

A module does not have to be angular. The KWS modular system is most suitable for individual applications made from stainless steel tube such as balustrades, handrails, footrails, canopies or company nameplates.

The following pages describe the different components and various suggested applications in more detail. (In individual cases please let us have your requirements together with a sketch or diagram and we will be glad to explain in more detail everything our system is capable of.)



A word about modules.

Round Tube | 254 System

(Ø 40 mm)

for Balustrades, Handrails
and Nameplates

7

Modular system | 265

(Ø 35, 40, 42.4 and 50 mm)

For Handrails

Modular system | 269

(Ø 35, 40 und 42.4)

For Footrails

Modular system | 271

(Ø 30 und 35 mm)

For Coat Racks and
other Equipment Pieces

7

Round tube modular system

Technical notes

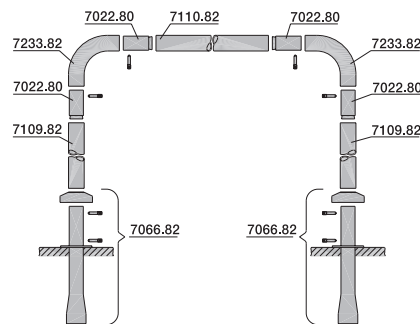
This product group leaves the configuration up to you. You can use the KWS modular system to design various applications for balustrades, handrails, company nameplates or canopies. Here are just a few suggestions:

We hope to make you familiar with the various possibilities by means of these examples.

For further questions: Make a sketch of the application and fax it to KWS:

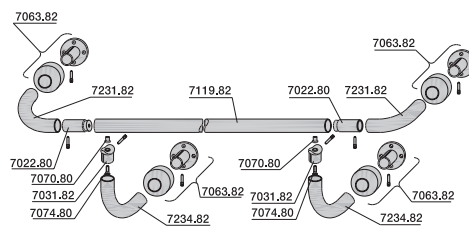
+ 49 - (0) 20 56 - 93 05 80

1. Balustrades



We must begin by saying that KWS does not install balustrades and cannot adapt components on site to conditions on the site. We therefore advise against carrying out installations yourself. Specialist firms with suitable equipment and experience should be employed for this purpose. It is always important to take the correct measurements. Our system is particularly suitable for straight balustrades.

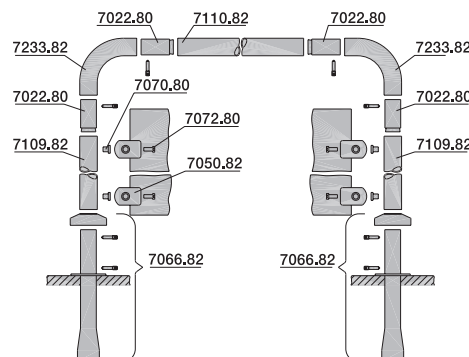
2. Handrails



We offer a wide range of handrail options, either as illustrated or in combination with the handrail supports from Group 4.

We offer complete handrails, straight only, in diameters of 30, 35, 40 and 50 mm. The maximum distance between two supports should not exceed 1000 mm.

3. Company nameplates



We are happy to etch your company logo on stainless steel. Simply tell us the nameplate and script dimensions, e-mail your logo to contact@kws-online.de and wait about 4 weeks. Prices are cost-based and calculated on inquiry.

KWS – Modular system for Handrails, Footrails and Coat Racks

The KWS modular system

These systems consist of components which can be connected by a simple clamping mechanism, without much effort. Welding, boring, gluing or grinding is not necessary here. The tubes are supplied in the standard lengths of 2 and 3 m or are cut to size. The cut edges are completely concealed by the coupling joint. Errors in cutting of up to 5 mm can be compensated.

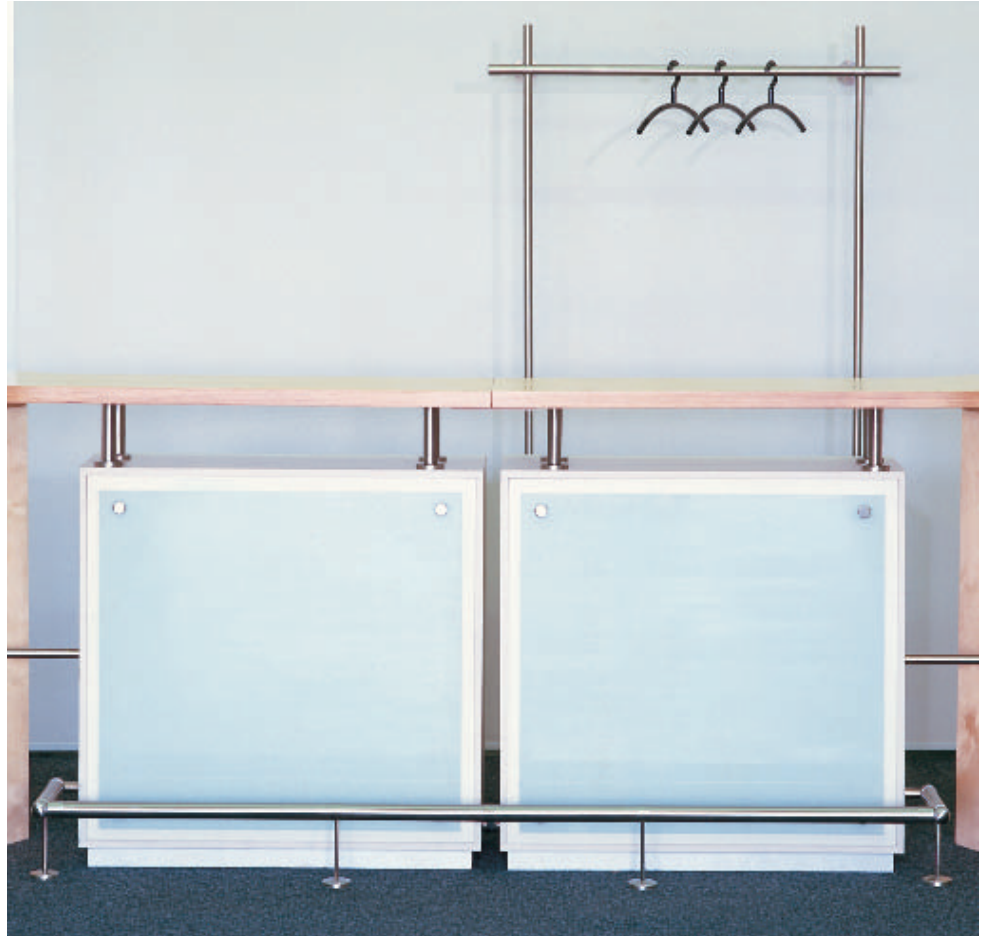
You can produce handrails, footrails, coat racks and numerous special constructions with the modular system. For the application door handles you will find the corresponding components in group 8.

To give you some ideas and inspiration you will find some examples of applications below.

1. Handrails



2. Coat racks



3. Footrails



Overview



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Overview | Modular system for Handrails



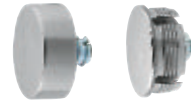
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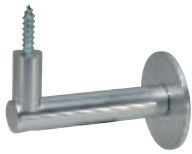
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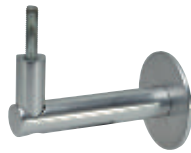
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Overview | Modular system for Footrails



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Overview I Modular system for Coat Racks



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Modular system



8808.. of Ø 30 mm stainless steel
wall 1.5 mm

8399.. of Ø 35 mm stainless steel
wall 1.5 mm

8329.. of Ø 35 mm beech wood

8308.. of Ø 40 mm stainless steel
wall 2.0 mm

8330.. of Ø 40 mm beech wood

Standard finish

a) Stainless steel (length: 2 m, 3 m or cut to size)

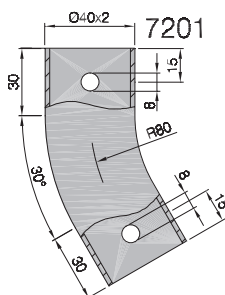


.82 dull brushed

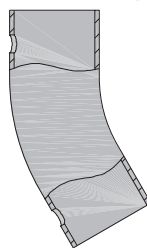
.83 polished

b) Beech wood (8329../8330)
(length: 2 m or cut to size)

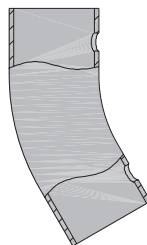
.98 open-pored treated



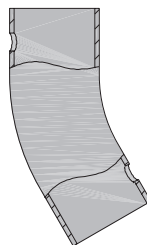
7202



7203



7204



7201.. with bore holes on the side

7202.. with bore holes on the outside

7203.. with bore holes on the inside

7204.. with bore holes on the inside and
outside

30° curve, Ø 40 x 2.0 mm tube
Made of stainless steel

Standard finish

a) Stainless steel



.82 dull brushed

.83 polished

Weight per piece

Stainless steel 0.170 kg

Order example

Piece	Item No.	Finish
...piece	8308	82

- 7211.. with bore holes on the side
- 7212.. with bore holes on the outside
- 7213.. with bore holes on the inside
- 7214.. with bore holes on the inside and outside

45° curve, Ø 40 x 2.0 mm tube
Made of stainless steel

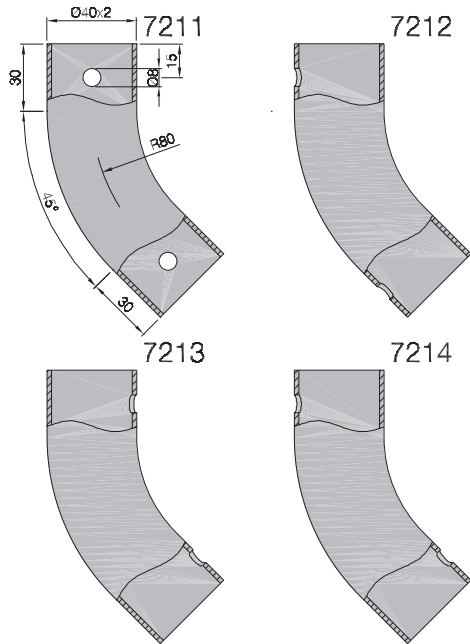
Standard finish

a) Stainless steel



- .82 dull brushed
- .83 polished

Weight per piece
Stainless steel 0.190 kg



- 7221.. with bore holes on the side
- 7222.. with bore holes on the outside
- 7223.. with bore holes on the inside
- 7224.. with bore holes on the inside and outside

60° curve, Ø 40 x 2.0 mm tube
Made of stainless steel

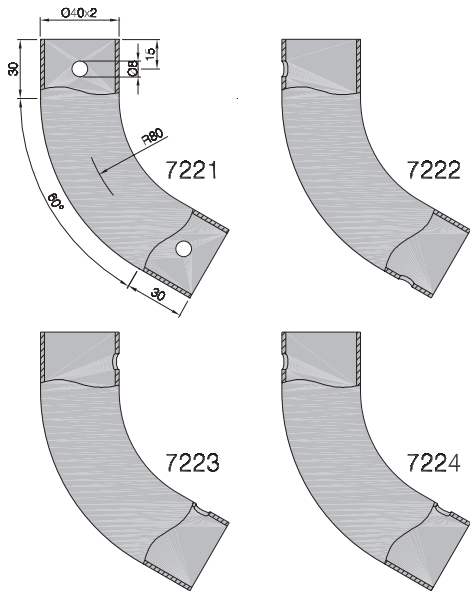
Standard finish

a) Stainless steel



- .82 dull brushed
- .83 polished

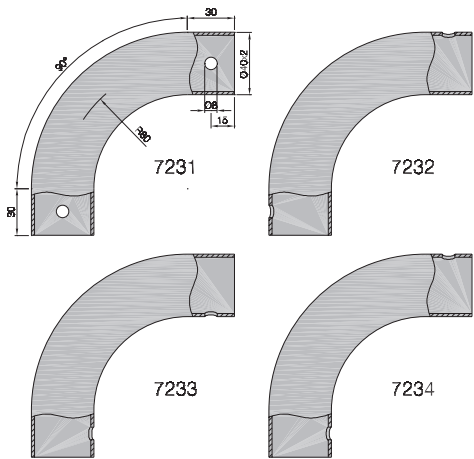
Weight per piece
Stainless steel 0.240 kg



Order example

Piece	Item No.	Finish
...piece	7211	82

Modular system



- 7231.. with bore holes on the side
- 7232.. with bore holes on the outside
- 7233.. with bore holes on the inside
- 7234.. with bore holes on the inside and outside

90° curve, Ø 40 x 2,0 mm tube
Made of stainless steel

Standard finish

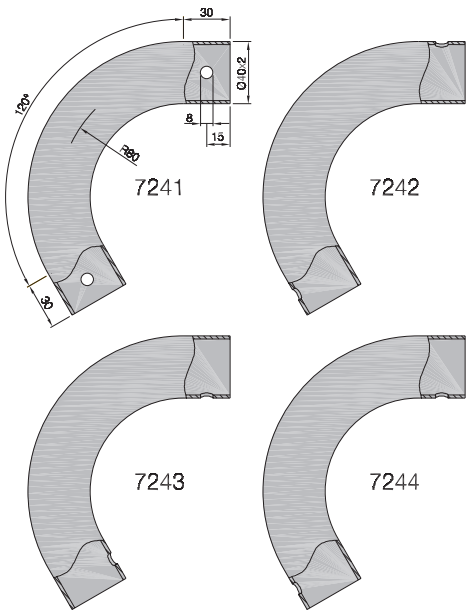
a) Stainless steel



- .82 dull brushed
- .83 polished

Weight per piece
0.380 kg

7



- 7241.. with bore holes on the side
- 7242.. with bore holes on the outside
- 7243.. with bore holes on the inside
- 7244.. with bore holes on the inside and outside

120° curve, Ø 40 x 2.0 mm tube
Made of stainless steel

Standard finish

a) Stainless steel



- .82 dull brushed
- .83 polished

Weight per piece
Stainless steel 0.380 kg

Order example

Piece	Item No.	Finish
...piece	7231	82

7251.. pointing left

7252.. pointing right

90° double curve, off set 90°, Ø 40 x 2.0 mm tube
Made of stainless steel

Standard finish

a) Stainless-steel

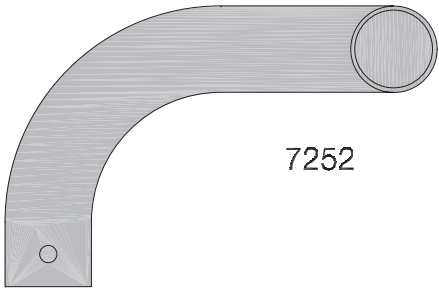
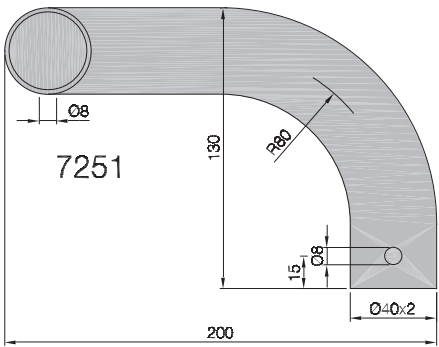


.82 dull brushed

.83 polished

Weight per piece

Stainless steel 0.520 kg



7261.. with bore holes on the side

7262.. with bore holes on the outside

7263.. with bore holes on the inside

7264.. with bore holes on the inside and outside

180° return curve, radius 100 mm
Ø 40 x 2.0 mm tube,
Made of stainless steel

Standard finish

a) Stainless steel

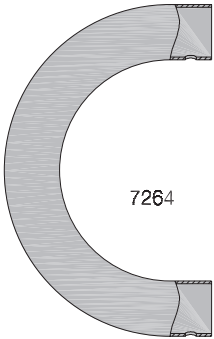
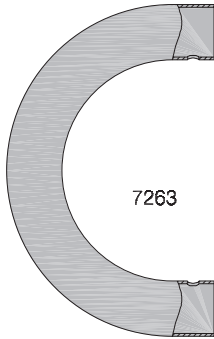
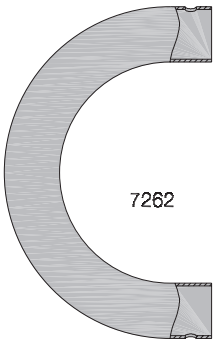
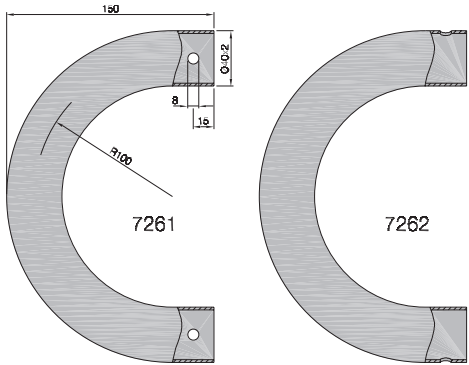


.82 dull brushed

.83 polished

Weight per piece

Stainless steel 0.630 kg



Order example

Piece	Item No.	Finish
...piece	7251	82

Modular system



- 7271.. with bore holes on the side
- 7272.. with bore holes on the outside
- 7273.. with bore holes on the inside
- 7274.. with bore holes on the inside and outside

180° return curve, radius 200 mm
Ø 40 x 2.0 mm tube,
Made of stainless steel

Standard finish

a) Stainless steel

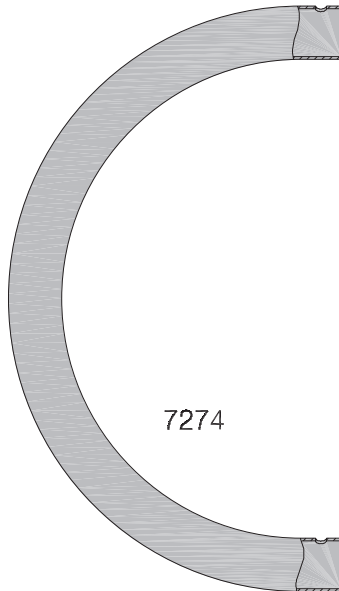
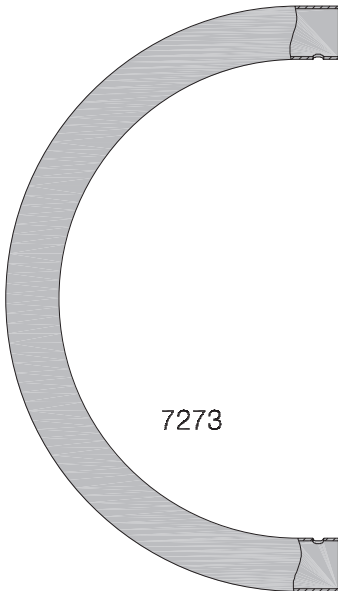
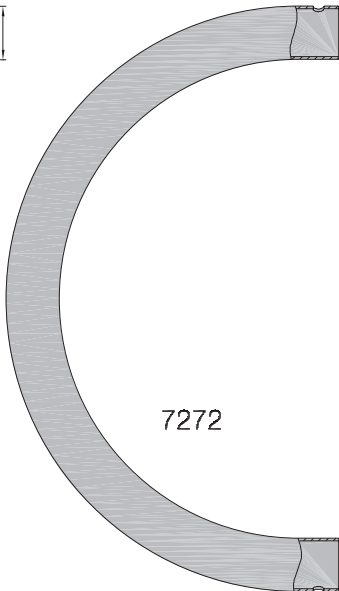
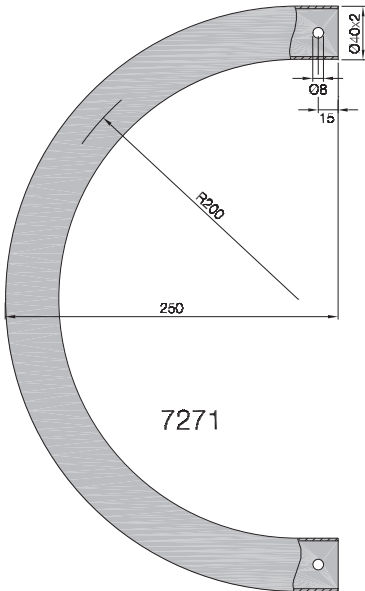


- .82 dull brushed
- .83 polished

Weight per piece

Stainless steel 1.280 kg

7



Order example

Piece	Item No.	Finish
...piece	7271	82

- 7301.. with bore holes on the side
- 7302.. with bore holes on the outside
- 7303.. with bore holes on the inside
- 7304.. with bore holes on the inside and outside

90° double curve,
Ø 40 x 2.0 mm tube, 300 mm to 1200 mm long
Made of stainless steel

Standard finish

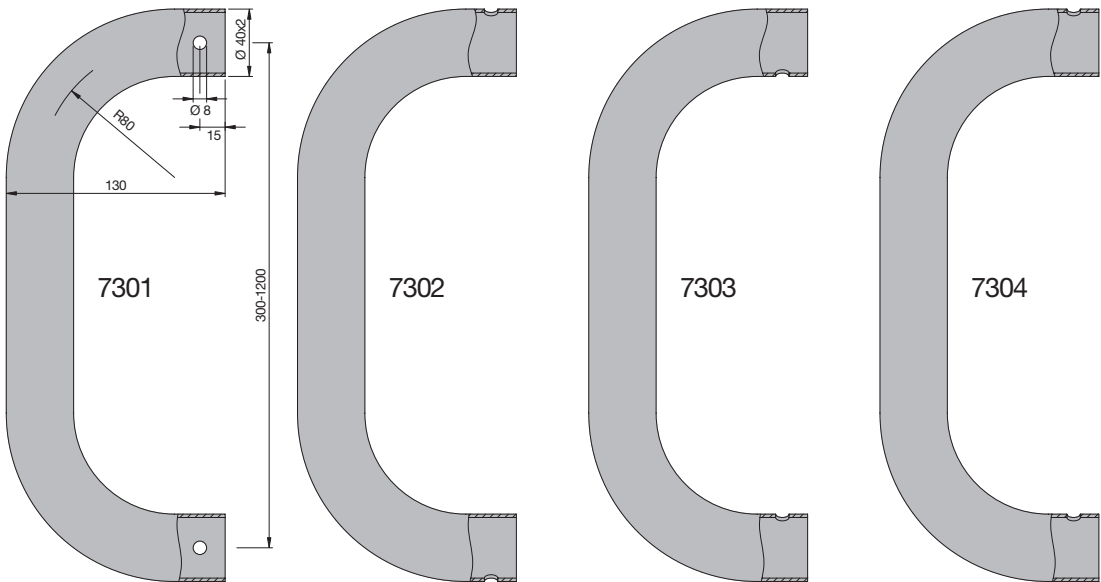
a) Stainless steel



- .82 dull brushed
- .83 polished

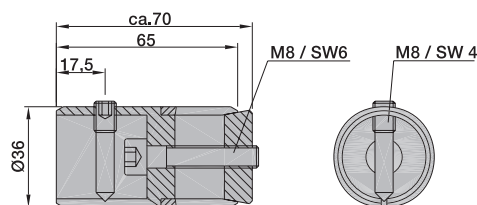
Weight per meter

Stainless steel 1.990 kg



Order example			
Piece ...piece	Item No. 7301	Finish 82	Maß L 400

Modular system



7022..

Joint for tube Ø 40 x 2.0 mm
With clamp
Made of stainless steel

Standard finish

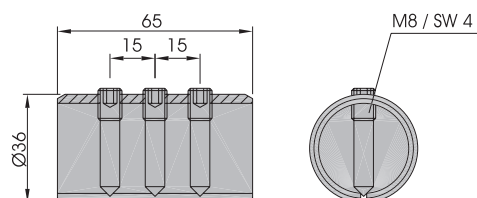
a) Stainless steel



.80 surface untreated

Weight per piece

Stainless steel 0.280 kg



7011..

Joint for tube Ø 40 x 2.0 mm
With three screws
Made of stainless steel

Standard finish

a) Stainless steel

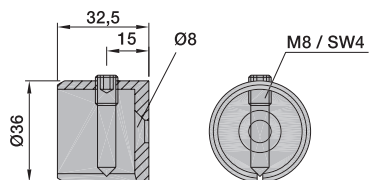


.80 surface untreated

Weight per piece

Aluminium 0.170 kg

7



7020..

32.5 mm long

7021..

62.5 mm long

Joint for tube Ø 40 x 2.0 mm
Made of stainless steel

Standard finish

a) Stainless steel

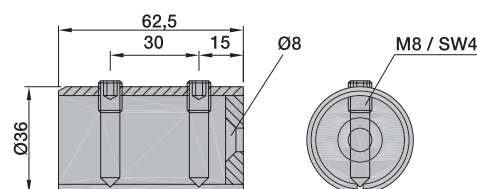


.80 surface untreated

Weight per piece

7020.. 0.100 kg

7021.. 0.190 kg



Order example

Piece	Item No.	Finish
...piece	7022	80

7040..

End plug for tube Ø 40 x 2.0 mm
Made of stainless steel

Also available in brass

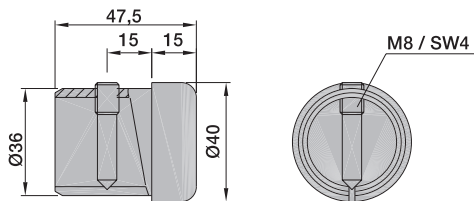
Standard finish

a) Stainless steel



- .82 dull brushed
- .83 polished

Weight per piece 0.190 kg



7030..

90° - for tube Ø 40 / Ø 40 mm,
longitudinally screwed

7031..

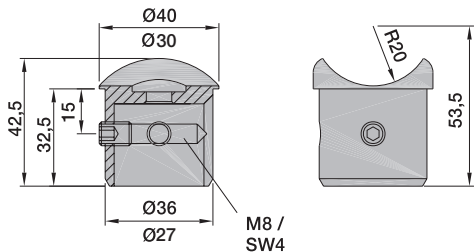
90° - for tube Ø 40 / Ø 40 mm,
cross screwed

7036..

90° for tube Ø 40 / Ø 30 mm,
longitudinally screwed

7037..

90° - for tube Ø 40 / Ø 30 mm,
cross screwed



Mitre joint
Made of stainless steel

Also available in brass

Standard finish

a) Stainless steel



- .82 dull brushed
- .83 polished

7032..

60° - for tube Ø 40 / Ø 40 mm,
longitudinally screwed/acute angle

7033..

60° - for tube Ø 40 / Ø 40 mm,
longitudinally screwed/obtuse angle

Mitre joint
Made of stainless steel

Also available in brass

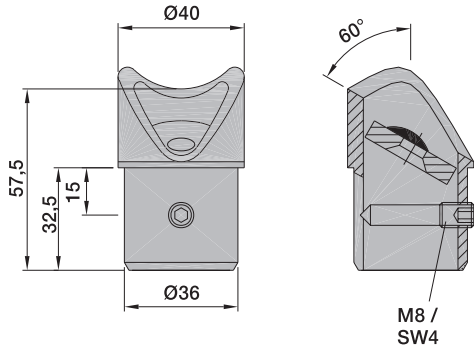
Standard finish

a) Stainless steel



- .82 dull brushed
- .83 polished

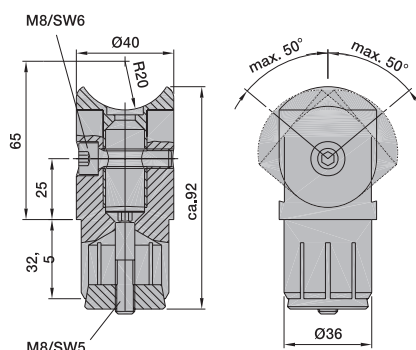
Weight per piece 0.190 kg



Order example

Piece	Item No.	Finish
...piece	7040	82

Modular system



7034.. adjustable by maximum of 50° to the right or left, for tube Ø 40 / Ø 40 x 2.0 mm

Mitre joint
Made of stainless steel

Standard finish

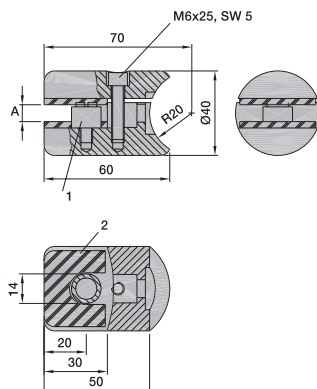
a) Stainless steel



.82 dull brushed

.83 polished

Weight per piece 0.580 kg



7050.. for 8 mm glass pane thickness

7051.. for 10 mm glass pane thickness

7052.. for 12 mm glass pane thickness

Glass pane holder for tube Ø 40 x 2.0 mm
Made of stainless steel

Also available in brass or aluminium

Standard finish

a) Stainless steel



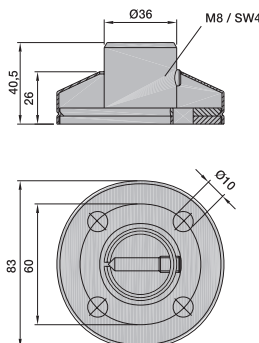
.82 dull brushed

.83 polished

Weight per piece
Stainless steel 0.350 kg

Note

If glass pane holders are mounted laterally, we recommend using the safety bolts supplied with each unit.



7063.. wall rose with cap

Wall rose for tube Ø 40 x 2.0 mm
Made of stainless steel
Also available with cap in brass

Standard finish

a) Stainless steel



.82 dull brushed

.83 polished

Weight per piece
Stainless steel 0.400 kg

Order example

Piece	Item No.	Finish
...piece	7034	82

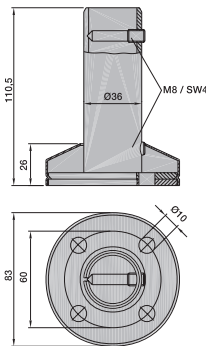
7064.. floor rose with cap

Floor rose for tube Ø 40 x 2.0 mm
Made of stainless steel

Also available with cap in brass

Standard finish

- a) Brass
 - .66 polished and colourless coated
- b) Stainless steel
 - .82 dull brushed
 - .83 polished



Weight per piece
Stainless steel 0.570 kg

7065.. floor anchor without rose and cap

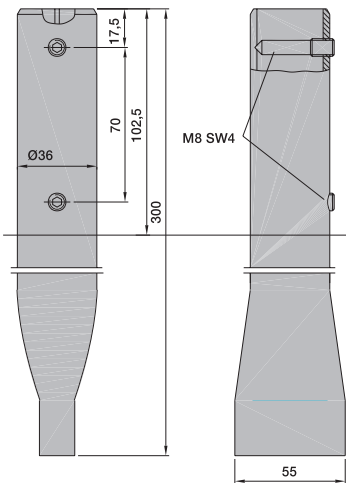
Floor anchor tube Ø 40 x 2.0 mm
Made of stainless steel

Standard finish

- a) Stainless-steel
 - .80 surface untreated



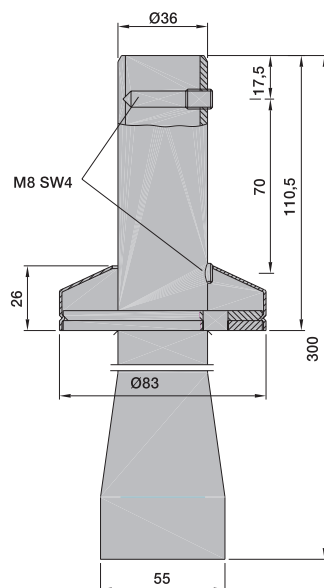
Weight per piece
Stainless steel 0.750 kg



Order example

Piece	Item No.	Finish
...piece	7064	82

Modular system



7066.. floor anchor with rose and cap

For tube Ø 40 x 2.0 mm
Made of stainless steel

Also available cap in brass

Standard finish

a) Stainless steel

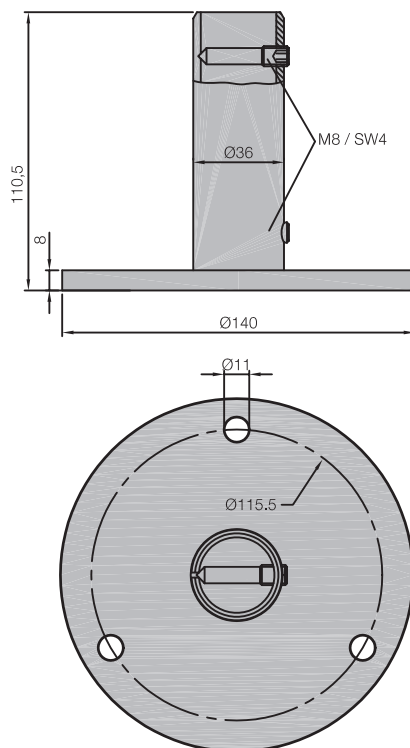


.82 dull brushed

.83 polished

Weight per piece 1.050 kg

7



7067.. floor rose Ø 120 mm for face fixing

For tube Ø 40 x 2.0 mm
Made of stainless steel

Standard finish

a) Stainless steel



.82 dull brushed

.83 polished

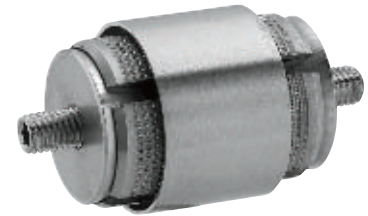
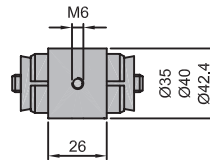
Weight per piece 1.120 kg

Order example

Piece	Item No.	Finish
...piece	7066	82

Modular system for Handrails

- 7512.. for Ø 35 x 1.5 mm tube
- 7H13.. for Ø 35 mm wood
- 7K13.. for Ø 35 x 1.5 mm wood/tube
- 7513.. for Ø 40 x 2.0 mm tube
- 7H14.. for Ø 40 mm wood
- 7K14.. for Ø 40 x 2.0 mm wood/tube
- 7514.. for Ø 42.4 x 2.0 mm tube
- 7H15.. for Ø 50 mm wood



Coupling joint with one threaded hole
M6 for handrail support
for tube with clamping system,
for timber rod with threaded socket end
and internal metric thread

With bore hole for handrail support (M6)

Made of stainless steel

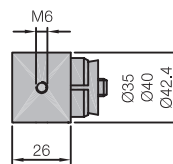
Standard finish

a) Stainless steel



.82 dull brushed

- 7517.. for Ø 35 x 1.5 mm tube
- 7H18.. for Ø 35 mm wood
- 7518.. for Ø 40 x 2.0 mm tube
- 7H19.. for Ø 40 mm wood
- 7519.. for Ø 42.4 x 2.0 mm tube
- 7H20.. for Ø 50 mm wood



End joint with one threaded hole M6 for handrail support
for tube with clamping system,
for timber rod with threaded socket end
and internal metric thread

With bore hole for handrail support (M6)

Made of stainless steel

Standard finish

a) Stainless steel

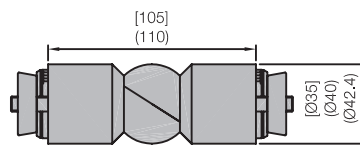


.82 dull brushed

Order example

Piece	Item No.	Finish
...piece	7512	82

Modular system for Handrails



- 7572.. for Ø 35 x 1.5 mm tube
- 7H73.. for Ø 35 mm wood
- 7K73.. for Ø 35 x 1.5 mm wood/tube
- 7573.. for Ø 40 x 2.0 mm tube
- 7H74.. for Ø 40 mm wood
- 7K74.. for Ø 40 x 2.0 mm wood/tube
- 7574.. for Ø 42.4 x 2.0 mm tube
- 7H75.. for Ø 50 mm wood

Elbow joint three dimensionally adjustable of 90° up to 180°
for tube with clamping system,
for timber rod with threaded socket end
and internal metric thread

Made of stainless steel

Standard finish

a) Stainless steel



.82 dull brushed

- 7507.. for Ø 35 x 1.5 mm tube
- 7H07.. for Ø 35 mm wood
- 7508.. for Ø 40 x 2.0 mm tube
- 7H08.. for Ø 40 mm wood
- 7508.. for Ø 40 x 2.0 mm tube
- 7H10.. for Ø 50 mm wood

End caps for tube and timber rods

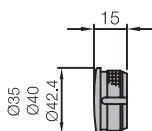
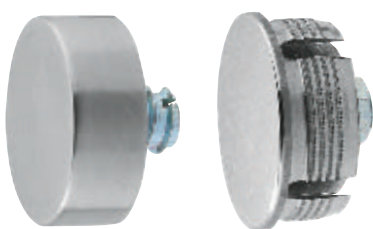
Made of stainless steel

Standard finish

a) Stainless steel



.82 dull brushed



for Wood

for tube

Order example

Piece	Item No.	Finish
...piece	7572	82

Modular system for Handrails

4547.. for 75 mm clearance

For handrail R = 25 mm

For building in by hanger bolt

Made of steel, aluminium, brass or stainless steel

Handrail fixing by a 6 mm wood screw

Standard finish

- a) Steel
 - .02 silver stove-enamelled
 - .03 black stove-enamelled
 - .06 electrogalvanized
 - .70 plastic coated
- b) Aluminium, E4 treated
 - .22 KWS 1 silver anodised
 - .23 KWS 2 nickel-silver anodised
 - .24 KWS 3 brass-coloured anodised
 - .28 KWS 5 dark brown anodised
- c) Aluminium, E5 treated
 - .31 KWS 1 silver anodised
 - .32 KWS 2 nickel silver anodised
 - .33 KWS 3 brass-coloured anodised
 - .37 KWS 5 dark brown anodised
- d) Aluminium, E6 treated
 - .41 KWS 1 silver anodised
 - .42 KWS 2 nickel-silver anodised
 - .43 KWS 3 brass-coloured anodised
 - .47 KWS 5 dark brown coloured

e) Brass

- .62 dull brushed and colourless coated
- .66 polished and colourless coated

f) Stainless steel



- .82 dull brushed
- .83 polished

Packing Unit

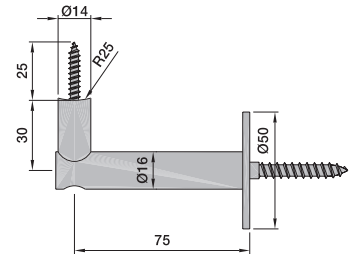
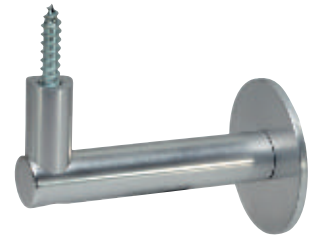
6 pieces

Weight per piece

Steel	0.210 kg
Aluminium	0.075 kg
Brass	0.230 kg
Stainless steel	0.210 kg

Mounting

The distance between the supports should not exceed 800 - 1000 mm depending on the construction of the wall and the load.



4545.. for 75 mm clearance

For handrail R = 25 mm

For building in by hanger bolt

Made of steel, aluminium, brass or stainless steel

Handrail fixing by metric screw

Standard finish

- a) Steel
 - .02 silver stove-enamelled
 - .03 black stove-enamelled
 - .06 electrogalvanized
 - .70 plastic coated
- b) Aluminium, E4 treated
 - .22 KWS 1 silver anodised
 - .23 KWS 2 nickel-silver anodised
 - .24 KWS 3 brass-coloured anodised
 - .28 KWS 5 dark brown anodised
- c) Aluminium, E5 treated
 - .31 KWS 1 silver anodised
 - .32 KWS 2 nickel silver anodised
 - .33 KWS 3 brass-coloured anodised
 - .37 KWS 5 dark brown anodised
- d) Aluminium, E6 treated
 - .41 KWS 1 silver anodised
 - .42 KWS 2 nickel-silver anodised
 - .43 KWS 3 brass-coloured anodised
 - .47 KWS 5 dark brown coloured

e) Brass

- .62 dull brushed and colourless coated
- .66 polished and colourless coated

f) Stainless steel



- .82 dull brushed
- .83 polished

Packing Unit

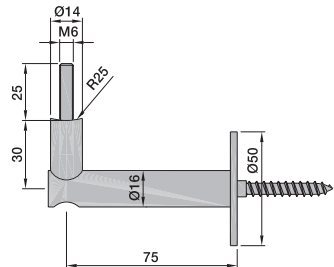
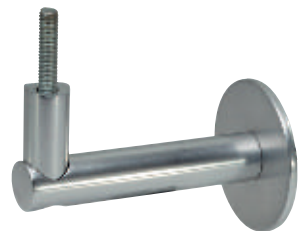
6 pieces

Weight per piece

Steel	0.210 kg
Aluminium	0.075 kg
Brass	0.230 kg
Stainless steel	0.210 kg

Mounting

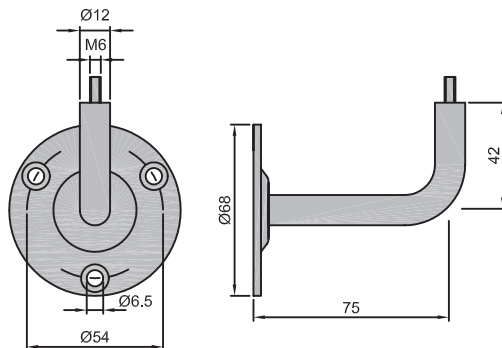
The distance between the supports should not exceed 800 - 1000 mm depending on the construction of the wall and the load.



Order example

Piece	Item No.	Finish
...piece	4547	02

Modular system for Handrails



4601.. for 75 mm clearance,
with M6 thread end

4602.. for 75 mm clearance,
with concave rest

4603.. for 75 mm clearance,
with flat rest

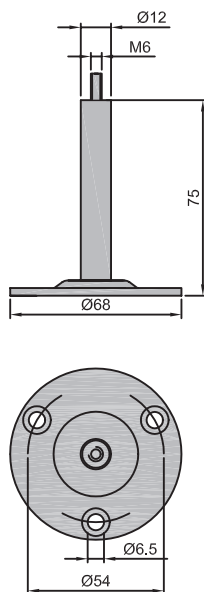
Standard finish

a) Stainless steel



.82 dull brushed

Weight per piece 0.150 kg



4607.. for 75 mm clearance,
with M6 thread end

4608.. for 75 mm clearance,
with concave rest

4609.. for 75 mm clearance,
with flat rest

Standard finish

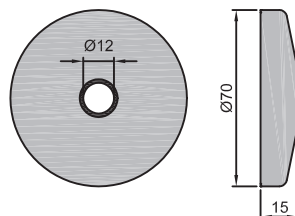
a) Stainless steel



.82 dull brushed

Weight per piece 0.136 kg

7



4600.. Cover for
4601 – 4603
4607 – 4609
7459 – 7460

Standard finish

a) Stainless steel



.82 dull brushed

Weight per piece 0.050 kg

Order example

Piece	Item No.	Finish
...piece	4601	82

Modular system for Footrails

- 7522.. for \varnothing 35 x 1.5 mm tube
 7523.. for \varnothing 40 x 2.0 mm tube
 7524.. for \varnothing 42.4 x 2.0 mm tube

Coupling joint with two threaded holes
 M6 for footrail support
 for tube with clamping system

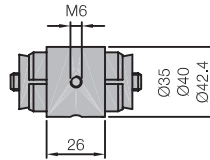
Made of stainless steel

Standard finish

- a) Stainless steel



.82 dull brushed



- 7527.. for \varnothing 35 x 1.5 mm tube
 7528.. for \varnothing 40 x 2.0 mm tube
 7529.. for \varnothing 42.4 x 2.0 mm tube

End joint with two threaded holes M6 for footrail support
 for tube with clamping system

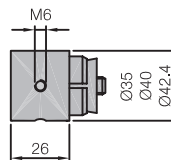
Made of stainless steel

Standard finish

- a) Stainless steel



.82 dull brushed



- 7572.. for \varnothing 35 x 1.5 mm tube
 7573.. for \varnothing 40 x 2.0 mm tube
 7574.. for \varnothing 42.4 x 2.0 mm tube

Elbow joint three dimensionally
 adjustable of 90° up to 180°
 for tube with clamping system

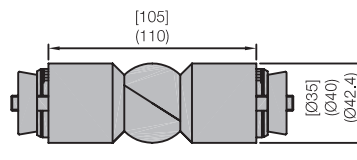
Made of stainless steel

Standard finish

- a) Stainless steel



.82 dull brushed

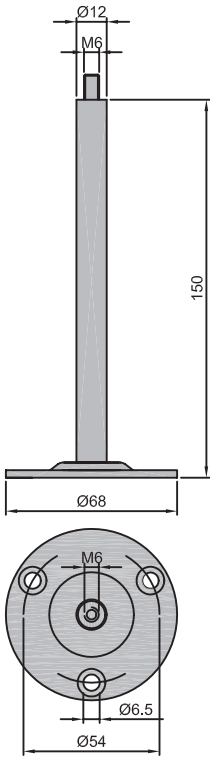


7

Order example

Piece ...piece	Item No. 7522	Finish 82
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Modular system for Footrails



7459.. 150 mm clearance

Support for wall or floor
in combination with joints

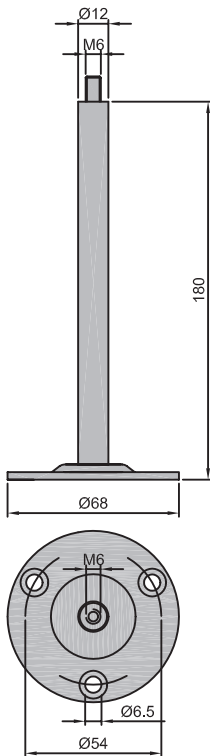
Made of stainless steel

Standard finish

a) Stainless steel



.82 dull brushed



7460.. 180 mm clearance

Support for wall or floor
in combination with joints

Made of stainless steel

Standard finish

a) Stainless steel



.82 dull brushed

Order example

Piece	Item No.	Finish
...piece	7459	82

Modular system for Coat-racks

7551.. for Ø 25 x 1.5 mm tube

7552.. for Ø 30 x 1.5 mm tube

7553.. for Ø 35 x 1.5 mm tube

Wall / floor rose with end joint

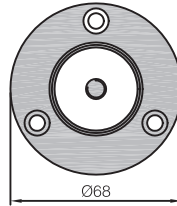
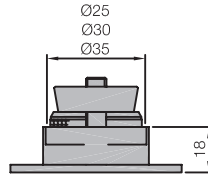
Made of stainless steel

Standard finish

a) Stainless steel



.82 dull brushed



7531.. for Ø 30 x 1.5 mm tube

7532.. for Ø 35 x 1.5 mm tube

Coupling joint (T-joint)
with three threaded holes for mitre joint
81G2../81G3..

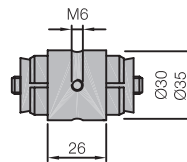
Made of stainless steel

Standard finish

a) Stainless steel



.82 dull brushed

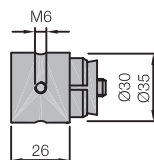


7

Order example

Piece	Item No.	Finish
...piece	7551	82

Modular system for Coat-racks



7536.. for Ø 30 x 1.5 mm tube

7537.. for Ø 35 x 1.5 mm tube

End joint (T-joint)
with three threaded holes for mitre joint
81G2../81G3..

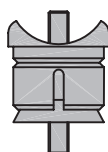
Made of stainless steel

Standard finish

a) Stainless steel



.82 dull brushed



81G2.. Holder for Ø 25x1.5 mm tube,
rest for Ø 30x1.5 mm tube

81G3.. Ø 25x1.5 / Ø 35x1.5

82G2.. Ø 30x1.5 / Ø 30x1.5

82G3.. Ø 30x1.5 / Ø 35x1.5

82G4.. Ø 30x1.5 / Ø 40x2.0

83G3.. Ø 35x1.5 / Ø 35x1.5

83G4.. Ø 35x1.5 / Ø 40x2.0

84G4.. Ø 40x2.0 / Ø 40x2.0

Mitre joint (incl. riveting nut)

Standard finish

a) Stainless steel



.82 dull brushed

Order example

Piece	Item No.	Finish
...piece	7536	82


Modular system for Coat-racks

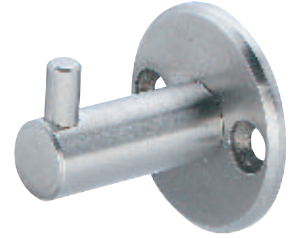
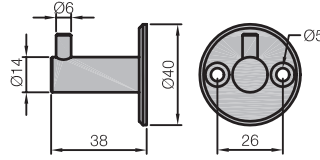
7501.. for face fixing

Coat hook

Made of aluminium, brass or stainless steel

Standard finish

- a) Aluminium, E5 treated
.31 KWS 1 silver anodised
- b) Brass
.66 polished and colourless coated
- c) Stainless steel

 .82 dull brushed
 .83 polished




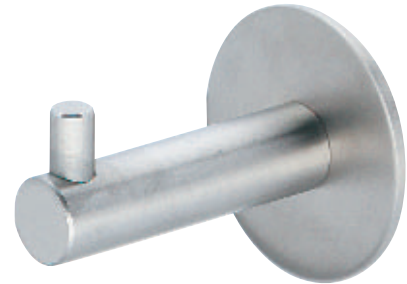
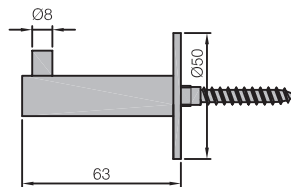
7502.. for concealed fixing by hanger bolt and plug

Coat hook

Made of stainless steel

Standard finish

- a) Stainless steel

 .82 dull brushed
 .83 polished



Order example

Piece	Item No.	Finish
...piece	7501	82