

## ATTESTATION OF CONFORMITY CERTIFICATE

Certificate No.: 2112611427-2019/01

Name and address of bearer/  
manufacturer:

Link Yapı  
Gebze Organize Sanayi Bölgesi, 1000.Sok. No:1016, 41430  
Gebze Osb2/Çayırova/Kocaeli

We hereby certify that according to the results of the inspection, the product mentioned below fulfills the contractual requirements governing mission entrusted to TÜV Teknik. This Attestation of Conformity is issued on voluntary basis according to values declared in the firm's specification "Prolink fittings design load capacities". It conforms that the test results of the listed equipment complies with values and directions in the specification. It refers only to the particular sample and its technical documentation submitted for inspection.

Product is marked with hard stamp ☐ Yes ☒ No: TÜV Teknik hard stamp on the nameplate

Inspected according to

Prolink fittings design load capacities (See Annex)

Description of product:

Prolink/Promega Fittings

Model & Type:

See annex of the certificate

Inspection date or period:

27.09.2019

Place of manufacture:

Gebze Organize Sanayi Bölgesi, 1000.Sok. No:1016, 41430  
Gebze Osb2/Çayırova/Kocaeli

Inspected by:

Özgün Ozan Türk

Istanbul , 27.09.2019

Certifier for Product of TÜV Teknik  
Kontrol ve Belgelendirme A.Ş.

Mr. Sabri Eren



TÜV Teknik Kontrol ve Belgelendirme A.Ş.  
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**Test Method:**

The test was performed on 3 samples in 3 directions according to the specification and relevant forces and moments measured. Test results were compared with values in the specification for the compliance.

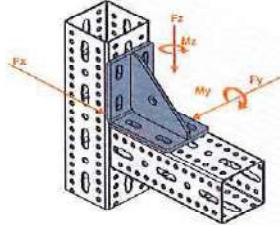
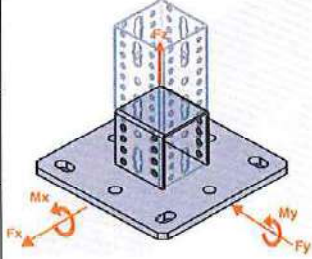
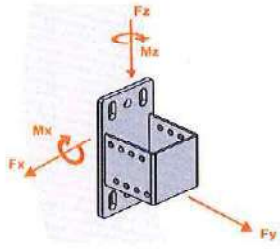
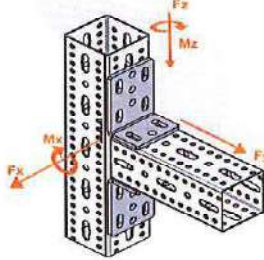
| Sample Name       | Load Direction | Load Capacity (kN) | Loading Axis                                                                         |
|-------------------|----------------|--------------------|--------------------------------------------------------------------------------------|
| 0443.1.PMKD.101*  | X              | 46,177             |    |
|                   | Y              | 17,982             |                                                                                      |
|                   | Z              | 40,000             |                                                                                      |
| 0443.1.PMTTA.100* | X              | 4,283              |   |
|                   | Y              | 46,502             |                                                                                      |
|                   | Z              | 75,000             |                                                                                      |
| 0443.1.PMKA.100*  | X              | 5,002              |  |
|                   | Y              | 22,152             |                                                                                      |
|                   | Z              | 25,019             |                                                                                      |
| 0443.1.PMKD.100*  | X              | 23,330             |  |
|                   | Y              | 6,973              |                                                                                      |
|                   | Z              | 5,000              |                                                                                      |

Table 1. Result of force measurements

Istanbul , 27.09.2019

Certifier for Product of TÜV Teknik  
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TUV NORD

Mr. Sabri Eren

TÜV Teknik Kontrol ve Belgelendirme A.Ş.  
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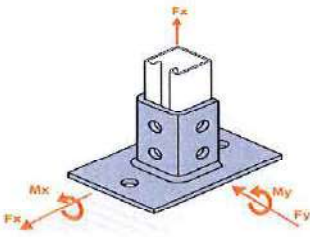
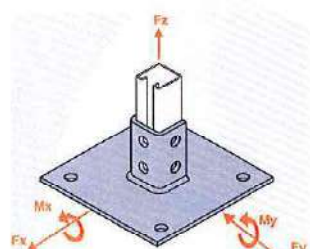
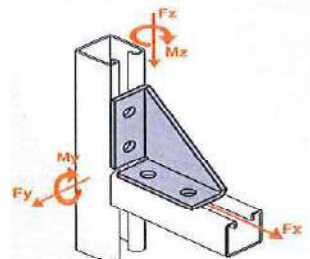
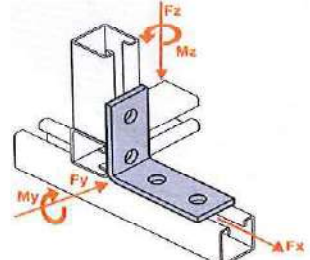
|                    |   |        |                                                                                      |
|--------------------|---|--------|--------------------------------------------------------------------------------------|
| 0441.1.PLGBB.8608* | X | 27,760 |    |
|                    | Y | 27,600 |                                                                                      |
|                    | Z | 39,991 |                                                                                      |
| 0441.1.PLGBB.8610* | X | 24,005 |    |
|                    | Y | 27,809 |                                                                                      |
|                    | Z | 26,714 |                                                                                      |
| 0441.1.PLGAF.8265* | X | 12,617 |   |
|                    | Y | 3,739  |                                                                                      |
|                    | Z | 13,542 |                                                                                      |
| 0441.1.PLGAF.8210* | X | 1,560  |  |
|                    | Y | 3,123  |                                                                                      |
|                    | Z | 1,623  |                                                                                      |

Table 1. Result of force measurements

İstanbul , 27.09.2019

Certifier for Product of TÜV Teknik Kontrol ve Belgelendirme A.Ş.

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# ANNEX II

Certificate No: 2112611427-2019/01



| Sample Name        | Moment Direction | Load Direction | Arm Length (mm) | Moment Capacity (N.m) |
|--------------------|------------------|----------------|-----------------|-----------------------|
| 0443.1.PMKD.101*   | My               | X              | 115             | 5310,36               |
|                    | Mz               | Y              | 73              | 1312,69               |
|                    | My               | Z              | 15              | 4600,00               |
| 0443.1.PMTTA.100*  | My               | X              | 73              | 312,66                |
|                    | Mx               | Y              | 73              | 3394,65               |
| 0443.1.PMKA.100*   | Mz               | X              | 73              | 365,15                |
|                    | Mx               | Z              | 73              | 1826,39               |
| 0443.1.PMKD.100*   | My               | X              | 45              | 1049,85               |
|                    | Mx               | Y              | 50              | 348,65                |
|                    | Mx               | Z              | 73              | 365,00                |
| 0441.1.PLGBB.8608* | My               | X              | 73              | 2026,48               |
|                    | Mx               | Y              | 73              | 2014,8                |
| 0441.1.PLGBB.8610* | My               | X              | 73              | 1752,36               |
|                    | Mx               | Y              | 73              | 2030,06               |
| 0441.1.PLGAF.8265* | My               | X              | 73              | 921,04                |
|                    | Mz               | Y              | 73              | 272,95                |
|                    | My               | Z              | 73              | 988,57                |
| 0441.1.PLGAF.8210* | My               | X              | 73              | 113,88                |
|                    | Mz               | Y              | 73              | 227,98                |
|                    | My               | Z              | 73              | 118,48                |

Table 2. Result of moment measurements

Istanbul , 27.09.2019

Certifier for Product of TÜV Teknik Kontrol ve Belgelendirme A.Ş.

Mr. Sabri Eren

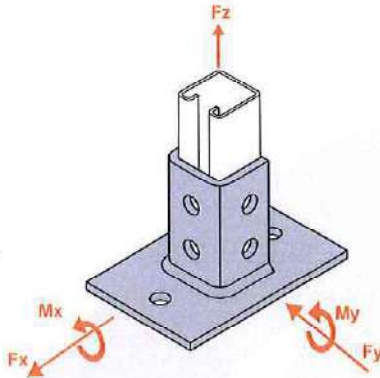
TÜV Teknik Kontrol ve Belgelendirme A.Ş.  
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# ANNEX III

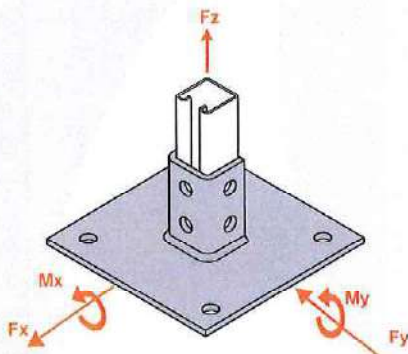
Loading tables listed below based on experimentally method. The values given in the table can be understood as design values which is determined according to yield limit reduced by 1,1 partial safety factor.

If these fittings want to be used for calculation under service load conditions, the values in the table should be divided by 1,5 to obtain recommended load capacities.



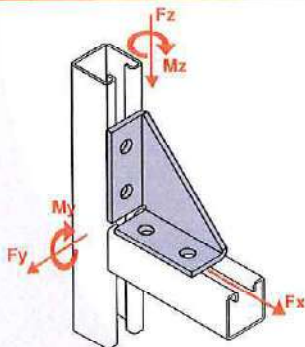
**PLGBB.8608**

| MAX. LOAD(KN) | MAX.MOMENT (kNm) |
|---------------|------------------|
| Fx=25.23      | Mx=1.83          |
| Fy=25.09      | My=1.84          |
| Fz=36.35      | -                |



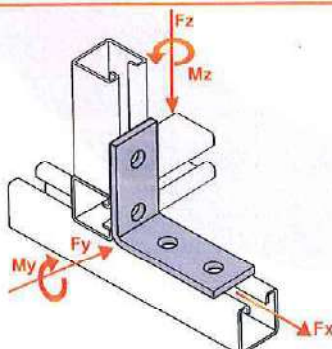
**PLGBB.8610**

| MAX. LOAD(KN) | MAX.MOMENT (kNm) |
|---------------|------------------|
| Fx=21.82      | Mx=1.84          |
| Fy=25.28      | My=1.59          |
| Fz=24.28      | -                |



**PLGAF.8265**

| MAX. LOAD(KN) | MAX.MOMENT (kNm) |
|---------------|------------------|
| Fx=11.47      | -                |
| Fy=3.39       | My=0.89          |
| Fz=12.31      | Mz=0.24          |



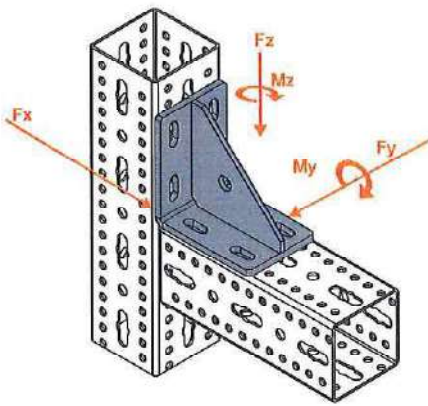
**PLGAF.8210**

| MAX. LOAD(KN) | MAX.MOMENT (kNm) |
|---------------|------------------|
| Fx=1.41       | -                |
| Fy=2.83       | My=0.1           |
| Fz=1.47       | Mz=0.2           |



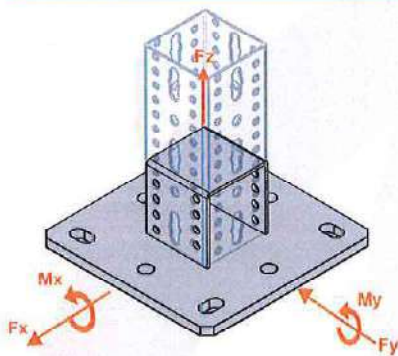
Cert.no.: 21126/1427-2019/01





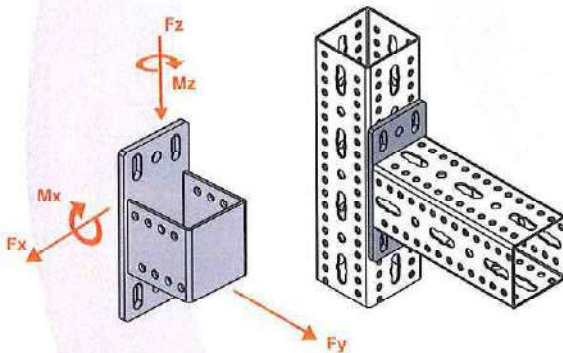
**PMKD.101**

| MAX. LOAD(KN) | MAX.MOMENT (kNm) |
|---------------|------------------|
| $F_x=41.97$   | -                |
| $F_y=16.34$   | $M_y=4.18$       |
| $F_z=36.36$   | $M_z=1.19$       |



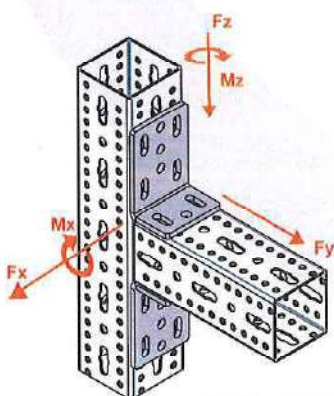
**PMTTA.100**

| MAX. LOAD(KN) | MAX.MOMENT (kNm) |
|---------------|------------------|
| $F_x=3.89$    | $M_x=3.08$       |
| $F_y=42.27$   | $M_y=0.28$       |
| $F_z=68.18$   | -                |



**PMKA.100**

| MAX. LOAD(KN) | MAX.MOMENT (kNm) |
|---------------|------------------|
| $F_x=4.54$    | $M_x=1.66$       |
| $F_y=20.13$   | -                |
| $F_z=22.74$   | $M_z=0.33$       |



Cert.no.: 2112611427-2019/01

**PMKD.100**

| MAX. LOAD(KN) | MAX.MOMENT (kNm) |
|---------------|------------------|
| $F_x=21.20$   | $M_x=0.33$       |
| $F_y=6.33$    | -                |
| $F_z=4.54$    | $M_z=0.95$       |