LAMPHOLDERS FOR INCANDESCENT HALOGEN LAMPS

A60A

Lampholder whose creepage and clearance distances allow the use in class II fixtures with working voltage up to 250V, if connected with double or triple insulated cables (ref. standard EN 60598.1).

Solid fixing steel structure, independent from the body, which allows to carry out quick and safe fixing of the lampholder. This solves the problem of the easy breaking, during the fixing process, of the existing lampholders.

- Steatite body.
  Contacts in special alloy.
  Retaining springs in stainless steel.
- Weight of the lampholder in standard execution (with cables L = 25 cm): 10 g.
- Instructions to fix the lampholder on structures: snap-in fixing on the support bracket inserted in the accessories presented in the following pages.

PATENTED

Lampholder:	**G9**
Rated voltage:	**250 V**
Rated current:	**2 A**
Working temperature (*):	**T 250°C** for A60A **T 200°C** for A60AY
Connected cables working temperature:	**T 105°÷ 250°C**
In conformity to the standards:	**UL 496** **CSA 22.2 N.43**
Approval marks:	**cURus**

***A60A**: version with working temperature T 250°C.*
***A60AY**: version with working temperature T 200°C.*

Single-conductor flexible connecting cables crimped to the lampholder:

Insulation	T in °C	Conduct.	Available voltages and AWG		
			300V	600V	18AWG
Silicone *Single insulation*	200	CuSn		•	•
FEP *Single insulation*	200	CuNi	•	•	•
FEP+FEP *Double insulation*	200	CuNi	•		•
PTFE *Single insulation*	250	CuNi	•	•	•
PTFE+PFA *Double insulation*	250	CuNi	•		•

Attention: in the end product the cables connected to this lampholder should not be accessible during the normal replacement operations of the lamp (if accessible a cord-grip device should be provided).

FOR NET TENSION 110 - 250V

A60A

1999

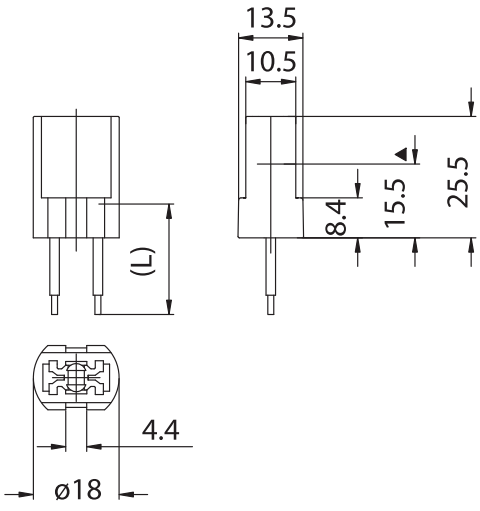
PATENTED

Lampholder:	**G9**
Rated voltage:	**250 V**
Rated current:	**2 A**
Working temperature:	**T 280°C**
Connected cables working temperature:	**T 105°÷ 250°C**
Overvoltage category:	**III**
Protection degree (IP):	**IP20**
In conformity to the standards:	**EN 60838-1**
In conformity to the requirements of the directive:	**2014/35/EU**
Approval marks:	**ENEC 03** ***CQC***

Double insulation

Single-conductor flexible connecting cables crimped to the lampholder:

Insulation	T in °C	Conduct.	Available sections in mm²			
			0,50	0,75	1,00	1,50
Silicone *Single insulation*	180	CuSn	•	•	•	
Silicone+glass-braid *Single insulation*	180	CuSn	•	•		
FEP *Single insulation*	180	CuSn	•	•	•	
FEP+FEP *Double insulation*	180	CuSn	•	•	•	
FEP+FEP+FEP *Triple insulation*	180	CuSn	•	•		
PTFE *Single insulation*	180	CuSn	•	•	•	
PTFE *Single insulation*	250	CuNi	•	•	•	
PTFE+PTFE *Double insulation*	250	CuNi	•	•	•	
PTFE+PFA *Double insulation*	250	CuNi		•	•	
PTFE+PFA+PFA *Triple insulation*	250	CuNi		•		
PFA *Single insulation*	260	CuNi	•	•	•	
PFA+PFA *Double insulation*	260	CuNi	•	•	•	



▲ Reference plane

LAMPHOLDERS FOR INCANDESCENT HALOGEN LAMPS

Lampholder whose creepage and clearance distances allow the use in class II fixtures with working voltage up to 250V, if connected with double or triple insulated cables (ref. standard EN 60598.1).

The lampholder has a quick connection system of the cables with double entrance spring clamp, which allows the application in parallel of more lampholders.

Solid fixing steel structure, independent from the body, which allows to carry out quick and safe fixing of the lampholder. This solves the problem of the easy breaking, during the fixing process, of the existing lampholders.

- Steatite body.
  Contacts in special alloy.
  Spring clamps with double insert ways (two each contact), push-in insertion already built in the lampholder.
  Retaining spring in stainless steel.

- Weight: 10 g.

- Instructions to fix the lampholder on structures: snap-in fixing on the support bracket inserted in the accessories presented in the following pages.

A66

c UL us

PATENTED

Lampholder:	**G9**
Rated voltage:	**250 V**
Rated current:	**2 A**
Working temperature:	**T 250°C**
Type of clamps to connect the cables:	**SPRING CLAMPS (push-in insertion)**
Clamps connecting capacity:	**18 AWG**
In conformity to the standards:	**UL 496** **CSA 22.2 N.43**
Approval marks:	**cURus**

Single-conductor flexible connecting cables crimped to the lampholder (arranged with crimped end-terminals l= 6 mm, or stripping l = 6 mm)

Insulation	T in °C	Conduct.	Available voltages and AWG		
			300V	600V	18AWG
FEP *Single insulation*	200	CuNi	•	•	•
FEP+FEP *Double insulation*	200	CuNi	•		•
PTFE *Single insulation*	250	CuNi	•	•	•
PTFE+PFA *Double insulation*	250	CuNi	•		•

Attention: in the end product the cables connected to this lampholder should not be accessible during the normal replacement operations of the lamp (if accessible a cord-grip device should be provided).

Edition April 2012

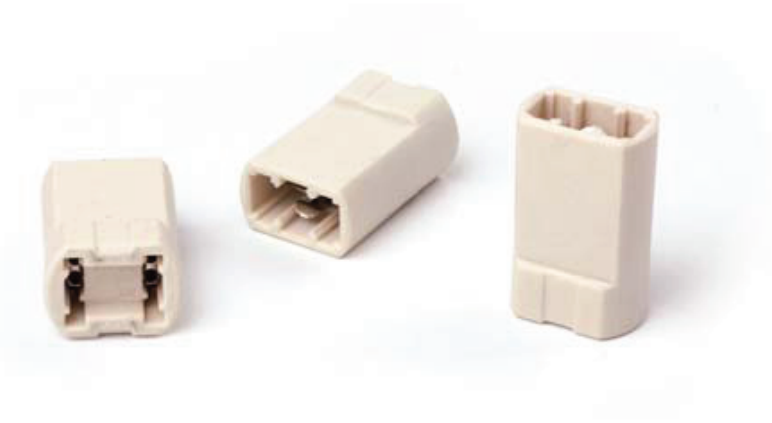
FOR NET TENSION 110 - 250V

A66

2003

PATENTED

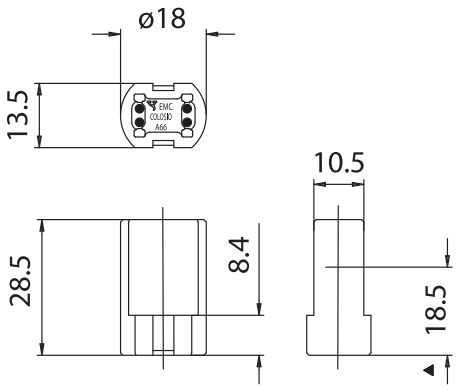
Lampholder:	**G9**
Rated voltage:	**250 V**
Rated current:	**2 A**
Working temperature:	**T 280°C**
Type of clamps to connect the cables:	**SPING CLAMPS (push-in insertion)**
Clamps connecting capacity:	**0,50 - 0,75 mm²**
Overvoltage category:	**III**
Protection degree (IP):	**IP20**
In conformity to the standards:	**EN 60838-1**
In conformity to the requirements of the directive:	**2014/35/EU**
Approval marks:	**ENEC 03** ***CQC***



Double insulation

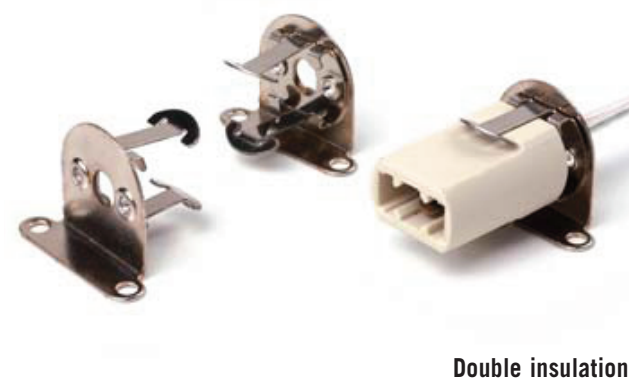
Single-conductor flexible connecting cables which could be connected to the lampholder (arranged with crimped end-terminals, or with stripping 6 mm, or with tinning 6 mm):

Insulation	T in °C	Conduct.	Available sections in mm²			
			0,50	0,75	1,00	1,50
Silicone *Single insulation*	180	CuSn	•	•		
FEP *Single insulation*	180	CuSn	•	•		
FEP+FEP *Double insulation*	180	CuSn	•	•		
FEP+FEP+FEP *Triple insulation*	180	CuSn	•	•		
PTFE *Single insulation*	180	CuSn	•	•		
PTFE *Single insulation*	250	CuNi	•	•		
PTFE+PTFE *Double insulation*	250	CuNi	•	•		
PTFE+PFA *Double insulation*	250	CuNi		•		
PTFE+PFA+PFA *Triple insulation*	250	CuNi		•		
PFA *Single insulation*	260	CuNi	•	•		
PFA+PFA *Double insulation*	260	CuNi	•	•		

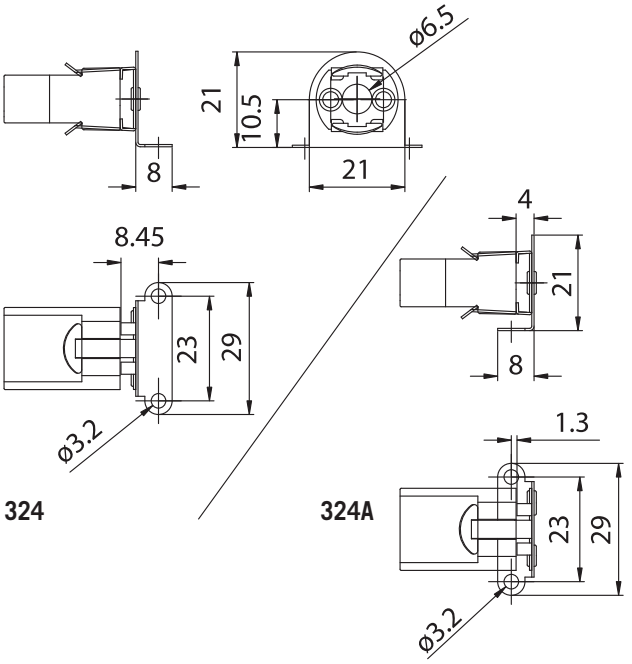


▲ Reference plane

324-



Double insulation

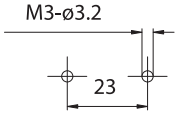


324 **324A**

324: 90° bracket, for lampholders A60A and A66, in nickel-plated iron, with fixing holes diameter 3,2 mm, with 23 mm center distance, turned towards the cables.

324A: 90° bracket, in nickel-plated iron, with fixing holes diameter 3,2 mm with 23 mm center distance, turned towards the lampholder.

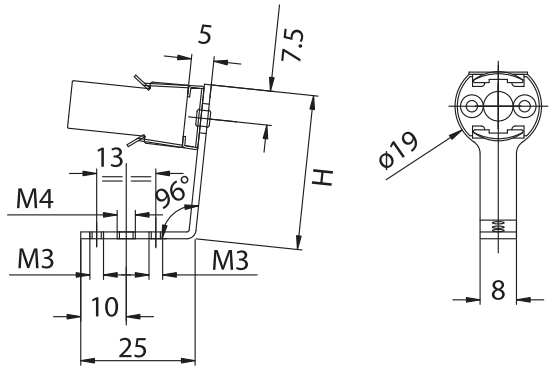
- Weight: 4 g.
- Instructions to fix the bracket on the structure.



- Bracket fixing by holes diameter 3,2 mm with center distance 23 mm.
- Snap-in fixing to the lampholders.

413-

Double insulation

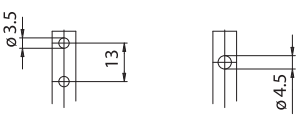


413-: 96° bracket, for lampholders A60A and A66, in zinc-plated iron, with M3 fixing holes, with 13 mm center distance, and M4 hole.

413/19: bracket with lateral side height 19 mm (H)
413/23: bracket with lateral side height 23 mm (H)
413/29: bracket with lateral side height 29 mm (H)
413/31: bracket with lateral side height 31 mm (H)

Note: It is also possible to supply the bracket with earth clamp (ref. art. 413T/-).

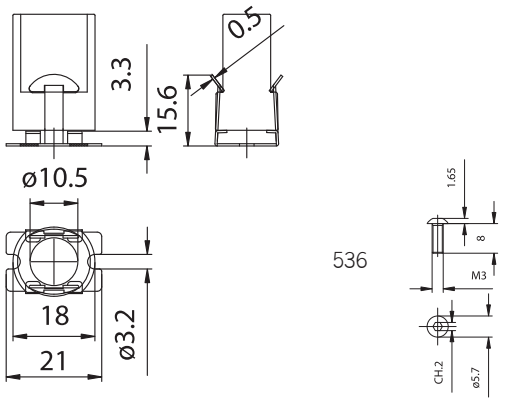
- Weight: 7 g.
- Instructions to fix the bracket on the structure.



- Fixing of the bracket by screws to be tightened in the chosen threaded holes.
- Snap-in fixing to the lampholders.

319A

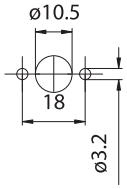
PATENTED **Double insulation**



319A: support bracket, for lampholders A60A and A66, in steel, with fixing holes diameter 3,2 mm with center distance 18 mm.

Available screws M3 x 8 mm with rounded hexagonal head, diameter 5,7 mm, key 2 mm, in white zinc-plated steel (art. 536).

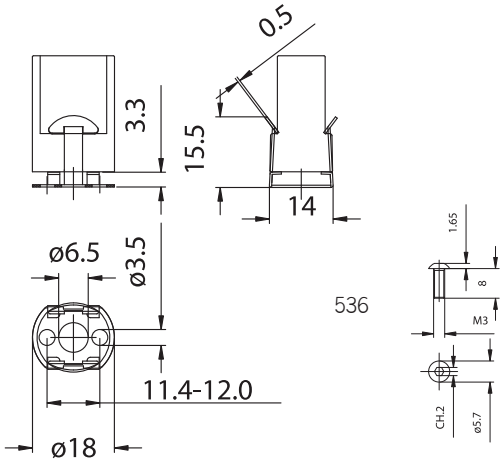
- Weight: 2 g.
- Instructions to fix the bracket on the structure.



- Bracket fixing by holes diameter 3,2 mm with center distance 18 mm.
- Snap-in fixing to the lampholders.

319

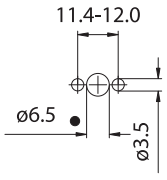
PATENTED **Double insulation**



319: support bracket, for lampholders A60A and A66, in steel, with fixing slotted holes diameter 3,2 mm with center distance 11,4 - 12,0 mm.

Available screws M3 x 8 mm with rounded hexagonal head, diameter 5,7 mm, key 2 mm, in white zinc-plated steel (art. 536).

- Weight: 2 g.
- Instructions to fix the bracket on the structure.

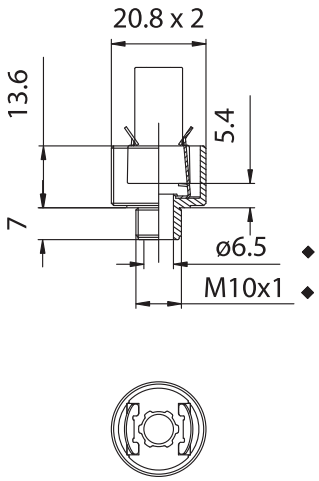


● Suggested minimum dimension for cables passage (if necessary)

- Bracket fixing by holes diameter 3,2 mm with center distance 11,4 -12 mm.
- Snap-in fixing to the lampholders.

490M

Double insulation



◆ M8 x1 - ø 4,8 mm

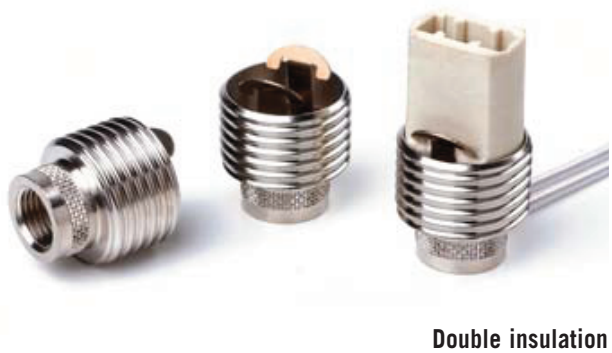
490M: adapter, for lampholders A60A and A66, in nickel-plated brass, with round thread 20,8 x2 mm, height 13 mm, with male thread M10 x1.

490MA: ◆ version with male thread M8 x1.

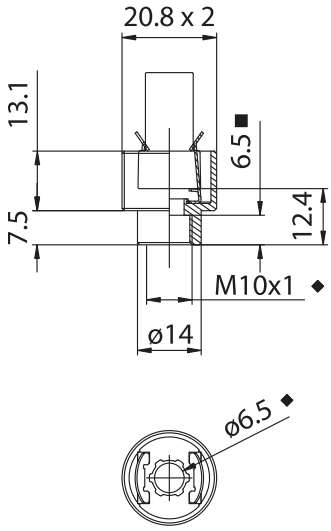
- Weight: 12 g.

- Fixing of the adapter in faceted holes.
- Snap-in fixing to the lampholders.

490



Double insulation



◆ M8 x1 - ø 4,8 mm ■ Thread depth

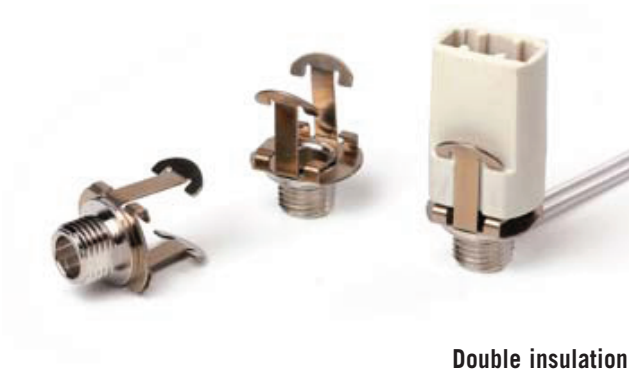
490: adapter, for lampholders A60A and A66, in nickel-plated brass, with round thread 20,8 x2 mm, height 13 mm, with female thread M10 x1.

490A: ◆ version with female thread M8 x1.

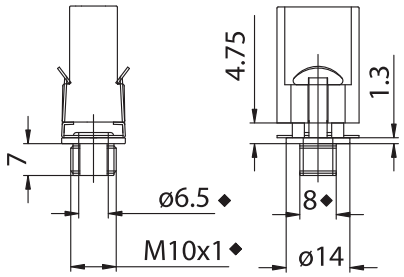
- Weight: 15 g.

- Fixing of the adapter by threaded nipples.
- Snap-in fixing to the lampholders.

320M



Double insulation

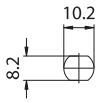


◆ M8 x1 - 6,2 - ø 4,8 mm

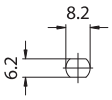
320M: male nipple, for lampholders A60A and A66, in nickel-plated brass, with thread M10 x1.

320MA: ◆ version with nipple thread M8 x1.

- Weight: 5 g.
- Instructions to fix the nipple on the structure.



320M

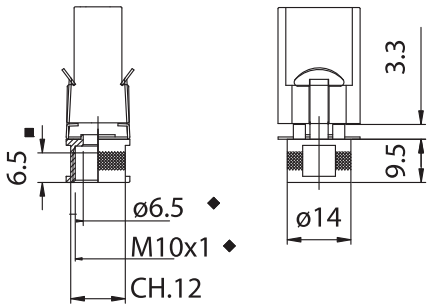


320MA

- Fixing of the adapter in faceted holes.
- Snap-in fixing to the lampholders.

320

Double insulation



◆ M8 x1 - ø 4,8 mm ■ Thread depth

320: female nipple, for lampholders A60A and A66, in nickel-plated brass, with threaded hole M10 x1.

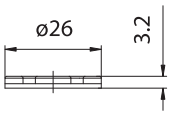
320A: ◆ version with nipple threaded hole M8 x1.

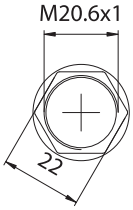
320Z - 320AZ: version nipple equipped with M3 dowel, without head, for nipple-block.

- Weight: 8 g.

- Fixing of the adapter by threaded nipples.
- Snap-in fixing to the lampholders.

334



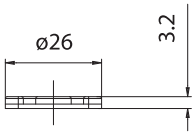


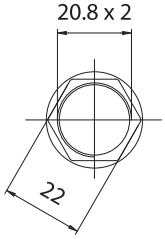
334: ring-nut threaded M20,6 x1, diameter 26 mm, with hexagonal profile key 22 mm, for adapters 333- and 335-.

Note: to easily fix the ring-nut 334 it is also available an hexagonal recessed indent key 22 (ref. art. 440).

- Weight: 3 g.

734



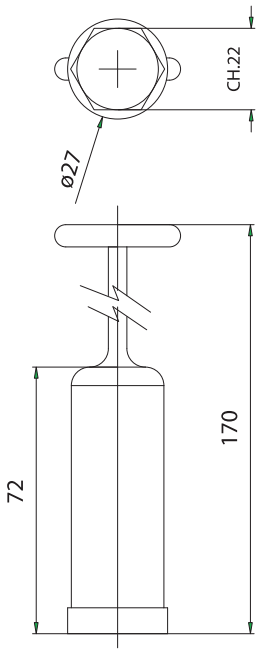


734: ring-nut round threaded 20,8 x2 mm, diameter 26mm, with hexagonal profile key 22 mm, for adapters 490- and 420-.

Note: to easily fix the ring-nut 734 it is also available an hexagonal recessed indent key 22 (ref. art. 440).

- Weight: 3 g.

440

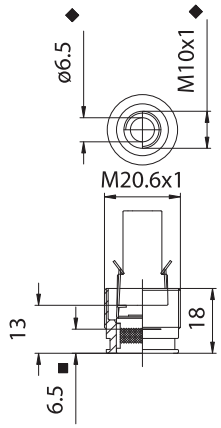


440: key with hexagonal indent form 22 mm, in PA66, for art. 334, ring-nut threaded M20,6 x1 or art. 734, ring-nut round threaded 20,8 x2 mm.

- Weight: 18 g.

335

PATENTED **Double insulation**



◆ M8 x1 - ø 4,8 mm ■ Thread depth

335: adapter, for lampholders A60A and A66, in nickel-plated brass, with external thread M20,6 x1 and threaded hole M10 x1.

335A: ◆ version with threaded hole M8 x1.

335Z - 335AZ: version equipped with M3 dowel, without head, for nipple-block.

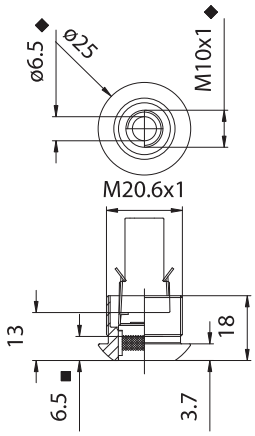
- Weight: 20 g.

Note: it is possible to process similar customized accessories upon customer's request.

- Fixing of the adapter by threaded nipples.
- Snap-in fixing to the lampholders.

333

PATENTED **Double insulation**



◆ M8 x1 - ø 4,8 mm ■ Thread depth

333: adapter, for lampholders A60A and A66, in nickel-plated brass, with external thread M20,6 x1, ledge 25 mm, and threaded hole M10 x1.

333A: ◆ version with threaded hole M8 x1.

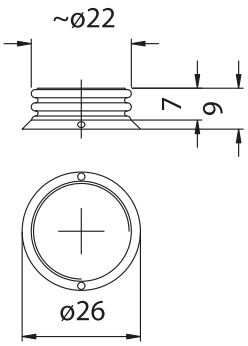
333Z - 333AZ: version equipped with M3 dowel, without head, for nipple-block.

- Weight: 25 g.

Note: it is possible to process similar customized accessories upon customer's request.

- Fixing of the adapter by threaded nipples.
- Snap-in fixing to the lampholders.

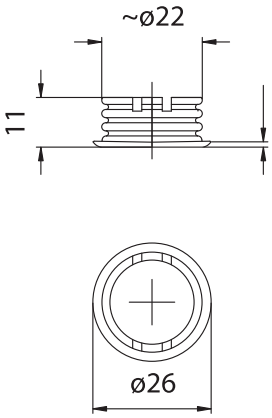
420F/9



420F/9: ring-nut, white zinc-plated iron, with round thread 20,8 x2 mm, height 9 mm, for adapter 420-.

- Weight: 1,5 g.

420FV/11T3

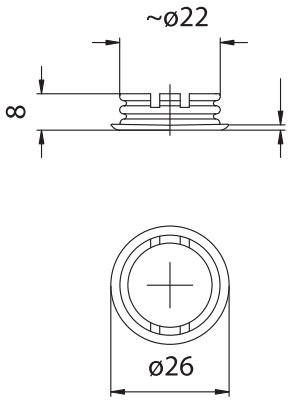


420FV/11T3: ring-nut, in white zinc-plated iron, with plain ledge with round thread 20,8 x2 mm, height 11 mm, with rifts, for adapter 420-.

- Weight: 1,5 g.

Note: this ring-nut works properly when inserted in holes diameter 22 ± 0,2 mm.

420FV/8T3

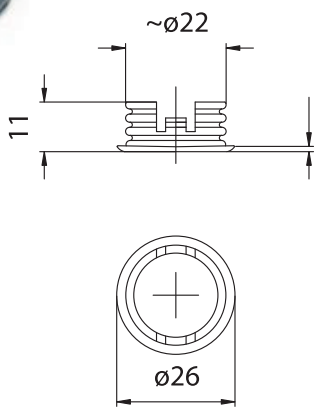


420FV/8T3: ring-nut, in white zinc-plated iron, with plain ledge with round thread 20,8 x2 mm, height 8 mm, with rifts, for adapter 420-.

- Weight: 1,5 g.

Note: this ring-nut works properly when inserted in holes diameter 22 ± 0,2 mm.

420FV/11T63



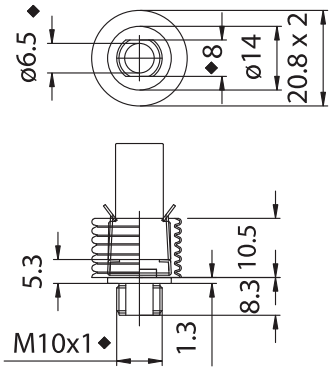
420FV/11T63: ring-nut, in white zinc-plated iron, with plain ledge with round thread 20,8 x2 mm, height 11 mm, with rifts, for adapter 420-.

- Weight: 1,5 g.

Note: this ring-nut works properly when inserted in holes diameter 22 ± 0,2 mm.

420M

Double insulation



◆ M8 x1 - 6,2 - ø 4,8 mm

420M: adapter, for lampholders A60A and A66, in white zinc-plated iron, with round thread 20,8 x2 mm, height 10,5 mm, with nickel-plated brass male nipple with thread M10 x1.

420MA: ◆ version with nipple thread M8 x1.

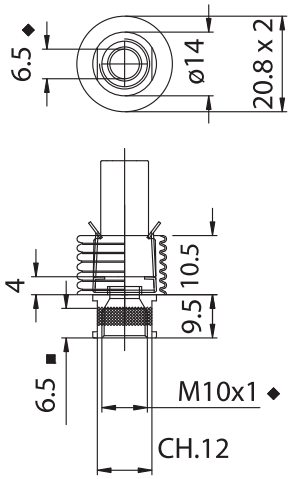
- Weight: 7 g.
- Instructions to fix the adapter on the structure.

420M 420MA

- Fixing of the adapter in faceted holes.
- Snap-in fixing to the lampholders.

420

Double insulation



◆ M8 x1 - ø 4,8 mm ■ Thread depth

420: adapter, for lampholders A60A and A66, in white zinc-plated iron, with round thread 20,8 x2 mm, height 10,5 mm, with nickel-plated brass female nipple with threaded hole M10 x1.

420A: ◆ version with female nipple threaded M8 x1.

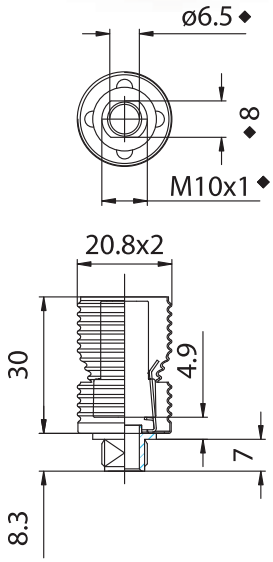
420Z - 420AZ: version nipple equipped with M3 dowel, without head, for nipple-block.

- Weight: 10 g.

- Fixing of the adapter by threaded nipples.
- Snap-in fixing to the lampholders.

420/30M

Double insulation

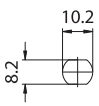


◆ M8 x1 - 6,2 - ø 4,8 mm

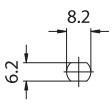
420/30M: adapter, for lampholders A60A and A66, in white zinc-plated iron, with round thread 20,8 x2 mm, height 30 mm, with nickel-plated brass male nipple with thread M10 x1.

420/30MA: ◆ version with nipple thread M8 x1.

- Weight: 9 g.
- Instructions to fix the adapter on the structure.



420/30M

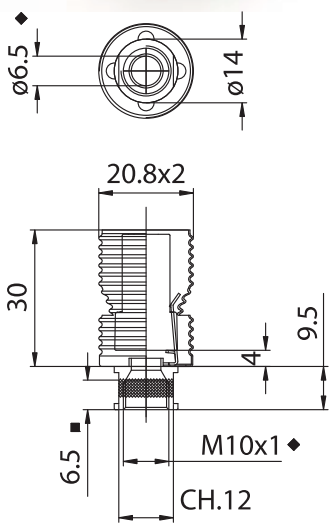


420/30MA

- Fixing of the adapter in faceted holes.
- Snap-in fixing to the lampholders.

420/30

Double insulation



◆ M8 x1 - ø 4,8 mm ■ Thread depth

420/30: adapter, for lampholders A60A and A66, in white zinc-plated iron, with round thread 20,8 x2 mm, height 30 mm, with nickel-plated brass female nipple with threaded hole M10 x1.

420/30A: ◆ version with female nipple threaded M8 x1.

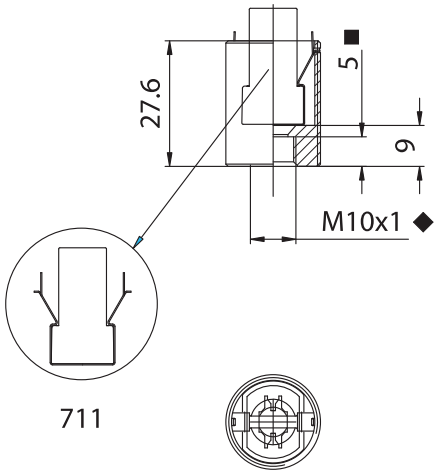
420/30Z - 420/30AZ: version nipple equipped with M3 dowel, without head, for nipple-block.

- Weight: 12 g.

- Fixing of the adapter by threaded nipples.
- Snap-in fixing to the lampholders.

740

Double insulation



◆ M8 x1 - ø 4,8 mm ■ Thread depth

740: adapter, for lampholders A60A and A66, in nickel-plated brass, with external round thread 20,8 x2 mm, height 27,6 mm, and threaded hole M10 x1.

- Fixing of the lampholder to the adapter with retaining spring, art. 711, assembled to the lampholder during its insertion in the adapter.

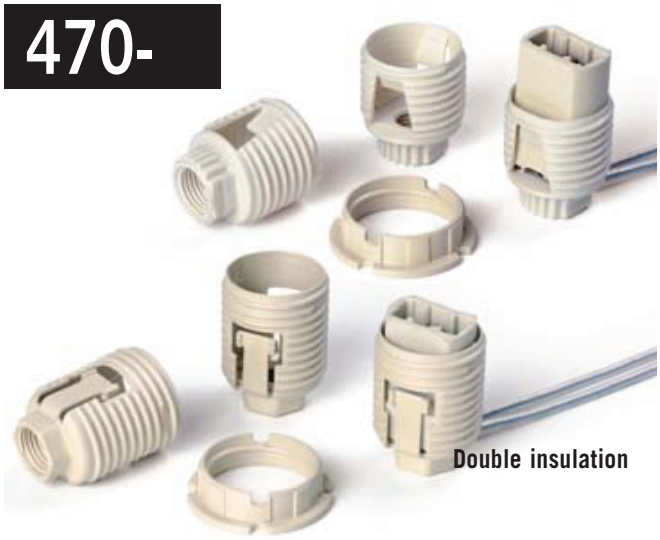
740A: ◆ version with threaded hole M8 x1.

- Weight: 30 g.

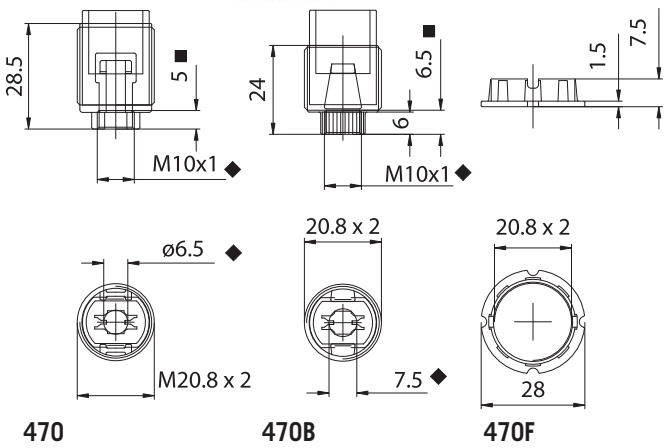
Note: it is possible to process similar customized accessories upon customer's request.

- Fixing of the adapter by threaded nipples.
- Fixing of the lampholder by release of the retaining spring art. 711.

470-



Double insulation



470 **470B** **470F**

◆ M8 x1 - ø 4,8 mm ■ Thread depth

470: adapter, for lampholders A60A and A66, in natural LCP T260°C, with external round thread 20,8 x2 mm, height 28,5 mm, and threaded hole M10 x1.

470A: ◆ version with threaded hole M8 x1.

- Weight: 3 g.

470B: adapter, for lampholders A60A and A66, in natural PPS T210°C, with external round thread 20,8 x2 mm, height 24 mm, and threaded hole M10 x1.

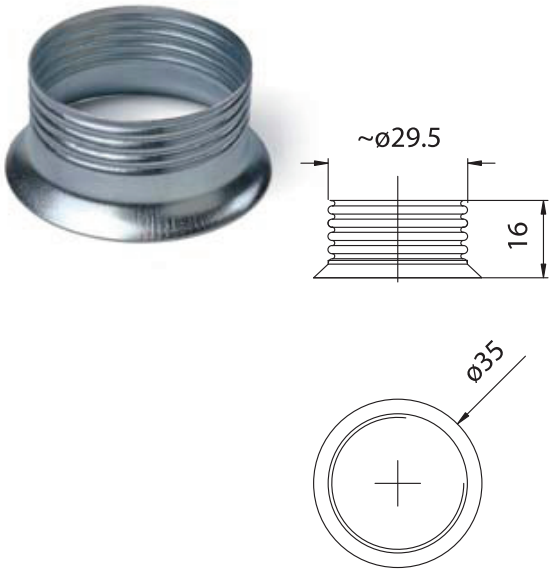
- Weight: 2 g.

470F: ring-nut, in natural LCP, with round thread 20,8 x2 mm, height 7,5 mm, for adapter 470-.

- Weight: 1 g.

- Fixing of the adapter by threaded nipples.
- Snap-in fixing to the lampholders.

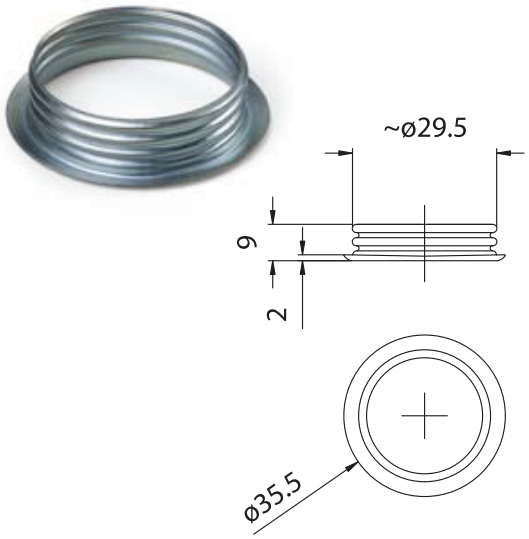
428F/16



428F/16: ring-nut, in white zinc-plated iron, with round thread 28 x2 mm, height 16 mm, for adapter 428.

- Weight: 3,5 g.

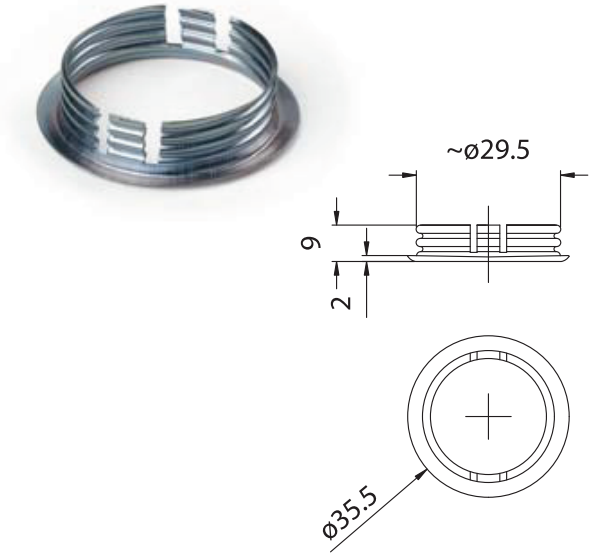
428FV/9



428FV/9: ring-nut, in white zinc-plated iron, with plain ledge with round thread 28 x2 mm, height 9 mm, for adapter 428-.

- Weight: 2 g.

428FV/9T6



428FV/9T6: ring-nut, in white zinc-plated iron, with plain ledge with round thread 28 x2 mm, height 9 mm, with rifts, for adapter 428-.

- Weight: 2 g.

Note: this ring-nut works properly when inserted in holes diameter 29,5 ± 0,2 mm.

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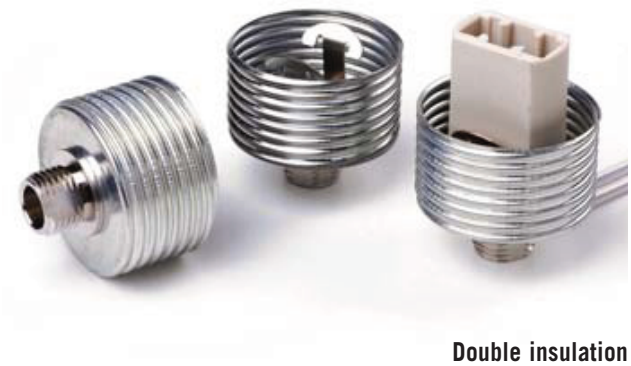
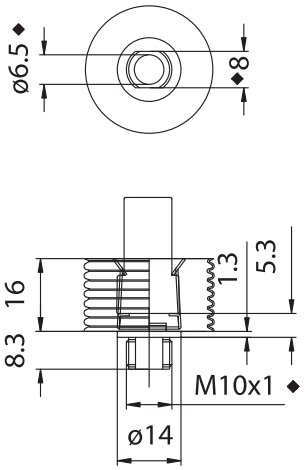
428M



Double insulation



◆ M8 x1 - 6,2 - ø 4,8 mm

428M: adapter, for lampholders A60A and A66, in white zinc-plated iron, with round thread 28 x2 mm, height 16 mm, with nickel-plated brass male nipple with thread M10 x1.

428MA: ◆ version with nipple thread M8 x1.

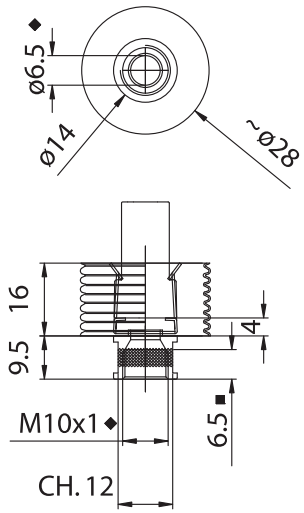
- Weight: 9 g.
- Instructions to fix the adapter on the structure.

428M 428MA

- Fixing of the adapter in faceted holes.
- Snap-in fixing to the lampholders.

428

Double insulation



◆ M8 x1 - ø 4,8 mm ■ Thread depth

428: adapter, for lampholders A60A and A66, in white zinc-plated iron, with round thread 28 x2 mm, height 16 mm, with nickel-plated brass female nipple with threaded hole M10 x1.

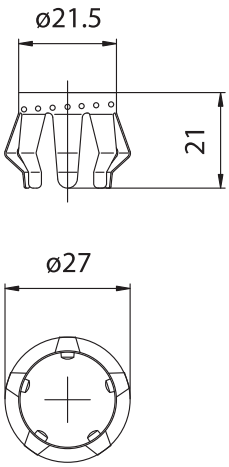
428A: ◆ version with female nipple threaded M8 x1.

428Z - 428AZ: version nipple equipped with M3 dowel, without head, for nipple-block.

- Weight: 12 g.

- Fixing of the adapter by threaded nipples.
- Snap-in fixing to the lampholders.

439

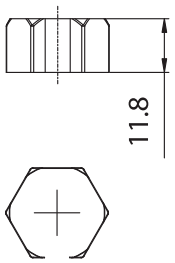


439: "spider" spring, in nickel-plated steel, used to hold glasses with internal hole from 22 to 25 mm to be fastened on specific structures or with the adapters or cases with round thread.

- Weight: 3 g.

Attention: in order to use properly the glass-holder springs, we recommend to carefully evaluate the tolerances of the hole, the glass thickness and the weight of the glass itself.

442



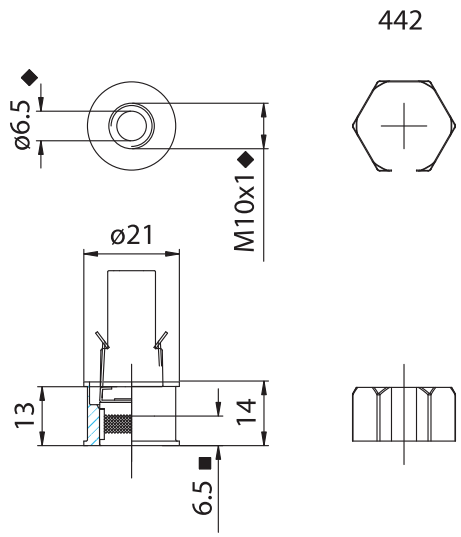
442: hexagonal spring, in steel , height 11,8 mm, used to hold the glass with internal hole diameter 22 ÷ 22,5 mm to be housed on specific structures (see our item 443).

- Weight: 1,2 g.

Attention: in order to use properly the glass-holder springs, we recommend to carefully evaluate the tolerances of the hole, the glass thickness and the weight of the glass itself.

465

Double insulation



◆ M8 x1 - ø 4,8 mm ■ Thread depth

465: adapter, for lampholders A60A and A66, in nickel-plated brass, with glass-holder spring for glasses with holes diameter 22 ÷ 22,5 and threaded hole M10 x1.

- Glass-holder spring, in steel, included but not assembled on the piece (art. 442).

465A: ◆ version with threaded hole M8 x1.

465Z - 465AZ: version equipped with M3 dowel, without head, for nipple-block.

- Weight: 20 g.

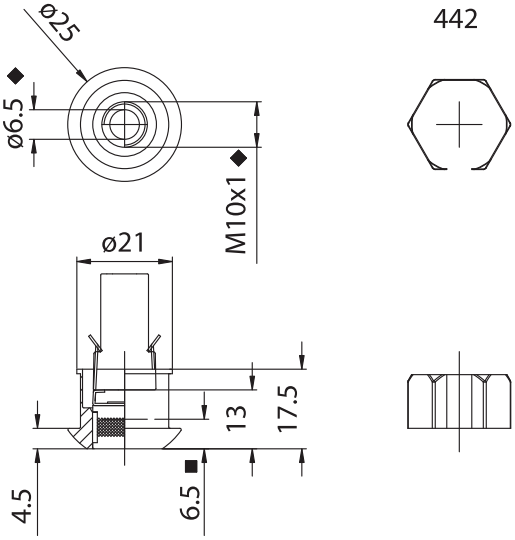
ATTENTION: in order to use properly the glass-holder springs, we recommend to carefully evaluate the tolerances of the hole, the glass thickness and the weight of the glass itself.

Note: it is possible to process similar customized accessories upon customer's request.

- Fixing of the adapter by threaded nipples.
- Snap-in fixing to the lampholders.

443

Double insulation



◆ M8 x1 - ø 4,8 mm ■ Thread depth

443: adapter, for lampholders A60A and A66, in nickel-plated brass, with glass-holder spring for glasses with holes diameter 22 ÷ 22,5, ledge diameter 25 mm, and threaded hole M10 x1.

- Glass-holder spring, in steel, included but not assembled on the piece (art. 442).

443A: ◆ version with threaded hole M8 x1.

443Z - 443AZ: version equipped with M3 dowel, without head, for nipple-block.

- Weight: 25 g.

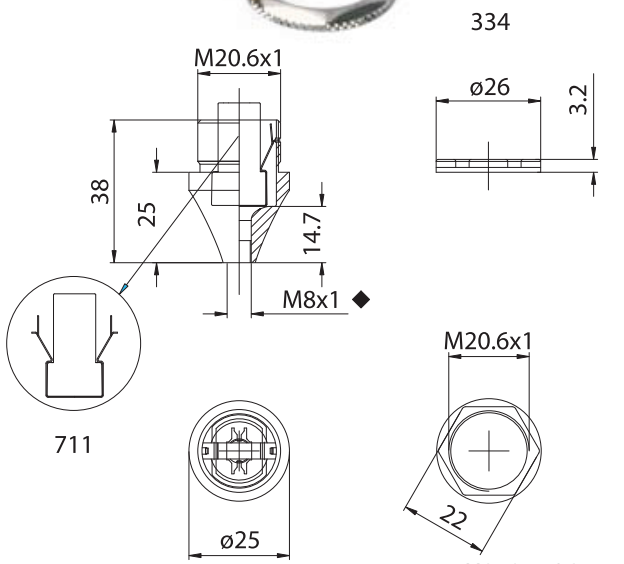
ATTENTION: in order to use properly the glass-holder springs, we recommend to carefully evaluate the tolerances of the hole, the glass thickness and the weight of the glass itself.

Note: it is possible to process similar customized accessories upon customer's request.

- Fixing of the adapter by threaded nipples.
- Snap-in fixing to the lampholders.

753-

Double insulation



◆ M6 x1 -ø 4,8 mm

753CA: adapter with "concave" profile, for lampholders A60A and A66, in raw brass, with external thread M20,6 x1, ledge 25 mm, and threaded hole M8 x1.

753VA: adapter as 753CA with "convex" profile.

- Fixing of the lampholder to the adapter with retaining spring, art. 711, assembled to the lampholder during its insertion in the adapter.

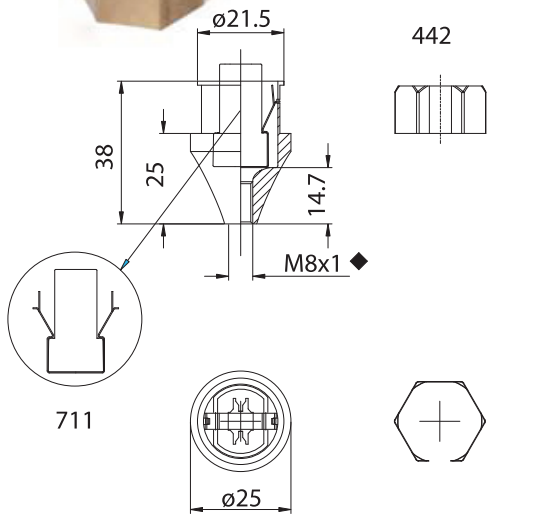
753CB - **753VB:** ◆ versions with threaded hole M6 x1.

- Weight: 30 g.

- Fixing of the adapter by threaded nipples.
- Fixing of the lampholder by release of the retaining spring art. 711.

750-

Double insulation



◆ M6 x1 -ø 4,8 mm

750CA: adapter with "concave" profile, for lampholders A60A and A66, in raw brass, with glass-holder spring for glasses with holes diameter 22 ÷ 22,5, ledge 25 mm, and threaded hole M8 x1.

750VA: adapter as 750CA with "convex" profile.

- Fixing of the lampholder to the adapter with retaining spring, art. 711, assembled to the lampholder during its insertion in the adapter.
- Glass-holder spring, in steel, included but not assembled on the piece (art.442).

750CB - **750VB:** ◆ versions with threaded hole M6 x1.

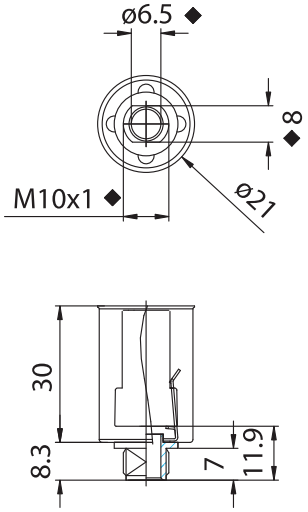
- Weight: 30 g.

ATTENTION: in order to use properly the glass-holder springs, we recommend to carefully evaluate the tolerances of the hole, the glass thickness and the weight of the glass itself.

- Fixing of the adapter by threaded nipples.
- Fixing of the lampholder by release of the retaining spring art. 711.

488M

Double insulation



◆ M8 x1 - 6,2 - ø 4,8 mm

488M: adapter, for lampholders A60A and A66, in white zinc-plated iron, diameter 21 mm, height 30 mm, with nickel-plated brass male nipple with thread M10 x1.

488MA: ◆ version with nipple thread M8 x1.

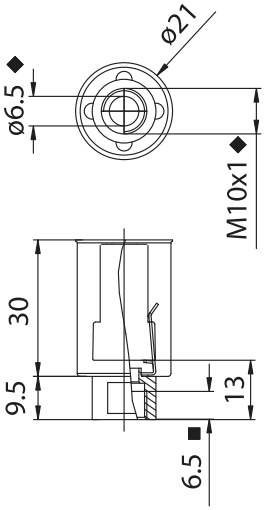
- Weight: 9 g.
- Instructions to fix the adapter on the structure.

488M 488MA

- Fixing of the adapter in faceted holes.
- Snap-in fixing to the lampholders.

488

Double insulation



◆ M8 x1 - ø 4,8 mm ■ Thread depth

488: adapter, for lampholders A60A and A66, in white zinc-plated iron, diameter 21 mm, height 30 mm, with nickel-plated brass female nipple with threaded hole M10 x1.

488A: ◆ version with female nipple threaded M8 x1.

488Z - 488AZ: version nipple equipped with M3 dowel, without head, for nipple-block.

- Weight: 12 g.

- Fixing of the adapter by threaded nipples.
- Snap-in fixing to the lampholders.

468-

Double insulation

468: case, for lampholders A60A and A66, in white zinc-plated iron, diameter 23,5 mm and 21 mm height, with glass-holder spring used to hold pyrex tubes with internal diameter 24mm.

468F - 468FA: case 468 with support bracket for the lampholders and nickel-plated brass female nipple with threaded hole M10 x1 (468F) or M8 x1 (468FA).

468M - 468MA: case 468 with support bracket for the lampholders and nickel-plated brass male nipple with thread M10 x1 (468M) or M8 x1 (468MA).

468FC5 - 468FAC5: case 468 with support bracket for the lampholders, chrome-plated iron cover flange, with holes and edge 5,4 mm height, and brass female nipple with threaded hole M10 x1 (468FC5) or M8 x1 (468FAC5).
Other cover flange finishings on request.

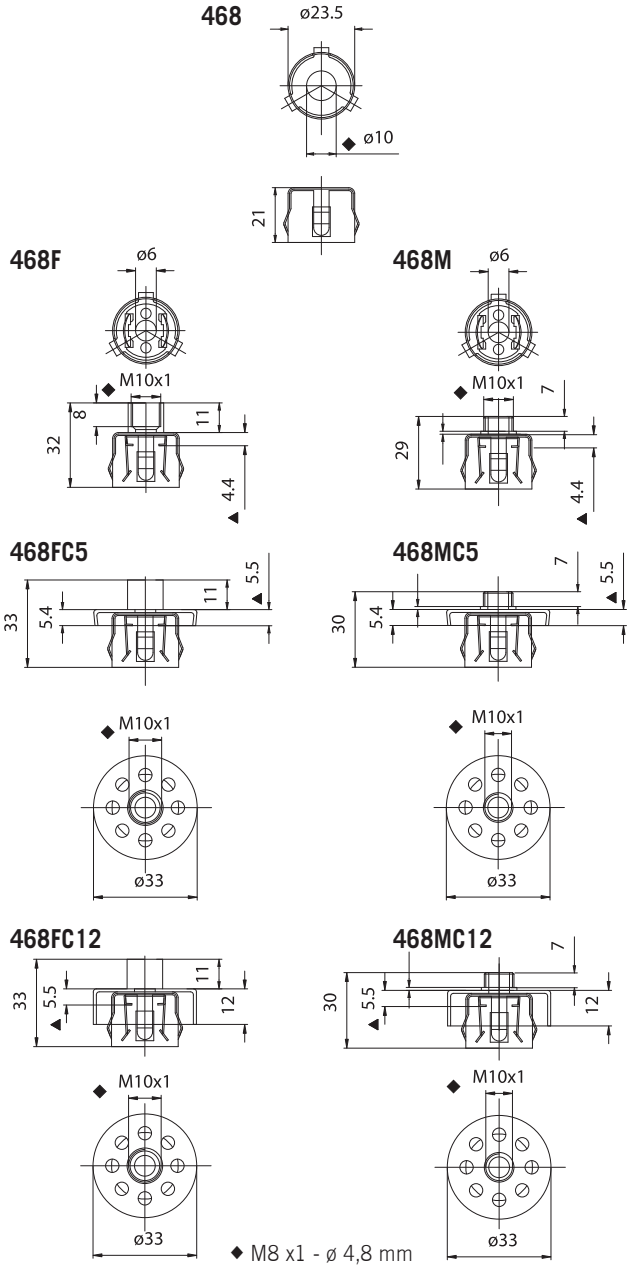
468MC5 - 468MAC5: case 468 with support bracket for the lampholders, chrome-plated iron cover flange with holes and edge 5,4 mm height, and brass male nipple with thread M10 x1 (468MC5) or M8 x1 (468MAC5).
Other cover flange finishings on request.

468FC12 - 468FAC12: case 468 with support bracket for the lampholders, chrome-plated iron cover flange with holes and edge 12 mm height, and brass female nipple with threaded hole M10 x1 (468FC12) or M8 x1 (468FAC12).
Other cover flange finishings on request.

468MC12 - 468MAC12: case 468 with support bracket for the lampholders, chrome-plated iron cover flange with holes and edge 12 mm height, and brass male nipple with thread M10 x1 (468MC12) or M8 x1 (468MAC12).
Other cover flange finishings on request.

ATTENTION: in order to use properly the glass-holder springs, we recommend to carefully evaluate the tolerances of the hole, the glass thickness and the weight of the glass itself.

- Fixing of the adapter by threaded nipples.
- Snap-in fixing to the lampholders.



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469-

Double insulation

469: case, for lampholders A60A and A66, in white zinc-plated iron, diameter 23,5 mm and 31 mm height, with glass-holder spring used to hold pyrex tubes with internal diameter 24mm.

469F - 469FA: case 469 with support bracket for the lampholders and nickel-plated brass female nipple with threaded hole M10 x1 (469F) or M8 x1 (469FA).

469M - 469MA: case 469 with support bracket for the lampholders and nickel-plated brass male nipple with thread M10 x1 (469M) or M8 x1 (469MA).

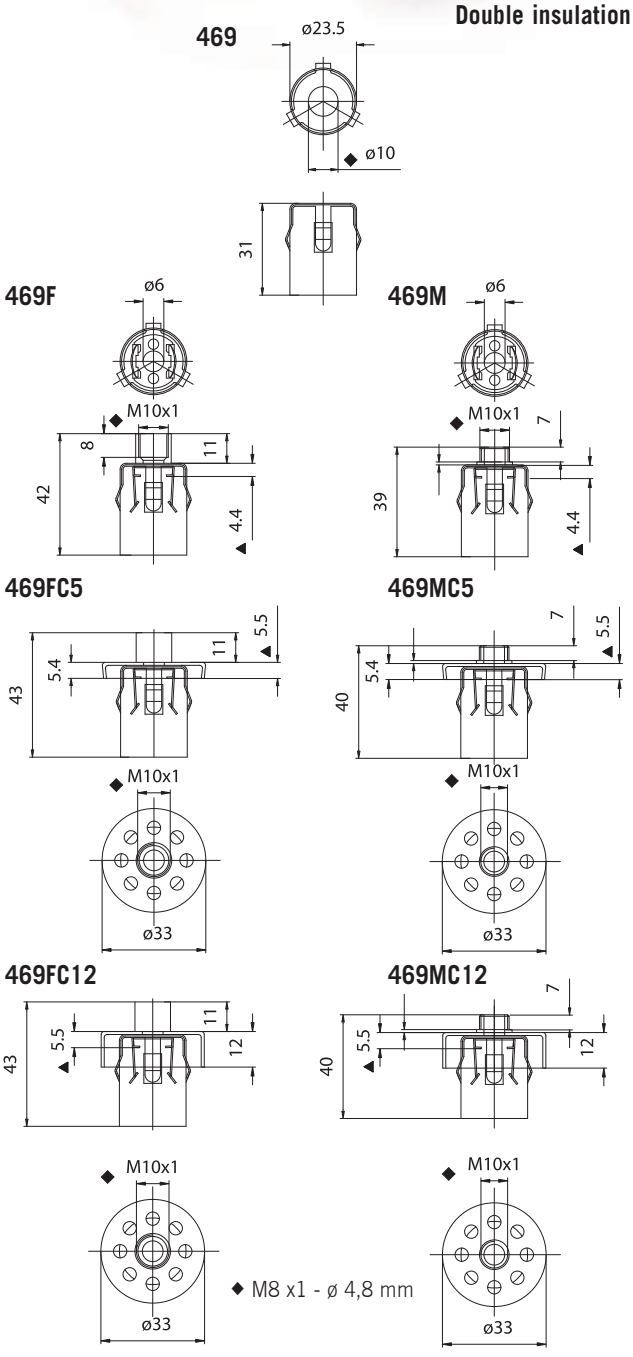
469FC5 - 469FAC5: case 469 with support bracket for the lampholders, chrome-plated iron cover flange, with holes and edge 5,4 mm height, and brass female nipple with threaded hole M10 x1 (469FC5) or M8 x1 (469FAC5).
Other cover flange finishings on request.

469MC5 - 469MAC5: case 469 with support bracket for the lampholders, chrome-plated iron cover flange with holes and edge 5,4 mm height, and brass male nipple with thread M10 x1 (469MC5) or M8 x1 (469MAC5).
Other cover flange finishings on request.

469FC12 - 469FAC12: case 469 with support bracket for the lampholders, chrome-plated iron cover flange with holes and edge 12 mm height, and brass female nipple with threaded hole M10 x1 (469FC12) or M8 x1 (469FAC12).
Other cover flange finishings on request.

469MC12 - 469MAC12: case 469 with support bracket for the lampholders, chrome-plated iron cover flange with holes and edge 12 mm height, and brass male nipple with thread M10 x1 (469MC12) or M8 x1 (469MAC12).
Other cover flange finishings on request.

ATTENTION: in order to use properly the glass-holder springs, we recommend to carefully evaluate the tolerances of the hole, the glass thickness and the weight of the glass itself.



- Fixing of the adapter by threaded nipples.
- Snap-in fixing to the lampholders.

427

427: conical case, in raw iron, external diameter 29,5 mm, height 19 mm.

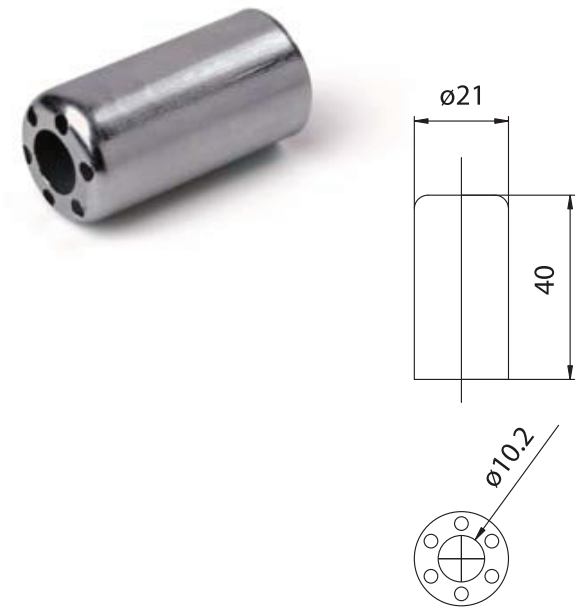
- Weight: 6 g.

431

431: conical case, in raw iron, external diameter 37,2 mm, height 23,5 mm.

- Weight: 10 g.

423-



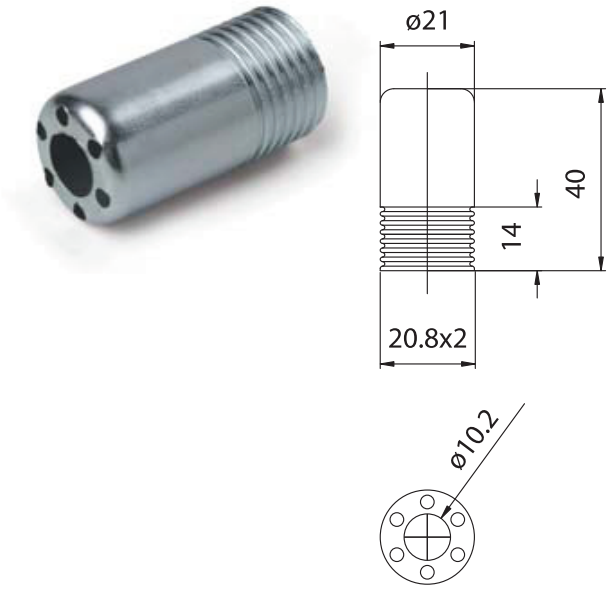
423: case, in white zinc-plated iron, external diameter 21 mm, height 40 mm.

423g: case as above but in raw iron.

423OT: case as above but in raw brass.

- Weight: 6 g.

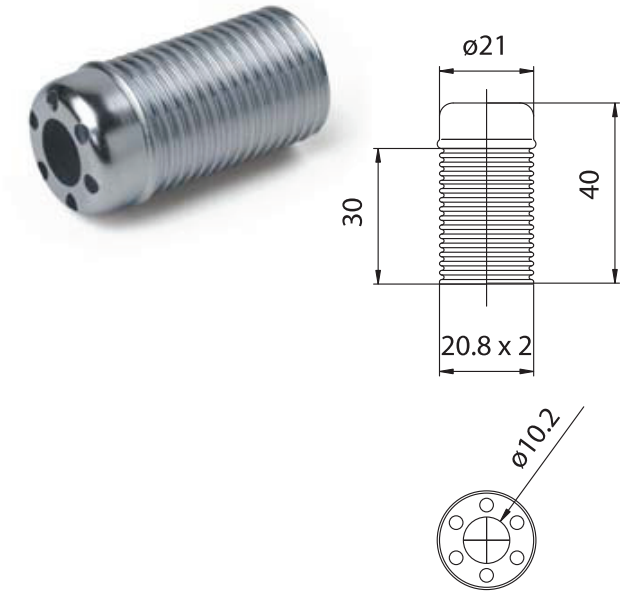
423/14



423/14: case, in white zinc-plated iron, external diameter 21 mm, height 40 mm, with partial round thread 20,8 x2 mm height 14 mm.

- Weight: 6 g.

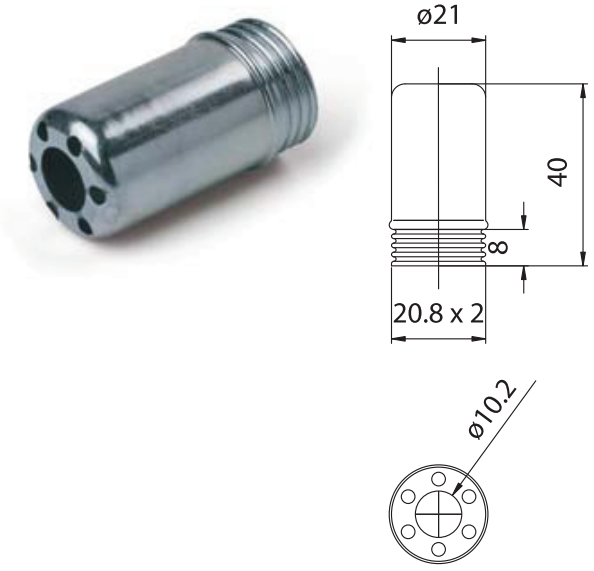
423/30B



423/30B: case, in white zinc-plated iron, external diameter 21 mm, height 40 mm, with partial round thread 20,8 x2 mm height 30 mm with ledge.

- Weight: 6 g.

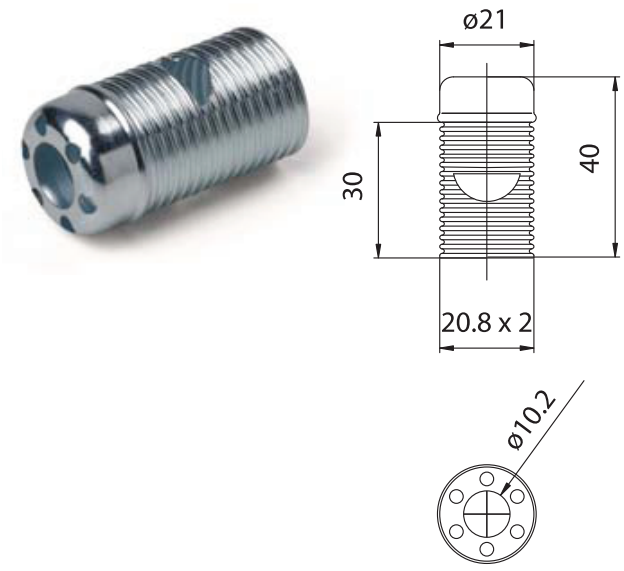
423/8B



423/8B: case, in white zinc-plated iron, external diameter 21 mm, height 40 mm, with partial round thread 20,8 x2 mm height 8 mm, with ledge.

- Weight: 6 g.

423/30BF



423/30BF: case, in white zinc-plated iron, external diameter 21 mm, height 40 mm, with partial round thread 20,8 x2 mm height 30 mm, with ledge and rift.

- Weight: 6 g.

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