

## Door Pulls, Door Handles and Accessories



Catalogue: TEK\_0308

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### Door pulls, door handles and accessories

KWS door pulls are manufactured using stainless steel, aluminium anodised, aluminium plastic-coated and brass. The available finishes and colours can be found in the finishes chart on Page 90.

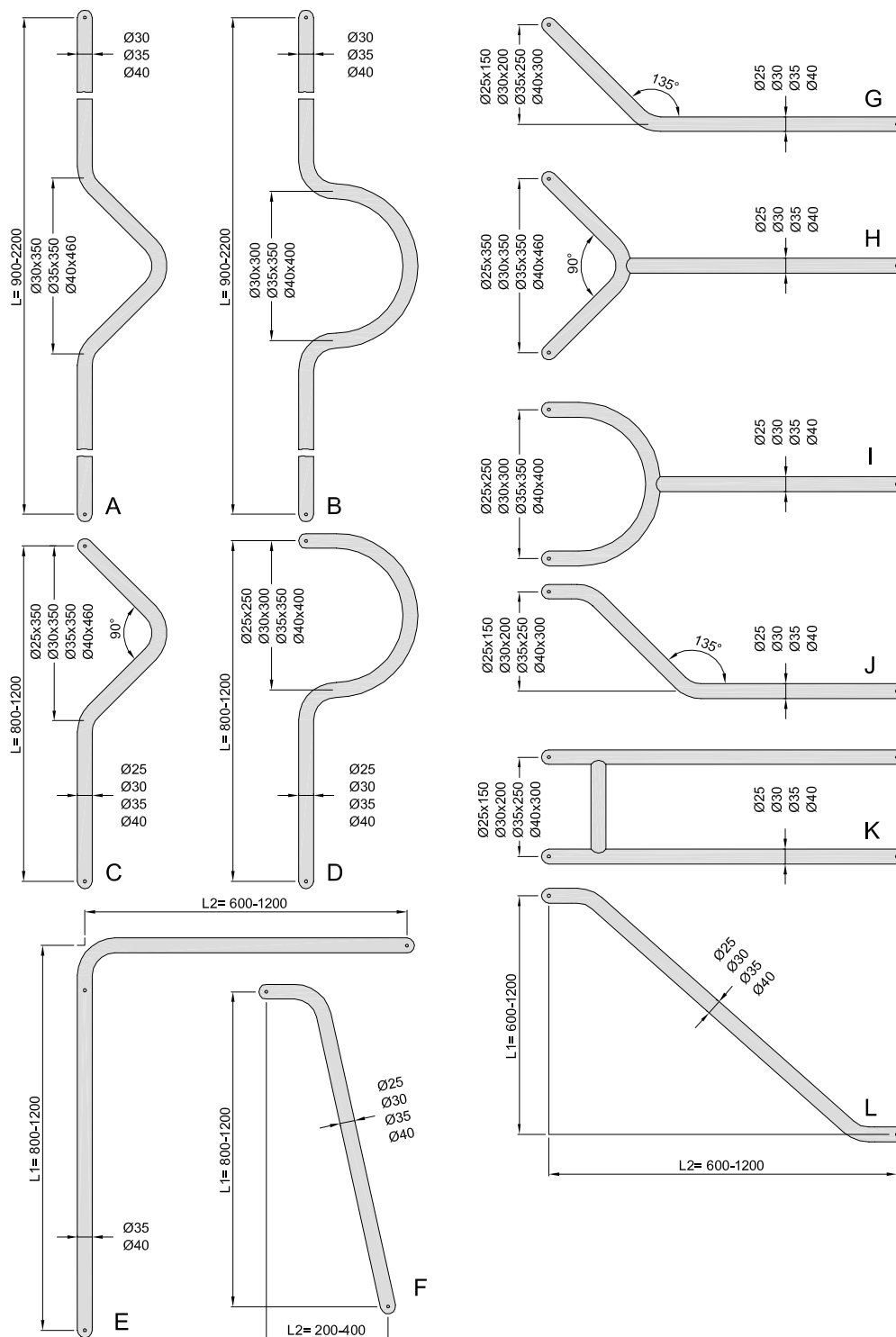
Depending on the type the door handles, they are available in diameters of 20, 25, 30, 35, 40 mm and partly also 50 mm. The door pull range has been extended by various types of edged material (Page 24-29 and Page 52-55).

In addition to the standard door pulls, a variety of custom-made products based on drawings are also manufactured. Moreover, the KWS modular system offers many further options to make your own door pulls to size.

The range is perfected by a choice of stainless steel door lever handles and additional accessories for doors such as house numbers.

# Custom-made products

KWS does not only produce standard door pulls but also custom-made door pulls. In the following we show you some examples: Please remember: If you have any queries or would like to know what is realisable: Send your sketch via fax to KWS: **+ 49 (0) 2056-1821**



### Maximum centre to centre distance (without mid-point support)

Please observe the below table of maximum centre to centre distances for your request of a quotation for custom made handles. This applies in particular for schools, kindergartens and public buildings with frequently used doors. For pulls whose centre to centre distances exceed these values we cannot accept any guarantee if a mid-point support is not incorporated.

Ø	Aluminium	brass	stainless steel
20	1000	-	1200
25	1400	1400	1600
30	1600	1600	1800
35	2000	-	2200
40	2200	2000	2500
50	2400	2200	2500

	stainless steel
30 x 30 x 2	GL: max. 2500, L: max. 2200
40 x 10	GL: max. 1800, L: max. 1400

### We manufacture standard door pulls up to the following maximum lengths:

Aluminium anodised	2400
Aluminium coated	2200
brass	2200
stainless steel	2500

### PVD coating

As an alternative to traditional brass door pulls we offer on request stainless steel pulls which are brass-coloured coated in a PVD process. This is an attractive combination of a decorative brass coating and the durability of a stainless steel pull. There are no cleaning agents necessary for maintaining such a door pull.





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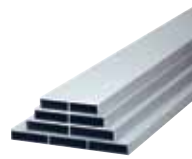
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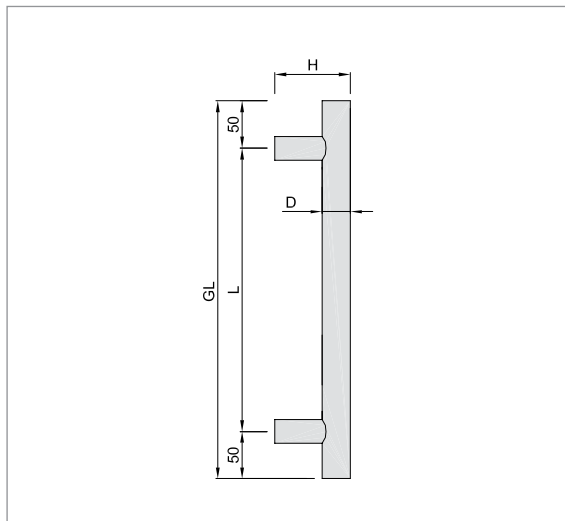
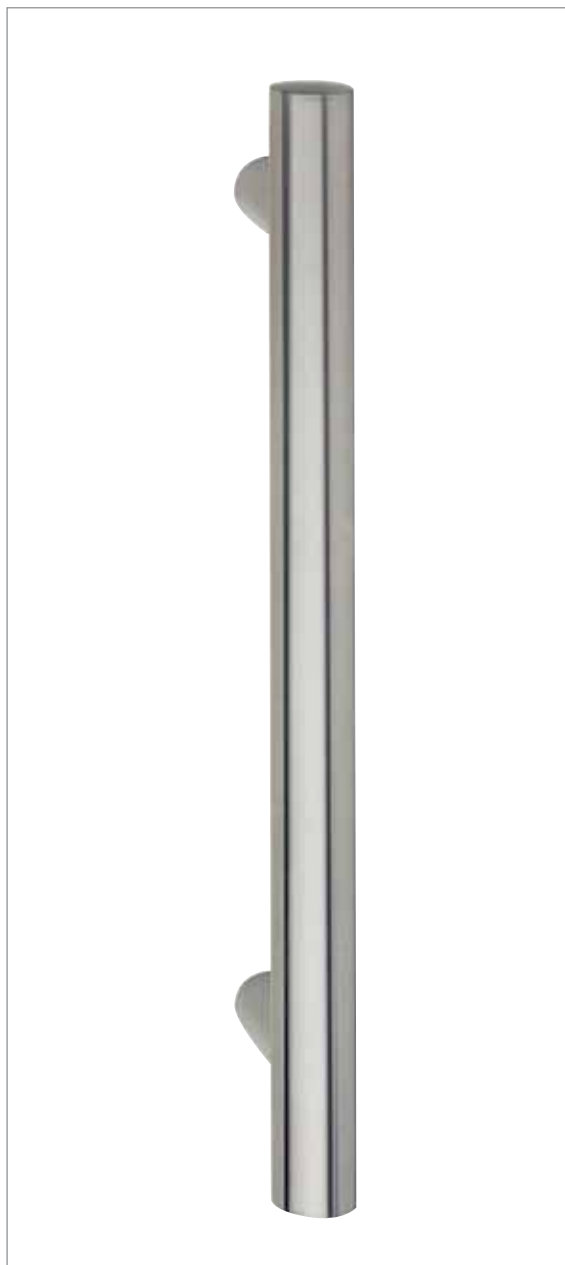
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### 8143..

D	GL	H	Supports
Ø 20	from 200	70	Ø 20

### 8178..

Ø 25	from 200	75	Ø 25
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### 8179..

Ø 30	from 200	80	Ø 25
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### 8169..

Ø 35	from 200	85	Ø 25
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### 8180..

Ø 40	from 200	90	Ø 25
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### 8181..

Ø 50	from 200	100	Ø 25
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As a pair for two-sided operation, or singly for one-sided door operation.

The appropriate mounting material is presented from Page 56.

**From Ø 25 mm this door pull series is additionally available with three differing offset supports (see fig. following page):**

support A - straight  
support B - curved  
support C - slanting 45°  
support G - slanting on mitre joint

#### Standard design

##### Aluminium

coloured plastic-coated	.70
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##### Aluminium machined according to E 4

KWS 1 silver anodised	.22
KWS 2 nickel silver anodised	.23
KWS 3 gold anodised	.24
KWS 4 light bronze anodised	.27
KWS 5 dark bronze anodised	.28
KWS 6 black anodised	.29

##### brass

##### not for 8143.. 8169..

brushed and waxed	.61
polished and waxed	.65

##### stainless steel

brushed	.82
polished	.83

##### maximum centre to centre distance (without mid-point support)

D	Aluminium	brass	stainless steel
Ø 20	1000	-	1200
Ø 25	1400	1400	1600
Ø 30	1600	1600	1800
Ø 35	2000	-	2200
Ø 40	2200	2000	2500
Ø 50	2400	2400	2500



#### Order example

Piece	Part no.	Finish no.	Support	GL	L
... Piece	8143	.82	C	960	860



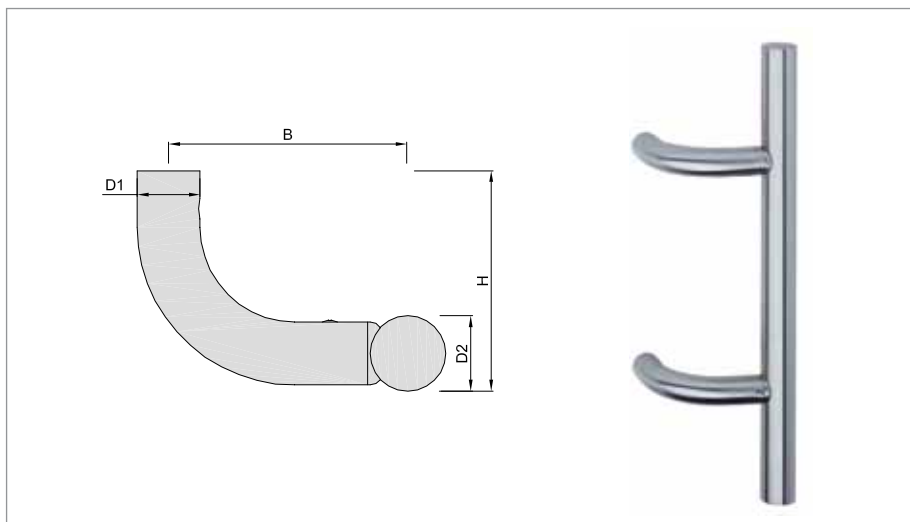
### Door pull supports

#### for sufficient safety clearance

Especially in the case of panel doors you should ensure that the grip of a door pull is far enough from the door edge (at least 40 - 50 mm).

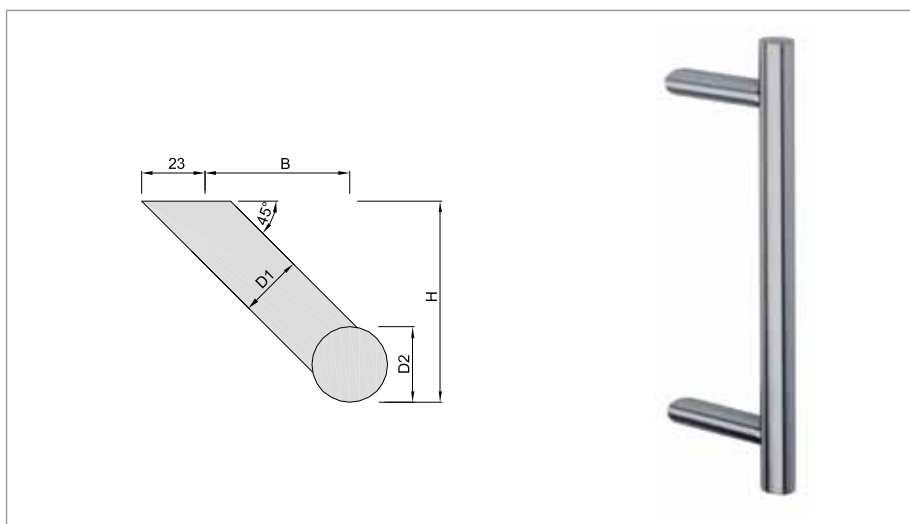
**Support B** curved support 90°

D2	D1	B	H
Ø 25	Ø 25	92,5	85
Ø 30	Ø 25	95	87,5
Ø 35	Ø 25	97,5	90
Ø 40	Ø 25	100	92,5
Ø 50	Ø 25	105	97,5



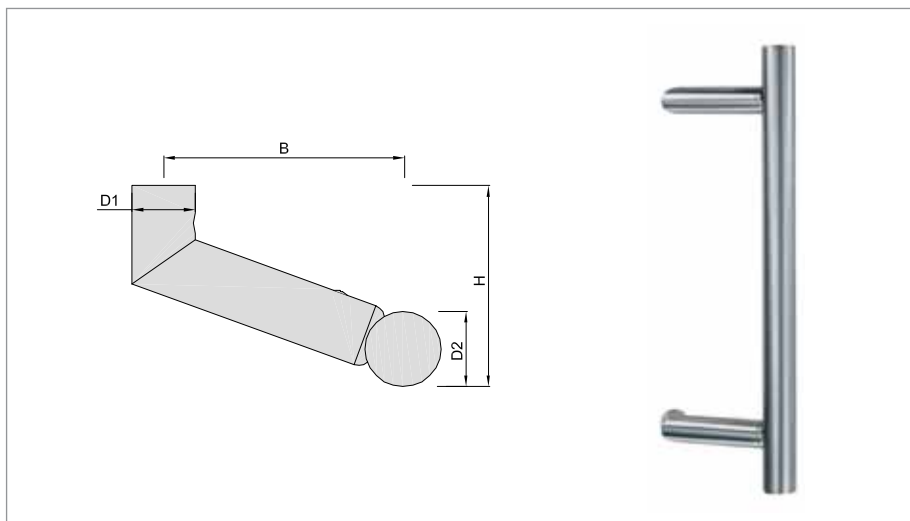
**Support C** slanting support 45°

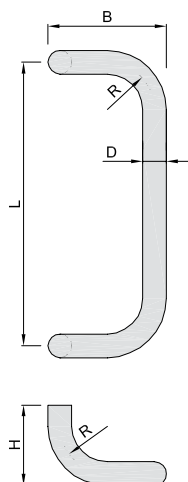
D2	D1	B	H
Ø 25	Ø 25	67	85
Ø 30	Ø 25	69,5	90
Ø 35	Ø 25	72	95
Ø 40	Ø 25	74,5	100
Ø 50	Ø 25	79,5	110



**Support G** support slanting on mitre joint  
(only available in stainless steel)

D2	D1	B	H
Ø 25	Ø 25	92,5	75
Ø 30	Ø 25	95	80
Ø 35	Ø 25	97,5	85
Ø 40	Ø 25	110	90
Ø 50	Ø 25	115	100





### 8907..

D	L	B	H	R
Ø 20	200	100	70	40

### 8910..

Ø 20	250	100	70	40
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### 8913..

Ø 20	300	100	70	40
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### 8908..

Ø 25	200	125	85	50
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### 8911..

Ø 25	250	125	85	50
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### 8914..

Ø 25	300	125	85	50
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### 8917..

Ø 25	400	125	85	50
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### 8909..

Ø 30	200	150	90	60
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### 8912..

Ø 30	250	150	90	60
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### 8915..

Ø 30	300	150	90	60
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### 8918..

Ø 30	400	150	90	60
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### 8941..

Ø 35	300	175	110	70
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### 8942..

Ø 35	350	175	110	70
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### 8943..

Ø 35	400	175	110	70
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### 8916..

Ø 40	300	200	130	80
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### 8919..

Ø 40	400	200	130	80
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#### Standard design

##### Aluminium

coloured plastic-coated	.70
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##### Aluminium machined according to E 4

KWS 1 silver anodised	.22
KWS 2 nickel silver anodised	.23
KWS 3 gold anodised	.24
KWS 4 light bronze anodised	.27
KWS 5 dark bronze anodised	.28
KWS 6 black anodised	.29

##### brass

not for 8907.. 8910.. 8913.. 8941.. 8942.. 8943..

brushed and waxed	.61
polished and waxed	.65

##### stainless steel

brushed	.82
polished	.83



As a pair for two-sided operation, or singly for one-sided door operation.

The appropriate mounting material is presented from Page 56.

Manufacturing door pulls in intermediate lengths (dimension L) is possible. Overlengths on request.

#### Order example

Piece	Part no.	Finish no.	L
... Piece	8907	.82	200

**Standard design****Aluminium**

coloured plastic-coated	<b>.70</b>
-------------------------	------------

**Aluminium machined according to E 4**

KWS 1 silver anodised	<b>.22</b>
KWS 2 nickel silver anodised	<b>.23</b>
KWS 3 gold anodised	<b>.24</b>
KWS 4 light bronze anodised	<b>.27</b>
KWS 5 dark bronze anodised	<b>.28</b>
KWS 6 black anodised	<b>.29</b>

**brass****not for 8282.. 8296..**

brushed and waxed	<b>.61</b>
polished and waxed	<b>.65</b>

**stainless steel**

brushed	<b>.82</b>
polished	<b>.83</b>

**maximum centre to centre distances = L**  
(without mid-point support)

D	Aluminium	brass	stainless steel
Ø 20	1000	-	1200
Ø 25	1400	1400	1600
Ø 30	1600	1600	1800
Ø 35	2000	-	2200
Ø 40	2200	2000	2500



As a pair for two-sided operation, or singly for one-sided door operation.

The appropriate mounting material is presented from Page 56.

Fig. depicts DIN right

**8282..**

D	L	B	H	R
Ø 20	from 200	100	70	40

**8249..**

Ø 25	from 200	125	85	50
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**8260..**

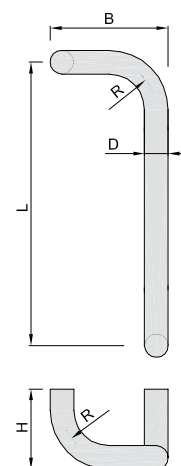
Ø 30	from 300	150	90	60
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**8296..**

Ø 35	from 400	175	110	70
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**8271..**

Ø 40	from 400	200	130	80
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**Order example**

Piece	Part no.	Finish no.	L	right/left
... Piece	<b>8282</b>	<b>.82</b>	350	R



### 8748..

D	L	H	R
Ø 20	from 200	70	40

### 8758..

Ø 25	from 200	85	50
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### 8768..

Ø 30	from 300	90	60
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### 8797..

Ø 35	from 400	110	70
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### 8778..

Ø 40	from 400	130	80
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#### Standard design

##### Aluminium

coloured plastic-coated	.70
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##### Aluminium machined according to E 4

KWS 1 silver anodised	.22
KWS 2 nickel silver anodised	.23
KWS 3 gold anodised	.24
KWS 4 light bronze anodised	.27
KWS 5 dark bronze anodised	.28
KWS 6 black anodised	.29

##### brass

##### not for 8748.. 8797..

brushed and waxed	.61
polished and waxed	.65

##### stainless steel

brushed	.82
polished	.83

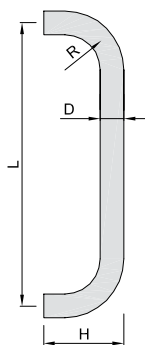
maximum centre to centre distances = L  
(without mid-point support)

D	Aluminium	brass	stainless steel
Ø 20	1000	-	1200
Ø 25	1400	1400	1600
Ø 30	1600	1600	1800
Ø 35	2000	-	2200
Ø 40	2200	2000	2500



As a pair for two-sided operation, or singly for one-sided door operation.

The appropriate mounting material is presented from Page 56.



#### Order example

Piece	Part no.	Finish no.	L
... Piece	8748	.82	350

**Standard design****Aluminium**

coloured plastic-coated	<b>.70</b>
-------------------------	------------

**Aluminium machined according to E 4**

KWS 1 silver anodised	<b>.22</b>
KWS 2 nickel silver anodised	<b>.23</b>
KWS 3 gold anodised	<b>.24</b>
KWS 4 light bronze anodised	<b>.27</b>
KWS 5 dark bronze anodised	<b>.28</b>
KWS 6 black anodised	<b>.29</b>

**brass****not for 8922.. 8931..**

brushed and waxed	<b>.61</b>
polished and waxed	<b>.65</b>

**stainless steel**

brushed	<b>.82</b>
polished	<b>.83</b>



As a pair for two-sided operation, or singly for one-sided door operation.

The appropriate mounting material is presented from Page 56.

**8922..**

D	L	B	H	R
Ø 20	200	160	70	40

**8920..**

Ø 25	165	160	85	50
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**8923..**

Ø 25	200	175	85	50
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**8926..**

Ø 25	250	200	85	50
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**8932..**

Ø 25	300	225	85	50
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**8935..**

Ø 25	350	250	85	50
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**8938..**

Ø 25	400	275	85	50
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**8921..**

Ø 30	165	170	90	60
------	-----	-----	----	----

**8924..**

Ø 30	200	190	90	60
------	-----	-----	----	----

**8927..**

Ø 30	250	215	90	60
------	-----	-----	----	----

**8933..**

Ø 30	300	240	90	60
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**8936..**

Ø 30	350	265	90	60
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**8939..**

Ø 30	400	290	90	60
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**8931..**

Ø 35	350	280	110	70
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**8925..**

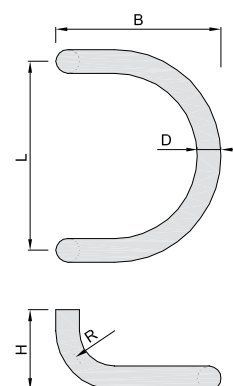
Ø 40	200	220	130	80
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**8937..**

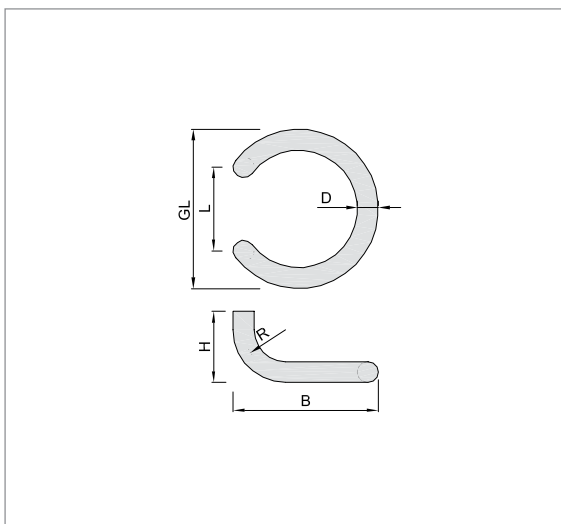
Ø 40	350	295	130	80
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**8940..**

Ø 40	400	320	130	80
------	-----	-----	-----	----

**Order example**

Piece	Part no.	Finish no.	L
... Piece	<b>8922</b>	<b>.82</b>	200



## 8954..

D	GL	L	B	H
Ø 25	190	100	190	85

### Standard design

#### Aluminium

coloured plastic-coated	.70
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#### Aluminium machined according to E 4

KWS 1 silver anodised	.22
KWS 2 nickel silver anodised	.23
KWS 3 gold anodised	.24
KWS 4 light bronze anodised	.27
KWS 5 dark bronze anodised	.28
KWS 6 black anodised	.29

#### brass

brushed and waxed	.61
polished and waxed	.65

#### stainless steel

brushed	.82
polished	.83



As a pair for two-sided operation, or singly for one-sided door operation.

The appropriate mounting material is presented from Page 56.

### Order example

Piece	Part no.	Finish no.	L
... Piece	8954	.82	400

**Standard design****Aluminium**

coloured plastic-coated	<b>.70</b>
-------------------------	------------

**Aluminium machined according to E 4**

KWS 1 silver anodised	<b>.22</b>
KWS 2 nickel silver anodised	<b>.23</b>
KWS 3 gold anodised	<b>.24</b>
KWS 4 light bronze anodised	<b>.27</b>
KWS 5 dark bronze anodised	<b>.28</b>
KWS 6 black anodised	<b>.29</b>

**brass****not for 8288.. 8283..**

brushed and waxed	<b>.61</b>
polished and waxed	<b>.65</b>

**stainless steel**

brushed	<b>.82</b>
polished	<b>.83</b>



As a pair for two-sided operation, or singly for one-sided door operation.

The appropriate mounting material is presented from Page 56.

Manufacturing door pulls in intermediate lengths (dimension L) is possible. Overlengths on request.

**8288..**

D	L	B	H
Ø 20	300	155	70

**8131..**

Ø 25	300	155	85
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**8284..**

Ø 25	350	180	85
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**8133..**

Ø 30	300	155	90
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**8285..**

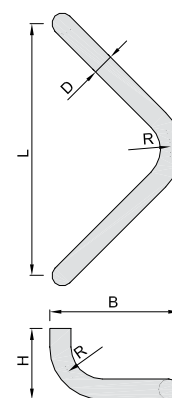
Ø 30	350	180	90
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**8283..**

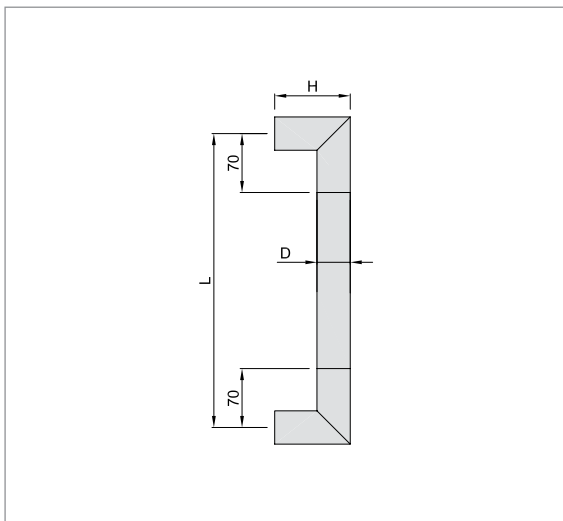
Ø 35	350	180	110
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**8286..**

Ø 40	460	240	130
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**Order example**

Piece	Part no.	Finish no.	L
... Piece	<b>8288</b>	<b>.82</b>	400



## 8155..

D	L	H	Handle piece
Ø 40	400 - 1600	90	oakwood solid open-pore treated

## 8157..

Ø 40	400 - 1600	90	stainless steel coloured plastic- coated coated
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## 8158..

Ø 40	400 - 1600	90	brass satin and waxed
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## 8159..

Ø 40	400 - 1600	90	beechwood solid open-pore treated
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### Standard design

#### stainless steel

brushed	.82
polished	.83



As a pair for two-sided operation, or singly for one-sided door operation.

The appropriate mounting material is presented from Page 56.

Manufacturing door pulls in intermediate lengths (dimension L) is possible. Overlengths on request.

### Order example

Piece	Part no.	Finish no.	L
... Piece	8155	.82	400



**Standard design****stainless steel**

brushed	.82
polished	.83

**maximum centre to centre distances = L**  
(without mid-point support)

D	stainless steel
Ø 20	1200
Ø 25	1600
Ø 30	1800
Ø 35	2200
Ø 40	2500
Ø 50	2500



As a pair for two-sided operation, or singly for one-sided door operation.

The appropriate mounting material is presented from Page 56.

**8135..**

D	L	H
Ø 20	from 200	70

**8170..**

Ø 25	from 200	75
------	----------	----

**8171..**

Ø 30	from 200	80
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**8137..**

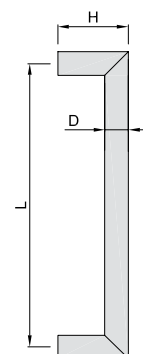
Ø 35	from 200	85
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**8172..**

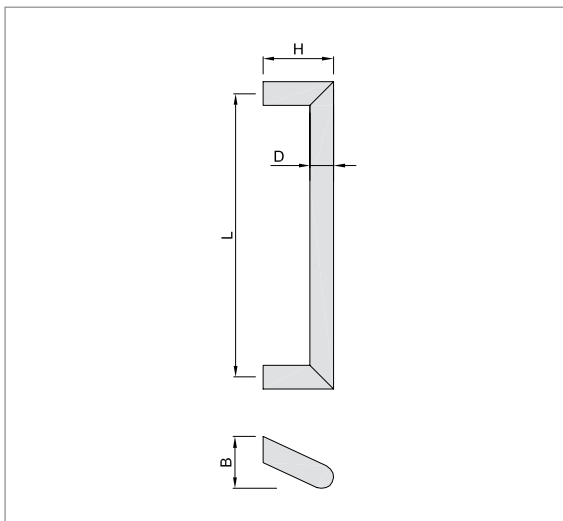
Ø 40	from 200	90
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**8173..**

Ø 50	from 200	100
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**Order example**

Piece	Part no.	Finish no.	L
... Piece	8135	.82	400



### 8174..

D	L	B	H
Ø 20	from 200	55	70

### 8175..

Ø 30	from 200	60	80
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### 8141..

Ø 35	from 200	65	85
------	----------	----	----

### 8176..

Ø 40	from 200	75	90
------	----------	----	----

### 8177..

Ø 50	from 200	90	100
------	----------	----	-----

#### Standard design

##### stainless steel

brushed	.82
polished	.83

maximum centre to centre distances = L  
(without mid-point support)

D	stainless steel
Ø 20	1200
Ø 25	1600
Ø 30	1800
Ø 35	2200
Ø 40	2500
Ø 50	2500



As a pair for two-sided operation, or singly for one-sided door operation.

The appropriate mounting material is presented from Page 56.

Manufacturing door pulls in intermediate lengths (dimension L) is possible. Overlengths on request.

#### Order example

Piece	Part no.	Finish no.	L
... Piece	8174	.82	400

**Standard design****stainless steel**

brushed	<b>.82</b>
polished	<b>.83</b>



Angle 160°

As a pair for two-sided operation and singly for one-sided door operation.

The appropriate mounting material is presented from Page 56.

Slanting 45°

**8105..**

D	GL	L	B	H
Ø 25	630	300	119	75

**8106..**

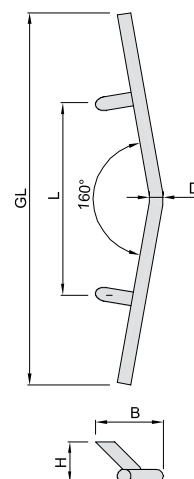
Ø 25	685	350	123	80
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**8107..**

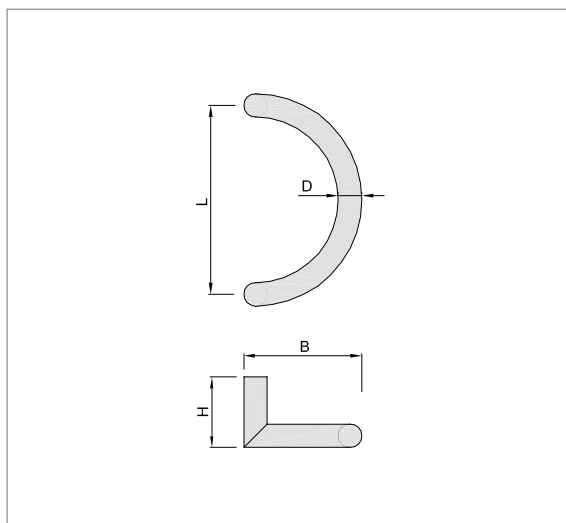
Ø 30	630	300	124	75
------	-----	-----	-----	----

**8108..**

Ø 30	685	350	128	80
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**Order example**

Piece	Part no.	Finish no.	L
... Piece	<b>8105</b>	<b>.82</b>	300



## 8149..

D	L	B	H
Ø 20	200	120	70

## 8186..

Ø 25	200	125	75
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## 8187..

Ø 30	300	180	80
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## 8191..

Ø 30	350	205	80
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## 8190..

Ø 35	350	210	85
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## 8188..

Ø 40	400	240	90
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### Standard design

#### stainless steel

brushed	.82
polished	.83



As a pair for two-sided operation, or singly for one-sided door operation.

The appropriate mounting material is presented from Page 56.

### Order example

Piece	Part no.	Finish no.	L
... Piece	8149	.82	200

**Standard design****Aluminium**

coloured plastic-coated	<b>.70</b>
-------------------------	------------

**Aluminium machined according to E 4**

KWS 1 silver anodised	<b>.22</b>
KWS 2 nickel silver anodised	<b>.23</b>
KWS 3 gold anodised	<b>.24</b>
KWS 4 light bronze anodised	<b>.27</b>
KWS 5 dark bronze anodised	<b>.28</b>
KWS 6 black anodised	<b>.29</b>

**stainless steel**

brushed	<b>.82</b>
polished	<b>.83</b>



As a pair for two-sided operation, or singly for one-sided door operation.

The appropriate mounting material is presented from Page 56.

**8958..**

D	L	B	H	Supports
Ø 30	300	180	80	Ø 25

**8961..**

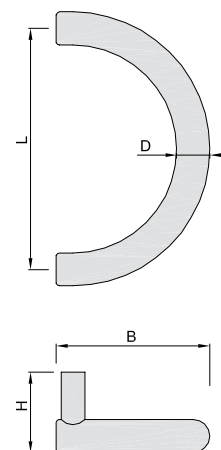
Ø 30	350	205	80	Ø 25
------	-----	-----	----	------

**8959..**

Ø 35	350	210	85	Ø 25
------	-----	-----	----	------

**8960..**

Ø 40	400	240	90	Ø 25
------	-----	-----	----	------

**Order example**

Piece	Part no.	Finish no.	L
... Piece	<b>8958</b>	<b>.82</b>	300



## 8221..

D	GL	B	H
Ø 30	200 - 1600	80	80

### Standard design

#### Aluminium

coloured plastic-coated	.70
-------------------------	-----

#### Aluminium machined according to E 4

KWS 1 silver anodised	.22
KWS 2 nickel silver anodised	.23
KWS 3 gold anodised	.24
KWS 4 light bronze anodised	.27
KWS 5 dark bronze anodised	.28
KWS 6 black anodised	.29

#### brass

brushed and waxed	.61
polished and waxed	.65

#### stainless steel

brushed	.82
polished	.83

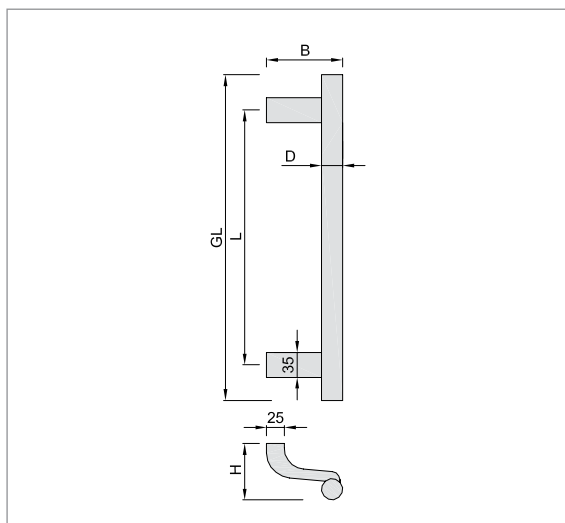


As a pair for operating the door from both sides and singly for one-sided door operation.

The appropriate mounting material is presented from Page 56.

In the case of this door pull the finish refers to the grab bar. The supports are always of aluminium, optionally anodised or coloured plastic-coated.

Manufacturing of door pulls in intermediate lengths (dimension L) is possible.



### Order example

Piece	Part no.	Finish no.	GL	L
... Piece	8221	.82	400	200

**Standard design****stainless steel**

brushed	.82
polished	.83



Door pull with bolt, floor socket and lock for locking all glass doors from one side.

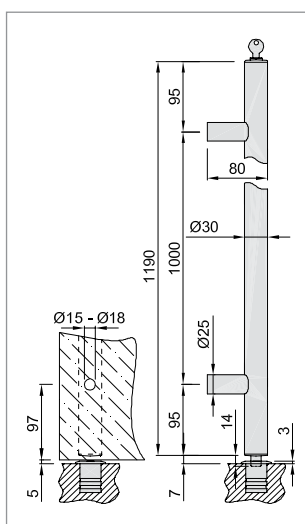
As a pair, in combination with door pull **8179.82**, for operating the door from both sides or singly for operating the door from one side. Keyed alike cylinders are available.

The appropriate mounting material is presented from Page 56. Other lengths on request.

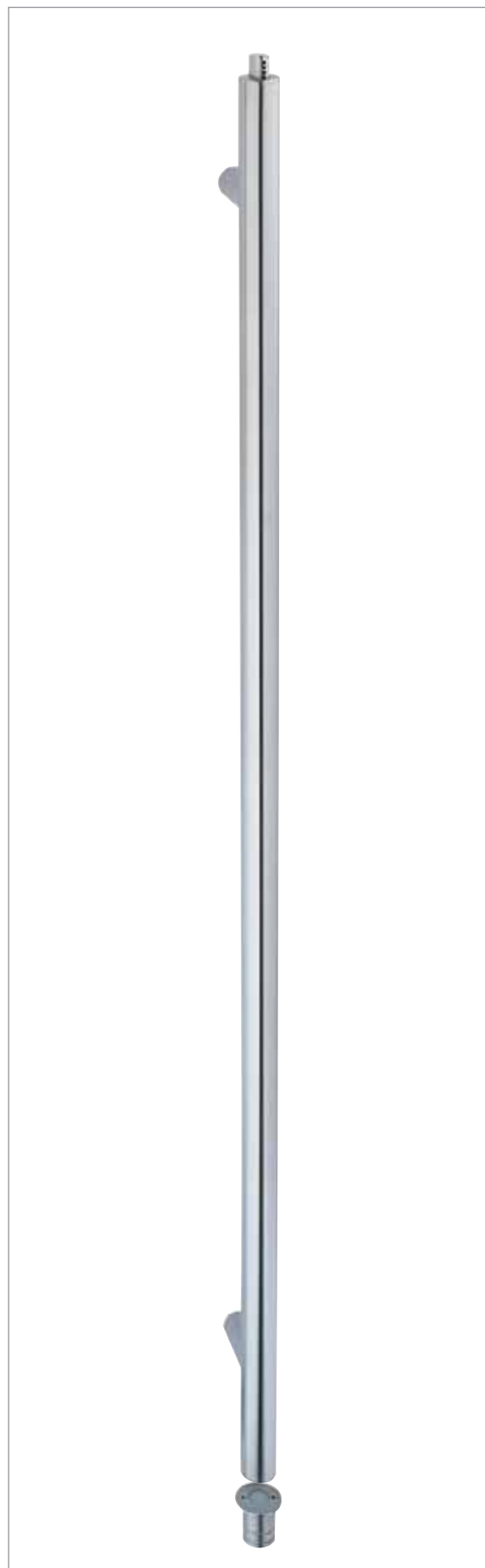
Boreholes in the glass pane: Ø 15-18 mm

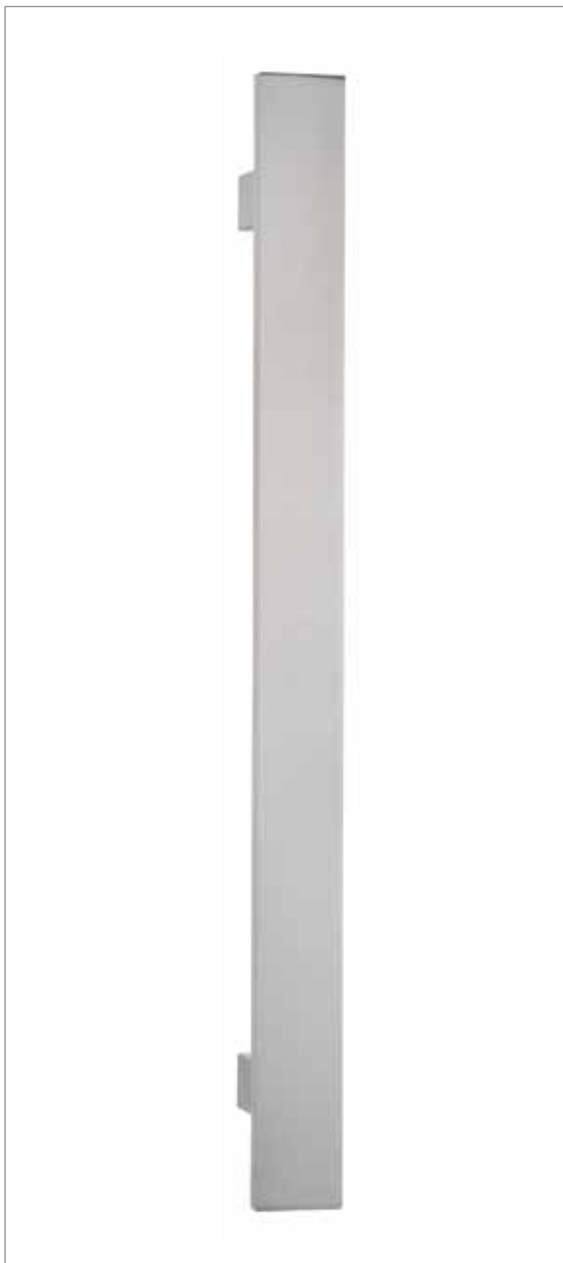
**8199..**

D	GL	L	H
Ø 30	1190	1000	80

**Order example**

Piece	Part no.	Finish no.	L
... Piece	8199	.82	1000





## 8537..

GL	L	H
400	300	60
500	400	60

### Standard design

#### stainless steel

brushed	.82
---------	-----



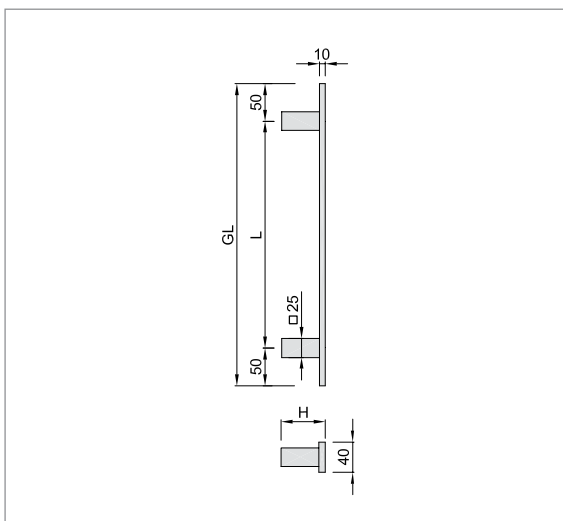
grab bar of stainless steel 40 x 10 mm

supports of aluminium, stainless steel effect anodised

As a pair for two-sided operation and singly for one-sided door operation.

The appropriate mounting material is presented from Page 56.

Manufacturing door pulls in intermediate lengths (dimension L) is possible. Overlengths on request.



### Order example

Piece	Part no.	Finish no.	GL
... Piece	8537	.82	400



**Standard design****stainless steel**

brushed .82



grab bar of stainless steel 40 x 10 mm

supports of aluminium, stainless steel effect anodised

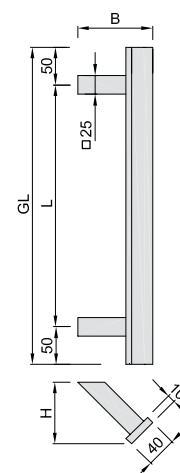
As a pair for two-sided operation and singly for one-sided door operation.

The appropriate mounting material is presented from Page 56.

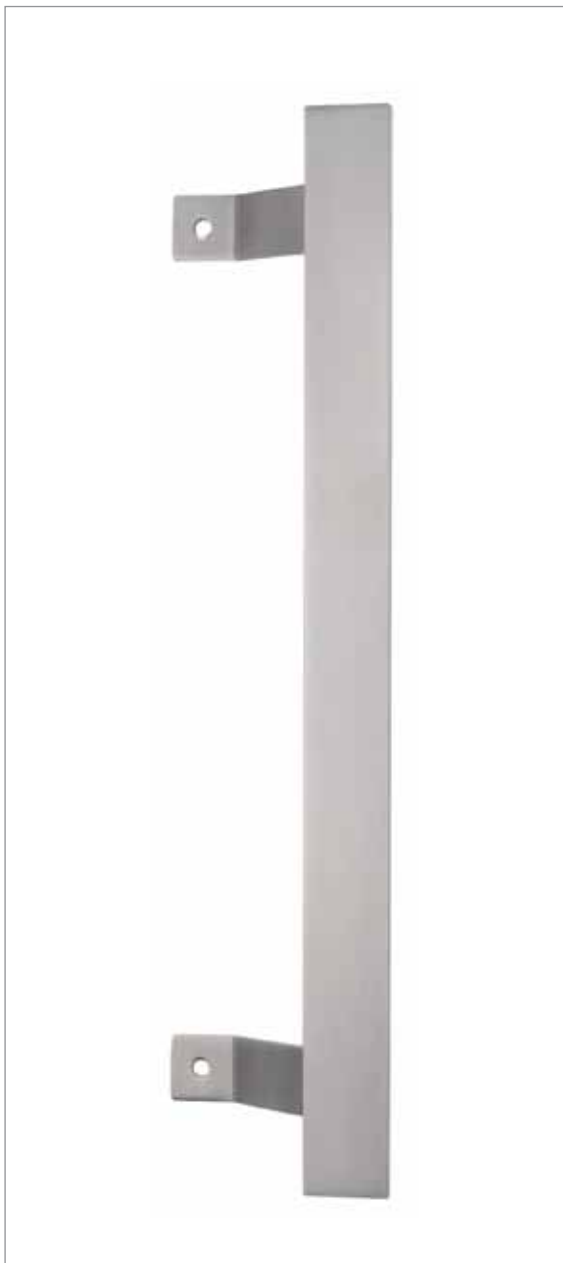
Manufacturing door pulls in intermediate lengths (dimension L) is possible. Overlengths on request.

**8523..**

GL	L	B	H
400	300	100	82
500	400	100	82

**Order example**

Piece	Part no.	Finish no.	GL
... Piece	8523	.82	400



## 8524..

GL	L	B	H
400	300	110	64
500	400	110	64

### Standard design

#### stainless steel

brushed	.82
---------	-----



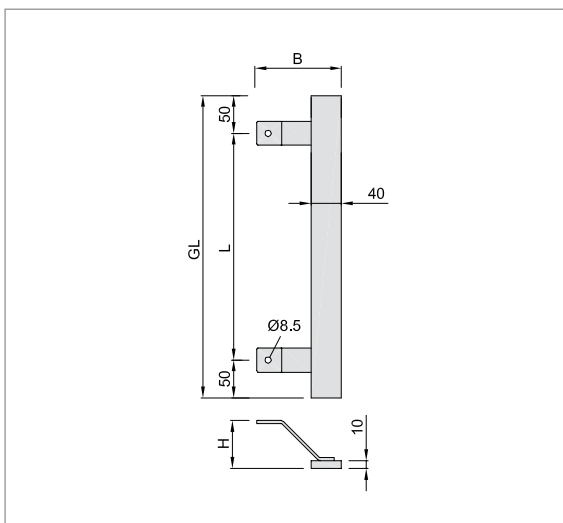
grab bar of stainless steel 40 x 10 mm

supports of stainless steel

As a pair for two-sided operation and singly for one-sided door operation.

The appropriate mounting material is presented from Page 56.

Manufacturing door pulls in intermediate lengths (dimension L) is possible. Overlengths on request.



### Order example

Piece	Part no.	Finish no.	GL
... Piece	8524	.82	400

**Standard design****stainless steel**

brushed .82



grab bar of stainless steel

30 x 30 x 2 mm

supports of aluminium stainless steel effect anodised

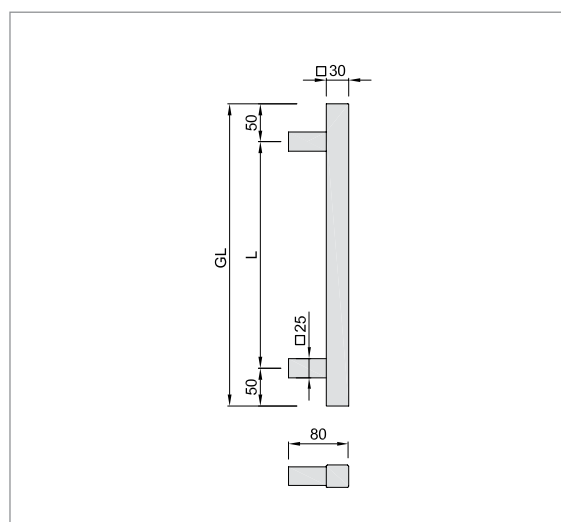
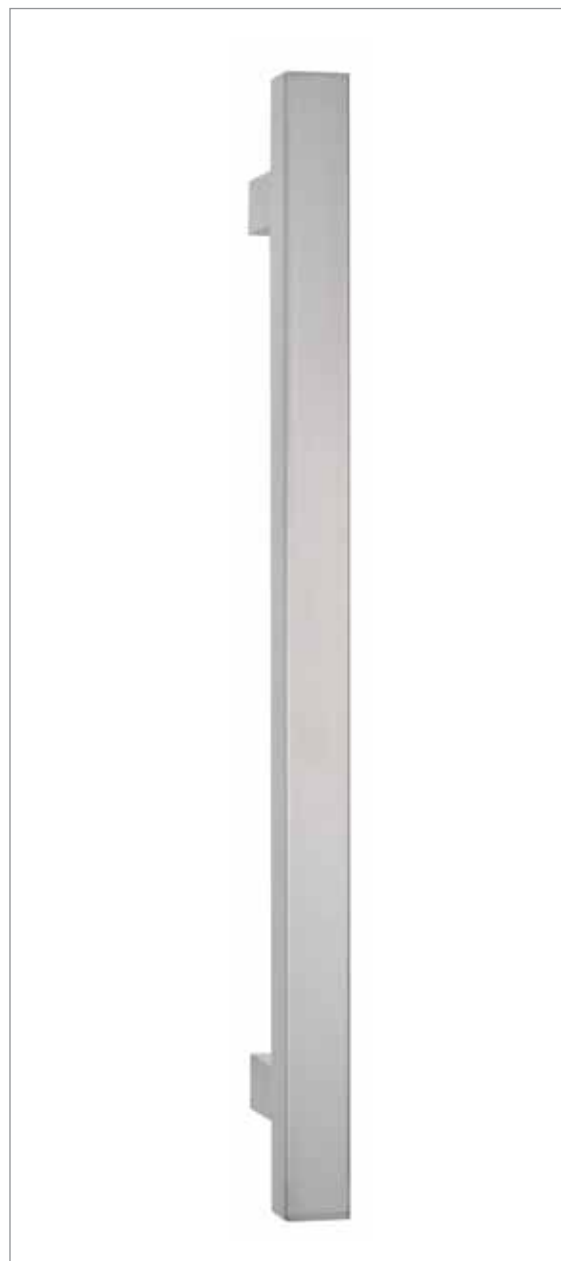
As a pair for two-sided operation, or singly for one-sided door operation.

The appropriate mounting material is presented from Page 56.

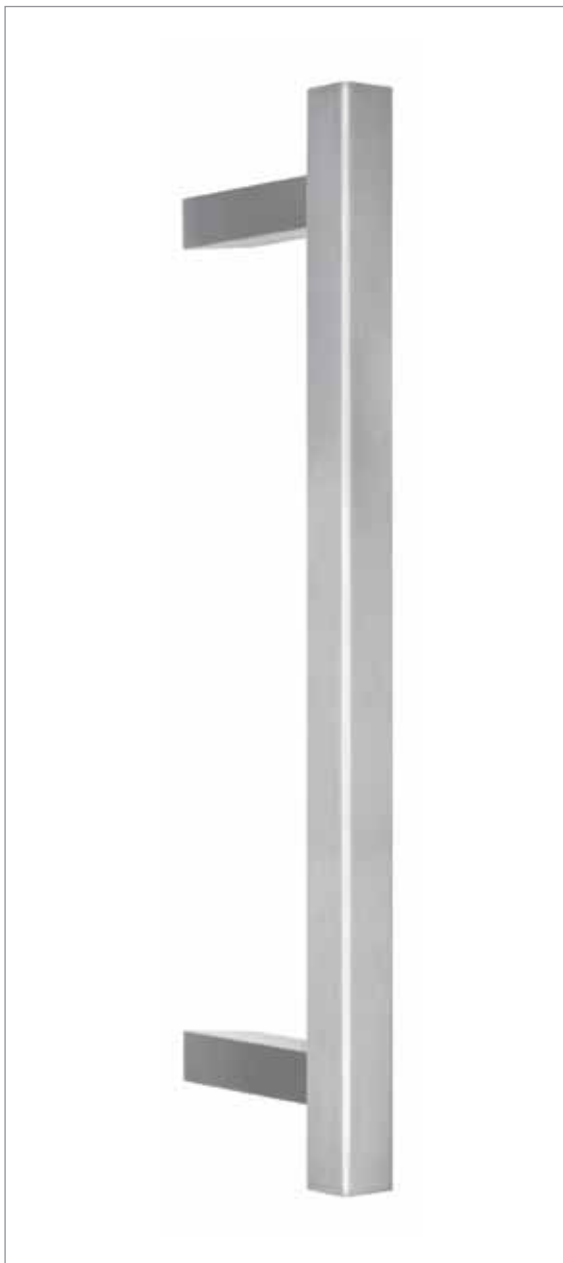
Manufacturing door pulls in intermediate lengths (dimension L) is possible. Overlengths on request.

**8525..**

GL	L	H
400	300	80
500	400	80

**Order example**

Piece	Part no.	Finish no.	GL
... Piece	8525	.82	400



## 8528..

GL	L	B	H
400	300	110	92
500	400	110	92

### Standard design

#### stainless steel

brushed	.82
---------	-----

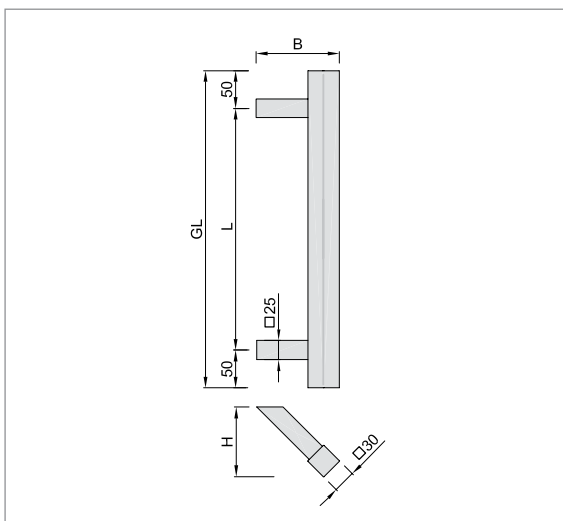


grab bar of stainless steel  
30 x 30 x 2 mm  
supports of aluminium stainless steel effect  
anodised

As a pair for two-sided operation, or singly  
for one-sided door operation.

The appropriate mounting material is presented  
from Page 56.

Manufacturing door pulls in intermediate  
lengths (dimension L) is possible. Overlengths  
on request.



### Order example

Piece	Part no.	Finish no.	GL
... Piece	8528	.82	400

**Standard design****stainless steel**brushed **.82**

grab bar of stainless steel  
30 x 30 x 2 mm  
supports of stainless steel

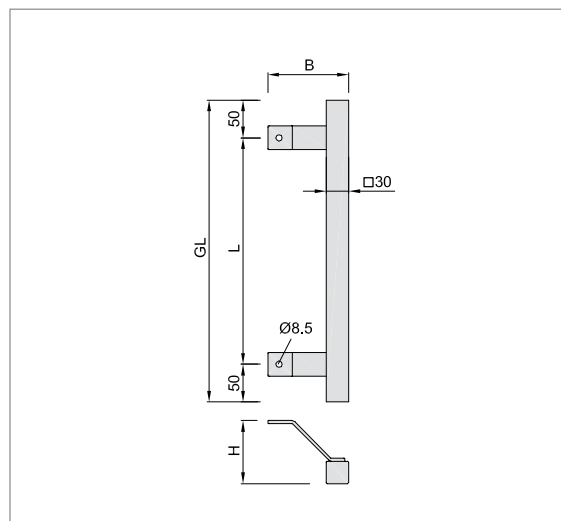
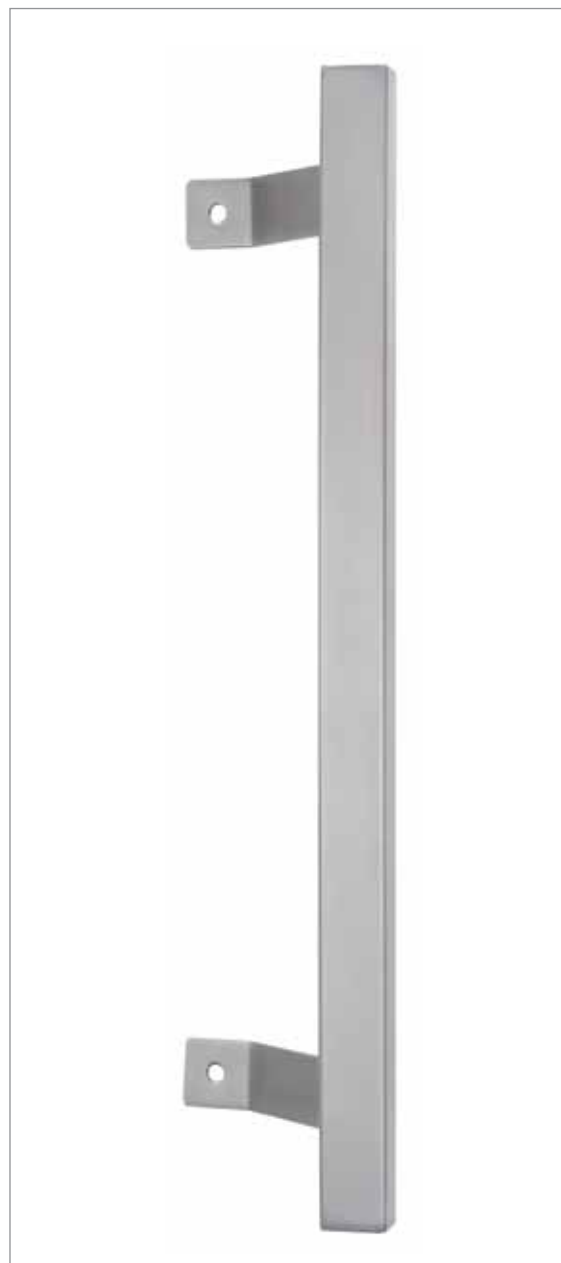
As a pair for two-sided operation, or singly  
for one-sided door operation.

The appropriate mounting material is presented  
from Page 56.

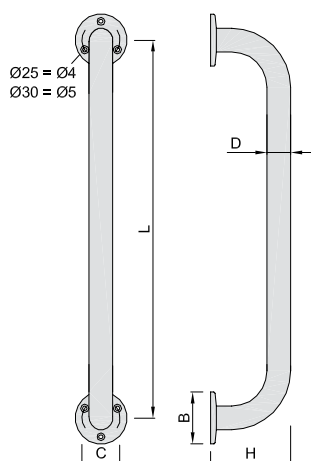
Manufacturing door pulls in intermediate  
lengths (dimension L) is possible. Overlengths  
on request.

**8529..**

GL	L	B	H
400	300	105	84
500	400	105	84

**Order example**

Piece	Part no.	Finish no.	GL
... Piece	<b>8529</b>	<b>.82</b>	400



### 8501..

D	L	B	C	H
Ø 25	300	55	40	85

### 8502..

Ø 25	400	55	40	85
------	-----	----	----	----

### 8503..

Ø 25	500	55	40	85
------	-----	----	----	----

### 8504..

Ø 25	600	55	40	85
------	-----	----	----	----

### 8505..

Ø 25	700	55	40	85
------	-----	----	----	----

### 8506..

Ø 25	800	55	40	85
------	-----	----	----	----

### 8507..

Ø 25	900	55	40	85
------	-----	----	----	----

### 8508..

Ø 25	1000	55	40	85
------	------	----	----	----

### 8511..

Ø 30	300	60*/65**	44*/47.5**	90
------	-----	----------	------------	----

### 8512..

Ø 30	400	60*/65**	44*/47.5**	90
------	-----	----------	------------	----

### 8513..

Ø 30	500	60*/65**	44*/47.5**	90
------	-----	----------	------------	----

### 8514..

Ø 30	600	60*/65**	44*/47.5**	90
------	-----	----------	------------	----

### 8515..

Ø 30	700	60*/65**	44*/47.5**	90
------	-----	----------	------------	----

### 8516..

Ø 30	800	60*/65**	44*/47.5**	90
------	-----	----------	------------	----

### 8517..

Ø 30	900	60*/65**	44*/47.5**	90
------	-----	----------	------------	----

### 8518..

Ø 30	1000	60*/65**	44*/47.5**	90
------	------	----------	------------	----

#### Standard design

##### steel

black enamelled	.03
coloured plastic-coated	.70

#### Aluminium machined according to E 4

##### not for 8501.. 8502.. 8503.. 8504.. 8505.. 8506..

8507.. 8508..	
KWS 1 silver anodised	.22
KWS 2 nickel silver anodised	.23
KWS 3 gold anodised	.24
KWS 4 light bronze anodised	.27
KWS 5 dark bronze anodised	.28
KWS 6 black anodised	.29

##### stainless steel

brushed	.82
polished	.83



Manufacturing door pulls in intermediate lengths (dimension L) is possible.

\*) aluminium (with bolted)  
rosettes)

\*\*) steel-stainless steel (with welded on  
rosettes)

#### Order example

Piece	Part no.	Finish no.	L
... Piece	8501	.03	300

**Standard design****Aluminium**

coloured plastic-coated	<b>.70</b>
-------------------------	------------

**Aluminium machined according to E 4**

KWS 1 silver anodised	<b>.22</b>
KWS 2 nickel silver anodised	<b>.23</b>
KWS 3 gold anodised	<b>.24</b>
KWS 4 light bronze anodised	<b>.27</b>
KWS 5 dark bronze anodised	<b>.28</b>
KWS 6 black anodised	<b>.29</b>

**Aluminium machined according to E 6**

KWS 1 silver anodised	<b>.41</b>
KWS 2 nickel silver anodised	<b>.42</b>
KWS 3 gold anodised	<b>.43</b>
KWS 4 light bronze anodised	<b>.46</b>
KWS 5 dark bronze anodised	<b>.47</b>
KWS 6 black anodised	<b>.48</b>

**8203..**

A	B
90	50

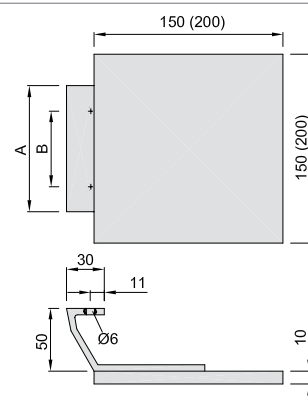
150 x 150 x 10 mm  
pad of aluminium

**8205..**

A	B
110	70

200 x 200 x 10 mm  
pad of aluminium

With support screwed on the  
back of aluminium.

**Standard design****Aluminium**

coloured plastic-coated	<b>.70</b>
-------------------------	------------

**Aluminium machined according to E 4**

KWS 1 silver anodised	<b>.22</b>
KWS 2 nickel silver anodised	<b>.23</b>
KWS 3 gold anodised	<b>.24</b>
KWS 4 light bronze anodised	<b>.27</b>
KWS 5 dark bronze anodised	<b>.28</b>
KWS 6 black anodised	<b>.29</b>

**Aluminium machined according to E 6**

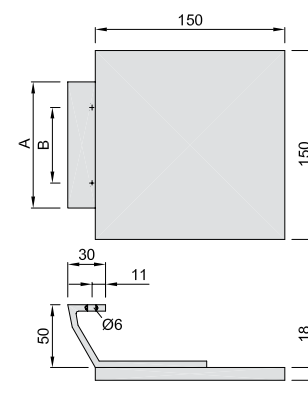
KWS 1 silver anodised	<b>.41</b>
KWS 2 nickel silver anodised	<b>.42</b>
KWS 3 gold anodised	<b>.43</b>
KWS 4 light bronze anodised	<b>.46</b>
KWS 5 dark bronze anodised	<b>.47</b>
KWS 6 black anodised	<b>.48</b>

**8210..**

A	B
90	50

150 x 150 x 18 mm pad of plastic,  
black, smooth

With support screwed on the  
back of aluminium.

**Order example**

Piece	Part no.	Finish no.
... Piece	<b>8203</b>	<b>.22</b>



## 8216..

A	B
90	50

150 x 150 x 18 mm  
pad of plastic, black, finely grained

With support screwed on the back of aluminium.

### Standard design

#### Aluminium

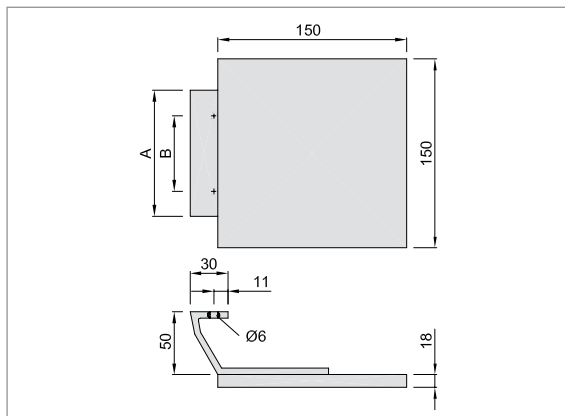
coloured plastic-coated	.70
-------------------------	-----

#### Aluminium machined according to E 4

KWS 1 silver anodised	.22
KWS 2 nickel silver anodised	.23
KWS 3 gold anodised	.24
KWS 4 light bronze anodised	.27
KWS 5 dark bronze anodised	.28
KWS 6 black anodised	.29

#### Aluminium machined according to E 6

KWS 1 silver anodised	.41
KWS 2 nickel silver anodised	.42
KWS 3 gold anodised	.43
KWS 4 light bronze anodised	.46
KWS 5 dark bronze anodised	.47
KWS 6 black anodised	.48



## 8219..

A	B
90	50

150 x 150 x 16 mm  
pad of plastic, black, relief

With support screwed on the back of aluminium.

### Standard design

#### Aluminium

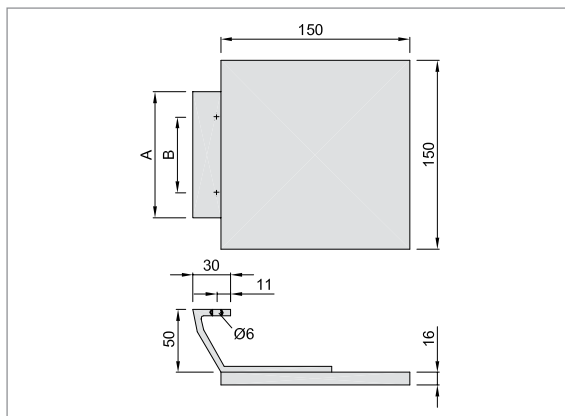
coloured plastic-coated	.70
-------------------------	-----

#### Aluminium machined according to E 4

KWS 1 silver anodised	.22
KWS 2 nickel silver anodised	.23
KWS 3 gold anodised	.24
KWS 4 light bronze anodised	.27
KWS 5 dark bronze anodised	.28
KWS 6 black anodised	.29

#### Aluminium machined according to E 6

KWS 1 silver anodised	.41
KWS 2 nickel silver anodised	.42
KWS 3 gold anodised	.43
KWS 4 light bronze anodised	.46
KWS 5 dark bronze anodised	.47
KWS 6 black anodised	.48



### Order example

Piece	Part no.	Finish no.
... Piece	8219	.22



**8352..**

L	D	B
800	200	160

**8353..**

900	200	160
-----	-----	-----

**8354..**

1000	200	160
------	-----	-----

**8355..**

1100	200	160
------	-----	-----

**8356..**

1200	200	160
------	-----	-----

**8312..**

L	D	B
800	100	60

**8313..**

900	100	60
-----	-----	----

**8314..**

1000	100	60
------	-----	----

**8315..**

1100	100	60
------	-----	----

**8316..**

1200	100	60
------	-----	----

**8322..**

800	120	80
-----	-----	----

**8323..**

900	120	80
-----	-----	----

**8324..**

1000	120	80
------	-----	----

**8325..**

1100	120	80
------	-----	----

**8326..**

1200	120	80
------	-----	----

**8332..**

800	150	110
-----	-----	-----

**8333..**

900	150	110
-----	-----	-----

**8334..**

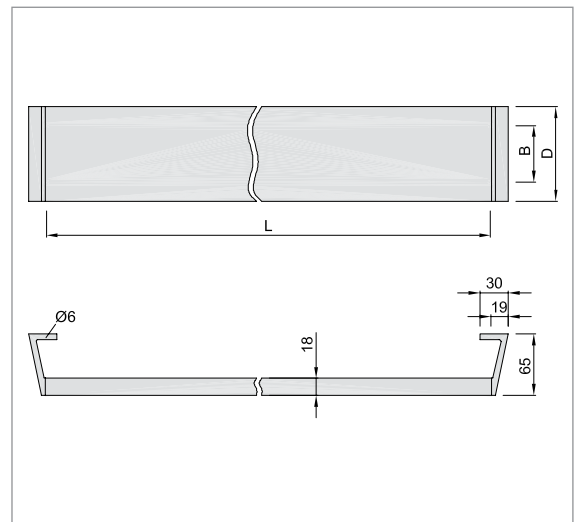
1000	150	110
------	-----	-----

**8335..**

1100	150	110
------	-----	-----

**8336..**

1200	150	110
------	-----	-----

**Standard design****Aluminium**

coloured plastic-coated	<b>.70</b>
-------------------------	------------

**Aluminium machined according to E 6**

KWS 1 silver anodised	<b>.41</b>
-----------------------	------------

KWS 2 nickel silver anodised	<b>.42</b>
------------------------------	------------

KWS 3 gold anodised	<b>.43</b>
---------------------	------------

KWS 4 light bronze anodised	<b>.46</b>
-----------------------------	------------

KWS 5 dark bronze anodised	<b>.47</b>
----------------------------	------------

KWS 6 black anodised	<b>.48</b>
----------------------	------------

Of aluminium rectangular tube including inserted end supports.

Manufacturing of door pulls in intermediate lengths (dimension L) is possible.

**Order example**

Piece	Part no.	Finish no.	L
... Piece	<b>8312</b>	<b>.41</b>	775



**8837..**

100 x 18 x 2 mm

**8847..**

120 x 18 x 2 mm

**8857..**

150 x 18 x 2 mm

**8877..**

200 x 18 x 2 mm

of aluminium rectangular tube  
in stock lengths of approx. 5000 mm

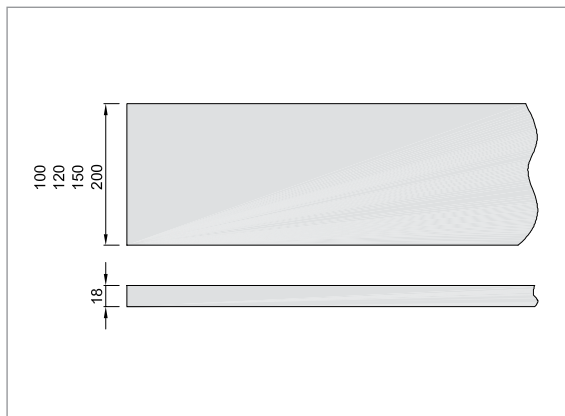
## Standard design

### Aluminium

crude, surface untreated	<b>.20</b>
--------------------------	------------

### Aluminium machined according to E 6

KWS 1 silver anodised	<b>.41</b>
KWS 5 dark bronze anodised	<b>.47</b>



**8835..**

end support for tube 100 x 18 mm

**8845..**

end support for tube 120 x 18 mm

**8855..**

end support for tube 150 x 18 mm

**8875..**

end support for tube 200 x 18 mm

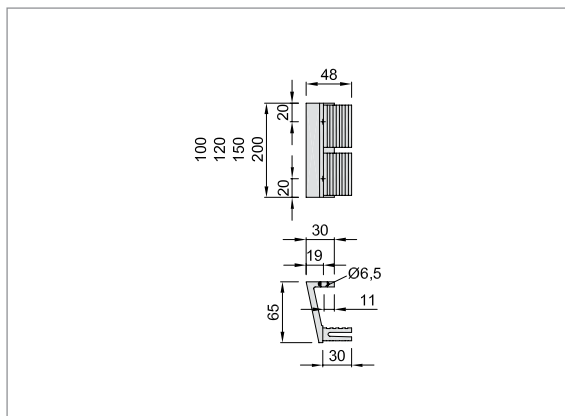
## Standard design

### Aluminium

crude, surface untreated	<b>.20</b>
--------------------------	------------

### Aluminium machined according to E 6

KWS 1 silver anodised	<b>.41</b>
KWS 5 dark bronze anodised	<b>.47</b>



## Order example

Piece	Part no.	Finish no.	L
... Piece	<b>8837</b>	<b>.41</b>	775

**Standard design****Aluminium**

crude, surface untreated	.20
--------------------------	-----

**Aluminium machined according to E 6**

KWS 1 silver anodised	.41
KWS 5 dark bronze anodised	.47

**8836..**

end support for tube 100 x 18 mm

**8846..**

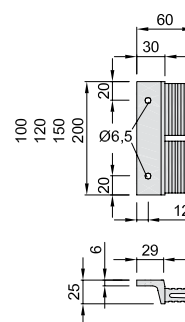
end support for tube 120 x 18 mm

**8856..**

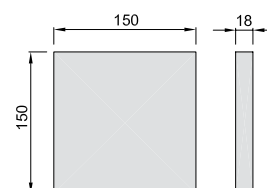
end support for tube 150 x 18 mm

**8876..**

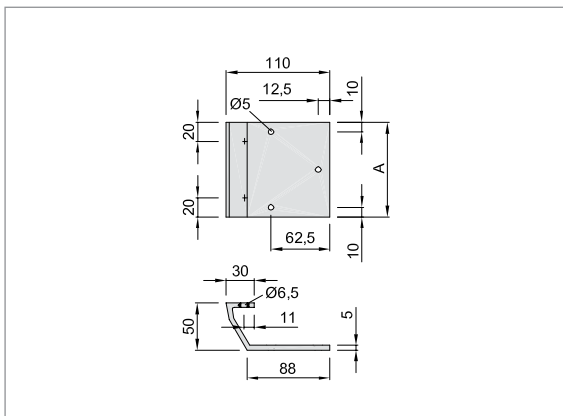
end support for tube 200 x 18 mm

**Standard design****plastic**

PVC	.95
-----	-----

**8881..**plastic pad, smooth  
150 x 150 x 18 mm**8885..**plastic pad, finely grained  
150 x 150 x 18 mm**8886..**plastic pad, relief  
150 x 150 x 18 mmpre-drilled for **8604..****Order example**

Piece	Part no.	Finish no.
... Piece	8836	.22



**8603..**

**A**

80

**8604..**

90

**8605..**

100

**8606..**

110

**8607..**

120

**8608..**

130

**8609..**

140

**8610..**

150

**8611..**

160

**8612..**

170

**8613..**

175

**8614..**

190

**8615..**

200

## Standard design

### Aluminium

coloured plastic-coated **.70**

### Aluminium machined according to E 4

KWS 1 silver anodised **.22**

KWS 2 nickel silver anodised **.23**

KWS 3 gold anodised **.24**

KWS 4 light bronze anodised **.27**

KWS 5 dark bronze anodised **.28**

KWS 6 black anodised **.29**

### Aluminium machined according to E 6

KWS 1 silver anodised **.41**

KWS 2 nickel silver anodised **.42**

KWS 3 gold anodised **.43**

KWS 4 light bronze anodised **.46**

KWS 5 dark bronze anodised **.47**

KWS 6 black anodised **.48**

## Order example

Piece	Part no.	Finish no.
... Piece	<b>8603</b>	<b>.22</b>

**Standard design****Aluminium**coloured plastic-coated **.70****Aluminium machined according to E 4**KWS 1 silver anodised **.22**KWS 2 nickel silver anodised **.23**KWS 3 gold anodised **.24**KWS 4 light bronze anodised **.27**KWS 5 dark bronze anodised **.28**KWS 6 black anodised **.29****Aluminium machined according to E 6**KWS 1 silver anodised **.41**KWS 2 nickel silver anodised **.42**KWS 3 gold anodised **.43**KWS 4 light bronze anodised **.46**KWS 5 dark bronze anodised **.47**KWS 6 black anodised **.48****8633..****A**

80

**8634..**

90

**8635..**

100

**8636..**

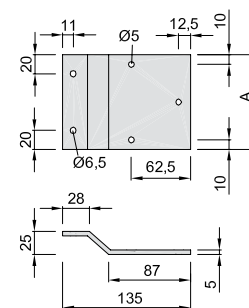
110

**8637..**

120

**8640..**

150

**Order example**

Piece	Part no.	Finish no.
... Piece	<b>8633</b>	<b>.22</b>

### The Idea:

The KWS modular system for door pulls, handrails and other applications is available in diameters of 30, 35 and 40 mm. The supports are also manufactured in inch sizes for processing inch-sized tubes provided by the customer. The tubes are available in lengths of 2000 and 3000 mm, as standard, as well as cut to size. A comprehensive range of supports, mounting materials, joint-mitres, and decorative ends enables custom-made solutions. The system supports are designed for visible mounting systems (series WS = angle brackets), but also concealed mounting systems (series RS = round supports). Supports and tubes are joined by a well-tried clamping system. The supports hide the tube ends; thus incorrect cuts can be compensated by up to 5 mm without the cut edges becoming visible. The range has been complemented by the square-edged door pull system KS-30 which also incorporates the time-tested benefits of the KWS modular system (Page 52-55).



## Assembly

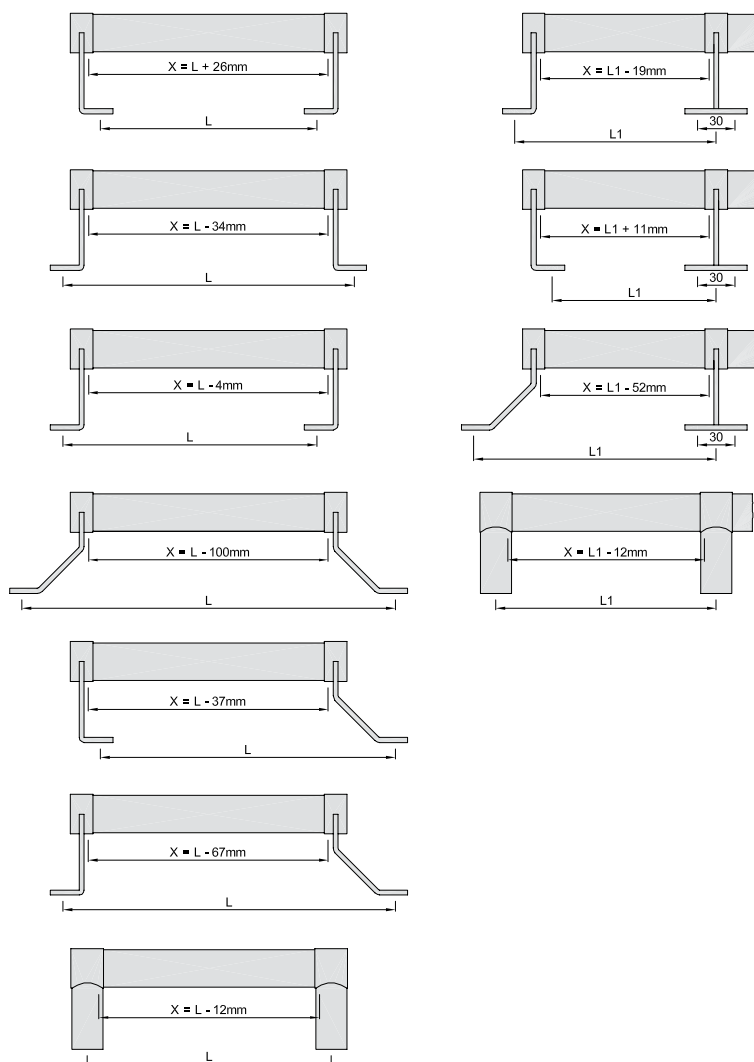
Tubes and supports are simply put together and then by tightening the clamp screw (in the head of the support) firmly joined. The tube length to be cut (X) does not correlate with the distance spacing of the bore holes (L). The tubes have to be sawn according to the following plan: In the case of DIY construction it should be ensured that for stability reasons the following maximum dimensions are not exceeded:

**Maximum dimension L without mid-point support:**

**Ø 30 mm 1600 mm**

**Ø 35 mm 2000 mm**

**Ø 40 mm 2200 mm**





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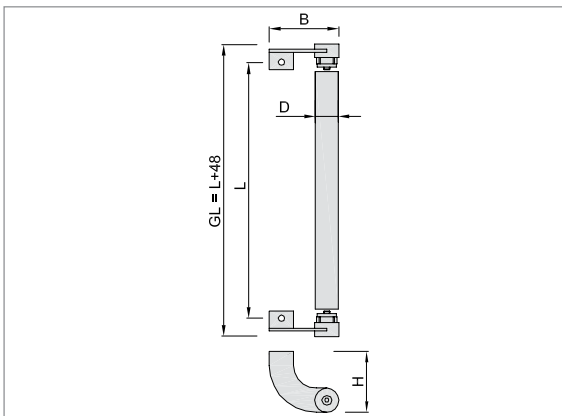
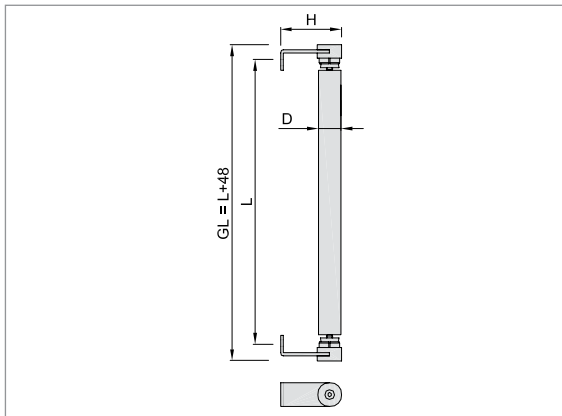
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### 8011..

D	L	H
Ø 30 x 1,5 tube	up to 1600	81

### 8381..

Ø 35 x 1,5 tube	up to 2000	84
-----------------	------------	----

### 8161..

Ø 40 x 2,0 tube	up to 2200	92
-----------------	------------	----

with 2 straight end supports  
series WS

Manufacturing door pulls in intermediate lengths (dimension L) is possible, overlengths on request.

#### Note for overlengths

These door pulls are also available with mid-point support or a reinforcing strip (**for Ø 35 mm**).

#### Standard design

stainless steel

brushed	.82
---------	-----



### 8012..

D	L	H
Ø 30 x 1,5 tube	up to 1600	81

### 8382..

Ø 35 x 1,5 tube	up to 2000	84
-----------------	------------	----

### 8162..

Ø 40 x 2,0 tube	up to 2200	92
-----------------	------------	----

with 2 offset end supports  
series WS

Manufacturing door pulls in intermediate lengths (dimension L) is possible, overlengths on request.

#### Note for overlengths

These door pulls are also available with mid-point support or a reinforcing strip (**for Ø 35 mm**).

#### Standard design

stainless steel

brushed	.82
---------	-----



#### Order example

Piece	Part no.	Finish no.	L
... Piece	8011	.82	1000

**Standard design**

stainless steel

brushed .82



**8711..**

D	S	H
Ø 30 x 1,5 tube	32	81

**8032..**

Ø 33.7 x 2,0 tube (1")	32	84
------------------------	----	----

**8391..**

Ø 35 x 1,5 tube	32	84
-----------------	----	----

**8301..**

Ø 40 x 2,0 tube	42	92
-----------------	----	----

**8033..**

Ø 42.4 x 2,0 tube (1.25")	42	92
---------------------------	----	----

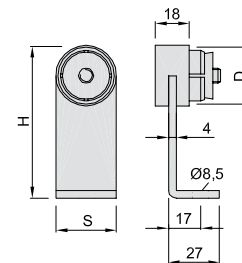
**8H91..**

Ø 35 wood	32	84
-----------	----	----

**8H01..**

Ø 40 wood	42	92
-----------	----	----

Straight end support series WS for visible fixing, of stainless steel. Clamping element of aluminium.



**Standard design**

stainless steel

brushed .82



**8712..**

D	B	S	H
Ø 30 x 1,5 tube	92	32	81

**8035..**

Ø 33.7 x 2,0 tube (1")	94	32	84
------------------------	----	----	----

**8392..**

Ø 35 x 1,5 tube	94	32	84
-----------------	----	----	----

**8302..**

Ø 40 x 2,0 tube	113	42	92
-----------------	-----	----	----

**8036..**

Ø 42.4 x 2,0 tube (1.25")	113	42	92
---------------------------	-----	----	----

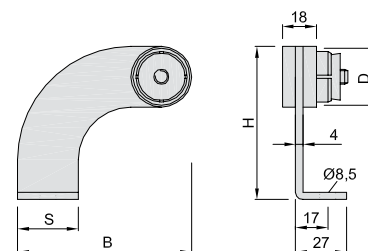
**8H92..**

Ø 35 wood	94	32	84
-----------	----	----	----

**8H02..**

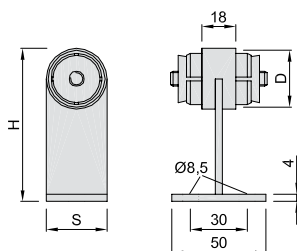
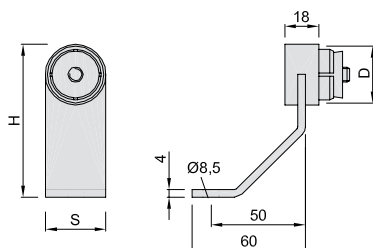
Ø 40 wood	113	42	92
-----------	-----	----	----

Offset end support series WS for visible fixing, of stainless steel. Clamping element of aluminium. Fig. depicts DIN left. Indication of DIN right or left required.



**Order example**

Piece	Part no.	Finish no.	right/left
... Piece	8712	.82	R



### 8716..

D	S	H
Ø 30 x 1,5 tube	32	81

### 8044..

Ø 33.7 x 2,0 tube (1")	32	84
------------------------	----	----

### 8396..

Ø 35 x 1,5 tube	32	84
-----------------	----	----

### 8306..

Ø 40 x 2,0 tube	42	92
-----------------	----	----

### 8045..

Ø 42.4 x 2,0 tube (1.25")	42	92
---------------------------	----	----

### 8H96..

Ø 35 wood	32	84
-----------	----	----

### 8H06..

Ø 40 wood	42	92
-----------	----	----

Angular end support series WS for double action doors, for visible fixing, of stainless steel. Clamping element of aluminium.

#### Standard design

##### stainless steel

brushed	.82
---------	-----



### 8713..

D	S	H
Ø 30 x 1,5 tube	32	81

### 8038..

Ø 33.7 x 2,0 tube (1")	32	84
------------------------	----	----

### 8393..

Ø 35 x 1,5 tube	32	84
-----------------	----	----

### 8303..

Ø 40 x 2,0 tube	42	92
-----------------	----	----

### 8039..

Ø 42.4 x 2,0 tube (1.25")	42	92
---------------------------	----	----

### 8H93..

Ø 35 wood	32	84
-----------	----	----

### 8H03..

Ø 40 wood	42	92
-----------	----	----

Straight mid-point support series WS for visible fixing, of stainless steel. Clamping element of aluminium.

#### Standard design

##### stainless steel

brushed	.82
---------	-----



#### Order example

Piece	Part no.	Finish no.
... Piece	8716	.82

**Standard design**

stainless steel

brushed .82



**8714..**

D	B	S	H
Ø 30 x 1,5 tube	92	32	81

**8041..**

Ø 33.7 x 2,0 tube (1")	94	32	84
------------------------	----	----	----

**8394..**

Ø 35 x 1,5 tube	94	32	84
-----------------	----	----	----

**8304..**

Ø 40 x 2,0 tube	113	42	92
-----------------	-----	----	----

**8042..**

Ø 42.4 x 2,0 tube (1.25")	113	42	92
---------------------------	-----	----	----

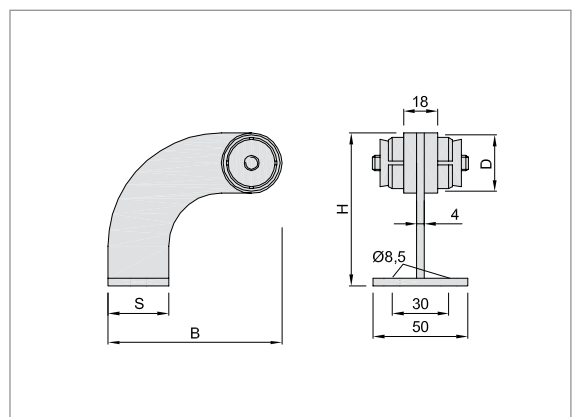
**8H94..**

Ø 35 wood	94	32	84
-----------	----	----	----

**8H04..**

Ø 40 wood	113	42	92
-----------	-----	----	----

Offset mid-point support series WS for visible fixing, of stainless steel. Clamping element of aluminium.



**Standard design**

stainless steel

brushed .82



**8710..**

D	B	H	S
Ø 30 x 1,5 tube	93	81	32

**8307..**

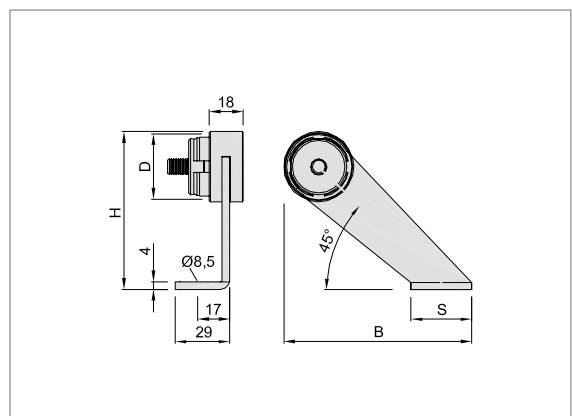
Ø 35 x 1,5 tube	96	84	32
-----------------	----	----	----

**8H07..**

Ø 35 wood	96	84	32
-----------	----	----	----

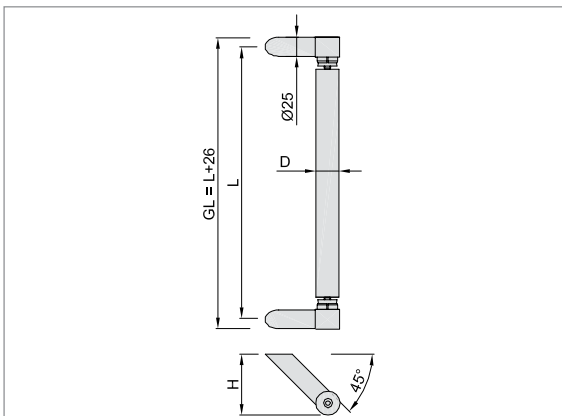
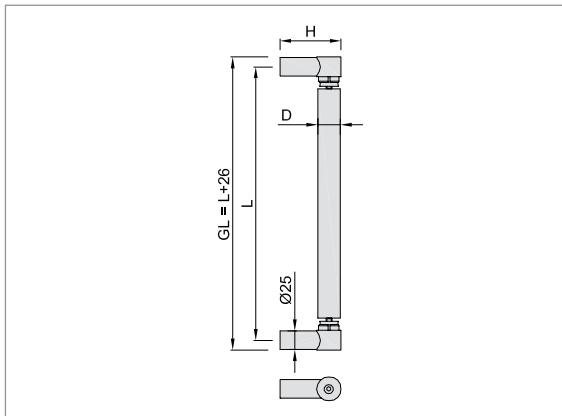
45° slanting end support series WS for visible fixing, of stainless steel. Clamping element of aluminium.

Fig. depicts DIN left. Indication of DIN right or left required.



**Order example**

Piece	Part no.	Finish no.	right/left
... Piece	8710	.82	L



### 8021..

D	L	H
Ø 30 x 1,5 tube	up to 1600	80

### 8023..

Ø 35 x 1,5 tube	up to 2000	85
-----------------	------------	----

### 8025..

Ø 40 x 2,0 tube	up to 2200	90
-----------------	------------	----

with 2 straight end supports  
series RS

Manufacturing door pulls in intermediate lengths (dimension L) is possible, overlengths on request.

#### Note for overlengths

These door pulls are also available with mid-point support or a reinforcing strip (**for Ø 35 mm**).

#### Standard design

stainless steel

brushed	.82
---------	-----



### 8022..

D	L	H
Ø 30 x 1,5 tube	up to 1600	91

### 8024..

Ø 35 x 1,5 tube	up to 2000	96
-----------------	------------	----

### 8026..

Ø 40 x 2,0 tube	up to 2200	101
-----------------	------------	-----

With 2 slanting end supports  
series RS

Manufacturing door pulls in intermediate lengths (dimension L) is possible, overlengths on request.

#### Note for overlengths

These door pulls are also available with mid-point support or a reinforcing strip (**for Ø 35 mm**).

#### Standard design

stainless steel

brushed	.82
---------	-----



#### Order example

Piece	Part no.	Finish no.	L
... Piece	8021	.82	1000

**Standard design**

stainless steel

brushed .82



**8715..**

D	H
Ø 30 x 1,5 tube	82

**8047..**

Ø 33.7 x 2,0 tube (1")	86
------------------------	----

**8361..**

Ø 35 x 1,5 tube	87
-----------------	----

**8317..**

Ø 40 x 2,0 tube	92
-----------------	----

**8048..**

Ø 42.4 x 2,0 tube (1.25")	95
---------------------------	----

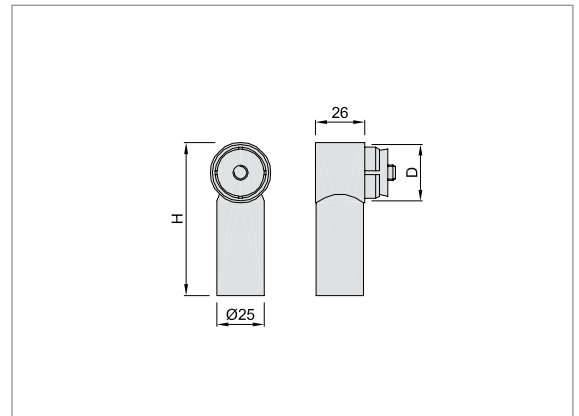
**8H61..**

Ø 35 wood	87
-----------	----

**8H17..**

Ø 40 wood	92
-----------	----

Straight end support series RS for concealed fixing, of stainless steel. Clamping element of aluminium.



**Standard design**

stainless steel

brushed .82



**8717..**

D	B	H
Ø 30 x 1,5 tube	109	91

**8049..**

Ø 33.7 x 2,0 tube (1")	111	93
------------------------	-----	----

**8362..**

Ø 35 x 1,5 tube	112	96
-----------------	-----	----

**8318..**

Ø 40 x 2,0 tube	114	101
-----------------	-----	-----

**8050..**

Ø 42.4 x 2,0 tube (1.25")	116	103
---------------------------	-----	-----

**8H62..**

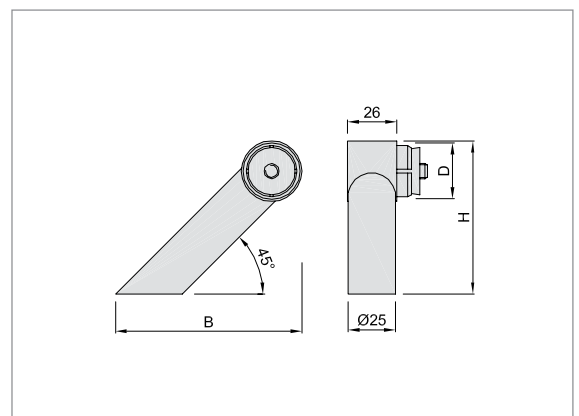
Ø 35 wood	112	96
-----------	-----	----

**8H18..**

Ø 40 wood	114	101
-----------	-----	-----

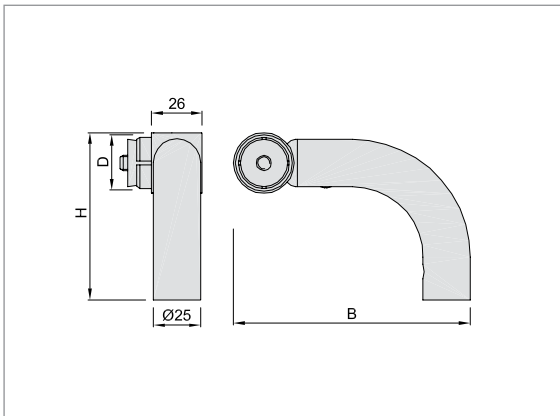
45° slanting end support series RS for concealed fixing, of stainless steel. Clamping element of aluminium.

Fig. depicts DIN left. Indication of DIN right or left required.



**Order example**

Piece	Part no.	Finish no.	right/left
... Piece	8717	.82	L



### 8305..

D	B	H
Ø 30 x 1,5 tube	123	88,5

### 8309..

Ø 35 x 1,5 tube	128	91
-----------------	-----	----

### 8310..

Ø 40 x 2,0 tube	133	93,5
-----------------	-----	------

### 8H09..

Ø 35 wood	128	91
-----------	-----	----

### 8H10..

Ø 40 wood	133	93,5
-----------	-----	------

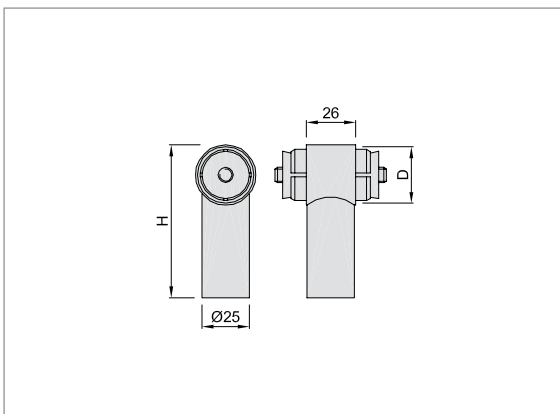
90° curved end support series RS for concealed fixing, of stainless steel. Clamping element of aluminium.

Fig. depicts DIN left. Indication of DIN right or left required.

#### Standard design

stainless steel

brushed .82



### 8718..

D	H
Ø 30 x 1,5 tube	82

### 8051..

Ø 33.7 x 2,0 tube (1")	86
------------------------	----

### 8363..

Ø 35 x 1,5 tube	87
-----------------	----

### 8319..

Ø 40 x 2,0 tube	92
-----------------	----

### 8052..

Ø 42.4 x 2,0 tube (1.25")	95
---------------------------	----

### 8H63..

Ø 35 wood	87
-----------	----

### 8H19..

Ø 40 wood	92
-----------	----

Straight mid-point support series RS for concealed fixing, of stainless steel. Clamping element of aluminium.

#### Standard design

stainless steel

brushed .82



#### Order example

Piece	Part no.	Finish no.	right/left
... Piece	8305	.82	L



**Standard design**

stainless steel

brushed .82



**8719..**

D	B	H
Ø 30 x 1,5 tube	109	91

**8053..**

Ø 33.7 x 2,0 tube (1")	111	93
------------------------	-----	----

**8364..**

Ø 35 x 1,5 tube	112	96
-----------------	-----	----

**8320..**

Ø 40 x 2,0 tube	114	101
-----------------	-----	-----

**8054..**

Ø 42.4 x 2,0 tube (1.25")	116	103
---------------------------	-----	-----

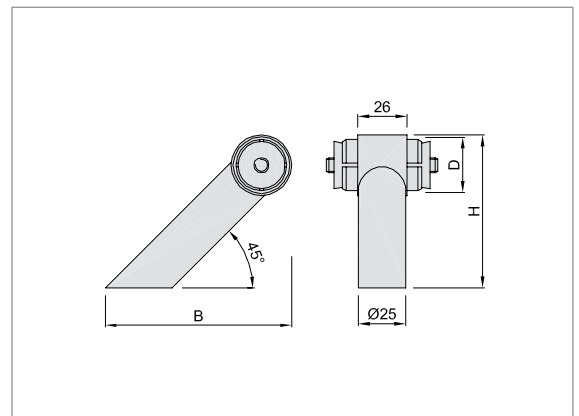
**8H64..**

Ø 35 wood	112	96
-----------	-----	----

**8H20..**

Ø 40 wood	114	101
-----------	-----	-----

45° slanting mid-point support series RS for concealed fixing, of stainless steel. Clamping element of aluminium.



**Standard design**

stainless steel

brushed .82



**8340..**

D	B	H
Ø 30 x 1,5 tube	123	88,5

**8341..**

Ø 35 x 1,5 tube	128	91
-----------------	-----	----

**8342..**

Ø 40 x 2,0 tube	133	93,5
-----------------	-----	------

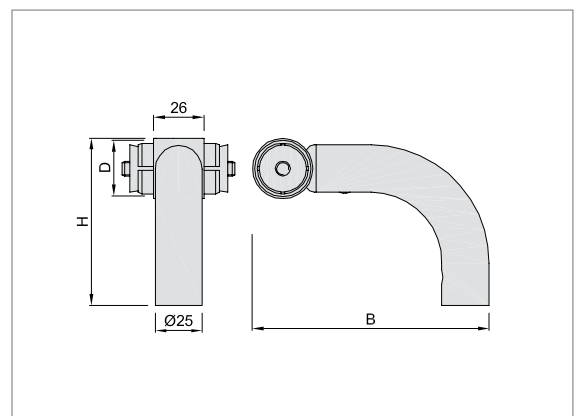
**8H41..**

Ø 35 wood	128	91
-----------	-----	----

**8H42..**

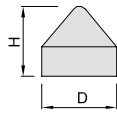
Ø 40 wood	133	93,5
-----------	-----	------

90° curved end support series RS for concealed fixing, of stainless steel. Clamping element of aluminium.



**Order example**

Piece	Part no.	Finish no.
... Piece	8719	.82



### 8800..

D	H
Ø 30	28

### 8801..

Ø 35	31
------	----

### 8802..

Ø 40	33
------	----

#### Standard design

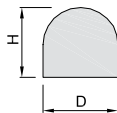
stainless steel

brushed

.82



Decorative cone cap  
for screwing on end supports series RS and  
WS including fixing material (including grub  
screw and counter nut)



### 8803..

D	H
Ø 30	28

### 8804..

Ø 35	31
------	----

### 8805..

Ø 40	33
------	----

#### Standard design

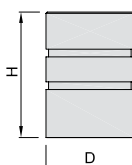
stainless steel

brushed

.82



Decorative round head cap  
for screwing on end supports series RS and  
WS including fixing material (including grub  
screw and counter nut)



### 8890..

D	H
Ø 30	50

### 8891..

Ø 35	50
------	----

### 8892..

Ø 40	50
------	----

#### Standard design

stainless steel

brushed

.82



Decorative end cylinder cap  
with 2 grooves, for screwing on end supports  
series RS and WS including fixing material  
(including grub screw and counter nut)

#### Order example

Piece	Part no.	Finish no.
... Piece	8800	.82

**Standard design**

**stainless steel**

brushed **.82**



Decorative tube cap  
90 mm closed on one side, for mounting only  
with mid-point supports series RS and WS

**8893..**

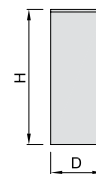
D	H
Ø 30	90

**8894..**

Ø 35	90
------	----

**8895..**

Ø 40	90
------	----



**Standard design**

**stainless steel**

brushed **.82**



mitred bracket for T and cross joints  
(incl. riveting nut)

**81G2..**

Holding fixture	Bearing
Ø 25 x 1,5	Ø 30 x 1,5

**81G3..**

Ø 25 x 1,5	Ø 35 x 1,5
------------	------------

**82G2..**

Ø 30 x 1,5	Ø 30 x 1,5
------------	------------

**82G3..**

Ø 30 x 1,5	Ø 35 x 1,5
------------	------------

**82G4..**

Ø 30 x 1,5	Ø 40 x 2,0
------------	------------

**83G3..**

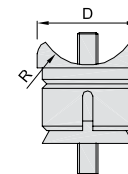
Ø 35 x 1,5	Ø 35 x 1,5
------------	------------

**83G4..**

Ø 35 x 1,5	Ø 40 x 2,0
------------	------------

**84G4..**

Ø 40 x 2,0	Ø 40 x 2,0
------------	------------



**Standard design**

**stainless steel**

**only for 8808.. 8399.. 8308..**

brushed (length 2000 mm, 3000 mm,  
cut to size) **.82**

**beechwood**

**only for 8329.. 8330..**

beech wood  
(length 2400 mm or cut to size) **.98**



**8808..**

Ø 30 x 1.5 mm tube

**8399..**

Ø 35 x 1.5 mm tube

**8308..**

Ø 40 x 2.0 mm tube

**8329..**

Ø 35 mm beechwood

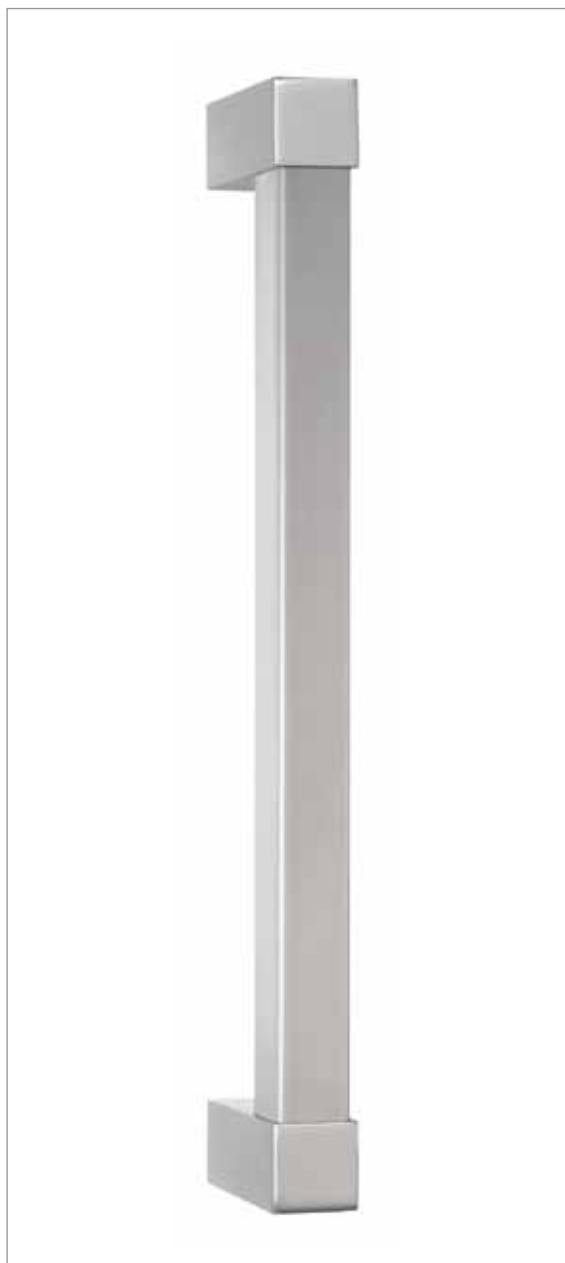
**8330..**

Ø 40 mm beechwood



**Order example**

Piece	Part no.	Finish no.
... Piece	<b>8893</b>	<b>.82</b>



**8028..**

**L**

200 - 2200

**Standard design**

**stainless steel**

brushed

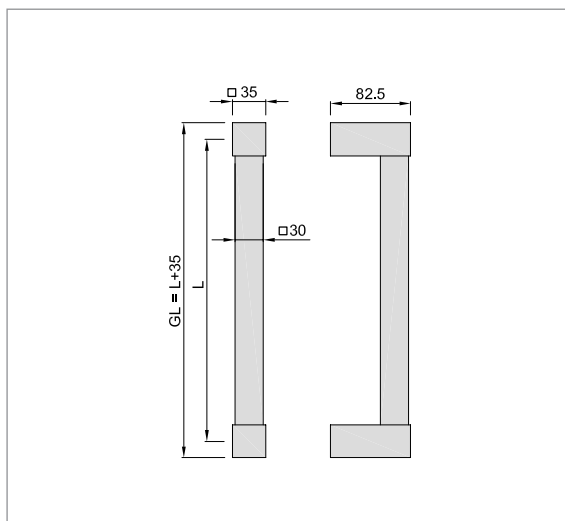
**.82**



Grab bar of stainless steel,  
30 x 30 x 2 mm, brushed.

supports of aluminium, stainless steel effect  
anodised

Manufacturing of door pulls in intermediate  
lengths (dimension L) is possible.



**Order example**

Piece	Part no.	Finish no.	L
... Piece	<b>8028</b>	<b>.82</b>	300

**Standard design**

**stainless steel**

brushed **.82**



Grab bar of stainless steel,  
30 x 30 x 2 mm, brushed.

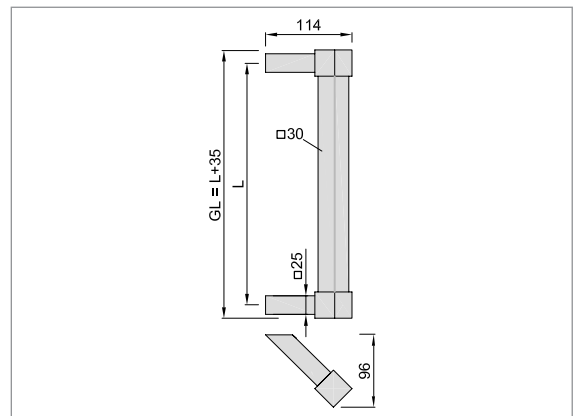
supports of aluminium, stainless steel effect  
anodised

Manufacturing of door pulls in intermediate  
lengths (dimension L) is possible.

**8029..**

**L**

200 - 2200



**Standard design**

**stainless steel**

brushed **.82**



Grab bar of stainless steel,  
30 x 30 x 2 mm, brushed.

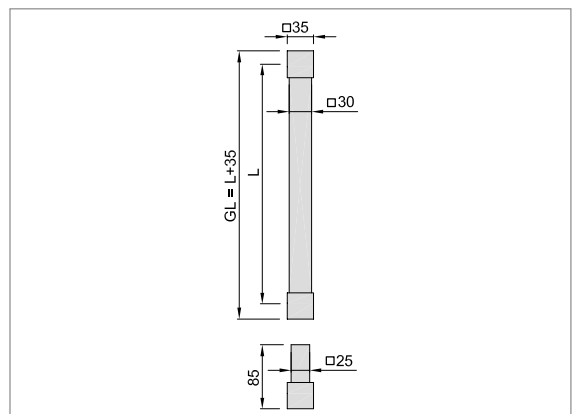
supports of aluminium, stainless steel effect  
anodised

Manufacturing of door pulls in intermediate  
lengths (dimension L) is possible.

**8030..**

**L**

200 - 2200



**Order example**

Piece	Part no.	Finish no.	L
... Piece	<b>8029</b>	<b>.82</b>	300



## 8702..

for 30 x 30 x 2 mm tube

Straight end support series KS-30  
for concealed fixing

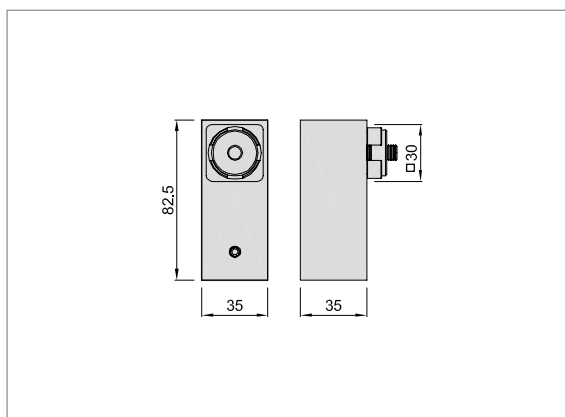
of aluminium, stainless steel effect  
anodised

### Standard design

**Aluminium machined according to E 5**

brushed stainless steel effect anodised

**.35**



## 8704..

for 30 x 30 x 2 mm tube

Straight end support series KS-30  
for concealed fixing

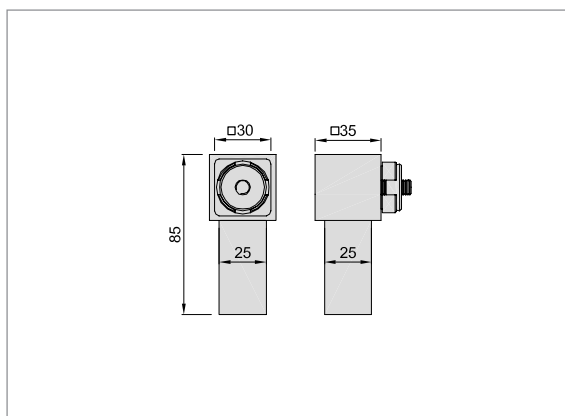
of aluminium, stainless steel effect  
anodised

### Standard design

**Aluminium machined according to E 5**

brushed stainless steel effect anodised

**.35**



### Order example

Piece	Part no.	Finish no.
... Piece	<b>8702</b>	<b>.82</b>

Standard design

Aluminium machined according to E 5

brushed stainless steel effect anodised .35

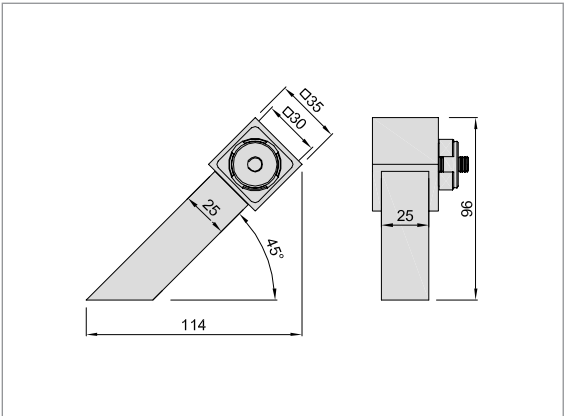
8703..

for 30 x 30 x 2 mm tube

45° slanting end support series KS-30 for concealed fixing

of aluminium, stainless steel effect anodised

Fig. depicts DIN left. Indication of DIN right or left required.



Standard design

stainless steel

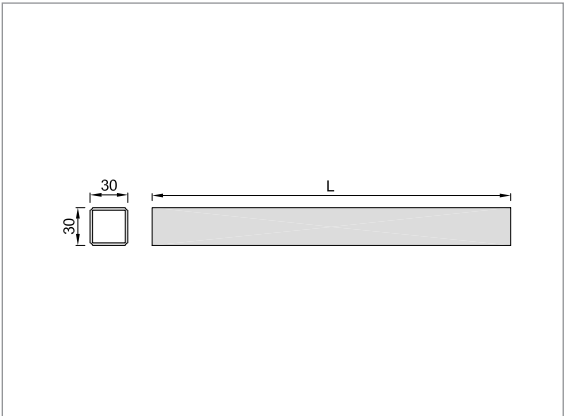
brushed .82



8520..

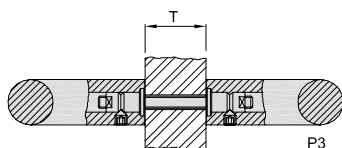
30 x 30 x 2 mm tube

cut lengths up to 2200 mm or as stock lengths of 2500 mm



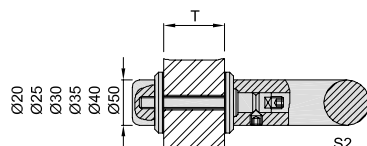
Order example

Piece	Part no.	Finish no.	L
... Piece	8520	.82	300



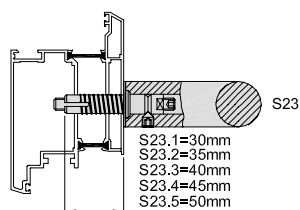
## Back-to-back fixing

For paired (both-sided) fixing of door pulls.



## Single fixing

For single (one-sided) fixing of door pulls.  
Through-bolted (with pinch screw rosette)



For single (one-sided) fixing of door pulls.  
Concealed fixing (with plug)

### Single fixing

Fixing	S 1	S 2	S 3	S 4	S 8	S 21	S 23	S 24	S 29
female part (LT)	•	•	•	•	•		•		•
angle bracket (WS)						•		•	

### Back-to-back fixing

Fixing	P 3	P 4	P 10
LT/LT pair	•	•	
angle bracket pair			•

### Diameter

Door pull Ø	Fixing	Example
20 mm	M6	8A03
25, 30, 35, 40, 50 mm	M8	8B03

### Material

Door pull	Fixing	Example
stainless steel	stainless steel	.80 / .82
brass	stainless steel	.80 / .61 / .65
Aluminium	steel electro-galvanised	.06 / .22

KWS offers a wide range of fixing systems which is presented on the following pages. The fixing system types can be classified with regard to the door pull types according to the following plan.

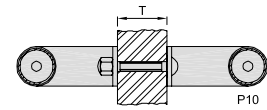
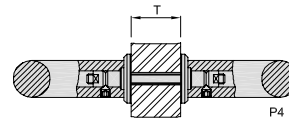
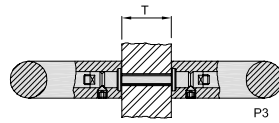
We distinguish:

- female part (with grub screw)
- angle bracket (e. g. modular system)

Note:

The finish of a fixing system matches the door pull material in case of visible fixing parts (rosettes).



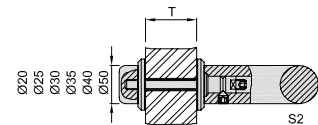
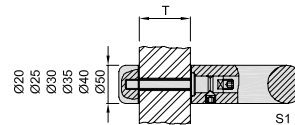
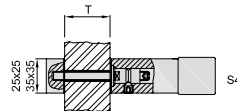


Back-to-back

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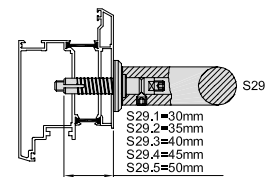
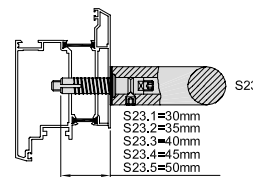
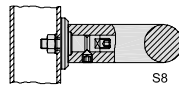
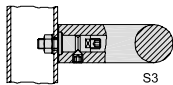


Single fixing

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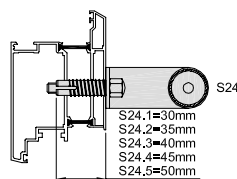
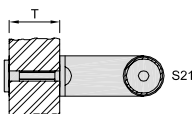


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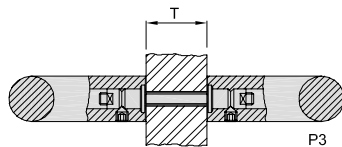
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## 8A03

P 3 - M 6  
for Ø 20 mm door pull

## 8B03

P 3 - M 8  
for Ø 25, 30, 35, 40 and 50 mm  
Door pull/support



### Standard design for door pulls of

#### Aluminium

steel electro-galvanised	.06
--------------------------	-----

#### brass

stainless steel natural finish	.80
--------------------------------	-----

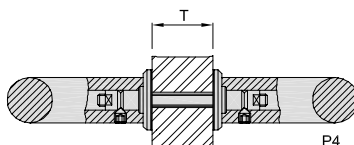
#### stainless steel

stainless steel natural finish	.80
--------------------------------	-----

Pair fixing for two female parts (LT)

### Mounting

Put the grub screws with one clamp piece each and a clamping nut through the door. Put on clamp pieces and clamping nuts on the other side and screw lightly with two spanners (SW 11). Then put on the female parts on both sides and tighten the clamping screws on the side with a pin spanner (SW 4).



## 8A04..

P 4 - M 6  
for Ø 20 mm door pull

## 8B04..

P 4 - M 8  
for Ø 25, 30, 35, 40 and 50 mm  
Door pull/support



### Standard design for door pulls of

#### Aluminium

inner parts steel electro-galvanised and rosettes:	.22 (.23) .24, .27 - .28 - .70
--	--------------------------------

#### brass

inner parts stainless steel and rosettes:	.61, .65
---	----------

#### stainless steel

inner parts stainless steel and rosettes:	.82, .83
---	----------

Back-to-back fixing with rosettes specially for wood and glass doors for two female parts (LT)

### Mounting

Put the grub screws with the rosettes with one clamp piece each and a clamping nut through the door and put on rosettes. Clamp pieces and clamping nuts on the other side and screw lightly with two spanners (SW 11). Then put on the female parts on both sides and tighten the clamping screws on the side with a pin spanner (SW 4).

**Bore holes in all glass doors: 15 - 18 mm**

### Order example

Set	Part no.	Finish no.	Fixing type	Door thickness
... Set	8A03	.06	P 3	40

### Standard design

#### stainless steel

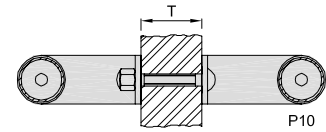
brushed .82

### Mounting

Stick grub screw through the door. Then mount the door pull and screw on the cup nut and tighten with a spanner (SW 13).

### 8A10..

P 10 - M 6  
pair fixing specially for door pulls from modular system series WS



### Standard design

#### Aluminium machined according to E 5

brushed stainless steel effect anodised .35

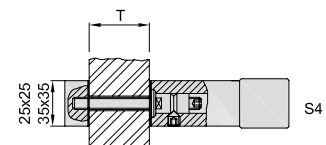
Single fixing for female part (LT)

### Mounting

Screw in the grub screws into the counter screw rosette, put through the door, put on clamp pieces and clamping nuts and screw lightly with a spanner (SW 11). Then put on the female part and tighten the clamping screws on the side with a pin spanner (SW 4).

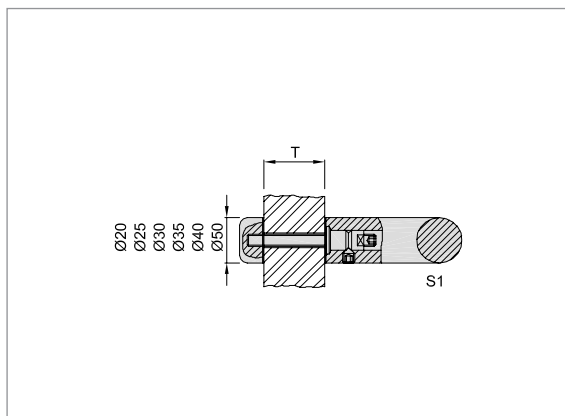
### 8B54..

S 4 - M 8  
for door pulls with square support  
25 x 25 mm or 35 x 35 mm



### Order example

Set	Part no.	Finish no.	Fixing type	Door thickness
... Set	8A10..	.82	P 10	40



## 8A51..

S 1 - M 6  
for Ø 20 mm door pull

## 8B51..

S 1 - M 8  
for Ø 25, 30, 35, 40 and 50 mm  
Door pull/support



### Standard design for door pulls of

#### Aluminium

inner parts steel electro-galvanised and rosettes: **.22, .23, .24, .27, .28, .29, .70**

#### brass

inner parts stainless steel and rosettes: **.61, .65**

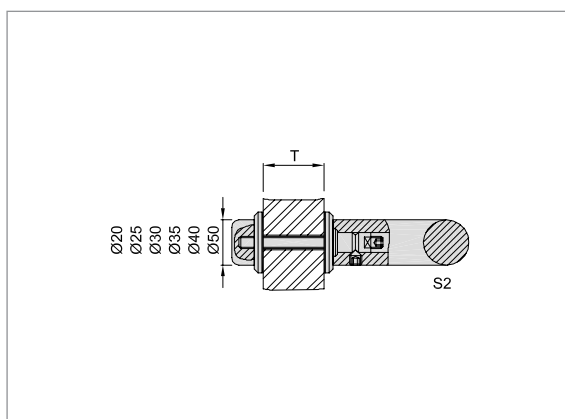
#### stainless steel

inner parts stainless steel and rosettes: **.82, .83**

Single fixing for female part (LT)

### Mounting

Screw the grub screws into the counter screw rosette, put through the door, put on clamp pieces and clamping nuts and screw lightly with a spanner (SW 11). Then put on the female part and tighten the clamping screw on the side with a pin spanner (SW 4).



## 8A52..

S 2 - M 6  
for Ø 20 mm door pull

## 8B52..

S 2 - M 8  
for Ø 25, 30, 35, 40 and 50 mm  
Door handle/support



### Standard design for door pulls of

#### Aluminium

inner parts steel electro-galvanised and rosettes: **.22, .23, .24, .27, .28, .29, .70**

#### brass

inner parts stainless steel and rosettes: **.61, .65**

#### stainless steel

inner parts stainless steel and rosettes: **.82, .83**

Single fixing with rosettes specially for wood and glass doors for female part (LT)

### Mounting

Mounting like fixing S 1 (see p. 57) using rosettes in addition.

**Bore holes in all glass doors: 15 - 18 mm**

### Order example

Set	Part no.	Finish no.	Fixing type	Door thickness
... Set	<b>8A51..</b>	<b>.22</b>	S 1	40

**Standard design for door pulls of****Aluminium**

steel electro-galvanised .06

**brass**

stainless steel natural finish .80

**stainless steel**

stainless steel natural finish .80

Single fixing on steel or aluminium profiles (if it is possible to insert hexagonal nuts through side opening in the door profile), for female part (LT).

**Mounting**

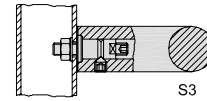
Insert the grub screws with clamp pieces and clamping nuts and screw on washers and hexagonal nuts (not scope of supply) through lateral holes and screw lightly with spanner (SW 11) and (SW 13). Then put on the female part and tighten the clamping screw on the side with a pin spanner (SW 4).

**8A53..**

S 3 - M 6  
for Ø 20 mm door pull

**8B53..**

S 3 - M 8  
for Ø 25, 30, 35, 40 and 50 mm  
Door pull/support

**Standard design for door pulls of****Aluminium**

inner parts steel electro-galvanised .22, .23, .24, .27,  
and rosettes: .28, .29, .70

**brass**

inner parts stainless steel  
and rosettes: .61, .65

**stainless steel**

inner parts stainless steel  
and rosettes: .82, .83

Single fixing with rosettes on steel or aluminium profiles (if it is possible to insert hexagonal nuts through lateral opening in the door profile), for female part (LT).

**Mounting**

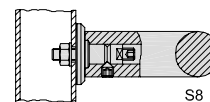
Insert the grub screws with rosettes, clamp pieces and clamping nuts in the door profile and screw on washers and hexagonal nuts (not scope of supply) through lateral holes and screw lightly with spanner (SW 11) and (SW 13). Then put on the female part and tighten the clamping screw on the side with a pin spanner (SW 4).

**8A58..**

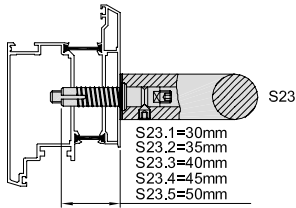
S 8 - M 6  
for Ø 20 mm door pull

**8B58..**

S 8 - M 8  
for Ø 25, 30, 35, 40 and 50 mm  
Door handle/support

**Order example**

Set	Part no.	Finish no.	Fixing type	Door thickness
... Set	8A53..	.80	S 3	40



## 8A73..

S 23 - M 6  
for Ø 20 door pull

## 8B73..

S 23 - M 8  
for Ø 25, 30, 35, 40 and 50 mm  
Door pull/support

Piece fixing with self-tapping sleeve, on aluminium and plastic profiles with insulation chamber, as well as solid wood doors for female part (LT).



### Standard design

#### steel

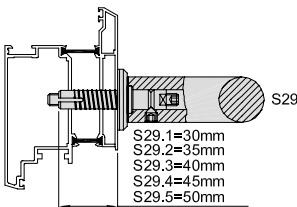
electro-galvanised	.06
--------------------	-----

#### stainless steel

natural finish	.80
----------------	-----

### Mounting

Bore holes: M6 = Ø10 mm, M8 = Ø12 mm, bore on one side through the pre-chamber into the main chamber, solid wood doors 5 mm deeper than the respective length of the self-tapping sleeve. Screw in the self-tapping sleeve with a pin spanner (SW 8) to the point until the top edge aligns with the door. Then screw in the M8 grub screw with a pin spanner (SW 4) up to 30 mm protuberance, put on plastic washers and clamp pieces and tighten the M8 clamping nuts with a spanner (SW 11). Put on female part and tighten the clamp screws on the side with pin spanner (15 Nm).



## 8A79..

S 29 - M 6  
for Ø 20 door pull

## 8B79..

S 29 - M 8  
for Ø 25, 30, 35, 40 and 50 mm  
Door pull/support

Piece fixing with self-tapping sleeve, on aluminium and plastic profiles with insulation chamber, as well as solid wood doors for female part (LT).



### Standard design for door pulls of

#### Aluminium

inner parts steel electro-galvanised and rosettes:	.22, .23, .24, .27, .28, .29, .70
--	-----------------------------------

#### brass

inner parts stainless steel and rosettes:	.61, .65
---	----------

#### stainless steel

inner parts stainless steel and rosettes:	.82, .83
---	----------

### Mounting

Bore holes: M6 = Ø10 mm, M8 = Ø12 mm, bore on one side through the pre-chamber into the main chamber, solid wood doors 5 mm deeper than the respective length of the self-tapping sleeve. Screw in the self-tapping sleeve with a pin spanner (SW 8) to the point until the top edge aligns with the door. Then screw in the M8 grub screw with a pin spanner (SW 4) up to 30 mm protuberance, put on plastic washers, rosettes and clamp pieces and tighten the M8 clamping nuts with a spanner (SW 11). Put on female part and tighten the clamp screws on the side with pin spanner (15 Nm).

### Order example

Set	Part no.	Finish no.	Fixing type
... Set	8A73	.80	S 23

### Standard design

#### stainless steel

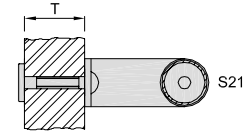
brushed .82

### Mounting

Put grub screw with tallow drop sleeve through door pull support and door and tighten on the other side with rosette.

### 8A71..

S 21 - M 6  
Single fixing  
specially for door pulls from modular system series WS



### Standard design

#### stainless steel

brushed .82

### Mounting

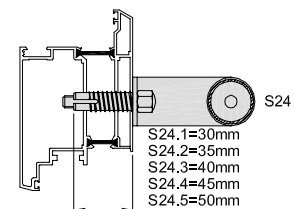
Bore holes on one side in the door. Ø 12 mm, through the pre-chamber into the main chamber, solid wood doors 5 mm deeper than the respective length of the self-tapping sleeve. Screw in the self-tapping sleeve with a pin spanner (SW 8) to the point until the top edge aligns with the door. Then screw in the M8 grub screws with a pin spanner (SW 4) up to 30 mm protuberance. Then put on the door pull and screw on the cup nuts and tighten with a spanner (SW 13).

### 8B74..

S 24 - M 8

Piece fixing with self-tapping sleeve, on aluminium and plastic profiles with insulation chamber, as well as solid wood

doors specially for door pulls from modular system series WS



### Order example

Set	Part no.	Finish no.	Fixing type
... Set	8A71	.82	S 21





**Technical notes**

SGF is our name for door handles that are fitted with a plastic plain bearing. The door handles series SGF are primarily used on interior doors. As they are fixed pivoting, these door handles excel at sturdy guiding. Moreover, you will also find in this section door accessories such as escutcheons, bell plates and house numbers.

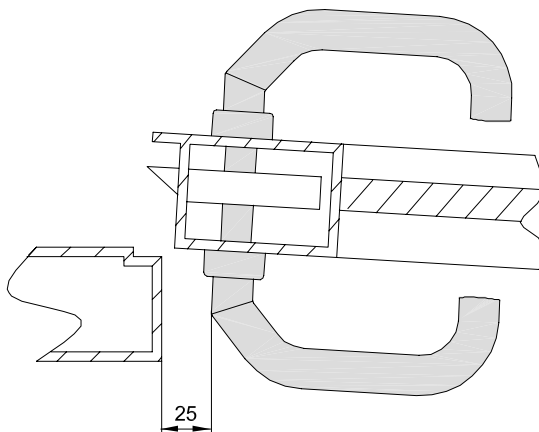
**Safety clearance**

When mounting on panel doors make sure that offset handles are used in order to have a safety clearance to the door edge.

**Technical notes**

- tight pivoting handle connection
- supporting cams
- high-quality material:
  - stainless steel brushed or polished
  - stainless steel brass-coloured PVD-coated on request

In combination with the 32 mm oval rosette and the offset handle types this hardware series is specifically suitable for panel doors.





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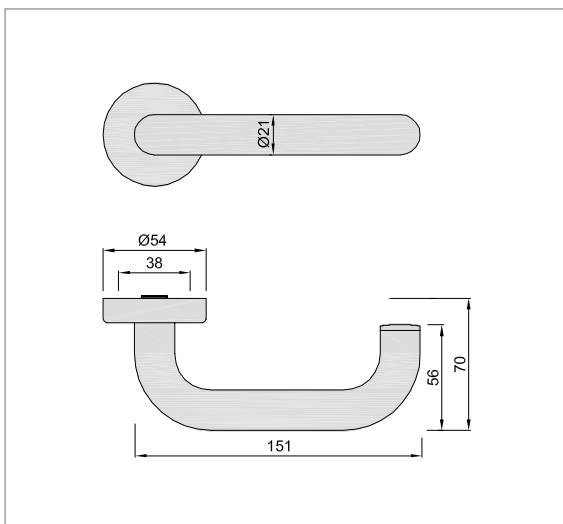
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### 3A..

on round or oval rosette  
for square spindle 8 and 9 mm

fixed pivoting, with plain bearing  
and recuperating spring. Lever and  
rosettes of stainless steel.  
rosette inner part of plastic  
rosette height = 10 mm  
The door handle is screwed on the  
door together with the rosette.  
Then press on cover rosette.

**Cut-out (escutcheon)**  
profile cylinder, single tumbler,  
KABA or without cut-out



	<b>3A10..</b>
	<b>3A11..</b>
	turning knob <b>3A12..</b> fixed knob <b>3A13..</b>
	turning knob <b>3A14..</b> fixed knob <b>3A15..</b>
	<b>3A16..</b> <b>3A17..</b>
	toilet set <b>3A18..</b>

	<b>3A35..</b>
	<b>3A36..</b>
	turning knob <b>3A37..</b> fixed knob <b>3A38..</b>
	turning knob <b>3A39..</b> fixed knob <b>3A40..</b>
	turning knob <b>3A41..</b> fixed knob <b>3A42..</b>








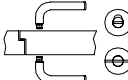
#### Standard design

##### stainless steel

brushed	<b>.82</b>
polished	<b>.83</b>

#### Order example

Piece	Part no.	Finish no.	Cut-out	Door thickness	Square spindle
... Piece	<b>3A10..</b>	<b>.82</b>	profile cylinder	40	8

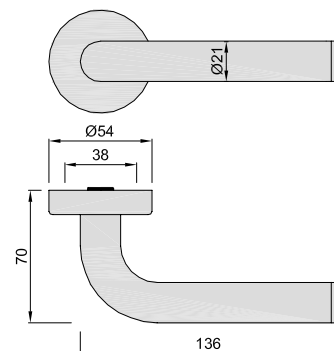
	
	<b>3B10..</b>
	<b>3B11..</b>
	turning knob <b>3B12..</b> fixed knob <b>3B13..</b>
	turning knob <b>3B14..</b> fixed knob <b>3B15..</b>
	<b>3B16..</b> <b>3B17..</b>
	toilet set <b>3B18..</b>








**3B..**

on round or oval rosette  
for square spindle 8 and 9 mm

fixed pivoting, with plain bearing  
and recuperating spring. Lever and  
rosettes of stainless steel.  
rosette inner part of plastic  
rosette height = 10 mm  
The door handle is screwed on the  
door together with the rosette.  
Then press on cover rosette.

**Cut-out (escutcheon)**  
profile cylinder, single tumbler,  
KABA or without cut-out



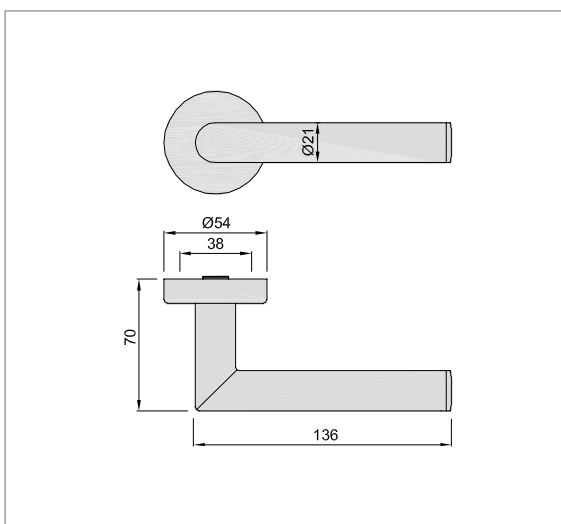
	
	<b>3B35..</b>
	<b>3B36..</b>
	turning knob <b>3B37..</b> fixed knob <b>3B38..</b>
	turning knob <b>3B39..</b> fixed knob <b>3B40..</b>
	turning knob <b>3B41..</b> fixed knob <b>3B42..</b>

**Standard design****stainless steel**

brushed	<b>.82</b>
polished	<b>.83</b>

**Order example**

Piece	Part no.	Finish no.	Cut-out	Door thickness	Square spindle
... Piece	<b>3B10..</b>	<b>.82</b>	profile cylinder	40	8



### 3C..

on round or oval rosette  
for square spindle 8 and 9 mm

fixed pivoting, with plain bearing  
and recuperating spring. Lever and  
rosettes of stainless steel.  
rosette inner part of plastic  
rosette height = 10 mm  
The door handle is screwed on the  
door together with the rosette.  
Then press on cover rosette.

**Cut-out (escutcheon)**  
profile cylinder, single tumbler,  
KABA or without cut-out



	3C10..
	3C11..
	turning knob 3C12..
	fixed knob 3C13..
	turning knob 3C14..
	fixed knob 3C15..
	turning knob 3C16..
	fixed knob 3C17..
	toilet set 3C18..

	3C35..
	3C36..
	turning knob 3C37..
	fixed knob 3C38..
	turning knob 3C39..
	fixed knob 3C40..
	turning knob 3C41..
	fixed knob 3C42..

#### Standard design

##### stainless steel

brushed	.82
polished	.83

#### Order example

Piece	Part no.	Finish no.	Cut-out	Door thickness	Square spindle
... Piece	3C10..	.82	profile cylinder	40	8

	<b>3D10..</b>	
	<b>3D11..</b>	
	turning knob <b>3D12..</b>	fixed knob <b>3D13..</b>
	turning knob <b>3D14..</b>	fixed knob <b>3D15..</b>
	turning knob <b>3D16..</b>	fixed knob <b>3D17..</b>
	toilet set <b>3D18..</b>	



### 3D..

on round or oval rosette  
for square spindle 8 and 9 mm

fixed pivoting, with plain bearing  
and recuperating spring. Lever and  
rosettes of stainless steel.

rosette inner part of plastic

rosette height = 10 mm

The door handle is screwed on the  
door together with the rosette.  
Then press on cover rosette.

#### Cut-out (escutcheon)

profile cylinder, single tumbler,  
KABA or without cut-out

#### Note

*Due to the offset design these  
types in combination with oval  
rosettes are specifically suitable  
for panel doors.*



	<b>3D35..</b>	
	<b>3D36..</b>	
	turning knob <b>3D37..</b>	fixed knob <b>3D38..</b>
	turning knob <b>3D39..</b>	fixed knob <b>3D40..</b>
	turning knob <b>3D41..</b>	fixed knob <b>3D42..</b>

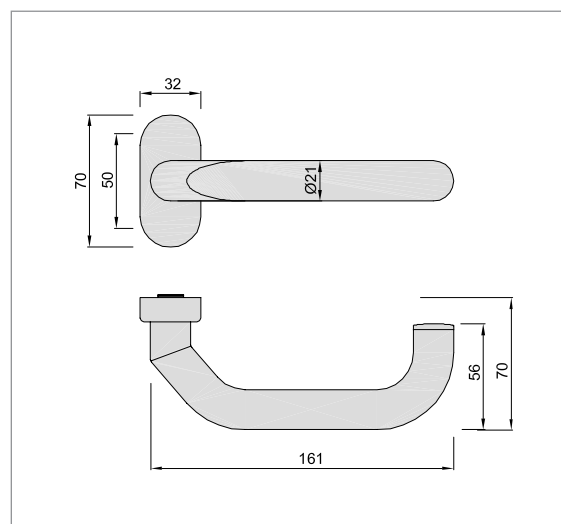
#### Standard design

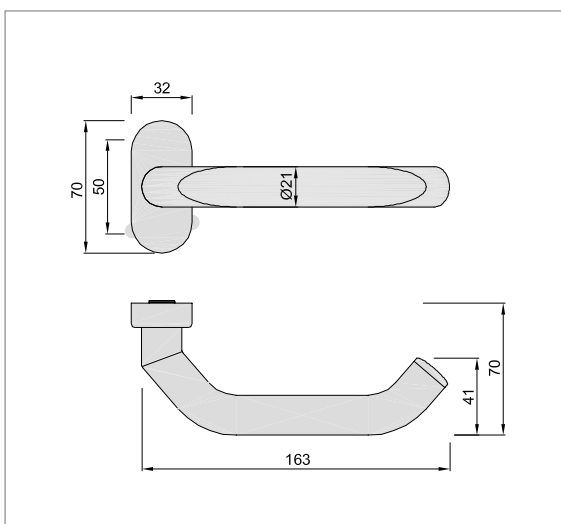
##### stainless steel

brushed	<b>.82</b>
polished	<b>.83</b>

#### Order example

Piece	Part no.	Finish no.	Cut-out	Door thickness	Square spindle
... Piece	<b>3D10..</b>	<b>.82</b>	profile cylinder	40	8





### 3E..

on round or oval rosette  
for square spindle 8 and 9 mm

fixed pivoting, with plain bearing  
and recuperating spring. lever and  
rosettes of stainless steel.  
rosette inner part of plastic  
rosette height = 10 mm  
The door handle is screwed on the  
door together with the rosette.  
Then press on cover rosette.

#### Cut-out (escutcheon)

profile cylinder, single tumbler,  
KABA or without cut-out

#### Note

*Due to the offset design these  
types in combination with oval  
rosettes are specifically suitable  
for panel doors.*



	<b>3E10..</b>
	<b>3E11..</b>
	turning knob <b>3E12..</b> fixed knob <b>3E13..</b>
	turning knob <b>3E14..</b> fixed knob <b>3E15..</b>
	turning knob <b>3E16..</b> fixed knob <b>3E17..</b>
	toilet set <b>3E18..</b>

	<b>3E35..</b>
	<b>3E36..</b>
	turning knob <b>3E37..</b> fixed knob <b>3E38..</b>
	turning knob <b>3E39..</b> fixed knob <b>3E40..</b>
	turning knob <b>3E41..</b> fixed knob <b>3E42..</b>

#### Standard design

##### stainless steel

brushed	<b>.82</b>
polished	<b>.83</b>

#### Order example

Piece	Part no.	Finish no.	Cut-out	Door thickness	Square spindle
... Piece	<b>3E10..</b>	<b>.82</b>	profile cylinder	40	8



	<b>3F10..</b>	
	<b>3F11..</b>	
	turning knob <b>3F12..</b>	fixed knob <b>3F13..</b>
	turning knob <b>3F14..</b>	fixed knob <b>3F15..</b>
	turning knob <b>3F16..</b>	fixed knob <b>3F17..</b>
	toilet set <b>3F18..</b>	



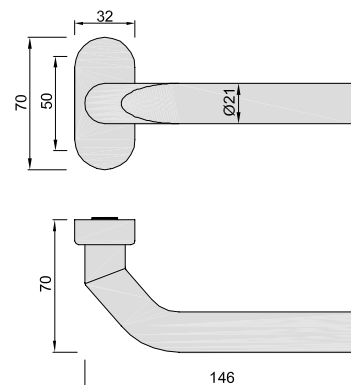
### 3F..

on round or oval rosette  
for square spindle 8 and 9 mm

fixed pivoting, with plain bearing  
and recuperating spring. lever and  
rosettes of stainless steel.  
rosette inner part of plastic  
rosette height = 10 mm  
The door handle is screwed on the  
door together with the rosette.  
Then press on cover rosette.

**Cut-out (escutcheon)**  
profile cylinder, single tumbler,  
KABA or without cut-out

**Note**  
*Due to the offset design these  
types in combination with oval  
rosettes are specifically suitable  
for panel doors.*



	<b>3F35..</b>	
	<b>3F36..</b>	
	turning knob <b>3F37..</b>	fixed knob <b>3F38..</b>
	turning knob <b>3F39..</b>	fixed knob <b>3F40..</b>
	turning knob <b>3F41..</b>	fixed knob <b>3F42..</b>

#### Standard design

##### stainless steel

brushed	<b>.82</b>
polished	<b>.83</b>

#### Order example

Piece	Part no.	Finish no.	Cut-out	Door thickness	Square spindle
... Piece	<b>3F10..</b>	<b>.82</b>	profile cylinder	40	8



## 3L35..

on oval rosettes  
for square spindle 8 and 9 mm

fixed pivoting, with plain bearing and recuperating spring. lever and rosettes of stainless steel.  
rosette inner parts of plastic.  
rosette height = 10 mm  
The door handle is screwed on the door together with the rosette.  
Then press on cover rosette.

### Cut-out (escutcheon)

profile cylinder, single tumbler, KABA or without cut-out

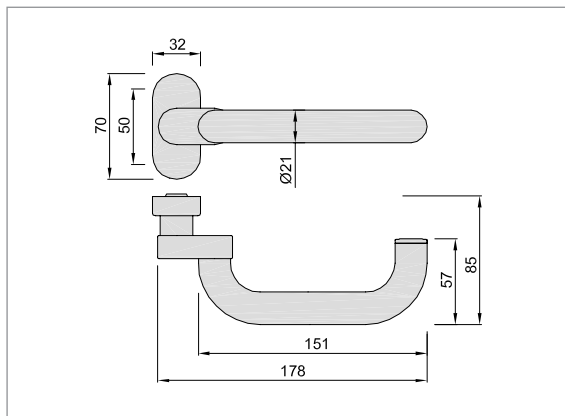
### Note

*Due to the offset design these types in combination with oval rosettes are specifically suitable for panel doors.*



### Standard design

stainless steel	
brushed	.82
polished	.83



## 3M35..

on oval rosettes  
for square spindle 8 and 9 mm

fixed pivoting, with plain bearing and recuperating spring. lever and rosettes of stainless steel.  
rosette inner part of plastic  
rosette height = 10 mm  
The door handle is screwed on the door together with the rosette.  
Then press on cover rosette.

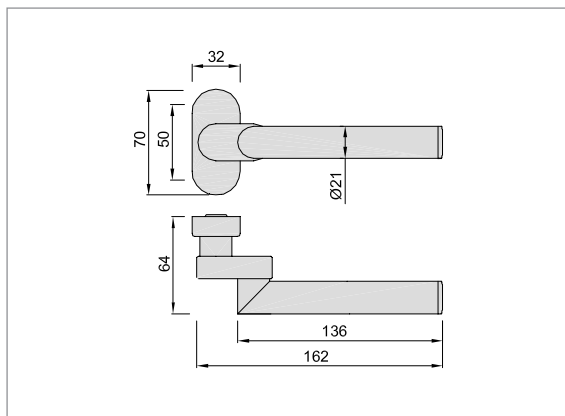
### Note

*Due to the offset design these types in combination with oval rosettes are specifically suitable for panel doors.*



### Standard design

stainless steel	
brushed	.82
polished	.83



### Order example

Piece	Part no.	Finish no.	Cut-out	Door thickness	Square spindle
... Piece	3L35..	.82	profile cylinder	40	8

**Standard design****Aluminium machined according to E 4**

KWS 1 silver anodised	<b>.22</b>
KWS 2 nickel silver anodised	<b>.23</b>
KWS 3 gold anodised	<b>.24</b>
KWS 5 dark bronze anodised	<b>.28</b>

unit	5 pairs
------	---------

**Piece weight**

Aluminium	0.420 kg
-----------	----------

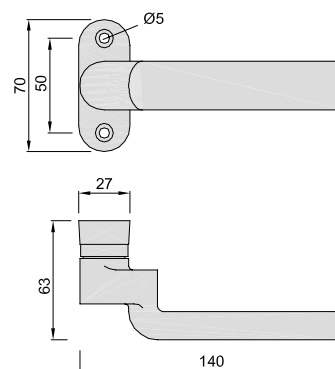
**3402..**

as pair

**3422..**

as female part

fixed pivoting on rosette  
of aluminium with loose 8 mm  
square solid spindle  
for 40 mm door thickness

**Standard design****Aluminium machined according to E 4**

KWS 1 silver anodised	<b>.22</b>
KWS 2 nickel silver anodised	<b>.23</b>
KWS 3 gold anodised	<b>.24</b>
KWS 5 dark bronze anodised	<b>.28</b>

unit	5 pairs
------	---------

**Piece weight**

Aluminium	0.330 kg
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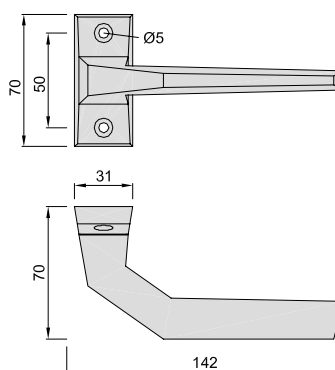
**3407..**

as pair

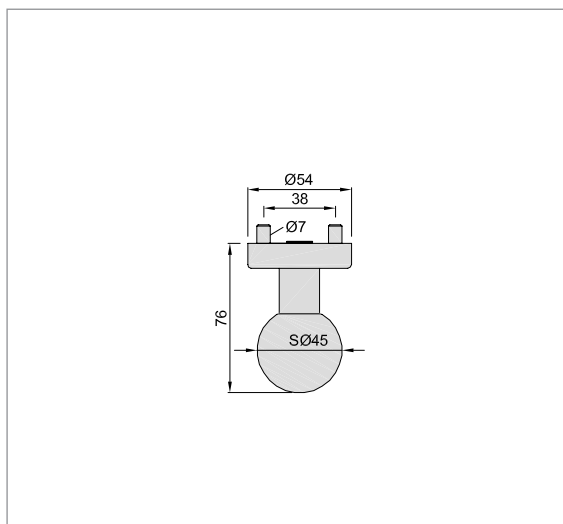
**3427..**

as female part

fixed pivoting on rosette  
of aluminium with loose 8 mm  
square solid spindle  
for 40 mm door thickness

**Order example**

Piece	Part no.	Finish no.
... Piece	<b>3402</b>	<b>.22</b>



### 3G..





on round or oval rosettes  
for square spindle 8 and 9 mm

fixed pivoting, with plain bearing  
and recuperating spring. Lever and  
rosettes of stainless steel.  
rosette inner parts of plastic.  
rosette height = 10 mm  
The door handle is screwed on the  
door together with the rosette.  
Then press on cover rosette.




#### Cut-out (escutcheon)

profile cylinder, single tumbler,  
KABA or without cut-out



	fixed knob	turning knob
	<b>3G10..</b>	<b>3G11..</b>
	fixed-fixed <b>3G12..</b>	fixed-turning <b>3G13..</b>
	turning-turning <b>3G14..</b>	
	fixed-fixed (for glass doors) <b>3G05..</b>	



	fixed knob	turning knob
	<b>3G35..</b>	<b>3G36..</b>
	fixed-fixed <b>3G37..</b>	fixed-turning <b>3G38..</b>
	turning-turning <b>3G39..</b>	

#### Standard design







##### stainless steel





brushed	<b>.82</b>
polished	<b>.83</b>

#### Order example

Piece	Part no.	Finish no.	Cut-out	Door thickness	Square spindle
... Piece	<b>3G10</b>	<b>.82</b>	profile cylinder	40	8



	 		
	fixed knob <b>3H10..</b>	turning knob <b>3H11..</b>	
	fixed-fixed <b>3H12..</b>	fixed-turning <b>3H13..</b>	turning-turning <b>3H14..</b>
	fixed-fixed (for glass doors) <b>3H05..</b>		

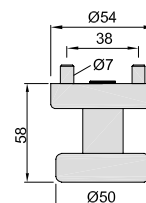
		
	<div>fixed knob</div> <div>3H35..</div>	<div>turning knob</div> <div>3H36..</div>
	<div>fixed-fixed</div> <div>3H37..</div>	<div>fixed-turning</div> <div>3H38..</div> <div>turning-turning</div> <div>3H39..</div>

### 3H..

on round or oval rosettes  
for square spindle 8 and 9 mm

fixed pivoting, with plain bearing  
and recuperating spring. Lever and  
rosettes of stainless steel.  
rosette inner parts of plastic.  
rosette height = 10 mm  
The door handle is screwed on the  
door together with the rosette.  
Then press on cover rosette.

**Cut-out (escutcheon)**  
profile cylinder, single tumbler,  
KABA or without cut-out



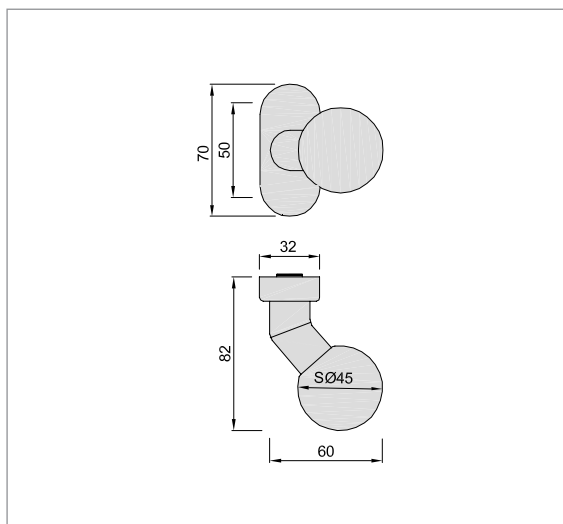
#### Standard design

##### stainless steel

brushed	<b>.82</b>
polished	<b>.83</b>

#### Order example

Piece	Part no.	Finish no.	Cut-out	Door thickness	Square spindle
... Piece	<b>3H10</b>	<b>.82</b>	profile cylinder	40	8



### 3K..

on round or oval rosettes  
for square spindle 8 and 9 mm

fixed pivoting, with plain bearing  
and recuperating spring. Lever and  
rosettes of stainless steel.  
rosette inner parts of plastic.  
rosette height = 10 mm  
The door handle is screwed on the  
door together with the rosette.  
Then press on cover rosette.



#### Cut-out (escutcheon)

profile cylinder, single tumbler,  
KABA or without cut-out



#### Note

*Due to the offset design these  
types in combination with oval  
rosettes are specifically suitable  
for panel doors.*



	fixed knob <b>3K10..</b>	turning knob <b>3K11..</b>	
	fixed-fixed <b>3K12..</b>	turning-fixed <b>3K13..</b>	turning-turning <b>3K14..</b>



	fixed knob <b>3K35..</b>	turning knob <b>3K36..</b>	
	fixed-fixed <b>3K37..</b>	turning-fixed <b>3K38..</b>	turning-turning <b>3K39..</b>

#### Standard design

##### stainless steel

brushed	<b>.82</b>
polished	<b>.83</b>

#### Order example

Piece	Part no.	Finish no.	Cut-out	Door thickness	Square spindle
... Piece	<b>3K10</b>	<b>.82</b>	profile cylinder	40	8

**Standard design****Aluminium machined according to E 4**

KWS 1 silver anodised	<b>.22</b>
KWS 2 nickel silver anodised	<b>.23</b>
KWS 3 gold anodised	<b>.24</b>
KWS 5 dark bronze anodised	<b>.28</b>

**Piece weight**

Aluminium	0.230 kg
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**3471..**

knob permanently riveted

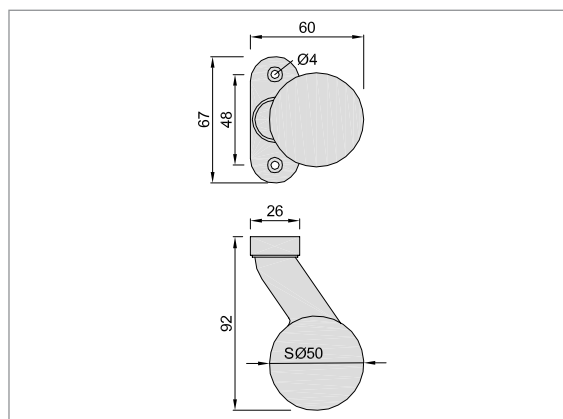
**3472..**

8 mm female part, knob fixed pivoting

**3473..**

8 mm spindle part, knob fixed pivoting

offset to the side on oval rosette of aluminium

**Standard design****Aluminium machined according to E 4**

KWS 1 silver anodised	<b>.22</b>
KWS 2 nickel silver anodised	<b>.23</b>
KWS 3 gold anodised	<b>.24</b>
KWS 5 dark bronze anodised	<b>.28</b>

**Piece weight**

Aluminium	0.140 kg
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**3481..**

knob permanently riveted

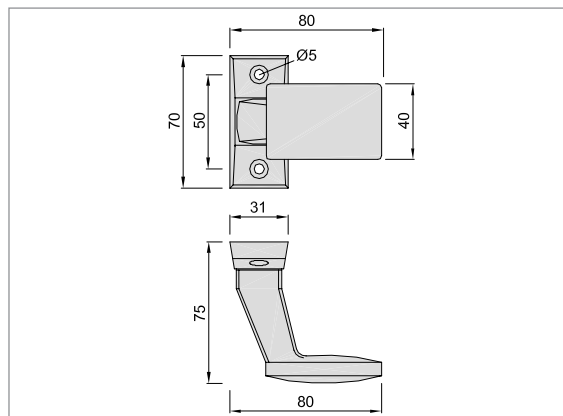
**3482..**

8 mm female part, knob fixed pivoting

**3483..**

8 mm spindle part, knob fixed pivoting

offset to the side on rectangular rosette of aluminium

**Order example**

Piece	Part no.	Finish no.
... Piece	<b>3471</b>	<b>.22</b>



#### Standard design

stainless steel

brushed

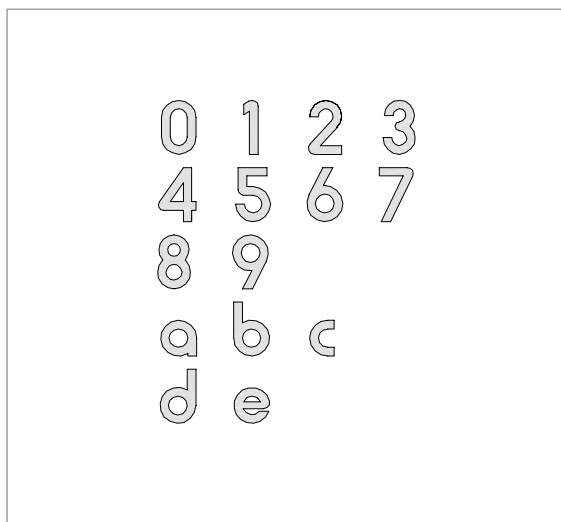
.82



font regular, thickness 3 mm  
height 150 mm (letters a, c, e = 100 mm)  
including fixing material (alternatively also  
available for sticking down)

#### Mounting

Screw in screw nail into house number tightly.  
Bore with 6 mm drill 50 mm deep,  
distance spacing A = 126 mm  
Fix plugs in the bore holes, drive the house  
number in carefully with soft intermediate  
layer or rubber hammer.



3810..

Number

0

3811..

1

3812..

2

3813..

3

3814..

4

3815..

5

3816..

6

3817..

7

3818..

8

3819..

9

381A..

Letter

a

381B..

b

381C..

c

381D..

d

381E..

e

#### Order example

Piece	Part no.	Finish no.
... Piece	3810	.82



**Standard design****stainless steel**

brushed

**.82**

font in italics, thickness 3 mm  
 height 150 mm (letters a, c, e = 100 mm)  
 incl. fixing material  
 (alternatively also available for sticking down)

**Mounting**

Screw in screw nail into house number tightly.  
 With 6 mm drill bore 50 mm deep, distance  
 spacing A and B according to mounting in-  
 structions. Fix plugs in the bore holes, drive  
 the house number in carefully with soft inter-  
 mediate layer or rubber hammer.

**382A..****Letter**

a

**382B..**

b

**382C..**

c

**382D..**

d

**382E..**

e

**3820..****Number**

0

**3821..**

1

**3822..**

2

**3823..**

3

**3824..**

4

**3825..**

5

**3826..**

6

**3827..**

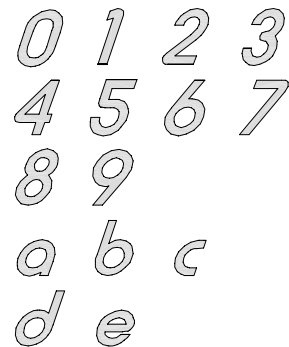
7

**3828..**

8

**3829..**

9

**Order example**

Piece	Part no.	Finish no.
... Piece	<b>3820</b>	<b>.82</b>



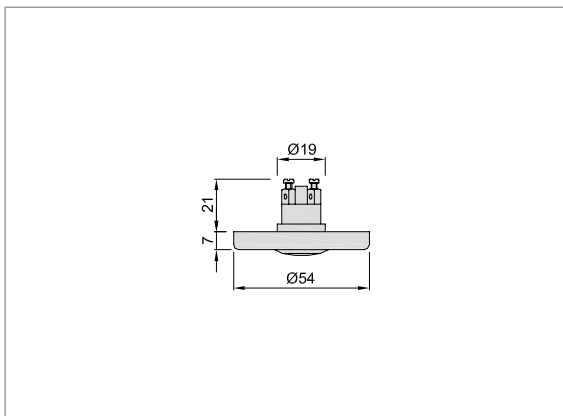
## 3950..

bell button and housing of stainless steel, concealed fixing

### Standard design

#### stainless steel

brushed	.82
polished	.83



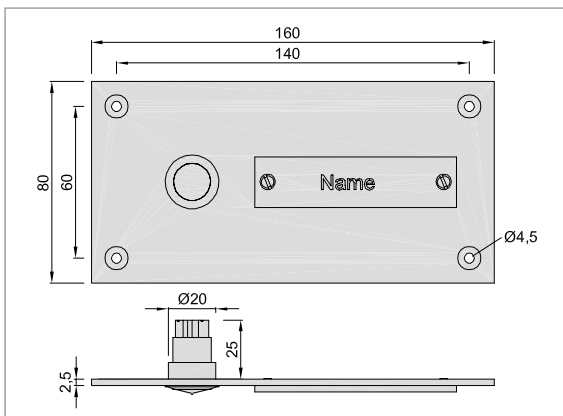
## 3951..

bell plate of stainless steel, visible fixing

### Standard design

#### stainless steel

brushed	.82
polished	.83



### Order example

Piece	Part no.	Finish no.
... Piece	3950	.82

**Standard design****stainless steel**

brushed	<b>.82</b>
polished	<b>.83</b>

unit	10 pieces
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**Piece weight**

stainless steel	0.090 kg
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**3456..**

as a pair, with screws for 55 mm door thickness

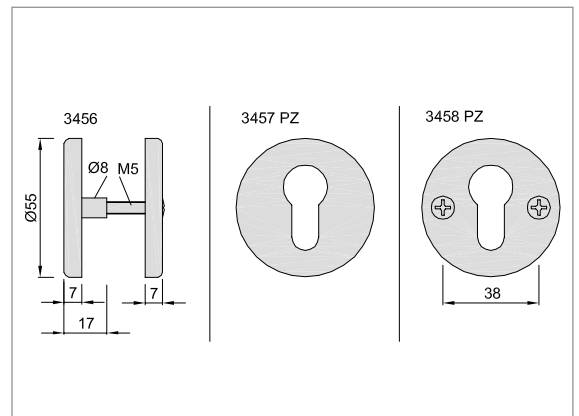
**3457..**

Single, with cams, without screws

**3458..**

Single, without cams, with screws

Cut-out profile cylinder, single tumbler or without cut-out, with one-sided concealed bolting of stainless steel

**Standard design****Aluminium machined according to E 4**

KWS 1 silver anodised	<b>.22</b>
KWS 2 nickel silver anodised	<b>.23</b>
KWS 3 gold anodised	<b>.24</b>
KWS 5 dark bronze anodised	<b>.28</b>

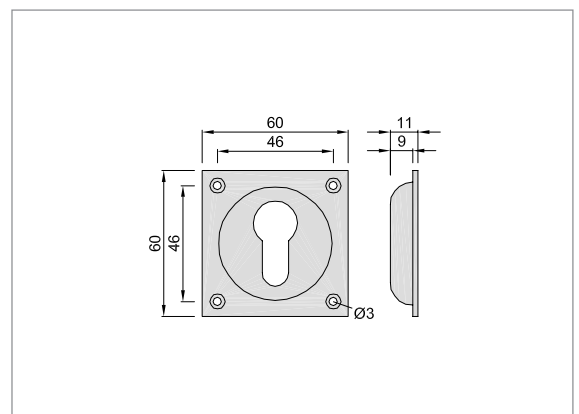
unit	10 pieces
------	-----------

**Piece weight**

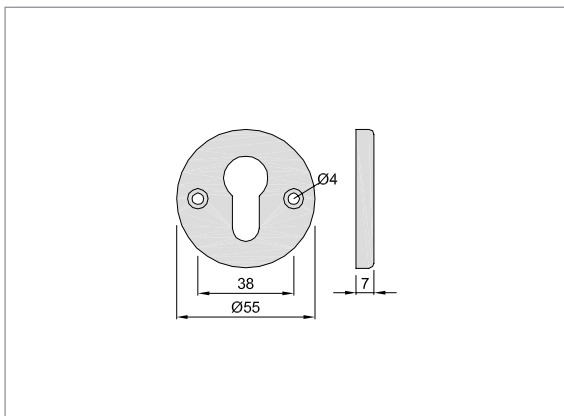
Aluminium	0.015 kg
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**3204..**

Cut-out profile cylinder, single tumbler or without cut-out of aluminium

**Order example**

Piece	Part no.	Finish no.
... Piece	<b>3456</b>	<b>.82</b>



### 3455..

Cut-out  
profile cylinder, single tumbler or  
without cut-out

of aluminium, brass or stainless  
steel

#### Standard design

##### Aluminium machined according to E 4

KWS 1 silver anodised	.22
KWS 2 nickel silver anodised	.23
KWS 3 gold anodised	.24
KWS 5 dark bronze anodised	.28

##### brass

brushed and waxed	.62
polished and lacquered	.66

##### stainless steel

brushed	.82
polished	.83

unit	10 pieces
------	-----------

##### Piece weight

Aluminium	0.010 kg
brass	0.030 kg
stainless steel	0.030 kg



### 3430..

oval, concealed bolting

### 3440..

round, concealed bolting

#### Cut-out

profile cylinder, single tumbler,  
KABA or without cut-out

height 10 or 13 mm

#### Standard design

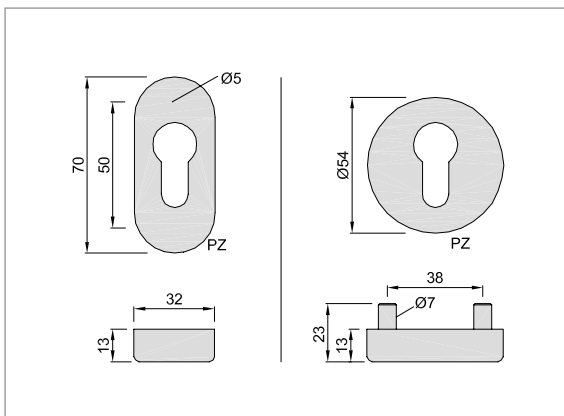
##### stainless steel

brushed	.82
polished	.83

unit	10 pieces
------	-----------

##### Piece weight

stainless steel	0.025 kg
-----------------	----------



#### Order example

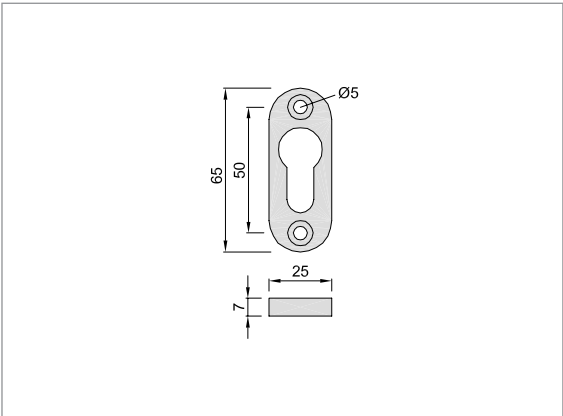
Piece	Part no.	Finish no.
... Piece	3455	.22

Standard design

Aluminium machined according to E 4	
KWS 1 silver anodised	.22
KWS 2 nickel silver anodised	.23
KWS 3 gold anodised	.24
KWS 5 dark bronze anodised	.28
unit	10 pieces
Piece weight	
Aluminium	0.020 kg

3451..

Cut-out  
profile cylinder, single tumbler or  
without cut-out  
  
of aluminium

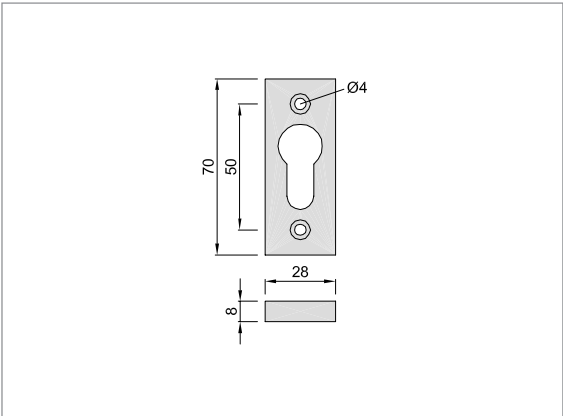


Standard design

Aluminium machined according to E 4	
KWS 1 silver anodised	.22
KWS 2 nickel silver anodised	.23
KWS 3 gold anodised	.24
KWS 5 dark bronze anodised	.28
unit	10 pieces
Piece weight	
Aluminium	0.020 kg

3450..

Cut-out  
profile cylinder, single tumbler or  
without cut-out  
  
of aluminium casting



Order example

Piece	Part no.	Finish no.
... Piece	3451	.22



### 3452..

sliding escutcheon 5.5 mm

### 3453..

sliding escutcheon 9.0 mm

### 3454..

sliding escutcheon 14.0 mm

two-part, with profile cylinder cut-out of aluminium

#### Standard design

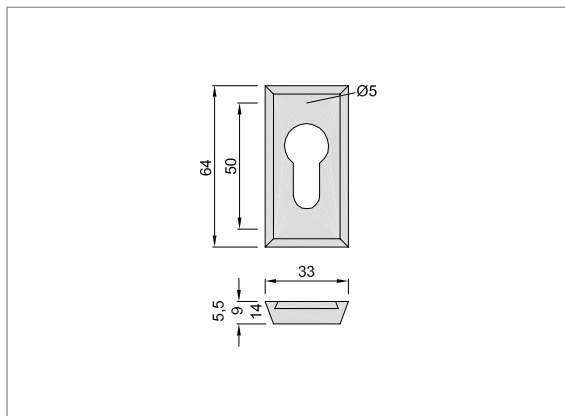
##### Aluminium machined according to E 4

KWS 1 silver anodised	.22
KWS 2 nickel silver anodised	.23
KWS 3 gold anodised	.24
KWS 5 dark bronze anodised	.28

unit	10 pieces
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#### Piece weight

Aluminium	0.020 kg
-----------	----------



### 3460..

sliding escutcheon with anti pull protection

of aluminium and stainless steel

#### Mounting

Screw fixing shoe on the door profile, slide escutcheon on from top and mount the profile cylinder onto inside of door.

**Projection: 12 - 16 mm**

#### Standard design

##### Aluminium machined according to E 4

KWS 1 silver anodised	.22
-----------------------	-----

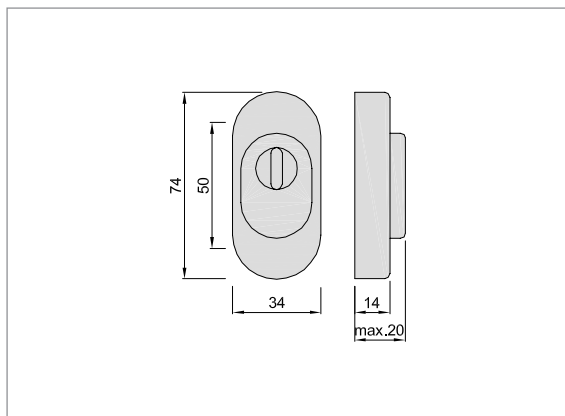
#### stainless steel

brushed	.82
---------	-----

unit	1 piece
------	---------

#### Piece weight

Aluminium	0.150 kg
stainless steel	0.260 kg



#### Order example

Piece	Part no.	Finish no.
... Piece	3452	.22

**Standard design****Aluminium machined according to E 4**

KWS 1 silver anodised .22

**stainless steel**

brushed .82

unit 1 piece

**Piece weight**

Aluminium 0.150 kg

stainless steel 0.260 kg

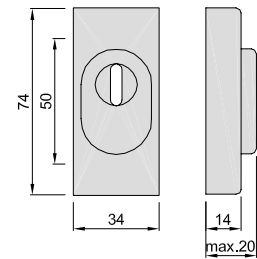
**3461..**

sliding escutcheon with anti pull protection

of aluminium and stainless steel

**Mounting**

Screw fixing shoe on the door profile, slide escutcheon on from top and mount the profile cylinder onto inside of door.

**Projection: 12 - 16 mm****Standard design****Aluminium machined according to E 4**

KWS 1 silver anodised .22

**stainless steel**

brushed .82

unit 1 piece

**Piece weight**

Aluminium 0.250 kg

stainless steel 0.430 kg

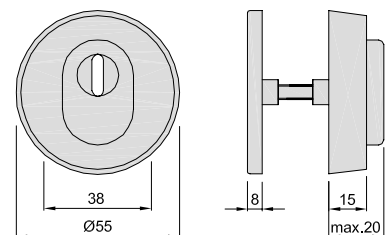
**3462..**

sliding escutcheon with anti pull protection for bolting through

of aluminium and stainless steel

**Mounting**

Screw escutcheon from the inside through the lock and then mount the profile cylinder on the inside of the door.

**Projection: 12 - 16 mm****Order example**

Piece	Part no.	Finish no.
... Piece	3461	.22

## Appendix

### Numbers Chart

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3402..	75	3A12..	68	3D35..	71	3H14..	77	8149..	20	8318..	47
3407..	75	3A13..	68	3D36..	71	3H35..	77	8155..	16	8319..	48
3422..	75	3A14..	68	3D37..	71	3H36..	77	8157..	16	8320..	49
3427..	75	3A15..	68	3D38..	71	3H37..	77	8158..	16	8322..	33
3430..	84	3A16..	68	3D39..	71	3H38..	77	8159..	16	8323..	33
3440..	84	3A17..	68	3D40..	71	3H39..	77	8161..	42	8324..	33
3450..	85	3A18..	68	3D41..	71	3K10..	78	8162..	42	8325..	33
3451..	85	3A35..	68	3D42..	71	3K11..	78	8169..	8	8326..	33
3452..	86	3A36..	68	3E10..	72	3K12..	78	8170..	17	8329..	51
3453..	86	3A37..	68	3E11..	72	3K13..	78	8171..	17	8330..	51
3454..	86	3A38..	68	3E12..	72	3K14..	78	8172..	17	8332..	33
3455..	84	3A39..	68	3E13..	72	3K35..	78	8173..	17	8333..	33
3456..	83	3A40..	68	3E14..	72	3K36..	78	8174..	18	8334..	33
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3458..	83	3A42..	68	3E16..	72	3K38..	78	8176..	18	8336..	33
3460..	86	3B10..	69	3E17..	72	3K39..	78	8177..	18	8340..	49
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3471..	79	3B13..	69	3E36..	72			8180..	8	8352..	33
3472..	79	3B14..	69	3E37..	72	8011..	42	8181..	8	8353..	33
3473..	79	3B15..	69	3E38..	72	8012..	42	8186..	20	8354..	33
3481..	79	3B16..	69	3E39..	72	8021..	46	8187..	20	8355..	33
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3483..	79	3B18..	69	3E41..	72	8023..	46	8190..	20	8361..	47
3810..	80	3B35..	69	3E42..	72	8024..	46	8191..	20	8362..	47
3811..	80	3B36..	69	3F10..	73	8025..	46	8199..	23	8363..	48
3812..	80	3B37..	69	3F11..	73	8026..	46	8203..	31	8364..	49
3813..	80	3B38..	69	3F12..	73	8028..	52	8205..	31	8381..	42
3814..	80	3B39..	69	3F13..	73	8029..	53	8210..	31	8382..	42
3815..	80	3B40..	69	3F14..	73	8030..	53	8216..	32	8391..	43
3816..	80	3B41..	69	3F15..	73	8032..	43	8219..	32	8392..	43
3817..	80	3B42..	69	3F16..	73	8033..	43	8221..	22	8393..	44
3818..	80	3C10..	70	3F17..	73	8035..	43	8249..	11	8394..	45
3819..	80	3C11..	70	3F18..	73	8036..	43	8260..	11	8396..	44
3820..	81	3C12..	70	3F35..	73	8038..	44	8271..	11	8399..	51
3821..	81	3C13..	70	3F36..	73	8039	44	8282..	11	8501..	30
3822..	81	3C14..	70	3F37..	73	8041	45	8283..	15	8502..	30
3823..	81	3C15..	70	3F38..	73	8042	45	8284..	15	8503..	30
3824..	81	3C16..	70	3F39..	73	8044	44	8285..	15	8504..	30
3825..	81	3C17..	70	3F40..	73	8045..	44	8286..	15	8505..	30
3826..	81	3C18..	70	3F41..	73	8047..	47	8288..	15	8506..	30
3827..	81	3C35..	70	3F42..	73	8048..	47	8296..	11	8507..	30
3828..	81	3C36..	70	3G05..	76	8049..	47	8301..	43	8508..	30
3829..	81	3C37..	70	3G10..	76	8050..	47	8302..	43	8511..	30
3950..	82	3C38..	70	3G11..	76	8051..	48	8303..	44	8512..	30
3951..	82	3C39..	70	3G12..	76	8052..	48	8304..	45	8513..	30
381A..	80	3C40..	70	3G13..	76	8053..	49	8305..	48	8514..	30
381B..	80	3C41..	70	3G14..	76	8054..	49	8306..	44	8515..	30
381C..	80	3C42..	70	3G35..	76	8105..	19	8307..	45	8516..	30
381D..	80	3D10..	71	3G36..	76	8106..	19	8308..	51	8517..	30
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382A..	81	3D12..	71	3G38..	76	8108..	19	8310..	48	8520..	55
382B..	81	3D13..	71	3G39..	76	8131..	15	8312..	33	8523..	25
382C..	81	3D14..	71	3H05..	77	8133..	15	8313..	33	8524..	26
382D..	81	3D15..	71	3H10	77	8135..	17	8314..	33	8525..	27
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8607..	36	8893..	51	8A79..	62
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8634..	37	8914..	10	8B79..	62
8635..	37	8915..	10	8H01..	43
8636..	37	8916..	10	8H02..	43
8637..	37	8917..	10	8H03..	44
8640..	37	8918..	10	8H04..	45
8702..	54	8919..	10	8H06..	44
8703..	55	8920..	13	8H07..	45
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8710..	45	8922..	13	8H10..	48
8711..	43	8923..	13	8H17..	47
8712..	43	8924..	13	8H18..	47
8713..	44	8925..	13	8H19..	48
8714..	45	8926..	13	8H20..	49
8715..	47	8927..	13	8H41..	49
8716..	44	8931..	13	8H42..	49
8717..	47	8932..	13	8H61..	47
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8719..	49	8935..	13	8H63..	48
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8758..	12	8937..	13	8H91..	43
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8845..	34	82G2..	51		
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### Short symbols for the finishes of aluminium

material aluminium anodisable surface treatment subsequently anodised and compacted	Short symbol	<b>1</b> Effect on surface damage (die marks - slight damage) <b>2</b> Structure and appearance
<b>ground - brush-finished</b>	<b>E 4</b>	<b>1</b> up to completely removed <b>2</b> evenly dull-bright
<b>ground - polished</b>	<b>E 5</b>	<b>1</b> to completely removed <b>2</b> smooth and highly brilliant to reflecting
<b>chemically pickled</b>	<b>E 6</b>	<b>1</b> partly to mostly set off <b>2</b> variation option from dull to matt gleaming

### Finish codes

raw steel, untreated surface	<b>.01</b>
silver stove enamelled	<b>.02</b>
black stove enamelled	<b>.03</b>
gold stove enamelled	<b>.04</b>
electro-galvanised	<b>.06</b>
hot galvanised	<b>.07</b>
dark brown stove enamelled	<b>.10</b>
special stove enamelled finish	<b>.19</b>

### Aluminium E 4

natural finish, surface untreated	<b>.20</b>
ground and brushed	<b>.21</b>
KWS 1 silver anodised	<b>.22</b>
KWS 2 nickel silver anodised	<b>.23</b>
KWS 3 gold anodised	<b>.24</b>
special anodised colour	<b>.26</b>
KWS 4 light bronze anodised	<b>.27</b>
KWS 5 dark bronze anodised	<b>.28</b>
KWS 6 black anodised	<b>.29</b>

### Aluminium E 5

natural finish, ground and polished	<b>.30</b>
KWS 1 silver anodised	<b>.31</b>
KWS 2 nickel silver anodised	<b>.32</b>
KWS 3 gold anodised	<b>.33</b>
brushed stainless steel effect anodised	<b>.35</b>
KWS 4 light bronze anodised	<b>.36</b>
KWS 5 dark bronze anodised	<b>.37</b>
KWS 6 black anodised	<b>.38</b>
special anodised colour	<b>.39</b>

### Aluminium E 6

natural finish, chemical dipped	<b>.40</b>
KWS 1 silver anodised	<b>.41</b>
KWS 2 nickel silver anodised	<b>.42</b>
KWS 3 gold anodised	<b>.43</b>
KWS 4 light bronze anodised	<b>.46</b>
KWS 5 dark bronze anodised	<b>.47</b>
KWS 6 black anodised	<b>.48</b>
special anodised colour	<b>.49</b>

### Brass

natural finish	<b>.60</b>
brushed and waxed	<b>.61</b>
brushed and lacquered	<b>.62</b>
nickel plated	<b>.63</b>
polished and waxed	<b>.65</b>
polished and lacquered	<b>.66</b>

### Plastic coated colours

	<b>.70</b>
golden yellow	RAL 1004
flame red	RAL 3000
ruby red (.76)	RAL 3003
wine red	RAL 3005
sapphire blue (.75)	RAL 5003
brilliant blue	RAL 5007
azure blue	RAL 5009
leaf green	RAL 6002
moss green	RAL 6005
olive drab	RAL 6022
stone grey	RAL 7030
sepia brown	RAL 8014
mahogany brown	RAL 8016
dark brown (.74)	RAL 8077
grey white	RAL 9002
pure white (.71)	RAL 9010
graphite black (.73)	RAL 9011
traffic white (.72)	RAL 9016
other RAL colours on request	

### Stainless steel

natural finish	<b>.80</b>
brushed	<b>.82</b>
polished	<b>.83</b>

### Plastic / rubber / wood

PVC	<b>.95</b>
rubber	<b>.96</b>
beech wood	<b>.98</b>



## HELM Range

TEH_01	Hardware for Sliding Wardrobe Doors
TEH_02H	Hardware for Sliding Doors (Wood)
TEH_02G	Hardware for Sliding Doors (Glass)
TEH_02D	Design Hardware for Sliding Doors (Wood and Glass)
TEH_06	Hardware for Sliding Gates
TEH_09	Hardware for Gateway Gates
TEH_11	Hardware for Curtains and Tarpaulins
TEH_12	Safety Equipment against Falls from a Height (PSE)
TEH_40	Hardware for Sliding Shutters



TEH\_01



TEH\_02H



TEH\_02G



TEH\_02D



TEH\_06



TEH\_09



TEH\_11



TEH\_12



TEH\_40

## KWS Range

TEK_0102	Door Holders and Door Stops
TEK_0308	Door Pulls, Door Handles and Accessories
TEK_0506	Flush Pulls and Locks
TEK_0407	Hardware for Handrails, Floor Rails, Coat Racks and Toilet Partition Walls



TEK\_0102



TEK\_0308



TEK\_0506



TEK\_0407

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