



**TO-GU**



**TU-GU**



**TU-GRA**



**TO-GR**



**EG-Z / EG-A2**



**PG-Z / PG-A2**



**PU-Z**



**SO-TP**



**SO-PG**

## CHARACTERISTICS

- Different accessories for support guides that offer a wide variety of installation methods.
- Compatible with the clamp range from the catalogue, both for piping and electrical needs.
- Ideal for specialized installers in this field.
- In a variety of materials:
  - Galvanized: for supporting electrical installations or simple indoor/outdoor fluid installations with moderate corrosion.
  - Stainless steel: For outdoor use or in humid or pollutant (chlorine-free) industrial environments.
  - PVC: for light loads. Easy installation (may be cut without tools) and good resistance to chemical agents in general.

## BASE MATERIAL



## APPLICATION EXAMPLES

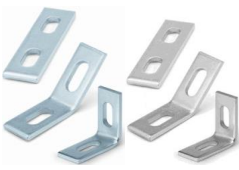


Channels and cantilevers for electrical and telecommunication installations and piping.

Cable tray supports.

Accessories which complement basic equipment.

## 1. GAMA

| ITEM | PHOTO                                                                               | REFERENCE | DESCRIPTION                               | MATERIAL                                                                                                                                                                                                      | COATING                                                                                                                  |
|------|-------------------------------------------------------------------------------------|-----------|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| 1    |    | TG230620  | Channel stud nut                          | <br>Steel                                                                                                                  | <br>Zinc-plated $\geq 5\mu\text{m}$   |
|      |                                                                                     | TG230820  |                                           |                                                                                                                                                                                                               |                                                                                                                          |
|      |                                                                                     | TG230830  |                                           |                                                                                                                                                                                                               |                                                                                                                          |
|      |                                                                                     | TG340830  |                                           |                                                                                                                                                                                                               |                                                                                                                          |
|      |                                                                                     | TG41030   |                                           |                                                                                                                                                                                                               |                                                                                                                          |
| 2    |    | TUG201006 | Channel nut                               | <br>Steel                                                                                                                  | <br>Zinc-plated $\geq 5\mu\text{m}$   |
|      |                                                                                     | TUG201008 |                                           |                                                                                                                                                                                                               |                                                                                                                          |
|      |                                                                                     | TUG271808 |                                           |                                                                                                                                                                                                               |                                                                                                                          |
|      |                                                                                     | TUG271810 |                                           |                                                                                                                                                                                                               |                                                                                                                          |
| 3    |    | TUGRA2706 | Fast nut-guide with washer                | <br>Steel                                                                                                                  | <br>Zinc-plated $\geq 5\mu\text{m}$   |
|      |                                                                                     | TUGRA2708 |                                           |                                                                                                                                                                                                               |                                                                                                                          |
|      |                                                                                     | TUGRA3808 |                                           |                                                                                                                                                                                                               |                                                                                                                          |
|      |                                                                                     | TUGRA3810 |                                           |                                                                                                                                                                                                               |                                                                                                                          |
| 4    |    | TGR230620 | Fast-fixing stop screw                    | <br>Steel                                                                                                                  | <br>Zinc-plated $\geq 5\mu\text{m}$   |
|      |                                                                                     | TGR230820 |                                           |                                                                                                                                                                                                               |                                                                                                                          |
|      |                                                                                     | TGR230830 |                                           |                                                                                                                                                                                                               |                                                                                                                          |
|      |                                                                                     | TGR340830 |                                           |                                                                                                                                                                                                               |                                                                                                                          |
|      |                                                                                     | TGR341030 |                                           |                                                                                                                                                                                                               |                                                                                                                          |
| 5    |  | EMZ45     | Zinc-plated and stainless steel brackets  | <br>Steel<br><br>Stainless steel A2 | <br>Zinc-plated $\geq 5\mu\text{m}$ |
|      |                                                                                     | EMZ90     |                                           |                                                                                                                                                                                                               |                                                                                                                          |
|      |                                                                                     | EMZ00     |                                           |                                                                                                                                                                                                               |                                                                                                                          |
|      |                                                                                     | EMI45     |                                           |                                                                                                                                                                                                               |                                                                                                                          |
|      |                                                                                     | EMI90     |                                           |                                                                                                                                                                                                               |                                                                                                                          |
|      |                                                                                     | EMI00     |                                           |                                                                                                                                                                                                               |                                                                                                                          |
| 6    |  | PGZ2718   | Zinc-plated and stainless steel U-fitting | <br>Steel<br><br>Stainless steel A2 | <br>Zinc-plated $\geq 5\mu\text{m}$ |
|      |                                                                                     | PGZ2830   |                                           |                                                                                                                                                                                                               |                                                                                                                          |
|      |                                                                                     | PGZ3840   |                                           |                                                                                                                                                                                                               |                                                                                                                          |
|      |                                                                                     | PGI2718   |                                           |                                                                                                                                                                                                               |                                                                                                                          |
|      |                                                                                     | PGI2830   |                                           |                                                                                                                                                                                                               |                                                                                                                          |
|      |                                                                                     | PGI3840   |                                           |                                                                                                                                                                                                               |                                                                                                                          |
| 7    |  | PUZ2718   | Union plates for profiles                 | <br>Steel                                                                                                                | <br>Zinc-plated $\geq 5\mu\text{m}$ |
|      |                                                                                     | PUZ3840   |                                           |                                                                                                                                                                                                               |                                                                                                                          |
| 8    |  | SOTP2718  | Plastic cap for framing systems           | <br>Polypropylene                                                                                                        | --                                                                                                                       |
|      |                                                                                     | SOTP2830  |                                           |                                                                                                                                                                                                               |                                                                                                                          |
|      |                                                                                     | SOTP3840  |                                           |                                                                                                                                                                                                               |                                                                                                                          |
|      |                                                                                     | SOTP4121  |                                           |                                                                                                                                                                                                               |                                                                                                                          |
|      |                                                                                     | SOTP4141  |                                           |                                                                                                                                                                                                               |                                                                                                                          |
| 9    |  | SOPG27    | Isophonic rubber profile (20 m)           | <br>EPDM                                                                                                                 | --                                                                                                                       |
|      |                                                                                     | SOPG38    |                                           |                                                                                                                                                                                                               |                                                                                                                          |
|      |                                                                                     | SOPG41    |                                           |                                                                                                                                                                                                               |                                                                                                                          |

## 2. COMPATIBILITY TABLE.

[illegible]

### 3. INSTALLATION DATA

#### 3.1 TO-GU

#### Channel stud nut

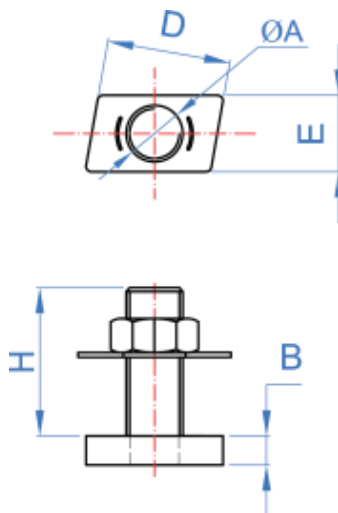


| Material                                                                          | Coating                                                                             | Valid for                                                                           |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |
| Steel                                                                             | Zinc-plated                                                                         | Slotted channel GP-G                                                                |

#### Installation data

| Code     | ØA  | B | D  | E  | H  | Valid for                     |
|----------|-----|---|----|----|----|-------------------------------|
| TG230620 | M6  | 4 | 23 | 13 | 20 | 20/10 - 25/08 - 25/11 - 27/18 |
| TG230820 | M8  | 5 | 23 | 15 | 20 | 27/18 - 28/30                 |
| TG230830 | M8  | 5 | 23 | 15 | 30 | 27/18 - 28/30                 |
| TG340830 | M8  | 5 | 33 | 15 | 30 | 38/40 - 40/20                 |
| TG341030 | M10 | 5 | 33 | 15 | 30 | 38/40 - 40/20                 |

#### Drawing



#### Maximum recommended sliding and tension loads

| Code     | Channel   | Installation torque [Nm] | Sliding load [kN] | Tension load [kN] |
|----------|-----------|--------------------------|-------------------|-------------------|
| TG230620 | GPG271812 | 8.1                      | 0.51              | 0.43              |
| TG230830 | GPG271812 | 10.0                     | 0.75              | 1.83              |
| TG230620 | GPG283018 | 8.1                      | 0.40              | 0.55              |
| TG230830 | GPG283018 | 10.0                     | 0.52              | 2.77              |
| TG340830 | GPG384020 | 10.0                     | 0.82              | 3.52              |
| TG341030 | GPG384020 | 10.0                     | 0.84              | 3.08              |
| TG340830 | GPG402015 | 10.0                     | 0.81              | 2.45              |
| TG341030 | GPG402015 | 10.0                     | 0.92              | 1.64              |
| TG230620 | GPZ250808 | 8.1                      | 0.96              | 0.49              |
| TG230830 | GPZ250808 | 10.0                     | 1.05              | 0.67              |

## 3.2 TU-GU

### Channel nut



#### Material



Steel

#### Coating



Zinc-plated

#### Valid for



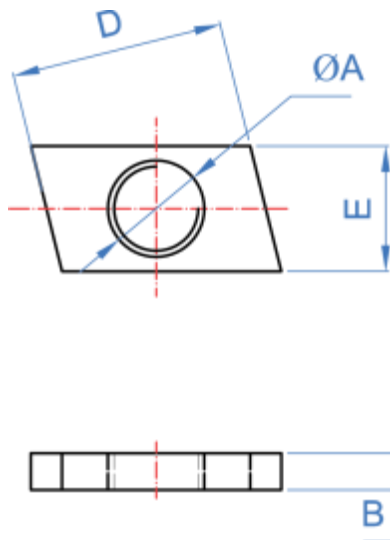
Slotted channel GP-G

### Installation data

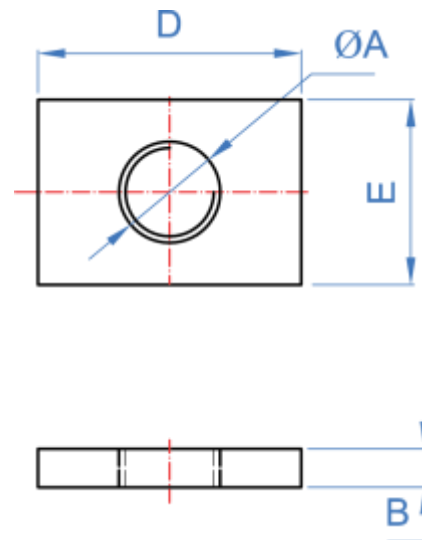
| Code      | ØA  | B | D  | E  | Valid for                             |
|-----------|-----|---|----|----|---------------------------------------|
| TUG201006 | M6  | 4 | 23 | 13 | 20/10 - 25/08 - 25/11 - 27/18 - 28/30 |
| TUG201008 | M8  | 4 | 23 | 13 | 20/10 - 25/08 - 25/11 - 27/18 - 28/30 |
| TUG271808 | M8  | 4 | 30 | 24 | 27/18 - 28/30 - 38/40 - 40/20         |
| TUG271810 | M10 | 4 | 30 | 24 | 27/18 - 28/30 - 38/40 - 40/20         |

### Drawing

TUG2010XX



TUG2718XX



### Maximum recommended sliding and tension loads

| Code      | Channel   | Installation torque [Nm] | Sliding load [kN] | Tension load [kN] |
|-----------|-----------|--------------------------|-------------------|-------------------|
| TUG271808 | GPI283015 | 14.9                     | 0.69              | 5.33              |
| TUG271808 | GPI384020 | 14.9                     | 0.74              | 5.84              |
| TUG271810 | GPI283015 | 25.8                     | 0.66              | 5.84              |
| TUG271810 | GPI384020 | 25.8                     | 1.20              | 6.19              |

### 3.3 TU-GRA

#### Indextrut fast nut-guide with washer

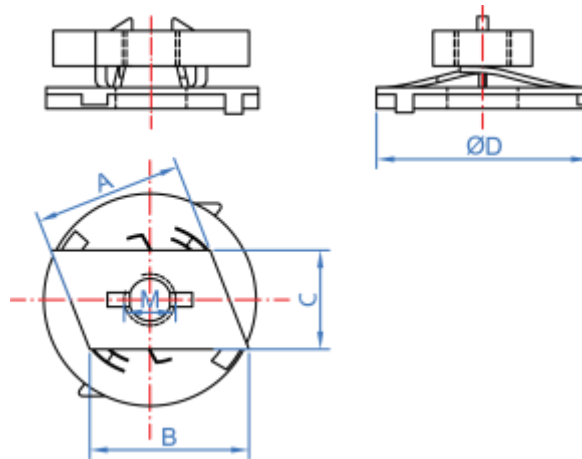


| Material                                                                          | Coating                                                                             | Valid for                                                                           |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |
| Steel                                                                             | Zinc-plated                                                                         | Slotted channel GP-G                                                                |

#### Installation data

| Code      | A    | B  | C  | ØD | M   | Valid for                             |
|-----------|------|----|----|----|-----|---------------------------------------|
| TUGRA2706 | 23,5 | 26 | 14 | 31 | M6  | 20/10 - 25/08 - 25/11 - 27/18 - 28/30 |
| TUGRA2708 | 23,5 | 26 | 14 | 31 | M8  | 20/10 - 25/08 - 25/11 - 27/18 - 28/30 |
| TUGRA3808 | 33   | 36 | 16 | 41 | M8  | 27/18 - 28/30 - 38/40 - 40/20         |
| TUGRA3810 | 33   | 36 | 16 | 41 | M10 | 27/18 - 28/30 - 38/40 - 40/20         |

#### Drawing



### 3.4 TO-GR

#### Indextrut fast-fixing stop screw



##### Material



Steel

##### Coating



Zinc-plated

##### Valid for

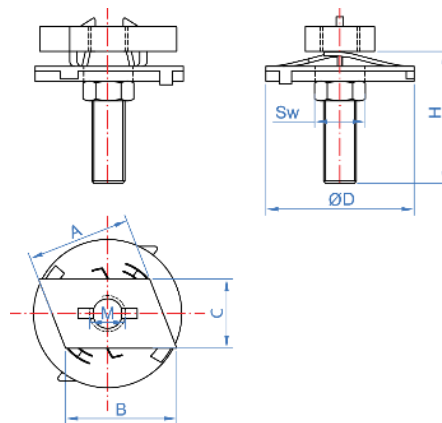


Slotted channel GP-G

#### Installation data

| Code      | A    | B  | C  | ØD | H  | M   | SW | Valid for                             |
|-----------|------|----|----|----|----|-----|----|---------------------------------------|
| TGR230620 | 23,5 | 26 | 14 | 31 | 23 | M6  | 10 | 20/10 - 25/08 - 25/11 - 27/18 - 28/30 |
| TGR230820 | 23,5 | 26 | 14 | 31 | 23 | M8  | 13 | 20/10 - 25/08 - 25/11 - 27/18 - 28/30 |
| TGR230830 | 23,5 | 26 | 14 | 31 | 33 | M8  | 13 | 20/10 - 25/08 - 25/11 - 27/18 - 28/30 |
| TGR340830 | 33   | 36 | 16 | 41 | 33 | M8  | 13 | 27/18 - 28/30 - 38/40 - 40/20         |
| TGR341030 | 33   | 36 | 16 | 41 | 33 | M10 | 17 | 27/18 - 28/30 - 38/40 - 40/20         |

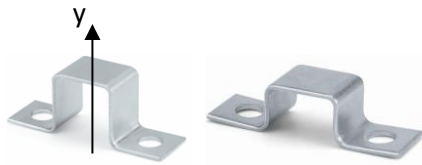
#### Drawing





### 3.6 PG-Z / PG-A2

#### Zinc-plated / stainless steel U-fitting

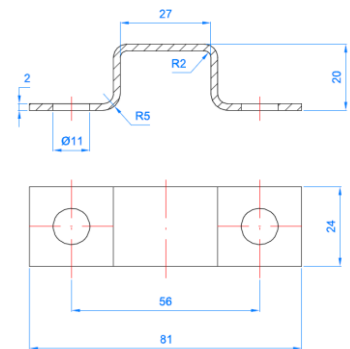
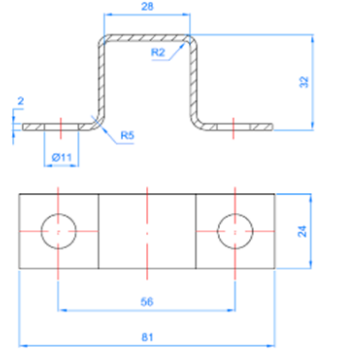
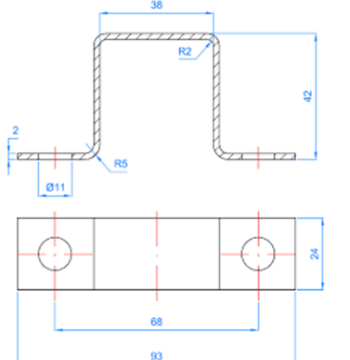


| Material                                                                          |                                                                                   | Coating                                                                            | Valid for |                                                                                                                                                                         |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |  |  | --        |   |
| Steel                                                                             | Stainless Steel A2                                                                | Zinc-plated                                                                        | --        | Slotted channel GP-G<br>Slotted channel GP-A2                                                                                                                           |

#### Installation data

| Code    | Code    | Valid for |
|---------|---------|-----------|
| PGZ2718 | PGI2718 | 27/18     |
| PGZ2830 | PGI2830 | 28/30     |
| PGZ3840 | PGI3840 | 38/40     |

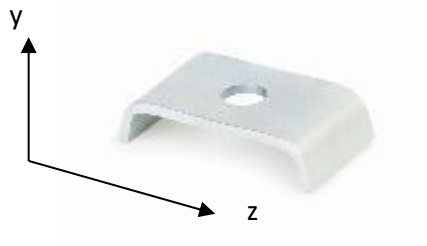
#### Drawing

| PGZ2718 / PGI2718                                                                  | PGZ2830 / PGI2830                                                                  | PGZ3840 / PGI3840                                                                    |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
|  |  |  |

| Code              | Maximum recommended load<br>Y axis [kg] |
|-------------------|-----------------------------------------|
| PGZ2718 / PGI2718 | 165                                     |
| PGZ2830 / PGI2830 | 100                                     |
| PGZ3840 / PGI3840 | 290                                     |

### 3.7 PU-Z

#### Union plate for profiles

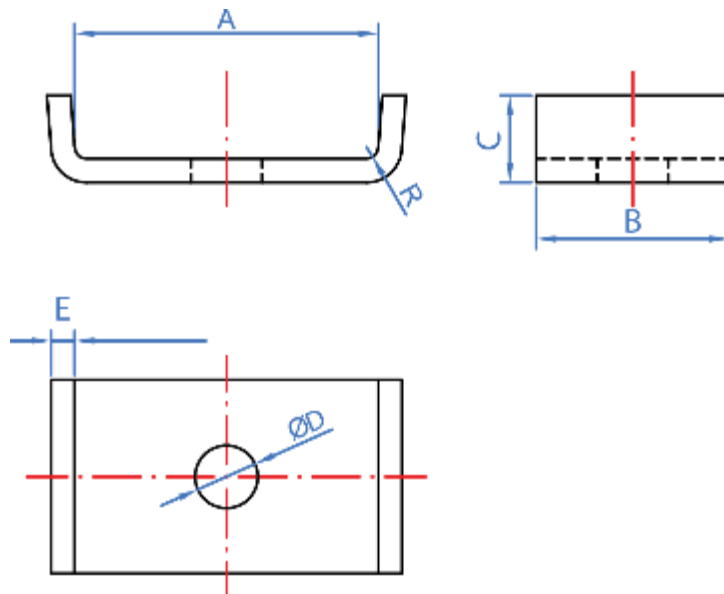


| Material                                                                          | Coating                                                                             | Valid for                                                                           |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |
| Steel                                                                             | Zinc-plated                                                                         | Guia perforada GP-G                                                                 |

#### Installation data

| Code    | A    | B  | C    | ØD | R   |
|---------|------|----|------|----|-----|
| PUZ2718 | 27,5 | 25 | 10,5 | 9  | 2   |
| PUZ3840 | 38,5 | 25 | 10,5 | 9  | 2,5 |

#### Drawing



| Code    | Maximum recommended load<br>Y axis [kg] | Maximum recommended load<br>Z axis [kg] |
|---------|-----------------------------------------|-----------------------------------------|
| PUZ2718 | 125                                     | 20                                      |
| PUZ3840 | 300                                     | 60                                      |

3.8 SO-TP

Plastic cap for framing systems



Material



Polypropylene

Valid for

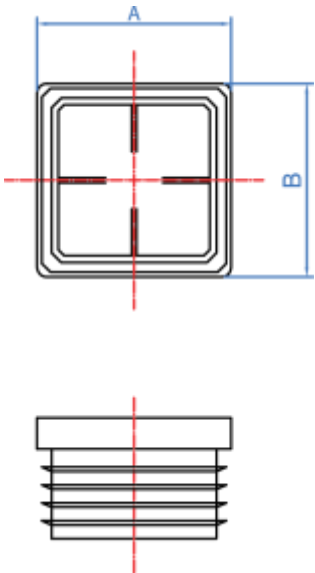


Slotted channel GP-G / GP-X

Installation data

| Code     | A  | B  |
|----------|----|----|
| SOTP2718 | 30 | 20 |
| SOTP2830 | 30 | 30 |
| SOTP3840 | 40 | 40 |
| SOTP4121 | 41 | 21 |
| SOTP4121 | 41 | 41 |

Drawing



**3.9 SO-PG**

**Isophonic rubber profile**



| Material                                                                          | Valid for                                                                           |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |
| EPDM Rubber (20 m)                                                                | Slotted channel GP-G / GP-X                                                         |

**Installation data**

| Code   | A  | B    | C | D    |
|--------|----|------|---|------|
| SOPG27 | 28 | 15,5 | 6 | 16   |
| SOPG38 | 39 | 17,5 | 8 | 19,5 |
| SOPG41 | 41 | 25,5 | 8 | 19   |

**Drawing**

