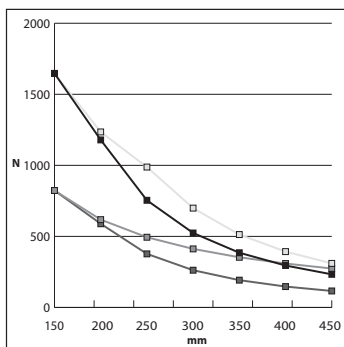


Load data for CADDY® ERISTRUT Cantilever CLDC

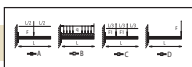
CLDC		loading case A			loading case B		
L[mm]	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]	
150	1647	2096	1647	1647	2794	1647	
200	1235	1179	1179	1235	1572	1235	
250	988	754	754	988	1006	988	
300	823	524	524	823	699	699	
350	706	385	385	706	513	513	
400	618	295	295	618	393	393	
450	549	233	233	549	310	310	

CLDC		loading case C			loading case D		
L[mm]	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]	
150	823	3555	823	823	1048	823	
200	618	2000	618	618	589	589	
250	494	1280	494	494	377	377	
300	412	889	412	412	262	262	
350	353	653	353	353	192	192	
400	309	500	309	309	147	147	
450	274	395	274	274	116	116	

I_y mm ⁴	7485
I_z mm ⁴	34290
S_c mm	10.905
S_t mm	9.696
A mm ²	125.5



All load ratings in NEWTON [N]



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



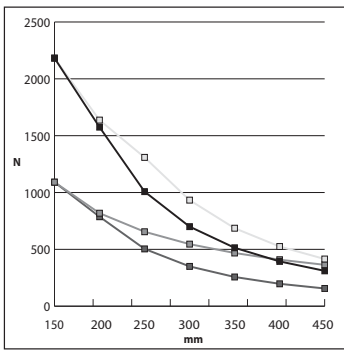
TECHNICAL INFORMATION

Load data for CADDY® ERISTRUT Cantilever CDC

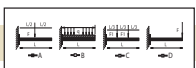
CDC		loading case A			loading case B		
L[mm]	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]	
150	2182	2800	2182	2182	3733	2182	
200	1637	1575	1575	1637	2100	1637	
250	1309	1008	1008	1309	1344	1309	
300	1091	700	700	1091	933	933	
350	935	514	514	935	686	686	
400	818	394	394	818	525	525	
450	727	311	311	727	415	415	

CDC		loading case C			loading case D		
L[mm]	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]	
150	1091	4750	1091	1091	1400	1091	
200	818	2672	818	818	787	787	
250	655	1710	655	655	504	504	
300	546	1187	546	546	350	350	
350	468	872	468	468	257	257	
400	409	668	409	409	197	197	
450	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]



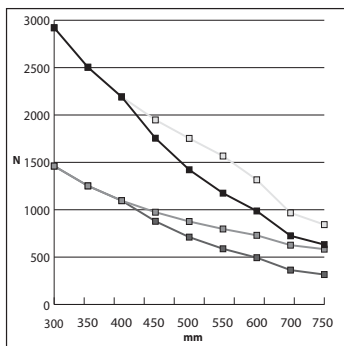
$\sigma_{zul} = 160 \text{ N/mm}^2$
 $f_{zul} = l/200$



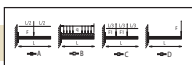
Load data for CADDY® ERISTRUT Cantilever CDDC

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



All load ratings in NEWTON [N]



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



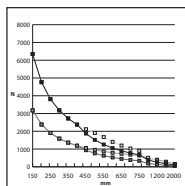
TECHNICAL INFORMATION

Load data for CADDY® ERISTRUT Cantilever CAC

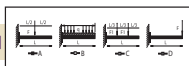
CAC		loading case A			loading case B		
L[mm]	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]	
150	6351	16856	6351	6351	22475	6351	
200	4764	9482	4764	4764	12642	4764	
250	3811	6068	3811	3811	8091	3811	
300	3176	4214	3176	3176	5619	3176	
350	2722	3096	2722	2722	4128	2722	
400	2382	2370	2370	2382	3161	2382	
450	2117	1873	1873	2117	2497	2117	
500	1905	1517	1517	1905	2023	1905	
550	1732	1254	1254	1732	1672	1732	
600	1588	1054	1054	1588	1405	1588	
650	1466	898	898	1466	1197	1466	
700	1361	774	774	1361	1032	1361	
750	1270	674	674	1270	899	1270	
1000	953	379	379	953	506	953	
1200	794	263	263	794	351	794	
1500	635	169	169	635	225	635	
2000	476	95	95	476	126	476	

CAC		loading case C			loading case D		
L[mm]	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]	
150	3176	28595	3176	3176	8428	3176	
200	2382	16085	2382	2382	4741	2382	
250	1905	10294	1905	1905	3034	1905	
300	1588	7149	1588	1588	2107	1588	
350	1361	5252	1361	1361	1548	1361	
400	1191	4021	1191	1191	1185	1185	
450	1059	3177	1059	1059	936	1059	
500	953	2574	953	953	759	953	
550	866	2127	866	866	627	866	
600	794	1787	794	794	527	794	
650	733	1523	733	733	449	733	
700	681	1313	681	681	387	681	
750	635	1144	635	635	337	635	
1000	476	643	476	476	190	476	
1200	397	447	397	397	132	397	
1500	318	286	318	318	84	318	
2000	238	161	238	238	47	238	

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



All load ratings in NEWTON [N]



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

$$f_{zul} = l/200$$



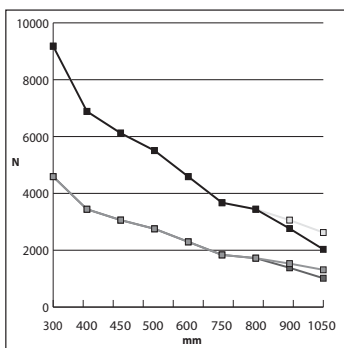


Load data for CADDY® ERISTRUT Cantilever CAAC

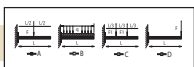
CAAC		loading case A			loading case B		
L[mm]	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]	
300	9179	24878	9179	9179	33171	9179	
400	6884	13994	6884	6884	18659	6884	
450	6119	11057	6119	6119	14743	6119	
500	5507	8956	5507	5507	11941	5507	
600	4590	6220	4590	4590	8293	4590	
750	3672	3980	3672	3672	5307	3672	
800	3442	3498	3442	3442	4665	3442	
900	3060	2764	2764	3060	3686	3060	
1050	2623	2031	2031	2623	2708	2623	

CAAC		loading case C			loading case D		
L[mm]	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]	F from recommended tension [N]	F from recommended deflection [N]	recommended load [N]	
300	4590	42204	4590	4590	12439	4590	
400	3442	23740	3442	3442	6997	3442	
450	3060	18757	3060	3060	5528	3060	
500	2754	15193	2754	2754	4478	2754	
600	2295	10551	2295	2295	3110	2295	
750	1836	6753	1836	1836	1990	1836	
800	1721	5935	1721	1721	1749	1721	
900	1530	4689	1530	1530	1382	1382	
1050	1311	3445	1311	1311	1015	1015	

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



All load ratings in NEWTON [N]



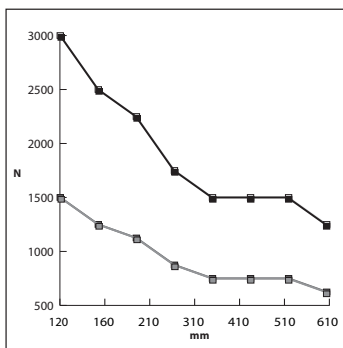
$\sigma_{zul} = 160 \text{ N/mm}^2$
 $f_{zul} = l/200$



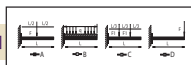
TECHNICAL INFORMATION

Load data for CADDY® ERISTRUT Cantilever CTRI

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



All load ratings in NEWTON [N]



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

$$f_{zul} = l/200$$



UL® LISTING & TESTED WORKING LOAD CHART FOR SWAY BRACES* FROM ERICO®

Pipe Size (in)	Working Load Per U.L. 203A (N)	Model TP220**	Model TP225	Model TP225G
2	1690	LISTED	LISTED	LISTED
2-1/2	1760	LISTED	LISTED	LISTED
3	1940	LISTED	LISTED	LISTED
3-1/2	2400	LISTED	LISTED	LISTED
4	2900	LISTED**	LISTED	LISTED
5	4160	LISTED	LISTED	LISTED
6	5630	NOT LISTED	NOT LISTED	LISTED
8	8960	NOT LISTED	NOT LISTED	LISTED
Pipe Size (in)	Model TP230	Model TP230G	Model TP235	Model TP240
2	LISTED	NOT LISTED	LISTED	LISTED
2-1/2	LISTED	NOT LISTED	LISTED	LISTED
3	LISTED	NOT LISTED	LISTED	LISTED
3-1/2	NOT LISTED	LISTED	LISTED	LISTED
4	NOT LISTED	LISTED	LISTED	LISTED
5	NOT LISTED	LISTED	LISTED	LISTED
6	NOT LISTED	LISTED	LISTED	NOT LISTED
8	NOT LISTED	LISTED	LISTED	NOT LISTED

*See website for latest updates at www.erico.com

** TP220 list only through 4" pipe for schedule 10 pipe

CADDY® brand of Sway Braces:

- are UL® tested and Listed for use with ASTM® schedule 10 and 40 brace pipe
- meet the full UL rated load when used with 1" or 1-1/4" schedule 40 brace pipe
- meet the UL requirement that lateral braces must support a load equal to 1-1/2 times the working load without slippage. Actual working load capacity can be more than UL203A above. See our rated loads on the UL website.



CADDY®

Spring Steel Clips

1a. Description

CADDY® clips 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 CADDY® spring steel clips is simple and easy:

In each box of CADDY, you will find a clear instruction sheet with all appropriate technical information.

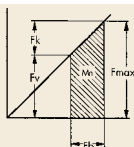
1c. Basic Guidelines

ERICO DOES NOT RECOMMEND THE INSTALLATION OF CADDY® SPRING STEEL 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.

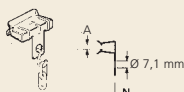
NEVER APPLY ADDITIONAL HOT DIP GALVANISING TO CADDY SPRING STEEL CLIPS:

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

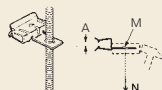


Explanation of the diagram:

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



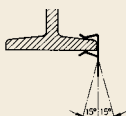
Code	A(mm)	↓ N
2H4	2-3	700
4H24	3-8	900
4H58	8-14	900
4H912	14-20	900



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





CADDY®

"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 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 helps ensure a constant contact pressure with a high resistance to loosening or unscrewing.

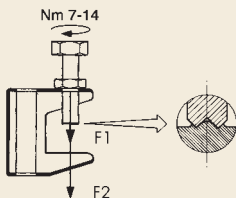
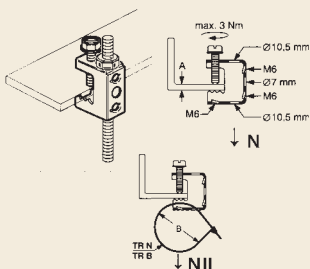
The endurance of a clamped connection is determined by the torque required.

2c. Indirect Clamp

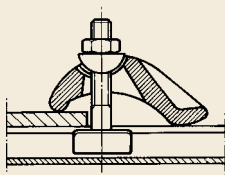
In this application, the bolt setting forces are transferred to the clamping component.

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.



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



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

Item #	Description	Page	Item #	Description	Page
129325	CADDY® EZ RISER 510 1/2"	27, 51	159442	TDHP MK2 BLADE SET	192,267
129325	CADDY EZ RISER 510 1/2"	27,51	160000	T104	253
129326	CADDY EZ RISER 510 3/4"	27,51	160010	T1024	253
129326	CADDY EZ RISER 510 3/4"	27,51	160020	T1058	253
129327	CADDY EZ RISER 510 1"	27, 51	160030	T10912	253
129327	CADDY EZ RISER 510 1"	27, 51	160040	812M45M	255
129328	CADDY EZ RISER 510 1-1/4"	27, 51	160050	812M245M	255
129328	CADDY EZ RISER 510 1-1/4"	27, 51	160060	812M585M	255
129329	CADDY EZ RISER 510 1-1/2"	27, 51	160070	812M9125M	255
129330	CADDY EZ RISER 510 2"	27, 51	160120	812EM24	255
129330	CADDY EZ RISER 510 2"	27, 51	160130	812EM58	255
129331	CADDY EZ RISER 510 2-1/2"	27, 51	160140	812EM912	255
129331	CADDY EZ RISER 510 2-1/2"	27, 51	160180	EBC812MSM	261
129332	CADDY EZ RISER 510 3"	27, 51	160200	EBC812M	261
129332	CADDY EZ RISER 510 3"	27, 51	160220	T10J1	258
129333	CADDY EZ RISER 510 4"	27, 51	160230	T10J2	258
129333	CADDY EZ RISER 510 4"	27, 51	160240	122T10	263
129333	CADDY EZ RISER 510 4"	27, 51	160250	EERT10	265
129334	CADDY EZ RISER 510 5"	27, 51	160260	T10	270
129334	CADDY EZ RISER 510 5"	27, 51	160280	T10B	270
129335	CADDY EZ RISER 510 6"	27, 51	160300	MFASM25	164
129335	CADDY EZ RISER 510 6"	27, 51	160330	M8GTD12-17	268
129336	CADDY EZ RISER 510 8"	27, 51	160340	M10GTD12-17	268
129336	CADDY EZ RISER 510 8"	27, 51	160360	M8GTD17-22	268
129337	CADDY EZ RISER 510 10"	27, 51	160370	M10GTD17-22	268
129337	CADDY EZ RISER 510 10"	27, 51	160380	10GTD12-17	268
129338	CADDY EZ RISER 510 12"	27, 51	160390	10GTD17-22	268
129338	CADDY EZ RISER 510 12"	27, 51	160510	SCA	280
129339	RISER CLAMP 510 14"	27, 51	160920	WDCM8	267
129339	RISER CLAMP 510 14"	27, 51	160930	WDCM10	267
129340	RISER CLAMP 510 16"	27, 51	170010	2H4	251
129340	RISER CLAMP 510 16"	27, 51	170020	4H24	251
129341	RISER CLAMP 510 18"	27, 51	170030	4H58	251
129341	RISER CLAMP 510 18"	27, 51	170040	4H912	251
129342	RISER CLAMP 510 20"	27, 51	170050	EM24	256
129342	RISER CLAMP 510 20"	27, 51	170060	EM58	256
129343	RISER CLAMP 510 24"	27, 51	170070	EM912	256
129343	RISER CLAMP 510 24"	27, 51	170150	4H24i	251
142390	CADDY®-ISOL 22mmx30 1/2" / M8	245	170170	2H4CTBW	252
142400	CADDY-ISOL 28mmx30 1/2" / M8	245	170180	4H24CTBW	252
142420	CADDY-ISOL 17,2mmx30 1/2" / M8	245	170190	4H58CTBW	252
142430	CADDY-ISOL 21,3mmx30 1/2" / M8	245	170200	4H912CTBW	252
142440	CADDY-ISOL 26,9mmx30 1/2" / M8	245	170210	2H4CTBB	252
142450	CADDY-ISOL 33,7mmx30 1/2" / M8	245	170220	4H24CTBB	252
142460	CADDY-ISOL 42,4mmx30 1/2" / M8	245	170240	4H58CTBB	252
142470	CADDY-ISOL 48,3mmx30 1/2" / M8	245	170250	4H58i	251
142480	CADDY-ISOL 57mmx30 1/2" / M8	245	170260	4H912CTBB	252
142490	CADDY-ISOL 60,3mmx30 1/2" / M8	245	170280	4H24CTBR-2	302
142495	CADDY-ISOL 63,5mmx30 1/2" / M8	245	170300	4H58CTBR-2	302
142500	CADDY-ISOL 70mmx30 1/2" / M10	245	170310	4H912CTBR-2	302
142510	CADDY-ISOL 76,1mmx30 1/2" / M10	245	170370	J1	258
142520	CADDY-ISOL 88,9mmx30 1/2" / M10	245	170380	EBC	261
142530	CADDY-ISOL 108mmx30 1/2" / M10	245	170530	EM245M	256
142540	CADDY-ISOL 114,3mmx40 1/2" / M10	245	170660	K8	270
142550	CADDY-ISOL 133mmx40 1/2" / M10	245	170670	K12	270
142560	CADDY-ISOL 139,7mmx40 1/2" / M10	245	170680	K16	270
142570	CADDY-ISOL 159mmx40 1/2" / M10	245	170690	K20	270
142580	CADDY-ISOL 168,3mmx40 1/2" / M10	245	170870	KX	270
142590	CADDY-ISOL 219,1mmx60 1/2" / M10	245	170900	M8Ti	270
142600	CADDY-ISOL 273mmx60 M16	245	170910	M10Ti	270
142610	CADDY-ISOL 324mmx60 M20	245	171120	AB	270
142620	CADDY-ISOL 35mmx30 1/2" / M8	245	171470	EER	264
159441	TDHP MK2	192,267	171490	16EM58	257
159441	TDHP MK2	192,267	171500	4H24T3	251
159442	TDHP MK2 BLADE SET	192,267	171530	4H58T3	251
			171590	J2	258
			171640	4H912ST3	251
			171690	122	262
			171740	16EM24	257
			171760	558	254



Item #	Description	Page	Item #	Description	Page
171770	S912	254	174690	122 M8MA	263
171800	20EM24	257	174700	122 M10MA	263
171810	SR24	254	174800	M6T1	270
171850	EM9125M	256	174810	M6T4	253
171950	20EM58	257	174820	M6T124	253
171960	24EM24	257	174830	M6T158	253
171970	24EM58	257	174840	M6T1912	253
172020	SR912	254	174900	M8T14	253
172030	S24	254	174910	M8T124	253
172060	EM585M	256	174920	M8T158	253
172130	8MEBN	256	174930	M8T1912	253
172140	10MEBN	271	174940	M8T1B	271
172150	8EP24	256	174960	M8T1J1	258
172160	8EP58	256	174970	M8T1J2	258
172505	EHS KIT 650X1700	96	174980	122M8T1	263
172506	EHS KIT 490X1700	96	174990	M10T4	253
172507	EHS KIT 900X1700	96	175000	M10T124	253
172590	EBC16M	261	175010	M10T158	253
172600	EBC20M	261	175020	M10T912	253
172610	EBC24M	261	175030	M10T1B	271
172620	EBC32M	261	175050	M10TJ1	258
172660	EBC16MSM	261	175060	M10TJ2	258
172670	EBC20MSM	261	175070	122M10T1	263
172680	EBC24MSM	261	175100	8EP912	256
172690	EBC32MSM	261	175210	12P45M	255
172700	EBCRP	262	175220	12P245M	255
172710	EBC12P	262	175230	12P585M	255
172720	EBC16P	262	175240	12P9125M	255
172950	4Z3ACTS	269	175480	S4	254
172960	6Z3ACTS	269	175540	SR4	254
173080	EERS	264	175550	SR58	254
173130	EERM8T1	265	175590	PW2	262
173140	EERM10T1	265	175610	PW2M8T1 IN	269
173180	EERM8MA	265	175620	PW2M10T1 IN	269
173190	EERM10MA	265	175630	PW2T10T1 IN	269
173270	M8MA4	253	178300	CADDY* SLOT LOCK 427 1/2"	2650
173280	M8MA24	253	178300	CADDY SLOT LOCK 427 1/2"	2650
173290	M8MAS8	253	178301	CADDY SLOT LOCK 427 3/4"	2650
173300	M8MA912	253	178301	CADDY SLOT LOCK 427 3/4"	2650
173310	M10MA4	253	178302	CADDY SLOT LOCK 427 1"	2650
173320	M10MA24	253	178302	CADDY SLOT LOCK 427 1"	2650
173330	M10MA58	253	178303	CADDY SLOT LOCK 427 1-1/4"	2650
173340	M10MA912	253	178303	CADDY SLOT LOCK 427 1-1/4"	2650
173360	M8MAJ1	258	178304	CADDY SLOT LOCK 427 1-1/2"	2650
173370	M10MAJ1	258	178304	CADDY SLOT LOCK 427 1-1/2"	2650
173390	M8MAJ2	258	178305	CADDY SLOT LOCK 427 2"	2650
173400	M10MAJ2	258	178305	CADDY SLOT LOCK 427 2"	2650
173420	2H45T3	251	178306	CADDY SLOT LOCK 427 2-1/2"	2650
173440	M8MAB	271	178306	CADDY SLOT LOCK 427 2-1/2"	2650
173450	M10MAB	271	178307	CADDY SLOT LOCK 427 3"	2650
173570	16EM912	257	178307	CADDY SLOT LOCK 427 3"	2650
173580	20EM912	257	178308	CADDY SLOT LOCK 427 4"	2650
173590	24EM912	257	178308	CADDY SLOT LOCK 427 4"	2650
173600	32EM24	257	178309	CADDY SLOT LOCK 427 5"	2650
173610	32EM58	257	178309	CADDY SLOT LOCK 427 5"	2650
173620	32EM912	257	178310	CADDY SLOT LOCK 427 6"	2650
174340	CADDY* SLICK NUT M8	147	178310	CADDY SLOT LOCK 427 6"	2650
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CADDY SLOT LOCK 427 1-1/2"	178304	26,50
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CADDY SLOT LOCK 427 1-1/4"	178303	26,50
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CADDY SLOT LOCK 427 2"	178305	26,50
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CADDY SLOT LOCK 427 2-1/2"	178306	26,50
CADDY SLOT LOCK 427 3"	178307	26,50
CADDY SLOT LOCK 427 3"	178307	26,50
CADDY SLOT LOCK 427 3/4"	178301	26,50
CADDY SLOT LOCK 427 3/4"	178301	26,50
CADDY SLOT LOCK 427 4"	178308	26,50
CADDY SLOT LOCK 427 4"	178308	26,50
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