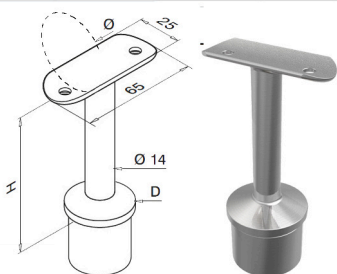


## BALUSTRADE ACCESSORIES



# BALUSTRADE MADE OF STAINLESS STEEL ROUND TUBES satin or polished surface

## Handrail support

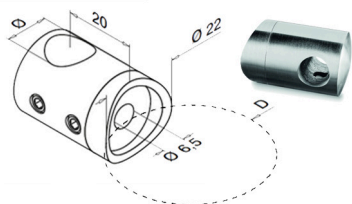


| Item         | Φ*- handrail diameter | D*- post diameter | H - support height | quality  |
|--------------|-----------------------|-------------------|--------------------|----------|
| A03-4242-S   | 42,4                  | 42,4              | 80                 | satin    |
| A03-4242-S+R | 42,4                  | 42,4              | 80                 | satin    |
| A03-4242-P   | 42,4                  | 42,4              | 80                 | polished |
| A03-4242-P+R | 42,4                  | 42,4              | 80                 | polished |

## Filling

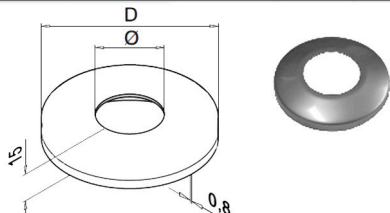
| Item       | Φ*- tube/bar diameter | quality  |
|------------|-----------------------|----------|
| P01-10-S   | 10                    | satin    |
| P01-10-P   | 10                    | polished |
| R01-1215-S | 12                    | satin    |
| R01-1215-P | 12                    | polished |
| R01-1415-S | 14                    | satin    |
| R01-1415-P | 14                    | polished |
| R01-1615-S | 16                    | satin    |
| R01-1615-P | 16                    | polished |

## Throughout holder



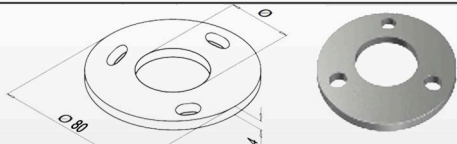
| Item       | Φ*- hole diameter | D*- post diameter | quality  |
|------------|-------------------|-------------------|----------|
| A02-4210-S | 10                | 42,4              | satin    |
| A02-4210-P | 10                | 42,4              | polished |
| A02-4212-S | 12                | 42,4              | satin    |
| A02-4212-P | 12                | 42,4              | polished |
| A02-4214-S | 14                | 42,4              | satin    |
| A02-4214-P | 14                | 42,4              | polished |
| A02-4216-S | 16                | 42,4              | satin    |
| A02-4216-P | 16                | 42,4              | polished |

## Cap plate



| Item      | Φ*- post diameter | D - outside diameter | quality  |
|-----------|-------------------|----------------------|----------|
| A01-42R   | 42,4              | 85                   | raw      |
| A01-42R-P | 42,4              | 85                   | polished |
| A01-42R-S | 42,4              | 85                   | satin    |

## Installation shoe

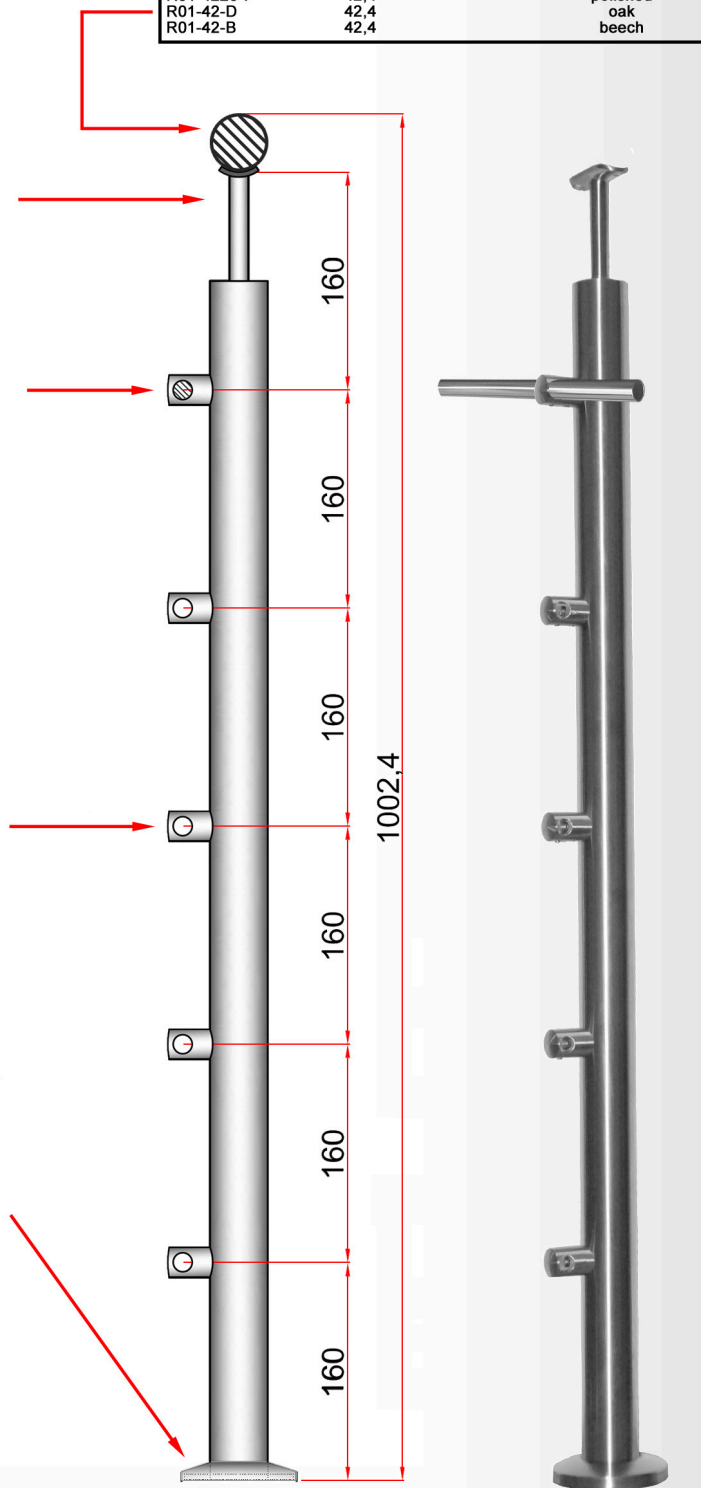


| Item     | Φ*- post diameter | quality |
|----------|-------------------|---------|
| A01-42R4 | 42,4              |         |

\* - outside diameter

## Handrail

| Item       | Φ*- handrail diameter | quality/ grade of wood |
|------------|-----------------------|------------------------|
| R01-4220-S | 42,4                  | satin                  |
| R01-4220-P | 42,4                  | polished               |
| R01-42-D   | 42,4                  | oak                    |
| R01-42-B   | 42,4                  | beech                  |



## Post

| Item           | post diameter | number of spans | (diameter of filling) | quality  |
|----------------|---------------|-----------------|-----------------------|----------|
| WSL-4203-S(16) | 42,4          | 3               | (10,12,14,16)         | satin    |
| WSL-4204-S(16) | 42,4          | 4               | (10,12,14,16)         | satin    |
| WSL-4205-S(16) | 42,4          | 5               | (10,12,14,16)         | satin    |
| WSL-4203-P(16) | 42,4          | 3               | (10,12,14,16)         | polished |
| WSL-4204-P(16) | 42,4          | 4               | (10,12,14,16)         | polished |
| WSL-4205-P(16) | 42,4          | 5               | (10,12,14,16)         | polished |

# BALUSTRADE MADE OF STAINLESS STEEL SQUARE TUBES satin or polished surface

| Handrail support |  |                    |          |
|------------------|--|--------------------|----------|
|                  |  |                    |          |
| Item             |  | H - support height | quality  |
| A03-4000-S       |  | 80                 | satin    |
| A03-4000-S+R     |  | 80                 | satin    |
| A03-4000-P       |  | 80                 | polished |
| A03-4000-P+R     |  | 80                 | polished |

| Filling    |                       |  |          |
|------------|-----------------------|--|----------|
| Item       | Φ - tube/bar diameter |  | quality  |
| P01-10-S   | 10                    |  | satin    |
| P01-10-P   | 10                    |  | polished |
| R01-1215-S | 12                    |  | satin    |
| R01-1215-P | 12                    |  | polished |
| R01-1415-S | 14                    |  | satin    |
| R01-1415-P | 14                    |  | polished |
| R01-1615-S | 16                    |  | satin    |
| R01-1615-P | 16                    |  | polished |

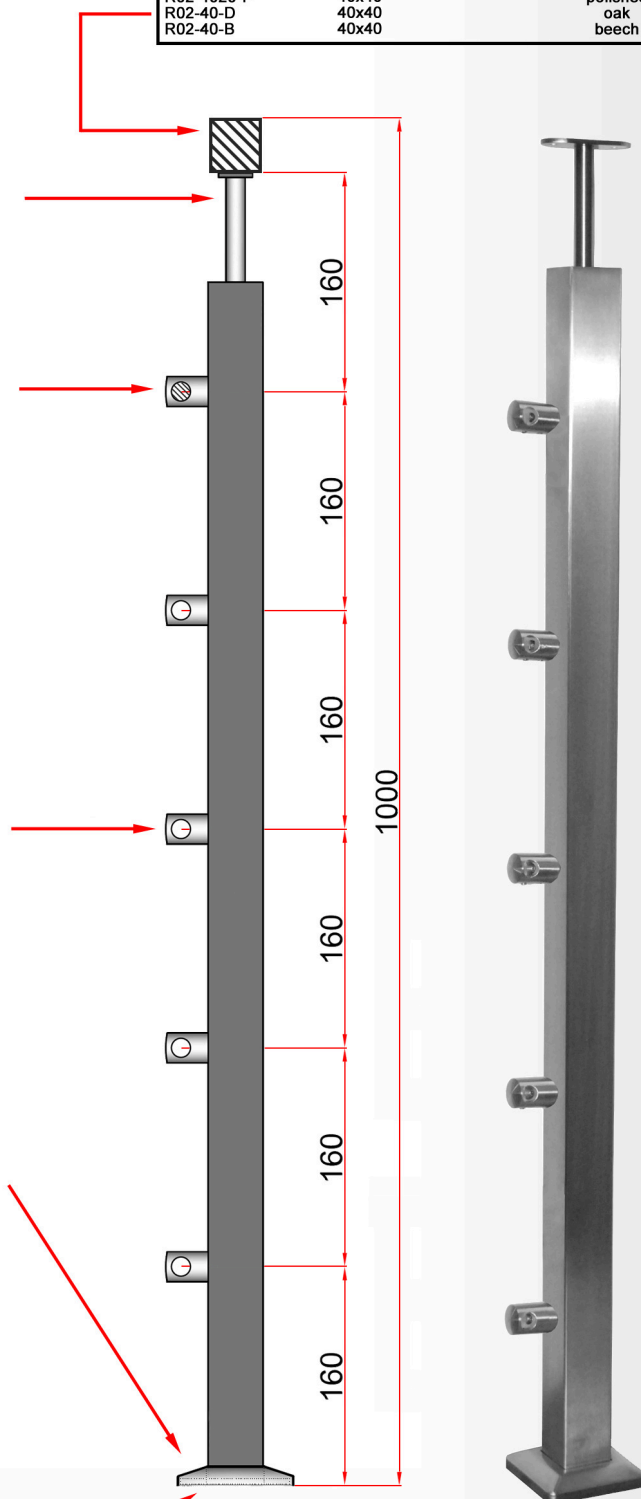
| Throughtout holder |                   |  |          |
|--------------------|-------------------|--|----------|
|                    |                   |  |          |
| Item               | Φ - hole diameter |  | quality  |
| A02-0010-S         | 10                |  | satin    |
| A02-0010-P         | 10                |  | polished |
| A02-0012-S         | 12                |  | satin    |
| A02-0012-P         | 12                |  | polished |
| A02-0014-S         | 14                |  | satin    |
| A02-0014-P         | 14                |  | polished |
| A02-0016-S         | 16                |  | satin    |
| A02-0016-P         | 16                |  | polished |

| Cap plate |  |                       |          |
|-----------|--|-----------------------|----------|
|           |  |                       |          |
| Item      |  | □ - outside dimension | quality  |
| A01-40P   |  | 85                    | raw      |
| A01-40P-P |  | 85                    | polished |
| A01-40P-S |  | 85                    | satin    |

| Installation shoe |                   |                       |  |
|-------------------|-------------------|-----------------------|--|
|                   |                   |                       |  |
|                   | Φ - hole diameter | □ - outside dimension |  |
| A01-40P4          | 9                 | 80                    |  |

\* - outside dimension

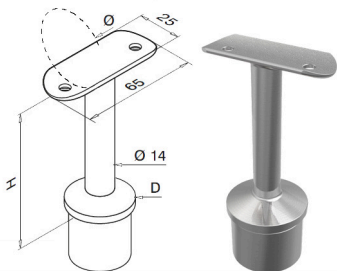
| Handrail   |                    |  |                           |
|------------|--------------------|--|---------------------------|
| Item       | Handrail dimension |  | quality/<br>grade of wood |
| R02-4020-S | 40x40              |  | satin                     |
| R02-4020-P | 40x40              |  | polished                  |
| R02-40-D   | 40x40              |  | oak                       |
| R02-40-B   | 40x40              |  | beech                     |

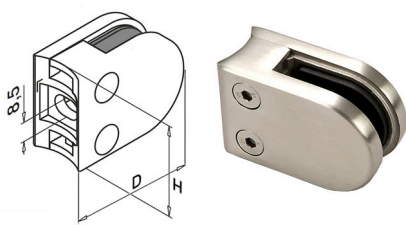


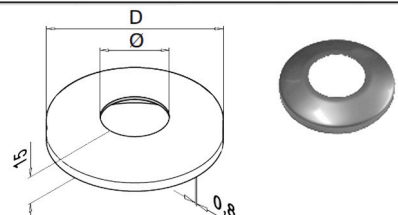
| Post           |                |                 |                       |          |
|----------------|----------------|-----------------|-----------------------|----------|
| Item           | post dimension | number of spans | (diameter of filling) | quality  |
| WSL-4003-S(16) | 40x40          | 3               | (10,12,14,16)         | satin    |
| WSL-4004-S(16) | 40x40          | 4               | (10,12,14,16)         | satin    |
| WSL-4005-S(16) | 40x40          | 5               | (10,12,14,16)         | satin    |
| WSL-4003-P(16) | 40x40          | 3               | (10,12,14,16)         | polished |
| WSL-4004-P(16) | 40x40          | 4               | (10,12,14,16)         | polished |
| WSL-4005-P(16) | 40x40          | 5               | (10,12,14,16)         | polished |

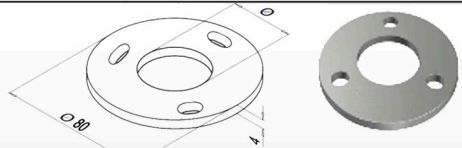
# BALUSTRADE MADE OF STAINLESS STEEL ROUND TUBES

satin or polished surface with glass panels holders

| Handrail support                                                                  |                        |                    |                    |          |
|-----------------------------------------------------------------------------------|------------------------|--------------------|--------------------|----------|
|  |                        |                    |                    |          |
| Item                                                                              | Ø* - handrail diameter | D* - post diameter | H - support height | quality  |
| A03-4242-S                                                                        | 42,4                   | 42,4               | 80                 | satin    |
| A03-4242-S+R                                                                      | 42,4                   | 42,4               | 80                 | satin    |
| A03-4242-P                                                                        | 42,4                   | 42,4               | 80                 | polished |
| A03-4242-P+R                                                                      | 42,4                   | 42,4               | 80                 | polished |

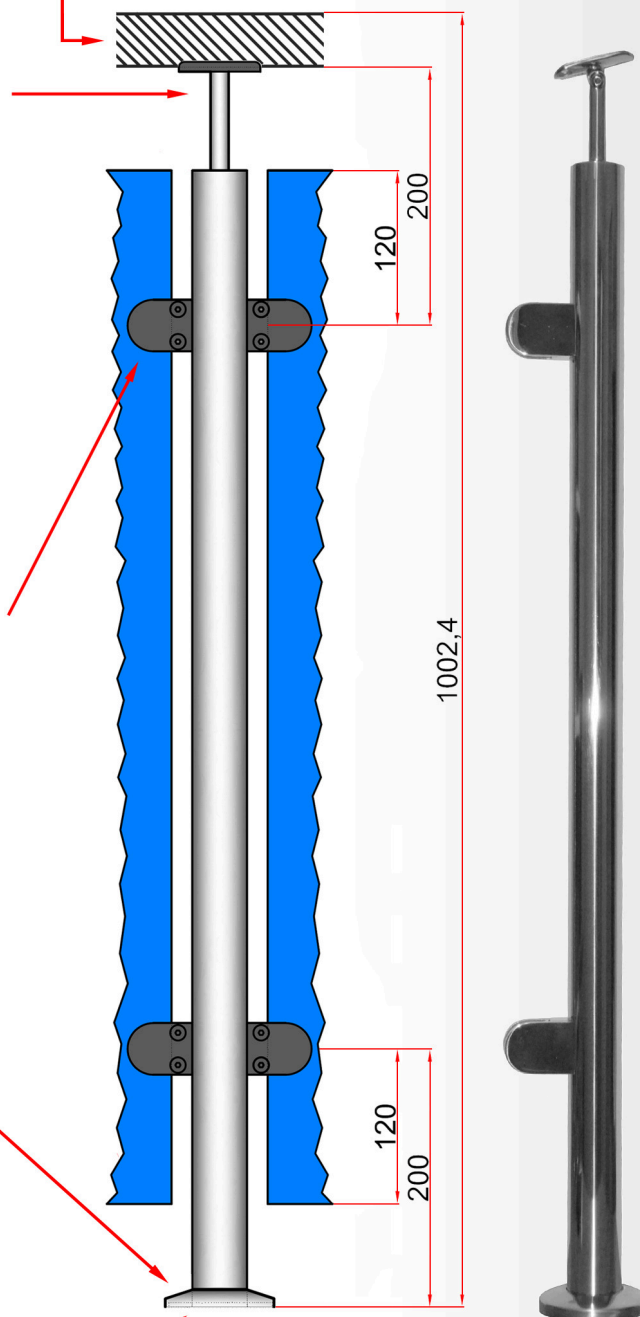
| Holder of glass panels                                                             |                      |                     |  |          |
|------------------------------------------------------------------------------------|----------------------|---------------------|--|----------|
|  |                      |                     |  |          |
| Item                                                                               | D - length of holder | H - width of holder |  | quality  |
| A02-4250-S                                                                         | 50                   | 40                  |  | satin    |
| A02-4250-P                                                                         | 50                   | 40                  |  | polished |
| A02-4263-S                                                                         | 63                   | 45                  |  | satin    |
| A02-4263-P                                                                         | 63                   | 45                  |  | polished |

| Cap plate                                                                           |                    |                      |  |          |
|-------------------------------------------------------------------------------------|--------------------|----------------------|--|----------|
|  |                    |                      |  |          |
| Item                                                                                | Ø* - post diameter | D - outside diameter |  | quality  |
| A01-42R                                                                             | 42,4               | 85                   |  | raw      |
| A01-42R-P                                                                           | 42,4               | 85                   |  | polished |
| A01-42R-S                                                                           | 42,4               | 85                   |  | satin    |

| Installation shoe                                                                   |                    |  |  |  |
|-------------------------------------------------------------------------------------|--------------------|--|--|--|
|  |                    |  |  |  |
| Item                                                                                | Ø* - post diameter |  |  |  |
| A01-42R4                                                                            | 42,4               |  |  |  |

\* - outside diameter

| Handrail   |                        |  |                        |
|------------|------------------------|--|------------------------|
| Item       | Ø* - handrail diameter |  | quality/ grade of wood |
| R01-4220-S | 42,4                   |  | satin                  |
| R01-4220-P | 42,4                   |  | polished               |
| R01-42-D   | 42,4                   |  | oak                    |
| R01-42-B   | 42,4                   |  | beech                  |

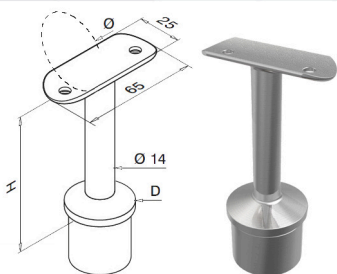


| Post       |               |                |          |
|------------|---------------|----------------|----------|
| Item       | post diameter | type of holder | quality  |
| WSL-4250-S | 42,4          | 50x40          | satin    |
| WSL-4250-P | 42,4          | 50x40          | polished |
| WSL-4263-S | 42,4          | 63x45          | satin    |
| WSL-4263-P | 42,4          | 63x45          | polished |



# BALUSTRADE MADE OF STAINLESS STEEL ROUND TUBES with wood components

## Handrail support

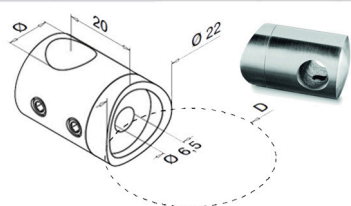


| Item         | Φ*- handrail diameter | D*- post diameter | H - support height | quality  |
|--------------|-----------------------|-------------------|--------------------|----------|
| A03-4242-S   | 42,4                  | 42,4              | 80                 | satin    |
| A03-4242-S+R | 42,4                  | 42,4              | 80                 | satin    |
| A03-4242-P   | 42,4                  | 42,4              | 80                 | polished |
| A03-4242-P+R | 42,4                  | 42,4              | 80                 | polished |

## Filling

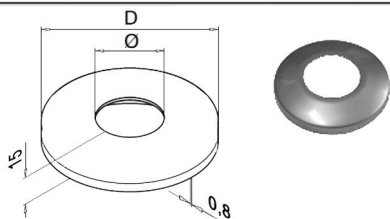
| Item     | Φ*- tube/bar diameter | quality  |
|----------|-----------------------|----------|
| P01-10-S | 10                    | satin    |
| P01-10-P | 10                    | polished |
| R01-12-S | 12                    | satin    |
| R01-12-P | 12                    | polished |
| R01-14-S | 14                    | satin    |
| R01-14-P | 14                    | polished |
| R01-16-S | 16                    | satin    |
| R01-16-P | 16                    | polished |

## Throughout holder



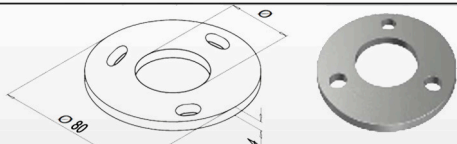
| Item       | Φ*- hole diameter | D*- post diameter | quality  |
|------------|-------------------|-------------------|----------|
| A02-4210-S | 10                | 42,4              | satin    |
| A02-4210-P | 10                | 42,4              | polished |
| A02-4212-S | 12                | 42,4              | satin    |
| A02-4212-P | 12                | 42,4              | polished |
| A02-4214-S | 14                | 42,4              | satin    |
| A02-4214-P | 14                | 42,4              | polished |
| A02-4216-S | 16                | 42,4              | satin    |
| A02-4216-P | 16                | 42,4              | polished |

## Cap plate



| Item      | Φ*- post diameter | D - outside diameter | quality  |
|-----------|-------------------|----------------------|----------|
| A01-42R   | 42,4              | 85                   | raw      |
| A01-42R-P | 42,4              | 85                   | polished |
| A01-42R-S | 42,4              | 85                   | satin    |

## Installation shoe

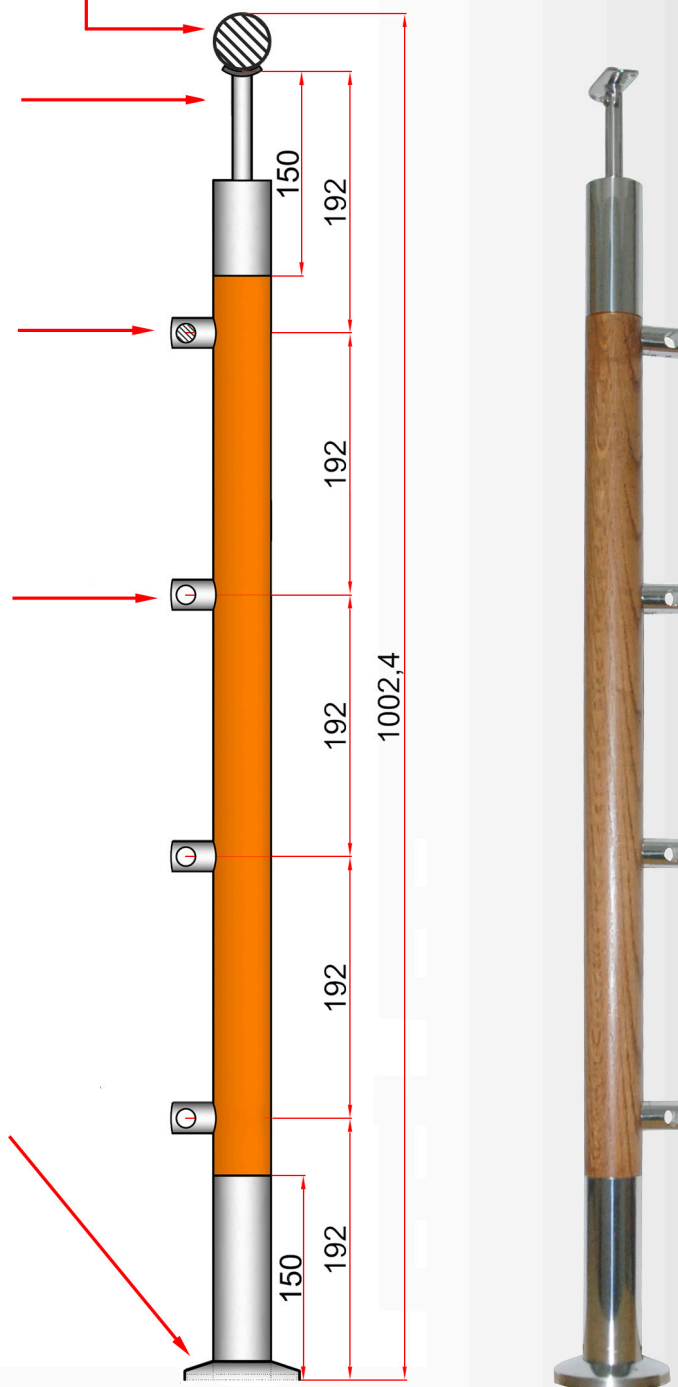


| Item     | Φ*- post diameter |
|----------|-------------------|
| A01-42R4 | 42,4              |

\* - outside diameter

## Handrail

| Item       | Φ*- handrail diameter | quality/grade of wood |
|------------|-----------------------|-----------------------|
| R01-4220-S | 42,4                  | satin                 |
| R01-4220-P | 42,4                  | polished              |
| R01-42-D   | 42,4                  | oak                   |
| R01-42-B   | 42,4                  | beech                 |



## Post

| Item           | post diameter | number of spans | diameter of filling | wood  |
|----------------|---------------|-----------------|---------------------|-------|
| WSL-4203-D(16) | 42,4          | 3               | (10,12,14,16)       | oak   |
| WSL-4204-D(16) | 42,4          | 4               | (10,12,14,16)       | oak   |
| WSL-4205-D(16) | 42,4          | 5               | (10,12,14,16)       | oak   |
| WSL-4203-B(16) | 42,4          | 3               | (10,12,14,16)       | beech |
| WSL-4204-B(16) | 42,4          | 4               | (10,12,14,16)       | beech |
| WSL-4205-B(16) | 42,4          | 5               | (10,12,14,16)       | beech |

## BALUSTRADE MADE OF STAINLESS STEEL SQUARE TUBES with wood components

| Filling    |                       |          |
|------------|-----------------------|----------|
| Item       | Ø"- tube/bar diameter | quality  |
| P01-10-S   | 10                    | satín    |
| P01-10-P   | 10                    | polished |
| R01-1215-S | 12                    | satín    |
| R01-1215-P | 12                    | polished |
| R01-1415-S | 14                    | satín    |
| R01-1415-P | 14                    | polished |
| R01-1615-S | 16                    | satín    |
| R01-1615-P | 16                    | polished |

### Throughout holder

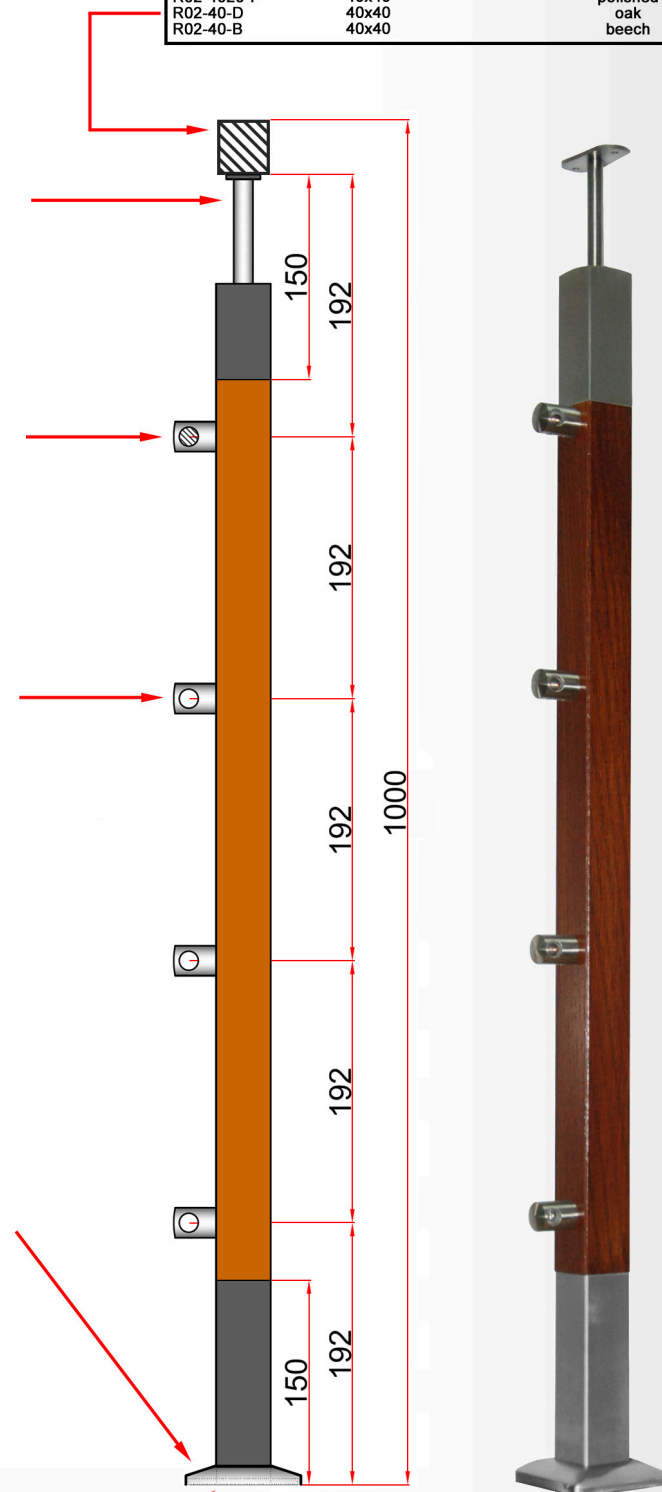
| Item       | Φ - hole diameter |  |  | quality  |
|------------|-------------------|--|--|----------|
| A02-0010-S | 10                |  |  | satín    |
| A02-0010-P | 10                |  |  | polished |
| A02-0012-S | 12                |  |  | satín    |
| A02-0012-P | 12                |  |  | polished |
| A02-0014-S | 14                |  |  | satín    |
| A02-0014-P | 14                |  |  | polished |
| A02-0016-S | 16                |  |  | satín    |
| A02-0016-P | 16                |  |  | polished |

### Installation shoe

|          | $\Phi$ - hole diameter | $\square$ - outside dimension |  |
|----------|------------------------|-------------------------------|--|
| A01-40P4 | 9                      | 80                            |  |

\* - outside dimension

| Handrail   |                    |  |                           |
|------------|--------------------|--|---------------------------|
| Item       | handrail dimension |  | quality/<br>grade of wood |
| R02-4020-S | 40x40              |  | satin                     |
| R02-4020-P | 40x40              |  | polished                  |
| R02-40-D   | 40x40              |  | oak                       |
| R02-40-B   | 40x40              |  | beech                     |

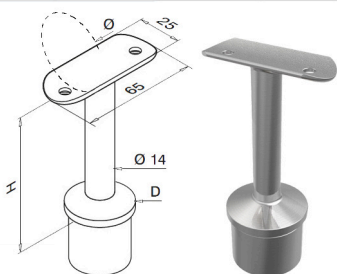


| Post           |                |                 |                     |       |
|----------------|----------------|-----------------|---------------------|-------|
| Item           | post dimension | number of spans | diameter of filling | wood  |
| WSL-4003-D(16) | 40x40          | 3               | (10,12,14,16)       | oak   |
| WSL-4004-D(16) | 40x40          | 4               | (10,12,14,16)       | oak   |
| WSL-4005-D(16) | 40x40          | 5               | (10,12,14,16)       | oak   |
| WSL-4003-B(16) | 40x40          | 3               | (10,12,14,16)       | beech |
| WSL-4004-B(16) | 40x40          | 4               | (10,12,14,16)       | beech |
| WSL-4005-B(16) | 40x40          | 5               | (10,12,14,16)       | beech |

# BALUSTRADE MADE OF STAINLESS STEEL ROUND TUBES

satin or polished surface with side fixtures

## Handrail support

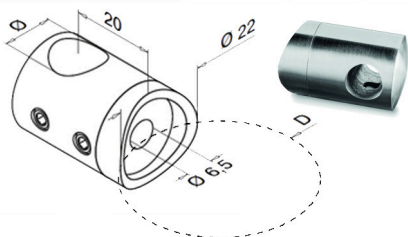


| Item         | Φ*- handrail diameter | D*- post diameter | H - support height | quality  |
|--------------|-----------------------|-------------------|--------------------|----------|
| A03-4242-S   | 42,4                  | 42,4              | 80                 | satin    |
| A03-4242-S+R | 42,4                  | 42,4              | 80                 | satin    |
| A03-4242-P   | 42,4                  | 42,4              | 80                 | polished |
| A03-4242-P+R | 42,4                  | 42,4              | 80                 | polished |

## Filling

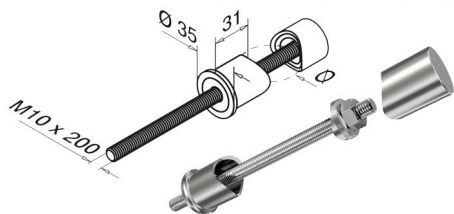
| Item       | Φ*- tube/bar diameter | quality  |
|------------|-----------------------|----------|
| P01-10-S   | 10                    | satin    |
| P01-10-P   | 10                    | polished |
| R01-1215-S | 12                    | satin    |
| R01-1215-P | 12                    | polished |
| R01-1415-S | 14                    | satin    |
| R01-1415-P | 14                    | polished |
| R01-1615-S | 16                    | satin    |
| R01-1615-P | 16                    | polished |

## Throughout holder



| Item       | Φ*- hole diameter | D*- post diameter | quality  |
|------------|-------------------|-------------------|----------|
| A02-4210-S | 10                | 42,4              | satin    |
| A02-4210-P | 10                | 42,4              | polished |
| A02-4212-S | 12                | 42,4              | satin    |
| A02-4212-P | 12                | 42,4              | polished |
| A02-4214-S | 14                | 42,4              | satin    |
| A02-4214-P | 14                | 42,4              | polished |
| A02-4216-S | 16                | 42,4              | satin    |
| A02-4216-P | 16                | 42,4              | polished |

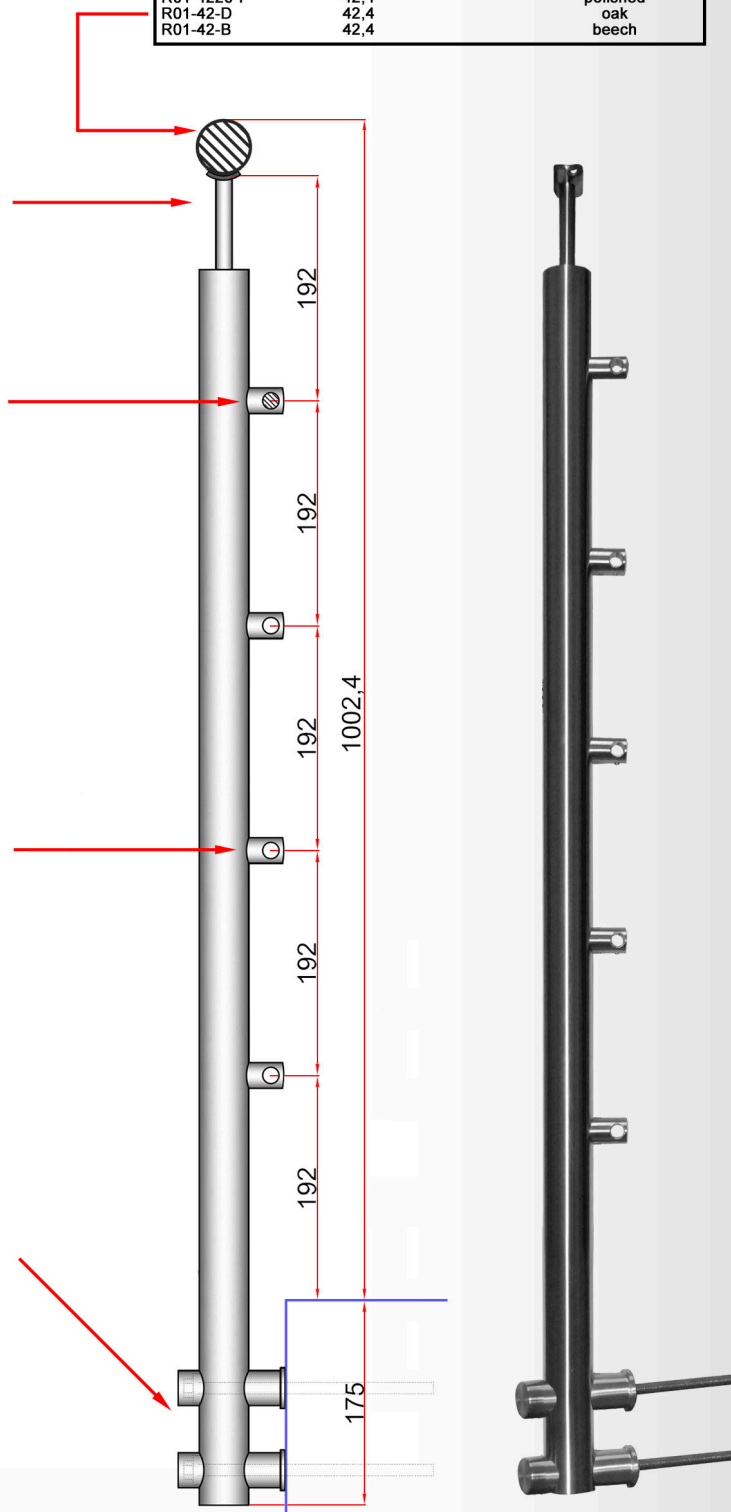
## Side fixtures



| Item     | Φ*- post diameter | quality  |
|----------|-------------------|----------|
| A06-42-S | 42,4              | satin    |
| A06-42-P | 42,4              | polished |

## Handrail

| Item       | Φ*- handrail diameter | quality/ grade of wood |
|------------|-----------------------|------------------------|
| R01-4220-S | 42,4                  | satin                  |
| R01-4220-P | 42,4                  | polished               |
| R01-42-D   | 42,4                  | oak                    |
| R01-42-B   | 42,4                  | beech                  |

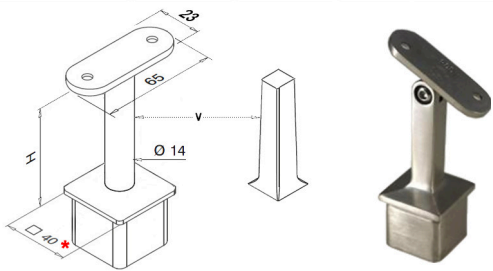


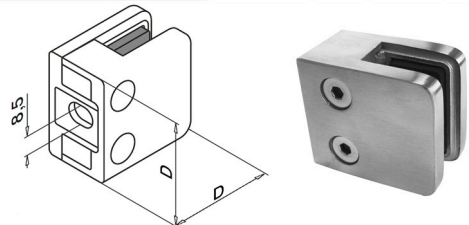
## Post

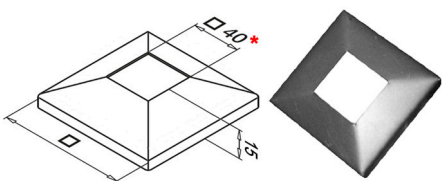
| Item            | post diameter | number of spans | filling diameter | quality  |
|-----------------|---------------|-----------------|------------------|----------|
| WSL-4203b-S(16) | 42,4          | 3               | (10,12,14,16)    | satin    |
| WSL-4204b-S(16) | 42,4          | 4               | (10,12,14,16)    | satin    |
| WSL-4205b-S(16) | 42,4          | 5               | (10,12,14,16)    | satin    |
| WSL-4203b-P(16) | 42,4          | 3               | (10,12,14,16)    | polished |
| WSL-4204b-P(16) | 42,4          | 4               | (10,12,14,16)    | polished |
| WSL-4205b-P(16) | 42,4          | 5               | (10,12,14,16)    | polished |

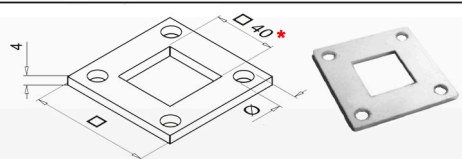
# BALUSTRADE MADE OF STAINLESS STEEL SQUARE TUBES

satin or polished surface with glass holders

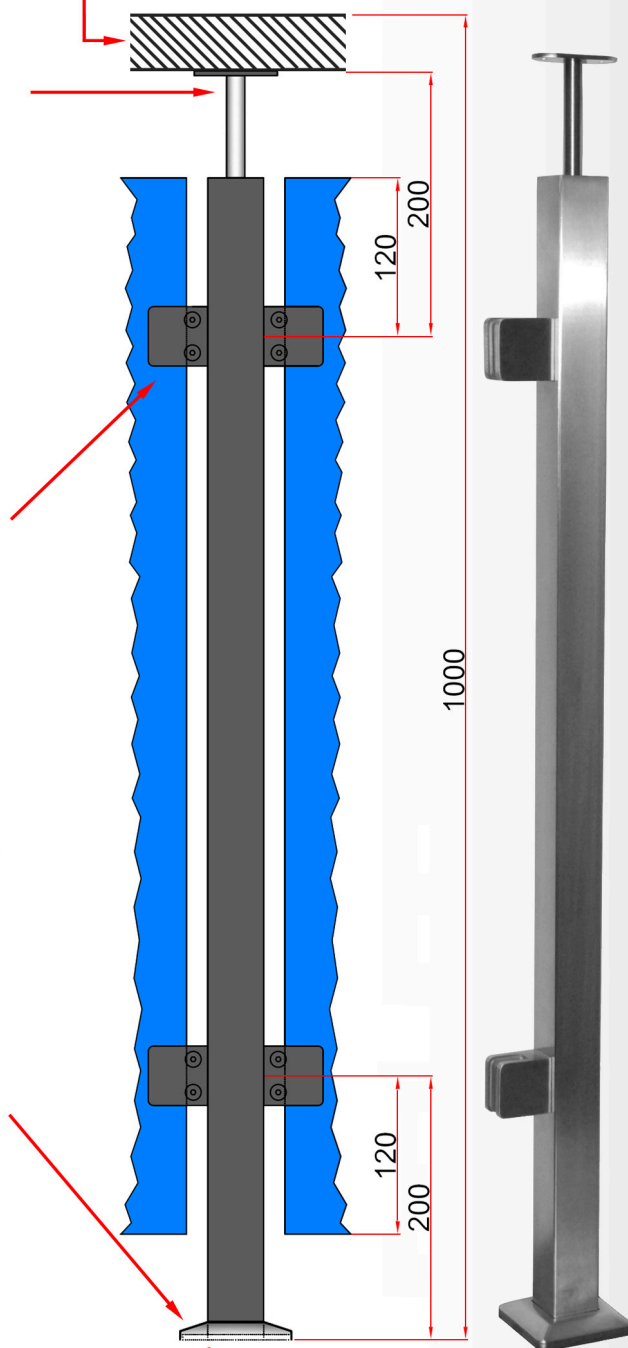
| Handrail support                                                                  |  |  |                    |          |
|-----------------------------------------------------------------------------------|--|--|--------------------|----------|
|  |  |  |                    |          |
| Item                                                                              |  |  | H - support height | quality  |
| A03-4000-S                                                                        |  |  | 80                 | satin    |
| A03-4000-S+R                                                                      |  |  | 80                 | satin    |
| A03-4000-P                                                                        |  |  | 80                 | polished |
| A03-4000-P+R                                                                      |  |  | 80                 | polished |

| Holder of glass panels                                                             |                      |  |  |          |
|------------------------------------------------------------------------------------|----------------------|--|--|----------|
|  |                      |  |  |          |
| Item                                                                               | D - holder dimension |  |  | quality  |
| A02-0045-S                                                                         | 45                   |  |  | satin    |
| A02-0045-P                                                                         | 45                   |  |  | polished |
| A02-0052-S                                                                         | 52                   |  |  | satin    |
| A02-0052-P                                                                         | 52                   |  |  | polished |
| A02-0055-S                                                                         | 55                   |  |  | satin    |
| A02-0055-P                                                                         | 55                   |  |  | polished |

| Cap plate                                                                           |  |                       |  |          |
|-------------------------------------------------------------------------------------|--|-----------------------|--|----------|
|  |  |                       |  |          |
| Item                                                                                |  | □ - outside dimension |  | quality  |
| A01-40P                                                                             |  | 85                    |  | raw      |
| A01-40P-P                                                                           |  | 85                    |  | polished |
| A01-40P-S                                                                           |  | 85                    |  | satin    |

| Installation shoe                                                                   |                   |                       |  |  |
|-------------------------------------------------------------------------------------|-------------------|-----------------------|--|--|
|  |                   |                       |  |  |
|                                                                                     | Φ - hole diameter | □ - outside dimension |  |  |
| A01-40P4                                                                            | 9                 | 80                    |  |  |

| Handrail   |                    |  |                       |
|------------|--------------------|--|-----------------------|
| Item       | handrail dimension |  | quality/grade of wood |
| R02-4020-S | 40x40              |  | satin                 |
| R02-4020-P | 40x40              |  | polished              |
| R02-40-D   | 40x40              |  | oak                   |
| R02-40-B   | 40x40              |  | beech                 |



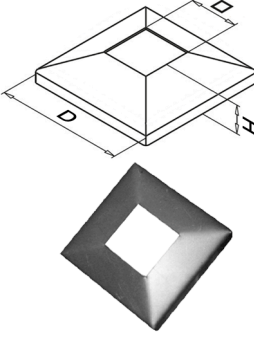
| Post       |                |                |          |
|------------|----------------|----------------|----------|
| Item       | Post dimension | type of holder | quality  |
| WSL-4045-S | 40x40          | 45x45          | satin    |
| WSL-4045-P | 40x40          | 45x45          | polished |
| WSL-4052-S | 40x40          | 52x52          | satin    |
| WSL-4052-P | 40x40          | 52x52          | polished |
| WSL-4055-S | 40x40          | 55x55          | satin    |
| WSL-4055-P | 40x40          | 55x55          | polished |

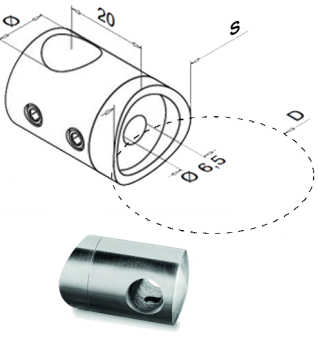


| Installation shoe - round tubes |                   |                      |               |                    |
|---------------------------------|-------------------|----------------------|---------------|--------------------|
| Item                            | Φ - post diameter | D - outside diameter | H - thickness | additional details |
| A01-33R3K                       | 33,7              | 80                   | 3             | set                |
| A01-40R3                        | 40                | 80                   | 3             |                    |
| A01-40R3K                       | 40                | 80                   | 3             | set                |
| A01-40R4K                       | 40                | 80                   | 4             | set                |
| A01-40R6                        | 40                | 80                   | 6             |                    |
| A01-40R6K                       | 40                | 80                   | 6             | set                |
| A01-42R3                        | 42,4              | 80                   | 3             |                    |
| A01-42R3K                       | 42,4              | 80                   | 3             | set                |
| A01-42R4                        | 42,4              | 80                   | 4             |                    |
| A01-42R4K                       | 42,4              | 80                   | 4             | set                |
| A01-42R6                        | 42,4              | 80                   | 6             |                    |
| A01-42R6K                       | 42,4              | 80                   | 6             | set                |
| A01-50R3                        | 50,8              | 90                   | 3             |                    |
| A01-50R3K                       | 50,8              | 90                   | 3             | set                |
| A01-50R4                        | 50,8              | 90                   | 4             |                    |
| A01-50R4K                       | 50,8              | 90                   | 4             | set                |
|                                 |                   |                      |               |                    |
|                                 |                   |                      |               |                    |
|                                 |                   |                      |               |                    |

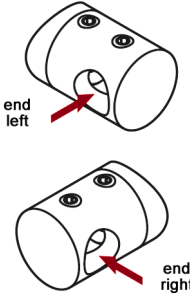
| Installation shoe - square tubes |                    |                       |               |                   |
|----------------------------------|--------------------|-----------------------|---------------|-------------------|
| Item                             | □ - post dimension | D - outside dimension | H - thickness | additional detail |
| A01-30P3                         | 30x30              | 80                    | 3             |                   |
| A01-30P3K                        | 30x30              | 80                    | 3             | set               |
| A01-40P3                         | 40x40              | 80                    | 3             |                   |
| A01-40P3K                        | 40x40              | 80                    | 3             | set               |
| A01-40P4                         | 40x40              | 80                    | 4             |                   |
| A01-40P4K                        | 40x40              | 80                    | 4             | set               |
| A01-50P3                         | 50x50              | 90                    | 3             |                   |
| A01-50P3K                        | 50x50              | 90                    | 3             | set               |
| A01-50P4                         | 50x50              | 90                    | 4             |                   |
| A01-50P4K                        | 50x50              | 90                    | 4             | set               |
|                                  |                    |                       |               |                   |
|                                  |                    |                       |               |                   |
|                                  |                    |                       |               |                   |
|                                  |                    |                       |               |                   |

| Cap plate - round tubes |                   |                       |            |          |  |
|-------------------------|-------------------|-----------------------|------------|----------|--|
| Item                    | Φ - hole diameter | D - outside dimension | H - height | quality  |  |
| A01-10R                 | 10                | 58                    | 11         | raw      |  |
| A01-10R-P               | 10                | 58                    | 11         | polished |  |
| A01-10R-S               | 10                | 58                    | 11         | satin    |  |
| A01-12R                 | 12                | 58                    | 11         | raw      |  |
| A01-12R-P               | 12                | 58                    | 11         | polished |  |
| A01-12R-S               | 12                | 58                    | 11         | satin    |  |
| A01-14R                 | 14                | 58                    | 11         | raw      |  |
| A01-14R-P               | 14                | 58                    | 11         | polished |  |
| A01-14R-S               | 14                | 58                    | 11         | satin    |  |
| A01-16R                 | 16                | 58                    | 11         | raw      |  |
| A01-16R-P               | 16                | 58                    | 11         | polished |  |
| A01-16R-S               | 16                | 58                    | 11         | satin    |  |
| A01-20R                 | 20                | 58                    | 11         | raw      |  |
| A01-20R-P               | 20                | 58                    | 11         | polished |  |
| A01-20R-S               | 20                | 58                    | 11         | satin    |  |
| A01-25R                 | 25                | 58                    | 11         | raw      |  |
| A01-25R-P               | 25                | 58                    | 11         | polished |  |
| A01-25R-S               | 25                | 58                    | 11         | satin    |  |
| A01-33R                 | 33,7              | 85                    | 15         | raw      |  |
| A01-33R-P               | 33,7              | 85                    | 15         | polished |  |
| A01-33R-S               | 33,7              | 85                    | 15         | satin    |  |
| A01-40R                 | 40                | 85                    | 15         | raw      |  |
| A01-40R-P               | 40                | 85                    | 15         | polished |  |
| A01-40R-S               | 40                | 85                    | 15         | satin    |  |
| A01-42R                 | 42,4              | 85                    | 15         | raw      |  |
| A01-42R-P               | 42,4              | 85                    | 15         | polished |  |
| A01-42R-S               | 42,4              | 85                    | 15         | satin    |  |
| A01-48R                 | 48,3              | 95                    | 15         | raw      |  |
| A01-48R-P               | 48,3              | 95                    | 15         | polished |  |
| A01-48R-S               | 48,3              | 95                    | 15         | satin    |  |
| A01-50R                 | 50,8              | 95                    | 15         | raw      |  |
| A01-50R-P               | 50,8              | 95                    | 15         | polished |  |
| A01-50R-S               | 50,8              | 95                    | 15         | satin    |  |
| A01-60R                 | 60,3              | 95                    | 15         | raw      |  |
| A01-60R-P               | 60,3              | 95                    | 15         | polished |  |
| A01-60R-S               | 60,3              | 95                    | 15         | satin    |  |

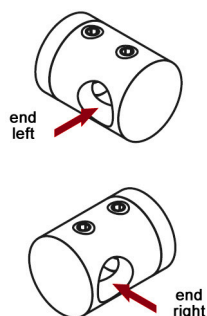
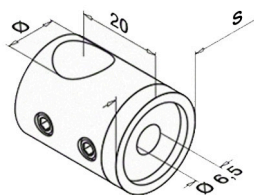
| Cap plate - square tubes                                                          |           |                    |                       |            |          |
|-----------------------------------------------------------------------------------|-----------|--------------------|-----------------------|------------|----------|
|  | Item      | □ - post dimension | D - outside dimension | H - height | quality  |
|                                                                                   | A01-30P   | 30x30              | 85                    | 15         | raw      |
|                                                                                   | A01-30P-P | 30x30              | 85                    | 15         | polished |
|                                                                                   | A01-30P-S | 30x30              | 85                    | 15         | satin    |
|                                                                                   | A01-40P   | 40x40              | 85                    | 15         | raw      |
|                                                                                   | A01-40P-P | 40x40              | 85                    | 15         | polished |
|                                                                                   | A01-40P-S | 40x40              | 85                    | 15         | satin    |
|                                                                                   | A01-50P   | 50x50              | 95                    | 15         | raw      |
|                                                                                   | A01-50P-P | 50x50              | 95                    | 15         | polished |
|                                                                                   | A01-50P-S | 50x50              | 95                    | 15         | satin    |
|                                                                                   |           |                    |                       |            |          |
|                                                                                   |           |                    |                       |            |          |

| Throughout holder - round tube                                                     |              |                   |                   |                     |                    |          |
|------------------------------------------------------------------------------------|--------------|-------------------|-------------------|---------------------|--------------------|----------|
|  | Item         | Φ - hole diameter | D - post diameter | S - holder diameter | additional details | quality  |
|                                                                                    | A02-4210-P   | 10                | 42,4              | 22                  |                    | polished |
|                                                                                    | A02-4210-S   | 10                | 42,4              | 22                  |                    | satin    |
|                                                                                    | A02-4212-P   | 12                | 42,4              | 22                  |                    | polished |
|                                                                                    | A02-4212-S   | 12                | 42,4              | 22                  |                    | satin    |
|                                                                                    | A02-4212-L-P | 12                | 42,4              | 22                  | end - left         | polished |
|                                                                                    | A02-4212-L-S | 12                | 42,4              | 22                  | end - left         | satin    |
|                                                                                    | A02-4212-P-P | 12                | 42,4              | 22                  | end - right        | polished |
|                                                                                    | A02-4212-P-S | 12                | 42,4              | 22                  | end - right        | satin    |
|                                                                                    | A02-4216-S   | 16                | 42,4              | 22                  |                    | satin    |
|                                                                                    | A02-4816-S   | 16                | 48,3              | 25                  |                    | satin    |
|                                                                                    |              |                   |                   |                     |                    |          |

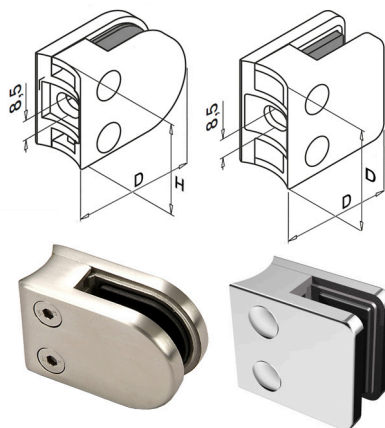
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### Thoughtout holder - square tubes



| Item         | Φ - hole diameter | S - holder diameter | additional details | quality  |
|--------------|-------------------|---------------------|--------------------|----------|
| A02-0010-S   | 10                | 22                  |                    | satín    |
| A02-0012-S   | 12                | 22                  |                    | satín    |
| A02-0012-L-P | 12                | 22                  | end - left         | polished |
| A02-0012-L-S | 12                | 22                  | end - left         | satín    |
| A02-0012-P-P | 12                | 22                  | end - right        | polished |
| A02-0012-P-S | 12                | 22                  | end - right        | satín    |
| A02-0016-S   | 16                | 25                  |                    | satín    |

**Holder of glass panels - for round posts**



| Item          | post diameter | H - holder length | D - holder width | quality  |
|---------------|---------------|-------------------|------------------|----------|
| A02-4245-P    | 42,4          |                   | 45               | polished |
| A02-4245-S    | 42,4          |                   | 45               | satin    |
| A02-4250-P    | 42,4          | 50                | 40               | polished |
| A02-4250-S    | 42,4          | 50                | 40               | satin    |
| A02-4263-P    | 42,4          | 63                | 45               | polished |
| A02-4263-S    | 42,4          | 63                | 45               | satin    |
| A02-4245-VW-S | 42,4          |                   | 45               | satin    |
| A02-4252-VW-S | 42,4          |                   | 52               | satin    |

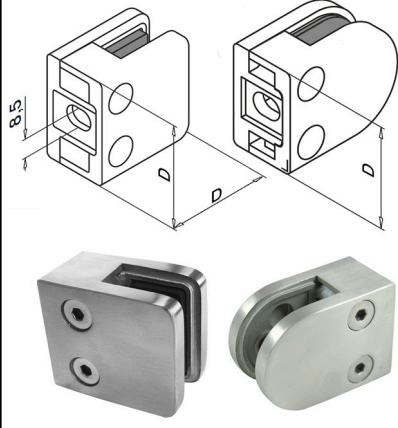
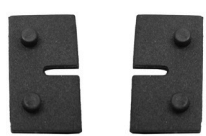
\* - Holder with support

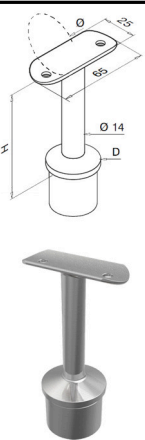


### Rubbers for holders of glass panels

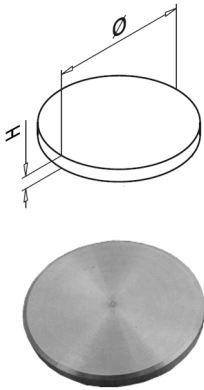


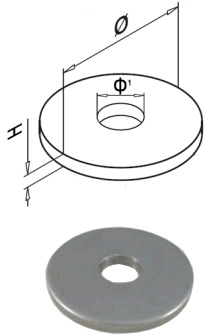
| Item      | thickness of glass | holder size |  |  |
|-----------|--------------------|-------------|--|--|
| A02-50-6  | 6                  | 50x40       |  |  |
| A02-50-8  | 8                  | 50x40       |  |  |
| A02-50-9  | 8,76               | 50x40       |  |  |
| A02-50-10 | 10                 | 50x40       |  |  |
| A02-63-8  | 8                  | 63x45       |  |  |
| A02-63-9  | 8,76               | 63x45       |  |  |
| A02-63-10 | 10                 | 63x45       |  |  |
| A02-63-11 | 10,76              | 63x45       |  |  |

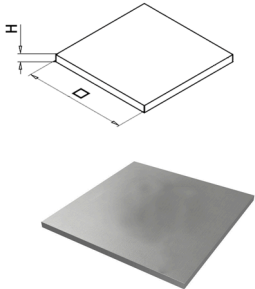
| Holder of glass panels - for square posts                                                                |               |                 |                  |                      |          |
|----------------------------------------------------------------------------------------------------------|---------------|-----------------|------------------|----------------------|----------|
|                         | Item          |                 | shape            | D - holder dimension | quality  |
|                                                                                                          | A02-0045-S    |                 | square           | 45x45                | polished |
|                                                                                                          | A02-0050-P    |                 | rounded          | 50x40                | polished |
|                                                                                                          | A02-0050-S    |                 | rounded          | 50x40                | polished |
|                                                                                                          | A02-0063-S    |                 | rounded          | 63x45                | polished |
|                                                                                                          | A02-0045-W-S* |                 | square           | 45x45                | polished |
|                                                                                                          | A02-0052-W-S* |                 | square           | 52x52                | polished |
| *- Holder with support  |               |                 |                  |                      |          |
| Rubbers for holder of glass panels                                                                       |               |                 |                  |                      |          |
|                         | Item          | glass thickness | holder dimension |                      |          |
|                                                                                                          | A02-45-6      | 6               | 45x45            |                      |          |
|                                                                                                          | A02-45-7      | 6,76            | 45x45            |                      |          |
|                                                                                                          | A02-45-8      | 8               | 45x45            |                      |          |
|                                                                                                          | A02-45-9      | 8,76            | 45x45            |                      |          |
|                                                                                                          | A02-45-10     | 10              | 45x45            |                      |          |
|                                                                                                          | A02-52-10     | 10              | 52x52            |                      |          |
|                                                                                                          | A02-52-11     | 10,76           | 52x52            |                      |          |
|                                                                                                          | A02-52-12     | 12              | 52x52            |                      |          |
|                                                                                                          | A02-52-13     | 12,76           | 52x52            |                      |          |

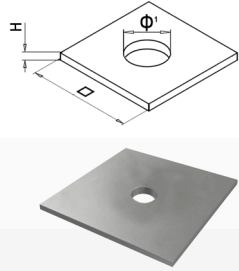
| Handrail support - round posts                                                      |              |                       |                   |                    |                    |          |
|-------------------------------------------------------------------------------------|--------------|-----------------------|-------------------|--------------------|--------------------|----------|
|  | Item         | Φ - handrail diameter | D - post diameter | H - support height | additional details | quality  |
|                                                                                     | A03-4242-P   | 42,4                  | 42,4              | 80                 |                    | polished |
|                                                                                     | A03-4242-S   | 42,4                  | 42,4              | 80                 |                    | polished |
|                                                                                     | A03-4242-P+R | 42,4                  | 42,4              | 80                 | adjustable         | polished |
|                                                                                     | A03-4242-S+R | 42,4                  | 42,4              | 80                 | adjustable         | polished |
|                                                                                     | A03-4242-P+N | 42,4                  | 42,4              | 80                 | corner             | polished |
|                                                                                     | A03-4242-S+N | 42,4                  | 42,4              | 80                 | corner             | polished |
|                                                                                     |              |                       |                   |                    |                    |          |
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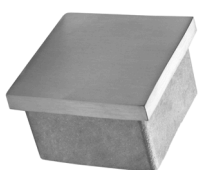
| Blind plug - round tube                                                           |               |                   |               |                    |
|-----------------------------------------------------------------------------------|---------------|-------------------|---------------|--------------------|
|  | Item          | Φ - plug diameter | H - thickness | additional details |
|                                                                                   | A04-1608-00-R | 16                | 0,8           | slightly convex    |
|                                                                                   | A04-1815-00-R | 18                | 1,5           |                    |
|                                                                                   | A04-4008-00-R | 40                | 0,8           | slightly convex    |
|                                                                                   | A04-4030-00-R | 40                | 3             |                    |
|                                                                                   | A04-4208-00-R | 42,4              | 0,8           | slightly convex    |
|                                                                                   | A04-4240-00-R | 42,4              | 4             |                    |
|                                                                                   | A04-5108-00-R | 50,8              | 0,8           | slightly convex    |
|                                                                                   | A04-5130-00-R | 50,8              | 3             |                    |
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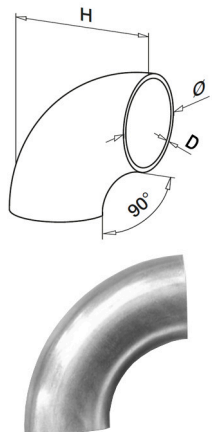
| Plug with a hole - round tube                                                      |               |                   |               |                    |
|------------------------------------------------------------------------------------|---------------|-------------------|---------------|--------------------|
|  | Item          | Φ - plug diameter | H - thickness | Φ' - hole diameter |
|                                                                                    | A04-4008-10-R | 40                | 0,8           | 10                 |
|                                                                                    | A04-4008-12-R | 40                | 0,8           | 12                 |
|                                                                                    | A04-4030-12-R | 40                | 3             | 12                 |
|                                                                                    | A04-4040-12-R | 40                | 4             | 12                 |
|                                                                                    | A04-4230-12-R | 42                | 3             | 12                 |
|                                                                                    | A04-4240-12-R | 42                | 4             | 12                 |
|                                                                                    | A04-5130-12-R | 50,8              | 3             | 12                 |
|                                                                                    | A04-5140-12-R | 50,8              | 4             | 12                 |
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| Blind plug - square tube                                                            |               |                    |               |  |
|-------------------------------------------------------------------------------------|---------------|--------------------|---------------|--|
|  | Item          | □ - plug dimension | H - thickness |  |
|                                                                                     | A04-4008-00-P | 40x40              | 0,8           |  |
|                                                                                     | A04-4030-00-P | 40x40              | 3             |  |
|                                                                                     | A04-4040-00-P | 40x40              | 4             |  |
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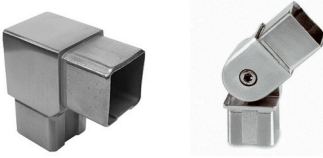
| Plug with a hole - square tube                                                      |               |                    |               |                    |
|-------------------------------------------------------------------------------------|---------------|--------------------|---------------|--------------------|
|  | Item          | □ - plug dimension | H - thickness | Φ' - hole diameter |
|                                                                                     | A04-4008-12-P | 40x40              | 0,8           | 12                 |
|                                                                                     | A04-4030-12-P | 40x40              | 3             | 12                 |
|                                                                                     | A04-4040-12-P | 40x40              | 4             | 12                 |
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| Blind plug for gluing - round tube                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |               |               |       |                    |          |
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| <br>roller<br><br><br>flat<br><br><br>throughout plug<br><br><br>ball<br><br><br>convex |      | Item          | tube diameter |       | additional details | quality  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      | A04-10WP-S    | 10            |       | throughout plug    | satın    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      | A04-10WP-P    | 10            |       | throughout plug    | polished |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      | A04-12WP-S    | 12            |       | throughout plug    | satın    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      | A04-12WA-S    | 12            |       | roller             | satın    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      | A04-16WA-S    | 16            |       | roller             | satın    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      | A04-16WW-S    | 16            |       | ball               | satın    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      | A04-18W0-S    | 18            |       | flat               | satın    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      | A04-42W0-00-S | 42,4          |       | flat               | satın    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      | A04-42WL-00-S | 42,4          |       | slightly convex    | satın    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      | A04-42WW-00-S | 42,4          |       | convex             | satın    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      | A04-48W0-00-S | 48,3          |       | flat               | satın    |
| A04-48WW-00-S                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 48,3 |               | convex        | satın |                    |          |
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| Blind plug for gluing - square tube                                                 |  |               |                |         |
|-------------------------------------------------------------------------------------|--|---------------|----------------|---------|
|                                                                                     |  | Item          | tube dimension | quality |
|  |  | A04-40V0-00-S | 40x40          | satın   |
|                                                                                     |  |               |                |         |
|                                                                                     |  |               |                |         |
|                                                                                     |  |               |                |         |
|                                                                                     |  |               |                |         |
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| Round elbow                                                                       |          |                   |               |  |
|-----------------------------------------------------------------------------------|----------|-------------------|---------------|--|
|  | Item     | Ø - tube diameter | D - thickness |  |
|                                                                                   | A05-1615 | 16                | 1,5           |  |
|                                                                                   | A05-3320 | 33,7              | 2             |  |
|                                                                                   | A05-4015 | 40                | 1,5           |  |
|                                                                                   | A05-4220 | 42,4              | 2             |  |
|                                                                                   | A05-5115 | 50,8              | 1,5           |  |
|                                                                                   | A05-5120 | 50,8              | 2             |  |
|                                                                                   | A05-6020 | 60,3              | 2             |  |
|                                                                                   |          |                   |               |  |
|                                                                                   |          |                   |               |  |

| Round elbow for gluing                                                             |            |               |                    |          |
|------------------------------------------------------------------------------------|------------|---------------|--------------------|----------|
|  | Item       | tube diameter | additional details | quality  |
|                                                                                    | A05-12Wb-S | 12            | outside joint      | satin    |
|                                                                                    | A05-12Wc-S | 12            | cambered           | satin    |
|                                                                                    | A05-16Wa-S | 16            | inside joint       | satin    |
|                                                                                    | A05-42W-S  | 42,4          | rounded            | satin    |
|                                                                                    | A05-42Wa-S | 42,4          | inside joint       | satin    |
|                                                                                    | A05-42Wd-S | 42,4          | sharp              | satin    |
|                                                                                    | A05-42We-S | 42,4          | slightly rounded   | satin    |
|                                                                                    | A05-42W-P  | 42,4          | rounded            | polished |
|                                                                                    | A05-42Wa-P | 42,4          | inside joint       | polished |
|                                                                                    | A05-42Wd-P | 42,4          | sharp              | polished |
|                                                                                    | A05-42We-P | 42,4          | slightly rounded   | polished |
|                                                                                    |            |               |                    |          |
|                                                                                    |            |               |                    |          |
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| Square elbow for gluing                                                             |              |                |                    |          |
|-------------------------------------------------------------------------------------|--------------|----------------|--------------------|----------|
|  | Item         | tube dimension | additional details | quality  |
|                                                                                     | A05-40Wa-P-S | 40x40          | joint              | satin    |
|                                                                                     | A05-40Wd-P-P | 40x40          | sharp              | polished |
|                                                                                     |              |                |                    |          |
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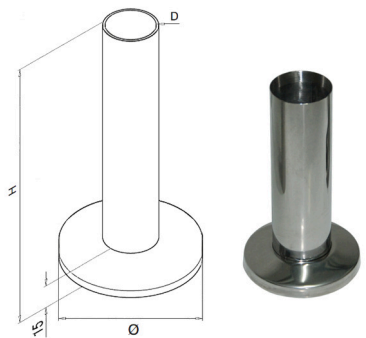
### Round half post - up side

Technical drawing and 3D models of round half post (up side). The drawing shows a side view with dimensions: top plate width 25, top plate length 65, post diameter Ø 14, and height H. Two 3D models are shown: 'adjustable' with a T-bar handle and 'fixed' with a flat top.

Technical drawing - round half post (up side)

| Item         | Φ - handrail diameter | D - post diameter | H - half post height | additional details | quality  |
|--------------|-----------------------|-------------------|----------------------|--------------------|----------|
| WPG-4210-S   | 42,4                  | 42,4              | 180                  |                    | satin    |
| WPG-4210-S+R | 42,4                  | 42,4              | 180                  | adjustable         | satin    |
| WPG-4210-P   | 42,4                  | 42,4              | 180                  |                    | polished |
| WPG-4210-P+R | 42,4                  | 42,4              | 180                  | adjustable         | polished |
| WPG-4207-S   | 42,4                  | 42,4              | 150                  |                    | satin    |
| WPG-4207-S+R | 42,4                  | 42,4              | 150                  | adjustable         | satin    |
| WPG-4207-P   | 42,4                  | 42,4              | 150                  |                    | polished |
| WPG-4207-P+R | 42,4                  | 42,4              | 150                  | adjustable         | polished |

### Round half post - down side

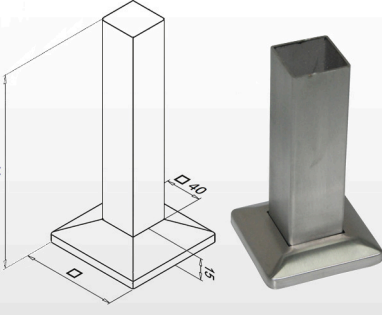
|  | Item       | Φ - cap plate diameter | D - post diameter | H - half post height |  | quality  |
|------------------------------------------------------------------------------------|------------|------------------------|-------------------|----------------------|--|----------|
|                                                                                    | WPD-4215-S | 85                     | 42,4              | 150                  |  | satin    |
|                                                                                    | WPD-4215-P | 85                     | 42,4              | 150                  |  | polished |
|                                                                                    | WPD-4212-S | 85                     | 42,4              | 120                  |  | satin    |
|                                                                                    | WPD-4212-P | 85                     | 42,4              | 120                  |  | polished |

### Square half post - up side

Technical drawing and 3D models of square half post (up side). The drawing shows a side view with dimensions: top plate width 25, top plate length 65, post diameter Ø 14, and height H. Two 3D models are shown: 'adjustable' with a T-bar handle and 'fixed' with a flat top.

| Item         | □ - post dimension |  | H - half post height | additional details | quality  |
|--------------|--------------------|--|----------------------|--------------------|----------|
| WPG-4010-S   | 40x40              |  | 180                  |                    | satin    |
| WPG-4010-S+R | 40x40              |  | 180                  | adjustable         | satin    |
| WPG-4010-P   | 40x40              |  | 180                  |                    | polished |
| WPG-4010-P+R | 40x40              |  | 180                  | adjustable         | polished |
| WPG-4007-S   | 40x40              |  | 150                  |                    | satin    |
| WPG-4007-S+R | 40x40              |  | 150                  | adjustable         | satin    |
| WPG-4007-P   | 40x40              |  | 150                  |                    | polished |
| WPG-4007-P+R | 40x40              |  | 150                  | adjustable         | polished |
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### Square half post - down side

|  | Item       | □ - cup plate dimension |  | H - half post height |  | quality  |
|-------------------------------------------------------------------------------------|------------|-------------------------|--|----------------------|--|----------|
|                                                                                     | WPG-4015-S | 85                      |  | 150                  |  | satin    |
|                                                                                     | WPG-4015-P | 85                      |  | 150                  |  | polished |
|                                                                                     | WPG-4012-S | 85                      |  | 120                  |  | satin    |
|                                                                                     | WPG-4012-P | 85                      |  | 120                  |  | polished |

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