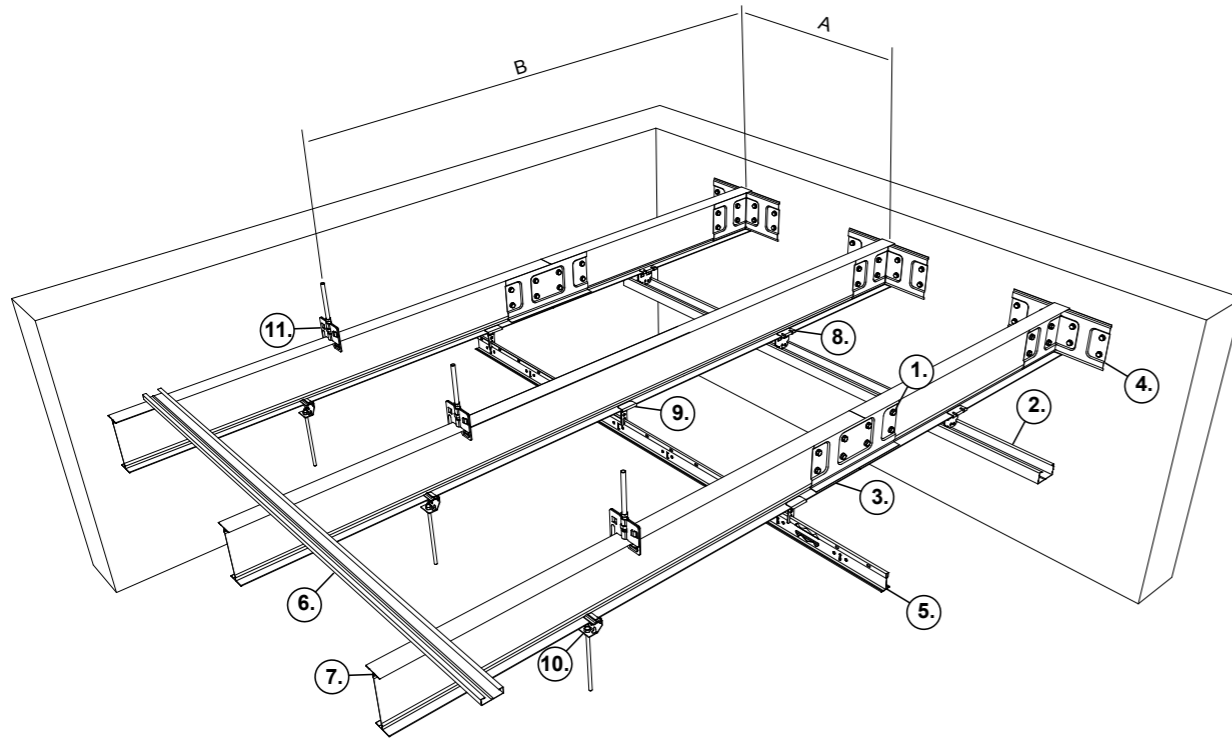


# CLP Profiles for Primary Structures

# PRODUCT FEATURES



- |                                      |                       |                |           |
|--------------------------------------|-----------------------|----------------|-----------|
| 1. Ø 6 X 15 mm NUT AND BOLT          | 3. LONGITUDINAL JOINT | 6. PROFILE     | 9. F.224  |
| 2. C STUD PROFILE FOR FALSE CEILINGS | 4. SQUARE FOR WALL    | 7. CLP PROFILE | 10. F.220 |
|                                      | 5. MAIN RUNNER        | 8. F.218       | 11. F.219 |

## Features

CIPRIANI CLP profiles for primary structures can be used for suspended ceilings installation for both standard and concealed systems.

In case of an in sight structure the French Standards DTU 58/1 contemplate a camber up to 1/300th of span between CLP profiles (As an example: with a span of 1000 mm the camber must be 3.33mm).

The maximum camber depends both on the span (meant as the distance between supports or point of supports), and on the borne load (made of the weight of the ceiling and of the support structure).

The load tables on the next page have been created to make design and installations decision quicker and more precise.

Please note that if CIPRIANI CLP profiles are used as primary support structure, a secondary structure connected by means of adjustable supports, the maximum allowed camber is 1/300th, regardless of the kind of false ceiling chosen.

For a correct assembly of the structure, please follow some easy directions for use:

- » CLP main profiles must be connected by means of stiffening the profiles (CD5027 or CD5015) so as to form a rigid structure (see table below);
- » CLP profiles longitudinal joints should not be assembled lined up at the

same distance, but alternately. Bolts of the right size should be used in all available fixing holes;

- » Bolts should be assembled in squares for wall as well, including screw anchors in the walls;

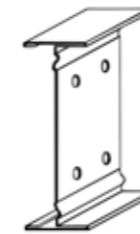
- » CLP profiles longitudinal joints should be placed as close as possible to support points;

- » Longitudinal joints and squares for wall must always be assembled in pairs and never individually.

DISTANCE BETWEEN PROFILES		
Profile	Span between CLP profiles (mm)	Distance between profiles (mm)
CLP054	1250 - 3500	625 - 1750
CLP070	1750 - 4000	875 - 2000
CLP085	3000 - 4000	1500 - 2000
CLP120	3500 - 4500	1750 - 2250
CLP085	4100 - 5000	1400 - 1700
CLP120	4600 - 6500	1500 - 2000

# CLP PROFILES FOR PRIMARY STRUCTURES

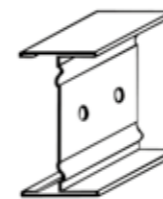
SECTION	PROFILE Description	CODE	DIMENSIONS (mm)			PALLET Number of pieces
			Base	Side	Length	



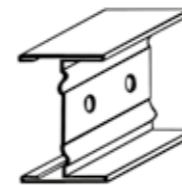
CLP 120	<b>CLP Profile</b> gauge 1.20 mm gauge 1.00 mm	<b>CLP12012</b> <b>CLP12010</b>	40	120	6.500 5.500	<b>72</b>	4 lengths per bundle
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CLP 085	<b>CLP Profile</b> gauge 1.00 mm gauge 0.80 mm gauge 0.60 mm	<b>CLP08510</b> <b>CLP08508</b> <b>CLP08506</b>	40	85	5.500 5.000 5.000	<b>108</b>	4 lengths per bundle
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CLP 070	<b>CLP Profile</b> gauge 0.80 mm gauge 0.60 mm	<b>CLP07008</b> <b>CLP07006</b>	40	70	5.000	<b>144</b>	4 lengths per bundle
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CLP 054	<b>CLP Profile</b> gauge 0.60 mm gauge 0.50 mm	<b>CLP05406</b> <b>CLP05405</b>	40	54	5.000	<b>180</b>	4 lengths per bundle
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ACCESSORIES	CODE	DESCRIPTION	PAGE N.	ACCESSORIES	CODE	DESCRIPTION	PAGE N.
	<b>F.210</b> <b>F.211</b> <b>F.212</b> <b>F.213</b>	Square for Wall	50		<b>F.214</b> <b>F.215</b> <b>F.216</b> <b>F.217</b>	Longitudinal Joint	50
	<b>F.218</b> <b>F.221</b>	Click-on Support	50		<b>F.220</b>	Click-on Support	50
	<b>F.219</b>	Click-on Support	50		<b>F.224</b>	Profile Support	50

# Technical Specifications

## CLP CEILINGS STRUCTURES

**LOADING TABLE** CEILING WEIGHT PER SQM (Kg/ sqm)

1/300 camber of large span CLP profiles - According to French DTU 58/1 for ceilings with **VISIBLE STRUCTURE**

(B) Suspensions distance (m)	(A) CLP distance 0.90 m											(A) CLP distance 1.20 m										
	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5
Profile																						
CLP12012	-	-	-	-	78.3	58.6	44.4	33.3	24.5	18.9	14.4	-	-	-	-	60.0	44.3	32.8	24.4	17.2	12.8	9.6
CLP12010	-	-	-	-	62.2	42.2	29.9	20.5	13.8	9.4	-	-	-	-	-	46.7	32.2	21.7	14.5	10.4	-	-
CLP08510	-	-	-	48.9	32.3	22.2	15.6	11.7	-	-	-	-	-	-	34.9	25.0	17.8	11.8	8.0	-	-	-
CLP08508	-	-	58.3	41.1	28.3	18.9	9.8	-	-	-	-	-	-	45.2	31.1	20.4	13.3	8.8	6.9	-	-	-
CLP08506	-	-	52.2	34.4	23.3	15.0	9.5	-	-	-	-	-	-	39.8	25.6	17.7	11.1	6.6	-	-	-	-
CLP07008	-	77.2	46.7	28.9	17.8	11.7	-	-	-	-	-	-	56.7	35.0	22.2	13.3	8.7	-	-	-	-	-
CLP07006	-	66.1	40.0	23.9	14.4	10.0	-	-	-	-	-	-	50.5	30.0	16.7	10.2	-	-	-	-	-	-
CLP05406	65.6	40.0	22.8	13.3	8.0	-	-	-	-	-	-	47.8	28.9	17.2	10.0	7.7	-	-	-	-	-	-
CLP05405	60.0	32.8	17.8	10.0	-	-	-	-	-	-	-	40.0	24.4	14.7	8.1	-	-	-	-	-	-	-

(B) Suspensions distance (m)	(A) CLP distance 1.50 m											(A) CLP distance 1.80 m										
	(m)	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5
Profile																						
CLP12012	-	-	-	-	45.5	33.9	25.6	19.5	14.4	10.6	8.0	-	-	-	-	37.0	26.7	19.6	13.8	10.0	7.2	5.3
CLP12010	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CLP08510	-	-	-	27.2	20.0	12.6	9.1	6.8	-	-	-	-	-	-	22.4	15.6	10.5	7.3	5.0	-	-	-
CLP08508	-	-	31.7	19.6	17.8	11.1	7.5	5.7	-	-	-	-	-	30.0	18.9	12.2	7.9	5.3	-	-	-	-
CLP08506	-	44.4	28.9	19.0	12.4	8.3	6.0	-	-	-	-	-	-	24.4	14.3	9.1	5.8	-	-	-	-	-
CLP07008	-	42.2	26.7	15.9	9.3	6.8	-	-	-	-	-	-	35.6	21.5	12.2	7.0	4.6	-	-	-	-	-
CLP07006	-	36.6	23.3	14.5	8.4	4.9	-	-	-	-	-	-	31.2	17.7	9.6	5.9	-	-	-	-	-	-
CLP05406	35.2	20.0	11.7	6.8	4.5	-	-	-	-	-	-	30.0	15.3	9.4	5.8	3.5	-	-	-	-	-	-
CLP05405	33.0	17.8	9.8	5.2	3.6	-	-	-	-	-	-	26.4	14.5	7.9	4.6	-	-	-	-	-	-	-

**LOADING TABLE** CEILING WEIGHT PER SQM (Kg/ m<sup>2</sup>)

1/500 camber of large span CLP profiles - According to French DTU 58/1 for ceilings with **CONCEALED STRUCTURE**

(B) Suspensions distance (m)	(A) CLP distance 0.90 m											(A) CLP distance 1.20 m										
	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5
Profile																						
CLP12012	-	-	-	-	43.6	31.1	21.7	14.4	10.0	7.3	5.8	-	-	-	-	33.9	25.0	17.5	12.2	8.1	6.2	5.4
CLP12010	-	-	-	-	34.8	24.3	15.8	10.6	7.9	-	-	-	-	-	-	26.5	18.0	11.9	7.7	5.0	-	-
CLP08510	-	-	-	25.6	17.3	11.6	7.1	4.8	-	-	-	-	-	-	21.1	14.0	9.2	6.1	4.6	-	-	-
CLP08508	-	-	32.5	22.7	14.8	9.0	5.6	-	-	-	-	-	-	26.5	17.2	12.3	7.8	5.0	3.0	-	-	-
CLP08506	-	-	28.9	18.8	11.1	6.7	-	-	-	-	-	-	-	23.3	14.6	9.0	6.0	2.9	-	-	-	-
CLP07008	-	42.2	25.9	15.5	8.6	3.8	-	-	-	-	-	-	33.2	20.0	11.7	6.9	4.1	-	-	-	-	-
CLP07006	-	26.8	21.5	11.2	6.3	3.7	-	-	-	-	-	-	28.9	16.3	9.8	5.9	-	-	-	-	-	-
CLP05406	35.1	19.8	10.0	5.3	3.6	-	-	-	-	-	-	30.3	15.3	9.0	5.1	3.0	-	-	-	-	-	-
CLP05405	32.7	16.5	9.2	5.1	3.5	-	-	-	-	-	-	26.5	14.7	7.2	3.2	-	-	-	-	-	-	-

(B) Suspensions distance (m)	(A) CLP distance 1.50 m											(A) CLP distance 1.80 m										
	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5
Profile																						
CLP12012	-	-	-	-	26.9	19.4	13.6	9.2	6.5	4.1	3.2	-	-	-	-	22.2	16.0	11.7	8.0	5.7	3.9	3.0
CLP12010	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CLP08510	-	-	-	25.6	11.1	7.2	4.8	3.0	-	-	-	-	-	-	12.7	8.4	5.2	3.3	2.6	-	-	-
CLP08508	-	-	22.2	13.4	8.9	6.0	3.4	2.2	-	-	-	-	-	16.0	10.6	7.2	3.5	3.0	2.3	-	-	-
CLP08506	-	-	17.5	11.1	7.0	4.5	-	-	-	-	-	-	-	14.4	8.7	5.0	2.9	-	-	-	-	-
CLP07008	-	26.1	16.0	9.1	4.9	2.9	-	-	-	-	-	-	21.7	13.1	7.8	4.0	-	-	-	-	-	-
CLP07006	-	23.4	12.4	6.8	3.5	2.8	-	-	-	-	-	-	18.0	10.0	6.2	3.1	-	-	-	-	-	-
CLP05406	23.3	12.2	8.0	4.3	2.0	-	-	-	-	-	-	18.7	9.8	5.5	3.0	2.1	-	-	-	-	-	-
CLP05405	21.7	11.8	5.3	2.1	-	-	-	-	-	-	-	15.6	8.0	4.1	1.8	-	-	-	-	-	-	-



# Accessories

CE

# ACCESSORIES

## Accessories

CIPRIANI has developed a complete range of safe and reliable accessories, such as joints, brackets, hooks, hangers and hanging rods, suitable to meet the most common practical requirements during CIPRIANI metal systems installation.

CIPRIANI Suspension Systems are in accordance with European Standards EN 13964. CIPRIANI's research and development has led to the creation of some advanced accessories with exceptional performance which are protected by international patents.

## Steel

CIPRIANI accessories are made of carbon steel type DX51D hot-galvanized using the "sendzimir" process with a yield strength exceeding 280 N/sq mm and defined by European Standards EN 10346 and EN 14195. Accessories zinc coating varies from 100 g/sqm. to 275 g/sqm depending on needs. The surface of all

accessories is also protected by chromic acid chemical passivation. High quality nickel-plated tempered steel is used for some accessories that require special mechanical properties.











A copy of the traction strength certificate is available upon request. Tests certificates are valid using the correct accessories following the recommended technical specifications.

## Storage Suggestion

As humidity and atmospheric agents in general may oxidize and cause white rust formation on the profile surface of material, please take the following precautions:



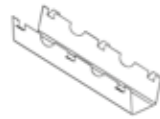
- » Store accessories in a covered and ventilated area;
- » Keep material away from corrosive agents such as combustion outputs, chemical vapours and dust created by the manufacturing process.

## Accessories FOR CD5027






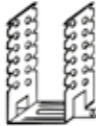

DESCRIPTION	CODE	BOX CONTENT	
		N. of pcs	kg
 <p><b>STRAIGHT HOOK</b> 6mm Through hole for CD5015 and CD5027 Profiles <b>Straight Edge</b></p>	<b>C.089</b>	100	2.82
 <p><b>HOOK WITH SPRING</b> for CD5015 and CD5027 Profiles <b>Straight Edge</b></p>	<b>C.090</b>	100	3.62
 <p><b>SPACER HOOK</b> 6 mm Through Hole for CD5015 and CD5027 Profiles <b>Straight Edge</b></p>	<b>C.092</b>	100	3.05
 <p><b>SPACER HOOK</b> 6MA Threaded Hole for CD5015 and CD5027 Profiles <b>Straight Edge</b></p>	<b>C.056</b>	100	3.05
 <p><b>ORTHOGONAL UNION HOOK</b> for CD5027 Profile <b>Straight Edge</b> Patented</p>	<b>C.057</b>	100	1.46
 <p><b>ORTHOGONAL CLICK-ON SPACER HOOK</b> for CD5027 Profile <b>Straight Edge</b> Patented</p>	<b>C.114</b>	50	2.30
 <p><b>SPACER HOOK</b> 20 mm 30 mm for CD5015 and CD5027 Profiles <b>Straight Edge</b></p>	<b>C.105</b> <b>C.107</b>	100	3.82 4.52
 <p><b>LONGITUDINAL JOINT</b> For CD5027 Profile</p>	<b>C.009</b>	100	4.62
 <p><b>ADJUSTABLE BRACKET</b> 50x40 mm 50x60 mm for C50 Profiles</p>	<b>C.131</b> <b>C.130</b>	100	2.75 3.34
 <p><b>ADJUSTABLE BRACKET</b> 50x80 mm 50x120 mm for C50 Profiles</p>	<b>C.129</b> <b>C.126</b>	100	4.13 5.70





## Accessories FOR UD274007

	DESCRIPTION	CODE	BOX CONTENT	
			N. of pcs	kg
	<b>STRAIGHT HOOK</b> 5 mm through hole	<b>C.034</b>	100	2,35
	<b>HOOK WITH SPRING</b>	<b>C.033</b>	100	3,35
	<b>LONGITUDINAL JOINT</b>	<b>C.125</b>	100	3,70


## Accessories FOR CD6027 PROFILES

DESCRIPTION	CODE	BOX CONTENT		DESCRIPTION	CODE	BOX CONTENT	
		N. of pcs	kg			N. of pcs	kg
 <b>HOOK WITH SPRING</b> Patented	<b>C.064</b>	100	7,68	 <b>LONGITUDINAL JOINT</b>	<b>C.063</b>	100	6,13
 <b>ORTHOGONAL SPACER HOOK (Snap-On)</b> Patented	<b>C.065</b>	100	6,42	 <b>ADJUSTABLE BRACKET</b> 60x40 mm 60x60 mm	<b>C.070</b> <b>C.071</b>	100	2,90 3,55
 <b>ORTHOGONAL UNION HOOK</b>	<b>C.062</b>	100	1,56	 <b>ADJUSTABLE BRACKET</b> 60x120 mm	<b>C.072</b>	100	5,70
 <b>SAFETY ORTHOGONAL HOOK - T CONNECTOR</b> CD6027	<b>C.068</b>	100	6,00				

## Accessories BRACKETS - SQUARES

	DESCRIPTION	CODE	BOX CONTENT		
			N. of pcs	kg	
	<b>SQUARE</b> 70x35 mm	<b>C.010</b>	100	2,96	<b>UNI</b> <b>DIN</b> <b>CE</b>
	<b>SQUARE</b> 120x35 mm	<b>C.069</b>	100	4,16	<b>UNI</b> <b>DIN</b> <b>CE</b>

## Accessories DOUBLE SPRING - HANGING RODS

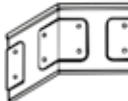
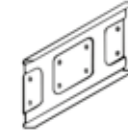


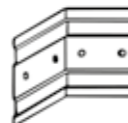
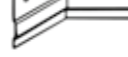
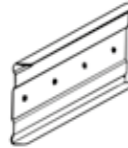
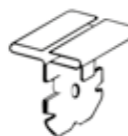
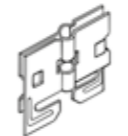
DESCRIPTION	CODE	BOX CONTENT		
		N. of pcs	kg	
 ADJUSTABLE DOUBLE SPRING FOR HANGING RODS	<b>C.039</b>	100	1,65	<b>UNI</b> <b>DIN</b> <b>CE</b>
<b>TYPE "I"</b>				
125 mm Length	<b>C.040.I</b>	100	1,60	<b>UNI</b> <b>DIN</b> <b>CE</b>
250 mm Length	<b>C.017.I</b>		2,80	
375 mm Length	<b>C.041.I</b>		4,10	
500 mm Length	<b>C.018.I</b>		5,30	
750 mm Length	<b>C.042.I</b>		7,00	
1000 mm Length	<b>C.019.I</b>		10,40	
1500 mm Length	<b>C.043.I</b>		15,30	
2000 mm Length	<b>C.044.I</b>		20,40	
---	---			
2500 mm Length	<b>C.140.I</b>	50	12,80	
3000 mm Length	<b>C.138.I</b>		15,30	
4000 mm Length	<b>C.139.I</b>		20,40	

DESCRIPTION	CODE	BOX CONTENT		
		N. of pcs	kg	
<b>ø 4 mm HANGING RODS</b>				
<b>TYPE "O"</b>				
125 mm Length	<b>C.040.O/90</b>	100	1,60	<b>UNI</b> <b>DIN</b> <b>CE</b>
250 mm Length	<b>C.017.O/90</b>		2,80	
375 mm Length	<b>C.041.O/90</b>		4,10	
500 mm Length	<b>C.018.O/90</b>		5,30	
750 mm Length	<b>C.042.O/90</b>		7,00	
1000 mm Length	<b>C.019.O/90</b>		10,40	
1500 mm Length	<b>C.043.O/90</b>		15,30	
2000 mm Length	<b>C.044.O/90</b>		20,40	
---	---			
2500 mm Length	<b>C.140.O/90</b>	50	12,80	
3000 mm Length	<b>C.138.O/90</b>		15,30	
4000 mm Length	<b>C.139.O/90</b>		20,40	
<b>ø 4 mm HANGING RODS</b>				
<b>TYPE "J"</b>				
125 mm Length	<b>C.040.J / V</b>	100	1,60	<b>UNI</b> <b>DIN</b> <b>CE</b>
250 mm Length	<b>C.017.J / V</b>		2,80	
375 mm Length	<b>C.041.J / V</b>		4,10	
500 mm Length	<b>C.018.J / V</b>		5,30	
750 mm Length	<b>C.042.J / V</b>		7,00	
1000 mm Length	<b>C.019.J / V</b>		10,40	
1500 mm Length	<b>C.043.J / V</b>		15,30	
2000 mm Length	<b>C.044.J / V</b>		20,40	
---	---			
2500 mm Length	<b>C.140.J / V</b>	50	12,80	
3000 mm Length	<b>C.138.J / V</b>		15,30	
4000 mm Length	<b>C.139.J / V</b>		20,40	
<b>TYPE "V"</b>				
2500 mm Length	<b>C.140.V / V</b>	50	12,80	
3000 mm Length	<b>C.138.V / V</b>		15,30	
4000 mm Length	<b>C.139.V / V</b>		20,40	



## Accessories

# FOR CLP PRIMARY STRUCTURES

DESCRIPTION	CODE	BOX CONTENT		UNI DIN
		N. of pcs	kg	
 <b>SQUARE FOR WALL</b> for Profiles: CLP12012 CLP12010	<b>F.210</b>	50	8,10	UNI DIN
 <b>LONGITUDINAL JOINT</b> for Profiles: CLP12012 CLP12010	<b>F.214</b>	50	14,10	UNI DIN
 <b>CLICK-ON SUPPORT</b> for C- Stud CD45,CD48 and CD50276A Straight edge 2 sections and suitable for all CLP profiles	<b>F.218</b>	100	5,48	UNI DIN
 <b>CLICK-ON SUPPORT</b> for Ø 6 mm Threaded Bar suitable for all CLP profiles	<b>F.220</b>	100	4,95	UNI DIN
<b>PROFILE SUPPORT</b> for T profiles In 2 sections and suitable for use with all CLP profiles	<b>F.224</b>	100	5,87	UNI DIN
 <b>SQUARE FOR WALL</b> for Profiles: CLP08510 CLP08508 CLP08506	<b>F.211</b>		5,95	
 CLP07008 CLP07006	<b>F.212</b>	50	4,70	UNI DIN
CLP05406 CLP05405	<b>F.213</b>		2,64	
 <b>LONGITUDINAL JOINT</b> for Profiles: CLP08510 CLP08508 CLP08506	<b>F.215</b>		11,27	
CLP07008 CLP07006	<b>F.216</b>	50	6,70	UNI DIN
CLP05406 CLP05405	<b>F.217</b>		4,13	
 <b>CLICK-ON SUPPORT</b> for C- Stud CD45,CD48 and CD50276A Curved edge 2 sections and suitable for all CLP profiles	<b>F.221</b>	100	5,48	UNI DIN
 <b>CLICK-ON SUPPORT</b> for Ø 8 mm Threaded Bar In 2 sections and suitable for all CLP profiles	<b>F.219</b>	50	7,63	UNI DIN

