## Flush Pulls and Locks



Catalogue: TEK\_0506



### **KWS Flush Pulls and Locks**

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#### **KWS Flush Pulls and Locks**

When nothing may protrude from the face of the door you should resort to flush pulls by KWS, such as for gyms, lifts or folding doors. You use KWS flush pulls as a simple, inside handle or with ring, folding handle or knob like a door handle.

KWS flush pulls are available in zinc-plated steel, stainless steel, aluminium or polished brass. You will find further information as well as technical specifications on the following pages.

Furthermore, you will find in this catalogue lever locks and special hardware for many varid applications (from p. 28).

#### **Technical notes**

Whether flush pull, flush ring pull or gym fitting, it is always about using a door without employing protruding hardware parts. The reason for this is basically a lack of space or the avoidance of injury risks, e. g. in case of sliding doors, lift doors, garage doors or also gym doors. Flush pulls can basically be categorised as follows:

#### 1. Flush pull as a pure handle

#### 2. Flush pull with folding ring or folding handle for lock operation

You will find relevant product samples on the following pages.

When selecting the right flush pull the question whether a cylinder cut-out is to be made is also of importance. This is mainly the case when using flush ring pulls and gym fittings.

Available cut-outs are: profile cylinder, single tumbler and Kaba.

#### Things to be taken into account when mounting flush pulls:

Please make sure that there is sufficient depth for flush mounting and that the hole sizes correspond to the catalogue drawings. We refer again to the product-related recommendations for mounting.

#### Flush pulls ..

as a pure handle





#### Flush pulls ..

by means of folding ring or handle





#### **KWS Flush Pulls**









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#### 5001...

70 x 200 with 8 mm female part

#### 5002...

70 x 200 with 8 mm spindle part

#### 5101..

70 x 200 with 7 mm female part

#### 5102...

70 x 200 with 7 mm spindle part

Ring handle fixed pivoting, spindle of spindle part permanently riveted

#### Cut-out

without cut-out or with cut-out, e. g. profile cylinder, single tumbler, KABA, smallest distance for profile cylinder cut-out = 55 mm

biggest distance for profile cylinder cut-out = 92 mm

#### Note

## You need sufficient depth for flush mounting.

The rotary handle **5047..** can also be used instead of the flush ring pull or **5048..** can be used.

#### Standard design

brass

of brass

aluminium

brass

· · · · · · · · · · · · · · · · · ·		
steel/aluminium		
Recessed grip of steel with ri	ng	
of aluminium		
silver stove enamelled	.02	
black stove enamelled	.03	
dark brown stove enamelled	.10	
coloured plastic-coated	.70	

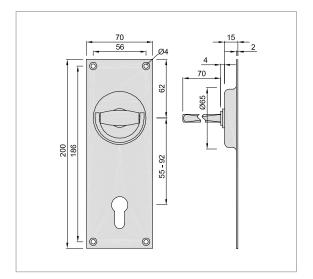
aluminium machined according to E 5		
Recessed grip of aluminium with	ring	
of aluminium		
KWS 1 silver anodised	.31	
KWS 2 nickel silver anodised	.32	
KWS 3 gold anodised	.33	
brushed stainless steel effect anodised	.35	
KWS 5 dark bronze anodised	.37	

brushed and lacquered	.62
polished and lacquered	.66
packaging unit female part	5 pieces
spindle part	2 pieces
Piece weight	
steel/aluminium	0.110 kg

0.300 kg

0.250 kg

Recessed grip of brass with ring



Piece	Part no.	Finish no.	Cut-out	Distance
Piece	5001	.02	profile cylinder	72 mm

steel/aluminium	
Recessed grip of steel with ri	ng
of aluminium	
silver stove enamelled	.02
black stove enamelled	.03
dark brown stove enamelled	.10
coloured plastic-coated	.70

aluminium machined according to E 5		
Recessed grip of aluminium with ring		
of aluminium		
KWS 1 silver anodised	.31	
KWS 2 nickel silver anodised	.32	
KWS 3 gold anodised	.33	
brushed stainless steel effect anodised	.35	
KWS 5 dark bronze anodised	.37	

brass		
Recessed grip of brass with ring		
of brass		
brushed and lacquered	.62	
polished and lacquered	.66	

of stainless steel	
not for 5010 and 5011	
brushed	.82
polished	.83

packaging unit female part	5 pieces
spindle part	2 pieces

Piece weight	
steel/aluminium	0.380 kg
aluminium	0.150 kg
brass	0.480 kg
stainless steel	0.430 kg



stainless steel

#### 5004..

100 x 200 with 8 mm female part

#### 5005...

100 x 200 with 8 mm spindle part

#### 5007..

100 x 200 with 9 mm female part

#### 5008..

100 x 200 with 9 mm spindle part

#### 5010...

100 x 200 with 10 mm female part

#### 5011..

100 x 200 with 10 mm spindle part

#### 5104...

100 x 200 with 7 mm female part

#### 5105...

100 x 200 with 7 mm spindle part

Ring handle fixed pivoting, spindle of spindle part permanently riveted

#### Cut-out:

without cut-out or with cut-out, e. g. profile cylinder, single tumbler, KABA, smallest distance for profile cylinder cut-out = 55 mm

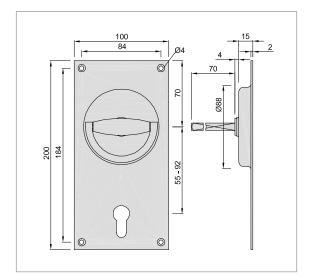
biggest distance for profile cylinder cut-out = 92 mm

#### Note

## You need sufficient depth for flush mounting.

The flush ring pulls **5007..** and **5008..** are available under **5907..** or **5908..**completely of steel or with the finish **.06** (zinc-electroplated).

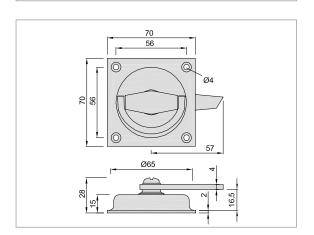




Piece	Part no.	Finish no.	Cut-out	Distance
Piece	5004	.02	profile cylinder	92 mm



## 70 56 04 70 2 8



#### 5013..

70 x 70 with 8 mm female part

#### 5014...

70 x 70 with 8 mm spindle part

#### 5113..

70 x 70 with 7 mm female part

#### 5114..

70 x 70 with 7 mm spindle part

Ring handle fixed pivoting, spindle of spindle part permanently riveted

#### Note

## You need sufficient depth for flush mounting.

with rubber tongue see **5054.** Instead of the ring handle also the rotary handle can be employed **5047..** or **5048..** can be used.

#### 5054..

70 x 70 with 8 mm with throw over latch

ring pull fixed pivoting 90 x 90 mm see **5051..** 

#### Note

You need sufficient depth for flush mounting.

#### Standard design

brass

- tuuu.u uos.g	
steel/aluminium	
Recessed grip of steel with ring	
of aluminium	
silver stove enamelled	.02
black stove enamelled	.03
dark brown stove enamelled	.10
coloured plastic-coated	.70

aluminium machined according to E 5 Recessed grip of aluminium with ring	
KWS 1 silver anodised	.31
KWS 2 nickel silver anodised	.32
KWS 3 gold anodised	.33
brushed stainless steel effect anodised	.35
KWS 5 dark bronze anodised	.37

Recessed grip of brass with ring	
of brass	
brushed and lacquered	.62
polished and lacquered	.66
packaging unit female part	10 pieces
spindle part	5 pieces
Piece weight	
steel/aluminium	0.120 kg
aluminium	0.060 kg
brass	0.170 kg
Standard design	
steel/aluminium	
Recessed arip of steel with	rina

Recessed grip of steel with ring	
of aluminium	
silver stove enamelled	.02
black stove enamelled	.03
dark brown stove enamelled	.10
coloured plastic-coated	.70

aluminium machined according to E 5	
Recessed grip of aluminium with ring	
of aluminium	
KWS 1 silver anodised	.31
KWS 2 nickel silver anodised	.32
KWS 3 gold anodised	.33
brushed stainless steel effect anodised	.35
KWS 5 dark bronze anodised	.37

brass	
Recessed grip of brass with ring	
of brass	
brushed and lacquered	.62
polished and lacquered	.66
unit	10 pieces
Piece weight	
steel/aluminium	0.120 kg
aluminium	0.060 kg
brass	0.170 kg

steel/aluminium Recessed grip of steel with ring	
silver stove enamelled	.02
black stove enamelled	.03
dark brown stove enamelled	.10
coloured plastic-coated	.70

aluminium machined according to E 5		
Recessed grip of aluminium with ring		
of aluminium		
KWS 1 silver anodised	.31	
KWS 2 nickel silver anodised	.32	
KWS 3 gold anodised	.33	
brushed stainless steel effect anodised	.35	
KWS 5 dark bronze anodised	.37	

brass Recessed grip of brass with ring	
brushed and lacquered	.62
polished and lacquered	.66

stainless steel	
Recessed grip of stainless steel with ring	
of stainless steel	
not for 5022 and 5023	

brushed	.82
polished	.83

packaging unit female part	8 pieces
spindle part	5 pieces

Piece weight	
steel/aluminium	0.200 kg
aluminium	0.090 kg
brass	0.280 kg
stainless steel	0.250 kg



Ring handle fixed pivoting, spindle of spindle part permanently riveted

with throw over latch see **5051..**The flush ring pulls **5019..** and **5020..** are available under **5919..** or **5920..** made completely of steel or with the finish **.06** (zinc-electroplated).

#### Note

You need sufficient depth for flush mounting.



#### 5016...

90 x 90 with 8 mm female part

#### 5017...

 $90 \times 90$  with 8 mm spindle part

#### 5019..

90 x 90 with 9 mm female part

#### 5020..

 $90 \times 90$  with 9 mm spindle part

#### 5022...

90 x 90 with 10 mm female part

#### 5023..

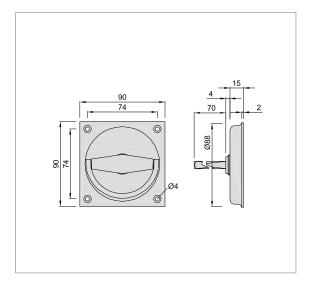
90 x 90 with 10 mm spindle part

#### 5116...

90 x 90 with 7 mm female part

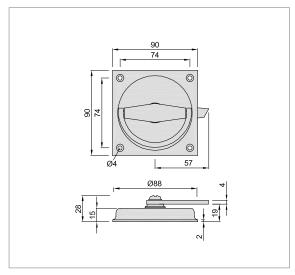
#### 5117..

 $90 \times 90$  with 7 mm spindle part



Piece	Part no.	Finish no.
Piece	5016	.31





#### 5051..

90 x 90 with throw over latch

ring pull fixed pivoting 70 x 70 mm see **5054..** 

#### Note

You need sufficient depth for flush mounting.

Stand	ard d	esian

steel/aluminium Recessed grip of steel with ring	
silver stove enamelled	.02
black stove enamelled	.03
dark brown stove enamelled	.10
coloured plastic-coated	.70

aluminium machined according to E 5		
Recessed grip of aluminium with ring		
of aluminium		
KWS 1 silver anodised	.31	
KWS 2 nickel silver anodised	.32	
KWS 3 gold anodised	.33	
brushed stainless steel effect anodised	.35	
KWS 5 dark bronze anodised	.37	

brass Recessed grip of brass with ring	
brushed and lacquered	.62
polished and lacquered	.66

stainless steel  Recessed grip of stainless steel with ring	
brushed	.82
polished	.83
unit	5 pieces
Piece weight	
steel/aluminium	0.230 kg
aluminium	0.120 kg
brass	0.310 kg
stainless steel	0.280 kg



Piece	Part no.	Finish no.
Piece	5051	.02

steel/aluminium Recessed grip of steel with ring	
silver stove enamelled	.02
black stove enamelled	.03
dark brown stove enamelled	.10
coloured plastic-coated	.70

aluminium machined according to E 5		
Recessed grip of aluminium with ring		
of aluminium		
KWS 1 silver anodised	.31	
KWS 2 nickel silver anodised	.32	
KWS 3 gold anodised	.33	
brushed stainless steel effect anodised	.35	
KWS 5 dark bronze anodised	.37	

brass		
Recessed grip of brass with ring		
of brass		
brushed and lacquered	.62	
polished and lacquered	.66	

## stainless steel Recessed grip of stainless steel with ring of stainless steel not for 5031.. and 5032.. brushed .82 polished .83

packaging unit female part	7 pieces
spindle part	4 pieces

Piece weight	
steel/aluminium	0.230 kg
aluminium	0.100 kg
brass	0.310 kg
stainless steel	0.280 kg



Ring handle fixed pivoting, spindle of spindle part permanently riveted

The flush ring pulls **5028..** and **5029..** are available under **5928..** or **5929..** completely of steel or with the finish **.06** (zinc-electroplated).

#### Note

You need sufficient depth for flush mounting.



#### 5025...

100 x 100 with 8 mm female part

#### 5026...

 $100 \times 100$  with 8 mm spindle part

#### 5028..

100 x 100 with 9 mm female part

#### 5029...

100 x 100 with 9 mm spindle part

#### 5031...

100 x 100 with 10 mm female part

#### 5032...

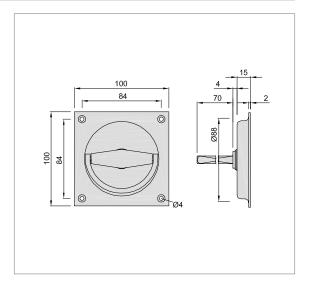
100 x 100 with 10 mm spindle part

#### 5125...

100 x 100 with 7 mm female part

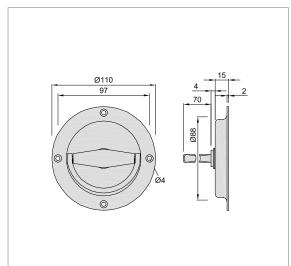
#### 5126..

100 x 100 with 7 mm spindle part



Piece	Part no.	Finish no.
Piece	5025	.03





#### 5034...

Ø110 with 8 mm female part

#### 5035...

Ø110 with 8 mm spindle part

#### 5037...

Ø110 with 9 mm female part

#### 5038..

Ø110 with 9 mm spindle part

#### 5040

Ø110 with 10 mm female part

#### 5041...

Ø110 with 10 mm spindle part

#### 5134...

Ø110 with 7 mm female part

#### 5135..

Ø110 with 7 mm spindle part

#### Standard design

- · · · · · · · · · · · · · · · · · · ·		
steel/aluminium Recessed grip of steel with ring		
of aluminium		
silver stove enamelled	.02	
black stove enamelled	.03	
dark brown stove enamelled	.10	
coloured plastic-coated	.70	

aluminium machined according to E 5 Recessed grip of aluminium with ring		
		of aluminium
KWS 1 silver anodised	.31	
KWS 2 nickel silver anodised	.32	
KWS 3 gold anodised	.33	
brushed stainless steel effect anodised	.35	
KWS 5 dark bronze anodised	.37	

brass	
Recessed grip of brass with ring	
of brass	
brushed and lacquered	.62
polished and lacquered	.66

#### stainless steel

#### Recessed grip of stainless steel with ring of stainless steel

#### not for 5040.. and 5041.. brushed polished .83

packaging unit female part	5 pieces
spindle part	4 pieces

Piece weight	
steel/aluminium	0.210 kg
aluminium	0.100 kg
brass	0.290 kg
stainless steel	0.260 kg



Ring handle fixed pivoting, spindle of spindle part permanently riveted

The flush ring pulls 5037.. and 5038.. are available under **5937..** or **5938..**completely of steel or with the finish .06 (zinc-electroplated).

You need sufficient depth for flush mounting.

Piece	Part no.	Finish no.
Piece	5034	.02



steel/aluminium Recessed grip of steel with ring	
silver stove enamelled	.02
black stove enamelled	.03
dark brown stove enamelled	.10
coloured plastic-coated	.70

## aluminium machined according to E 5 Recessed grip of aluminium with ring

of aluminium		
KWS 1 silver anodised	.31	
KWS 2 nickel silver anodised	.32	
KWS 3 gold anodised	.33	
brushed stainless steel effect anodised	.35	
KWS 5 dark bronze anodised	.37	

packaging unit female part	10 pieces
spindle part	5 pieces

Piece weight	
steel/aluminium	0.120 kg
aluminium	0.060 kg

#### 5047...

70 x 70 with 8 mm female part

#### 5048..

 $70 \times 70$  with 8 mm spindle part

#### 5147...

70 x 70 with 7 mm female part

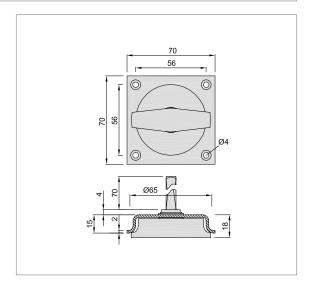
#### 5148..

 $70 \times 70$  with 7 mm spindle part

Rotary handle fixed pivoting, spindle of spindle part permanently riveted

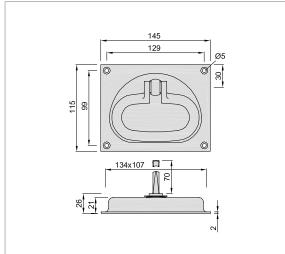
#### Note

You need sufficient depth for flush mounting.



Piece	Part no.	Finish no.
Piece	5047	.02





#### 5043...

145 x 115 with 8 mm female part

#### 5044..

145 x 115 with 8 mm spindle part

#### 5045...

145 x 115 with 9 mm female part

#### 5046...

145 x 115 with 9 mm spindle part

Ring handle fixed pivoting, spindle of spindle part permanently riveted.

This flush ring pull cannot be used in pairs or in combination with a door handle or knob.

#### Note

You need sufficient depth for flush mounting.

#### Standard design

Standard acsign		
steel/aluminium		
Recessed grip of steel with ri	ng	
of aluminium		
silver stove enamelled	.02	
black stove enamelled	.03	
dark brown stove enamelled	.10	
coloured plastic-coated	.70	

aluminium machined according to E 5		
Recessed grip of aluminium with	ed grip of aluminium with ring	
of aluminium		
KWS 1 silver anodised	.31	
KWS 2 nickel silver anodised	.32	
KWS 3 gold anodised	.33	
brushed stainless steel effect anodised	.35	
KWS 5 dark bronze anodised	.37	

packaging unit female part	8 pieces
spindle part	4 pieces
Piece weight	
steel/aluminium	0.440 kg
aluminium	0.230 kg

#### Order example

Piece	Part no.	Finish no.
Piece	5043	.02



ng
.02
.03
.10
.70

#### aluminium machined according to E 5

Recessed grip of aluminium with ring		
of aluminium		
KWS 1 silver anodised	.31	
KWS 2 nickel silver anodised	.32	
KWS 3 gold anodised	.33	
brushed stainless steel effect anodised	.35	
KWS 5 dark bronze anodised	.37	

unit	2 pieces	
Piece weight		
steel/aluminium	0.586 kg	
aluminium	0.300 kg	

Ring handle fixed pivoting, spindle of spindle part permanently riveted.

This flush ring pull cannot be used in pairs or in combination with a door handle or knob.

#### Note

You need sufficient depth for flush mounting.

#### 5160...

145 x 165 with 8 mm female part

#### 5161..

145 x 165 with 8 mm spindle part

#### 5162...

145 x 165 with 9 mm female part

#### 5163...

145 x 165 with 9 mm spindle part

Cut-out without cut-out or 60 mm profile cylinder with cut-out

#### 5164...

145 x 165 with 8 mm female part

#### 5165...

145 x 165 with 8 mm spindle part

#### 5166...

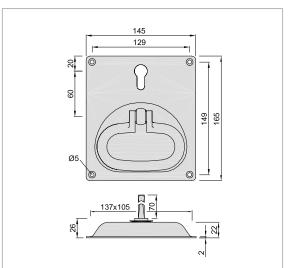
145 x 165 with 9 mm female part

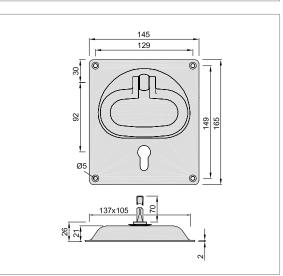
#### 5167...

145 x 165 with 9 mm spindle part

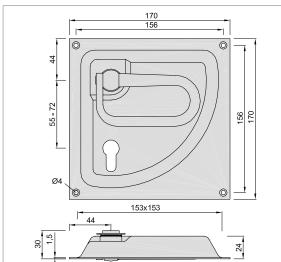
Cut-out without cut-out or 92 mm profile cylinder with cut-out

Piece	Part no.	Finish no.	Cut-out	Distance
Piece	5164	.02	profile cylinder	92









#### 5055...

170 x 170 with 8 mm female part

#### 5056...

170 x 170 with 8 mm spindle part

#### 5058...

170 x 170 with 9 mm female part

#### 5059..

 $170 \times 170$  with 9 mm spindle part

with flush-mounted, fixed pivoting ring handle, spindle of spindle part permanently riveted

#### Cut-out

without cut-out or with cut-out, e. g. profile cylinder, single tumbler, KABA, smallest distance for profile cylinder cut-out = 55 mm biggest distance for profile cylinder cut-out = 72 mm

This door fitting is available in a similar design of stainless steel: see 5061.. 5062.. and 5064.. 5065..

#### Note

You need sufficient depth for flush mounting.

Fig. depicts right door fitting.

#### Standard design

# steel/aluminium Recessed grip of steel with ring of aluminium silver stove enamelled .02 black stove enamelled .03 dark brown stove enamelled .10 coloured plastic-coated .70

aluminium machined according to E 5		
Recessed grip of aluminium with	ed grip of aluminium with ring	
of aluminium		
KWS 1 silver anodised	.31	
KWS 2 nickel silver anodised	.32	
KWS 3 gold anodised	.33	
brushed stainless steel effect anodised	.35	
KWS 5 dark bronze anodised	.37	

unit	2 pieces		
Piece weight			
steel/aluminium	0.440 kg		
aluminium	0.230 kg		

Piece	Part no.	Finish no.	Cut-out	Distance	right/left
Piece	5055	.02	profile cylinder	72	R



steel/aluminium		
Recessed grip of steel with handle		
of aluminium		
silver stove enamelled	.02	
black stove enamelled	.03	
dark brown stove enamelled	.10	
coloured plastic-coated	.70	

#### aluminium machined according to E 5

Recessed grip of aluminium with handle		
of aluminium		
KWS 1 silver anodised	.31	
KWS 2 nickel silver anodised	.32	
KWS 3 gold anodised	.33	
hrushed stainless steel effect anodised	35	

.37

2 pieces

#### stainless steel

unit

KWS 5 dark bronze anodised

### Recessed grip of stainless steel with handle

of stainless steel (see drawing below)		
brushed	.82	
polished	.83	

Piece weight	
steel/aluminium	0.480 kg
aluminium	0.220 kg
stainless steel	0.550 kg

#### 5061..

170 x 170 with 8 mm female part

#### 5062...

170 x 170 with 8 mm spindle part

#### 5064..

170 x 170 with 9 mm female part

#### 5065..

170 x 170 with 9 mm spindle part

with flush-mounted, fixed pivoting handle, spindle of spindle part permanently riveted

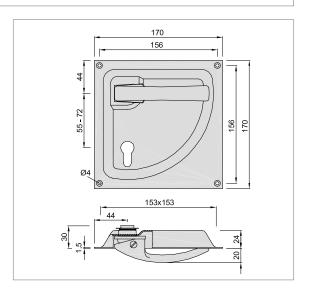
#### Cut-ou

without cut-out or with cut-out, e. g. profile cylinder, single tumbler, KABA, smallest distance for profile cylinder cut-out = 55 mm biggest distance for profile cylinder cut-out = 72 mm

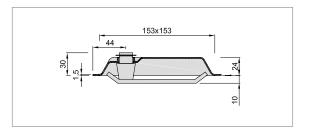
#### Note

## You need sufficient depth for flush mounting.

Fig. depicts right door fitting.

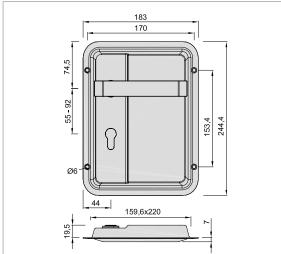






Piece	Part no.	Finish no.	Cut-out	Distance	right/left
Piece	5061	.82	profile cylinder	72	L





#### 5072..

183 x 244 with 8 mm female part

#### 5073...

183 x 244 with 8 mm spindle part

#### 5074...

183 x 244 with 9 mm female part

#### 5075...

 $183 \times 244$  with 9 mm spindle part

with flush-mounted, fixed pivoting handle, spindle of spindle part bolted

#### Cut-out

without cut-out or with cut-out, e. g. profile cylinder, KABA smallest distance = 55 mm biggest distance = 92 mm

More variations as well as installation drawings on request.

#### Note

You need sufficient depth for flush mounting.

Fig. depicts right door fitting.

#### Standard design

#### stainless steel

## Recessed grip of stainless steel with handle

## of stainless steel brushed .82 unit 2 pieces

Piece weight
stainless steel 0.550 kg





Piece	Part no.	Finish no.	Cut-out	Distance	right/left
Piece	5072	.82	profile cylinder	72	R

steel/aluminium	
back plate of steel	
silver stove enamelled	.02
black stove enamelled	.03
dark brown stove enamelled	.10
coloured plastic-coated	.70

aluminium machined according to E 5	
back plate of aluminium	
KWS 1 silver anodised	.31
KWS 2 nickel silver anodised	.32
KWS 3 gold anodised	.33
brushed stainless steel effect anodised	.35
KWS 5 dark bronze anodised	.37

Piece weight	
steel/aluminium	0.290 kg

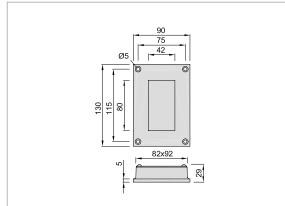
8 pieces

#### 5201..

90 x 130 mm

Note You need sufficient depth for flush mounting.





#### Standard design

unit

steel/aluminium	
back plate of steel	
silver stove enamelled	.02
black stove enamelled	.03
dark brown stove enamelled	.10
coloured plastic-coated	.70

#### aluminium machined according to E 5

back plate of aluminium	
KWS 1 silver anodised	.31
KWS 2 nickel silver anodised	.32
KWS 3 gold anodised	.33
brushed stainless steel effect anodised	.35
KWS 5 dark bronze anodised	.37

Packaging unit <b>5202</b> / <b>5203</b>	10 / 5 pieces
rackaging and Section Second	10 / 5 picces

Piece weight	
steel/aluminium <b>5202</b>	0.180 kg
steel/aluminium <b>5203</b>	0.260 kg

#### 5202...

60 x 140 mm

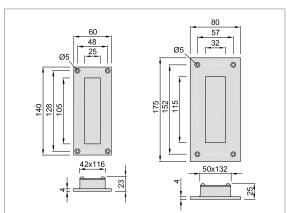
#### 5203..

80 x 175 mm

#### Note

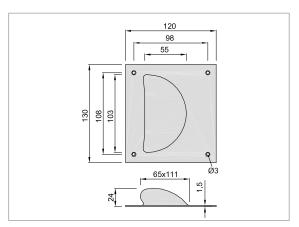
You need sufficient depth for flush mounting.





Piece	Part no.	Finish no.
Piece	5201	.02







120 x 130 mm

Note You need sufficient depth for flush mounting.



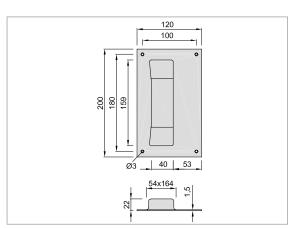
#### Standard design

steel	
silver stove enamelled	.02
black stove enamelled	.03
electro-galvanised	.06
dark brown stove enamelled	.10
coloured plastic-coated	.70

aluminium machined according to E 5	
KWS 1 silver anodised	.31
KWS 2 nickel silver anodised	.32
KWS 3 gold anodised	.33
brushed stainless steel effect anodised	.35
KWS 5 dark bronze anodised	.37

stainless steel	
brushed	.82
polished	.83
unit	10 pieces
Piece weight	
steel	0.210 kg
aluminium	0.070 kg
stainless steel	0.210 kg





#### 5206...

120 x 200 mm

Note You need sufficient depth for flush mounting.



#### Standard design

steel	
silver stove enamelled	.02
black stove enamelled	.03
electro-galvanised	.06
dark brown stove enamelled	.10
coloured plastic-coated	.70

aluminium machined according to E 5	
KWS 1 silver anodised	.31
KWS 2 nickel silver anodised	.32
KWS 3 gold anodised	.33
brushed stainless steel effect anodised	.35
KWS 5 dark bronze anodised	.37

stainless steel	
brushed	.82
polished	.83
unit	10 pieces
Piece weight	
steel	0.330 kg
aluminium	0.100 kg
stainless steel	0.330 ka

Piece	Part no.	Finish no.
Piece	5205	.02

steel	
silver stove enamelled	.02
black stove enamelled	.03
electro-galvanised	.06
dark brown stove enamelled	.10
coloured plastic-coated	.70

aluminium machined according to E 5		
KWS 1 silver anodised	.31	
KWS 2 nickel silver anodised	.32	
KWS 3 gold anodised	.33	
brushed stainless steel effect anodised	.35	
KWS 5 dark bronze anodised	.37	

stainless steel	
brushed	.82
polished	.83
unit	10 pieces
 Piece weight	
steel	0.260 kg
aluminium	0.080 kg
stainless steel	0.260 kg

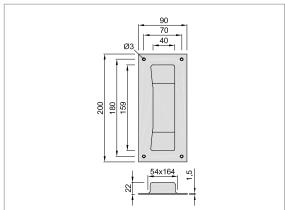
#### 5207..

90 x 200 mm

Note You need sufficient depth for flush mounting.







#### Standard design

steel	
silver stove enamelled	.02
black stove enamelled	.03
electro-galvanised	.06
dark brown stove enamelled	.10
coloured plastic-coated	.70

aluminium machined according to E 5	
KWS 1 silver anodised	.31
KWS 2 nickel silver anodised	.32
KWS 3 gold anodised	.33
brushed stainless steel effect anodised	.35
KWS 5 dark bronze anodised	.37

stainless steel	
brushed	.82
polished	.83
unit	10 pieces
Piece weight	
steel	0.260 kg
aluminium	0.080 kg
stainless steel	0.260 kg

#### Order example

Piece	Part no.	Finish no.
Piece	5207	.02

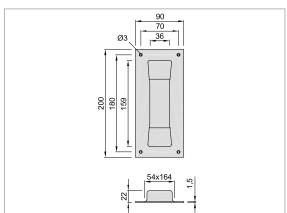
#### 5208..

90 x 200 mm

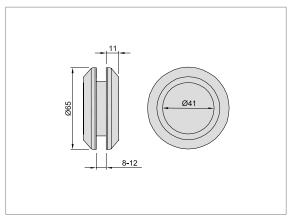
#### Note You need sufficient depth for flush mounting.











#### 5250..

 $\emptyset$  65 mm sliding door flush pull for glass doors 8 - 12 mm

outer rings of aluminium, brass or stainless steel inner part of aluminium anodised



#### Mounting

Bore diameter of glass door =  $\emptyset$  50 mm Insert inner part and twist the

Insert inner part and twist the two outer rings with plastic discs firmly against each other.

#### Standard design

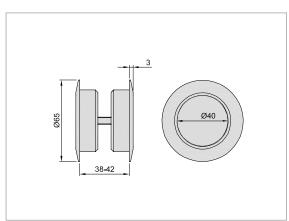
aluminium machined according to E 6	
KWS 1 silver anodised	.41
KWS 2 nickel silver anodised	.42

brass	
brushed and lacquered	.62
polished and lacquered	.66

brushed	.82
polished	.83

unit	1 piece
Piece weight	
aluminium	0.095 kg
brass	0.220 kg
stainless steel	0.200 kg





#### 5251..

Ø 65 mm sliding door flush pull for doors 38 - 42 mm More door thicknesses from 32 mm on request



#### Mounting

Bore diameter of wood door = Ø 50 mm Insert one flush part, tighten counterpart with grub screw.

#### Standard design

unit

aluminium machined according to E 6	
KWS 1 silver anodised	.41
KWS 2 nickel silver anodised	.42
stainless steel	
brushed	.82

Piece weight	
aluminium	0.140 kg
brass	0.400 kg
stainless steel	0.405 kg

1 piece

Piece	Part no.	Finish no.
Piece	5250	.41

stainless steel	
brushed	.82
unit	1 piece
Piece weight	
stainless steel	0.333 kg

#### 5260...

65 x 65 mm

sliding door flush pull for glass doors 8 - 10 mm

4 x adhesive strips

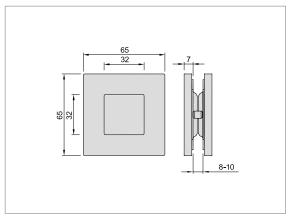


#### Mounting

Bore diameter of glass door = Ø 50 mm

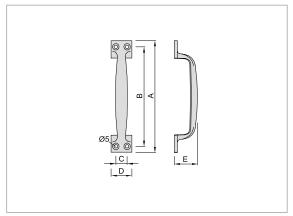
- 1. Mount flush female part: Remove foil from adhesive strips, align flush part angularly, stick it on with the bore hole in the centre and press it on firmly. (For aligning the flush part we recommend an angle gauge or auxiliary lines. Once fixed the flush part should not be removed again.)
- 2. Mount flush spindle part: Remove foil from the adhesive strips and stick the flush part on neatly and free of grease (aligned by the guide pins).
- 3. Press on both flush parts firmly, especially on the adhesive strips.
- 4. The adhesive strips have to be left alone to harden for 24 hours.





Piece	Part no.	Finish no.
Piece	5260	.82





530	3			
Α	В	C	D	E
140	126	13	25	29
530	4			
160	145	16	31	35
530	5			
180	160	18	34	38
530	6			
200	180	19	35	42
530	7			
230	210	20	37	47

light version

of grey iron casting with flush countersunk screw holes

## Standard design cast iron

Cast IIOII		
silver stove enamelled	.02	
black stove enamelled	.03	
packaging unit <b>5303 5304 5305 5306</b>	10 pieces	
packaging unit <b>5307</b>	5 pieces	
Piece weight		
cast iron 5303	0.090 kg	
5304	0.170 kg	
5305	0.240 kg	
5306	0.300 kg	
5307	0.400 kg	



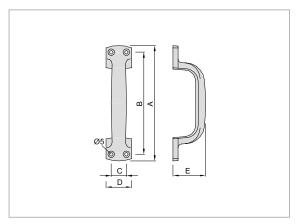
5309					
Α	В	C	D	E	
180	159	25	43	56	
531	0				
200	175	25	44	57	
531	1				
235	210	30	49	56	

heavy version

of grey iron casting with flush countersunk screw holes

#### Standard design

cast iron	
silver stove enamelled	.02
black stove enamelled	.03
unit	5 pieces
Piece weight	
cast iron 5309	0.490 kg
5310	0.550 kg
5311	0.680 kg



Piece	Part no.	Finish no.
Piece	5303	.02

aluminium	
coloured plastic-coated	.70

aluminium machined according to E 5	
KWS 1 silver anodised	.31
KWS 2 nickel silver anodised	.32
KWS 3 gold anodised	.33
KWS 5 dark bronze anodised	.37

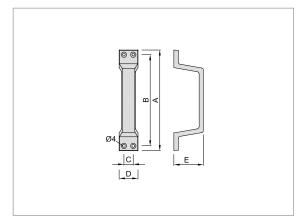
unit	10 pieces

Piece weight		
aluminium	5312	0.080 kg
	5313	0.090 kg
	5314	0.110 kg

531	2			
Α	В	C	D	E
140	125	15	30	44
531	3			
160	145	15	30	47
531	4			
180	165	15	30	50

of aluminium casting with flush-countersunk screw holes





Standard design

aluminium	
coloured plastic-coated	.70

aluminium machined according to E 5	
KWS 1 silver anodised	.31
KWS 2 nickel silver anodised	.32
KWS 3 gold anodised	.33
KWS 5 dark bronze anodiced	27

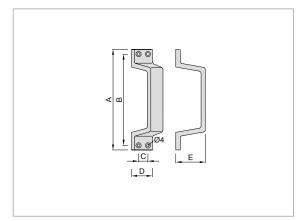
unit	10 pieces

Piece weight		
aluminium	5315	0.080 kg
	5316	0.090 kg
	5317	0.110 kg

531	5			
Α	В	C	D	E
140	125	15	30	44
531	6			
160	145	15	30	47
531	7			
180	165	15	30	50

of aluminium casting with flushcountersunk screw holes offset





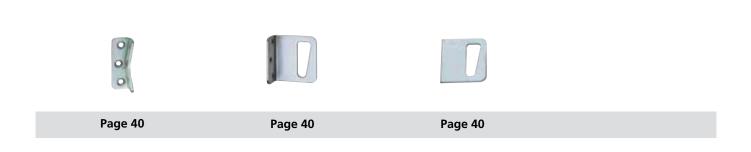
Piece	Part no.	Finish no.
Piece	5312	.31



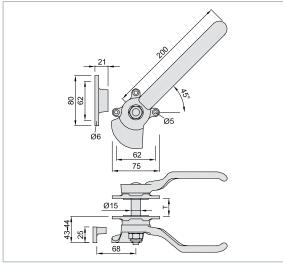












6001	
T =	door thickness
	25 - 30 mm
6002	
	30 - 35 mm
6003	
	35 - 40 mm
6004	
	40 - 45 mm
6005	
	45 - 50 mm
6006	
	50 - 55 mm
6007	
	55 - 60 mm

60 - 65 mm

65 - 70 mm

6008..

6009...

#### Standard design

malleable cast iron	
silver stove enamelled	.02
hot galvanised	.07
unit	1 piece
Piece weight	
malleable cast iron	1.340 kg

for two-sided door operation of malleable cast iron with centre spindle of steel, with clamp, pressure spring, felt gasketing

other door thicknesses on request

#### Mounting

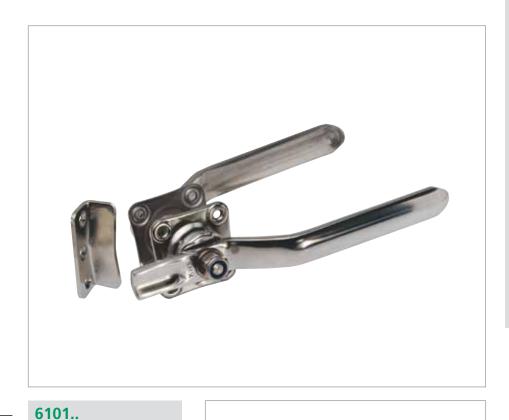
Bore a hole into the door for the spindle according to the dimensions of the below drawing, screw on the fixing rosettes with the shimmed felt gasketing in such a way that two screw holes each align with the centre hole horizontally or vertically, put through the spindle part and tighten the female part with laid-on pressure spring with a lock nut.

Fix the clamp in the relevant position in the door frame.

The actuation path of the lever is at 45°. The lock should be installed in such a way that the lever faces diagonally upwards at 45° in the open position.

Fig. depicts lock for left door

Piece	Part no.	Finish no.	right/left
Piece	6001	.02	L



- · · · · · · · · · · · · · · · · · · ·	
steel	
electro-galvanised	.06
stainless steel	
brushed	.82
polished	.83
unit	1 piece
Piece weight	
steel	1.230 kg
stainless steel	1.180 kg

for two-sided door operation of steel or stainless steel, with lock plate, pressure spring, felt gasketing

Other door thicknesses on request

#### Mounting

Bore a hole into the door for the spindle according to the dimensions of the below drawing, screw on the fixing rosettes with the shimmed felt gasketing in such a way that two screw holes each align with the centre hole horizontally or vertically, put through the spindle part and tighten the female part with laid-on pressure spring with a lock nut.

Fix the lock plate in the relevant position in the door frame.

The actuation path of the lever is at 90°. The lock should be installed in such a way that the lever faces upwards in the open position.

usable for right and left.

#### Order example

Piece	Part no.	Finish no.
Piece	6101	.06



**6106..** 50 - 55 mm

55 - 60 mm

6107..

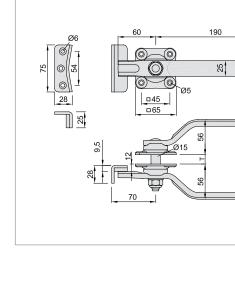
6108..

100..

60 - 65 mm

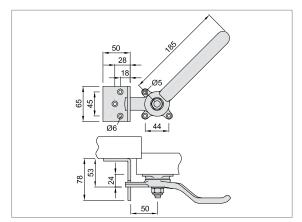
6109..

65 - 70 mm









#### 6028...

with angled strike plate for one-sided door operation, of malleable cast iron, angled strike plate of steel

Fig. depicts lock for right door

#### Standard design

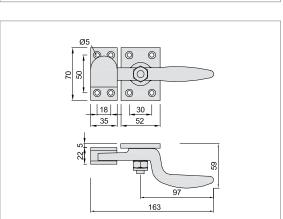
malleable cast iron	
silver stove enamelled	.02
hot galvanised	.07
unit	1 piece
Piece weight	
malleable cast iron	0.810 kg

#### Mounting

The lock is screwed on according to the dimensions of the drawing shown here and the strike plate fixed in the relevant position. The lock should be installed in such a way that the lever is level in the open position. The actuation path of the lever is at 45°.

Fig. depicts lock for right door





#### 6029..

locking lever of malleable cast iron on base plate of steel, clamp of steel

#### Standard design

malleable cast iron	
silver stove enamelled	.02
hot galvanised	.07
unit	5 pieces
Piece weight	
malleable cast iron	0.610 kg

Piece	•	Part no.	Finish no.	right/left
Piece		6028	.02	R



.06
.82
.83
1 piece

Piece weight		
steel	6128	0.700 kg
	6129	0.770 kg
stainless steel	6128	0.680 kg
	6129	0.750 kg

for one-sided door operation of steel or stainless steel

#### Mounting

The lock is screwed on according to the dimensions of the drawing shown here and the strike plate welded or screwed on in the relevant position. The lock should be mounted in such away that the lever is level when in closed position and facing downwards when in open position. The actuation path of the lever is at 90°.

#### Note

**6128..**: usable for right and left **6129..**: when ordering please indicate right or left

Fig. depicts lock for right door

#### Order example

Piece	Part no.	Finish no.	right/left
Piece	6128	.06	R

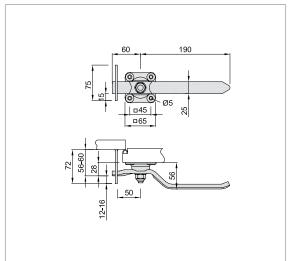
#### 6128...

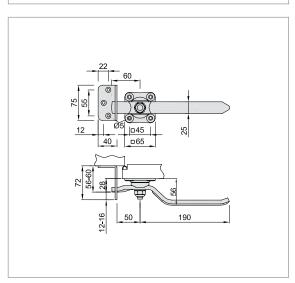
with strike plate for welding on usable for right and left

#### 6129...

with angled strike plate for screwing on









26-56** Q <sub>N</sub> 47
91x35x4 91x35x4 91x35x4 91x35x4 91x35x4 91x35x4 91x35x4
M5 68 68 68 68 68 68 68 68 68 68 68 68 68

6791	
	L
	580
6792	
	up to 700
6793	
	up to 800
6794	
	up to 900
6795	
	up to 1000
6796	
	up to 1100
6797	
	up to 1200

with lockable gear box

for 2-leaf fire and smoke control doors type T 30-2 T 120-2

Other bolt lengths: T 60-2 38 mm, T 90-2 48 mm, T 120-2 56 mm.

Scope of supply: 1x latch

1x gear box with fixed pivoting handle

1x mounting plate for gear box

1x retainer plate for receiving the latch

2x countersunk screws
M5x16 DIN 963-4.8
2x rounded countersunk screy

2x rounded countersunk screws M5x30 DIN 964-4.8



#### Standard design

Standard design	
latch steel, zinc-electroplated	
handle and gear box of steel, zinc- electroplated	.06
Handle (with steel core insert) and additional gear box protective cover of aluminium machined according to E4 - KWS 1 silver anodised, gear box of steel, zinc-electroplated	.22
handle and gear box of steel, coloured plastic-coated	.70
handle and additional gear box protective cover of stainless steel brushed, gear box of steel, zinc-electroplated	.82
handle and additional gear box protective cover of stainless steel polished, gear box of steel, zinc-electroplated	.83
unit	1 piece
Piece weight	
steel	1.930 kg
aluminium	2.030 kg
stainless steel	2.110 kg

#### Mounting

The retainer plate and the strike plate for the gear box according to dimension L are to be welded on the reception tube that was incorporated when manufacturing the door. The latch is pushed into the reception tube and fixed with two screws on the door leaf top edge.

The gear box is screwed on the mounting plate through the door plate with two screws with the handle facing vertically upwards. Two cams fitted on the back of the gear box for stability reasons are to be inserted into the door plate.

#### Vote

The tappet for actuating the latch protrudes at the gear box for door type T 30-2 26 mm. If not indicated otherwise, we take this generally for granted when supplying.

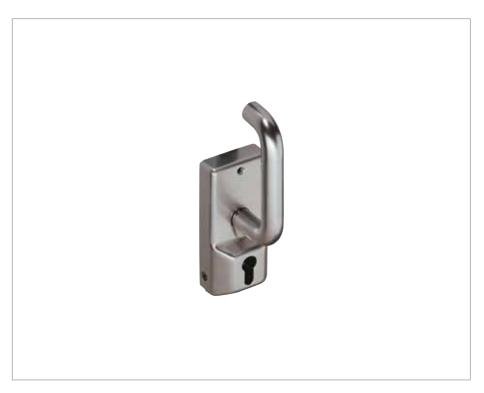
Dimension L is the length from top edge latch forend to centre pivot point of the gear box handle. This results in the fact that the dimension always amounts to 100 mm less than the total length.

The gear box can be exchanged for already mounted, non-lockable gear boxes.

For locking a standard profile half cylinder is required which is not included in the scope of supply. The cylinder prevents the actuation of the handle.

Tested and approved by Staatl. Material-prüfungsamt North Rhine-Westfalia, Dortmund (Material Testing Institute). We are pleased to place a copy of the test report (P-120002485) at your disposal on request.

Piece	 Part no.	Finish no.	L	Туре
Piece	6791	.06	580	T 30-2



handle and gear box of steel, zinc- electroplated	.06
Handle (with steel core insert) and additional gear box protective cover of aluminium machined according to E4 - KWS 1 silver anodised, gear box of steel, zinc-electroplated	.22
handle and gear box of steel, coloured plastic-coated	.70
handle and additional gear box protective cover of stainless steel brushed, gear box of steel, zinc-electroplated	.82
handle and additional gear box protective cover of stainless steel polished, gear box of steel, zinc-electroplated	.83
unit	1 piece

Piece weight	
steel	0.810 kg
aluminium	0.910 kg
stainless steel	0.990 kg

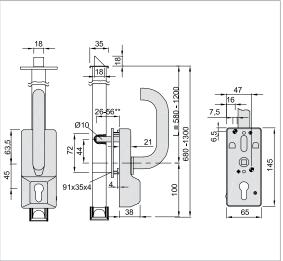
#### 6693...

gear box with fixed pivoting handle, lockable

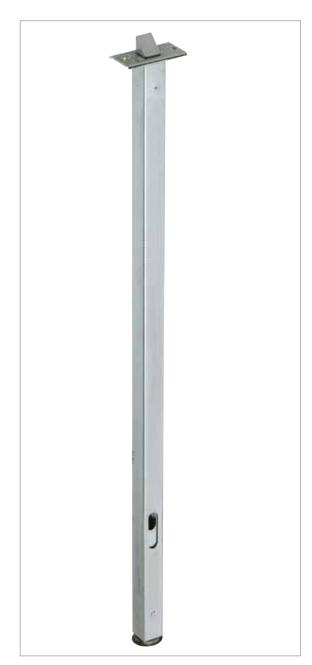
For locking a standard profile half cylinder is requiredwhich is not included in the scope of supply. The cylinder prevents the actuation of the handle.

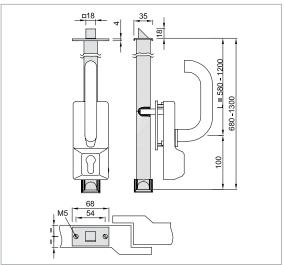
Tested and approved, in combination **6591..** to **6597..** by Staatl. Materialprüfungsamt North Rhine-Westfalia, Dortmund (Material Testing Institute). We are pleased to place a copy of the test report (P-120002485) at your disposal on request.





Piece	Part no.	Finish no.	Type
Piece	6693	.82	T 30-2





6591	
	L
	580
6592	
	up to 700
6593	
	up to 800
6594	
	up to 900
6595	
	up to 1000
6596	
	up to 1100

latch (without gear box)

6597...

Tested and approved, in combination with **6693.** by Staatl. Material-prüfungsamt North Rhine-Westfalia, Dortmund (Material Testing Institute).

up to 1200

We are pleased to place a copy of the test report (P-120002485) at your disposal on request.

from **6091**.. to **6097**.. and **6791**.. to **6797**..

#### Standard design

steel	,
electro-galvanised	.06
unit	1 piece

Piece	Part no.	Finish no.	L	
Piece	6591	.06	580	

inless steel	
shed	.82
t	1 piece
ce weight	
nless steel	0.396 kg
These steet	

#### Mounting

Fix hinge bottom part on door frame. Insert hinge top part into the door frame. Insert spindle receiving parts into the door leaf. Put door leaf onto the hinge bottom part (90° to the door frame). Screw top spindle by means of adjusting screw in the door leaf.

Please refer to the mounting drawing enclosed with the product for further information.

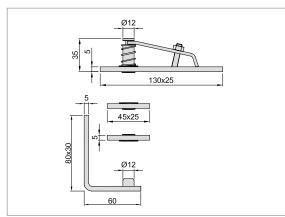
#### 6206...

For doors up to 60 kg without needle bearing

Door hinge with pivot spindle of stainless steel for unrebated doors







#### Standard design

stainless steel	
brushed	.82
unit	1 piece
 Piece weight	
stainless steel	0.402 kg

#### Mounting

Fix hinge bottom part on door frame. Insert hinge top part into the door frame. Insert spindle receiving parts into the door leaf. Put door leaf onto the hinge bottom part (90° to the door frame). Screw top spindle by means of adjusting screw in the door leaf.

Please refer to the mounting drawing enclosed with the product for further information.

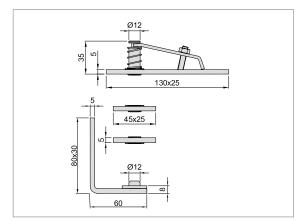
#### 6207...

For doors up to 80 kg with needle bearing

Door hinge with pivot spindle of stainless steel for unrebated doors



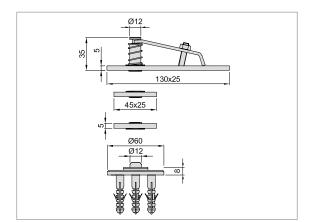




Piece	Part no.	Finish no.
Piece	6206	.82

#### **KWS Pivot Hinges**





#### 6208...

for doors up to 120 kg with needle bearing

door hinge with pivot spindle of stainless steel for unrebated doors



#### Standard design

stainless steel	
brushed	.82
unit	1 piece
Piece weight	-
stainless steel	0.386 kg

#### Mounting

Mount hinge bottom part on the floor. Insert hinge top part into the door frame. Insert spindle receiving parts into the door leaf. Put door leaf onto the hinge bottom part (90° to the door frame). Screw top spindle by means of adjusting screw in the door leaf. Please refer to the mounting drawing enclosed with the product for further information.

Piece	Part no.	Finish no.
Piece	6208	.82

.82
1 piece
0.176 kg

#### Mounting

The mounting is effected on the door frame on the lock side. Please refer to the mounting drawing enclosed with the product for further information.

#### 6250...

door stop with hold-back facility

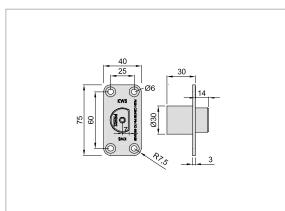
#### 6252...

door stop with hold-back facility with additional release

for unrebated doors emergency opening to the outside, especially for toilet doors in combination with door hinge 6206.. 6207.. 6208..







#### Standard design

stainless steel	
brushed	.82
unit	1 piece
Piece weight	
stainless steel	0.225 ka

#### Mounting

The mounting is effected on the door frame on the lock side. Please refer to the mounting drawing enclosed with the product for further information.

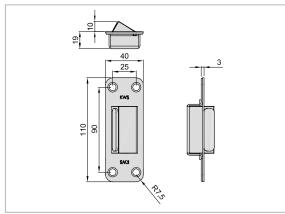
#### 6251..

door stop for depressing

for unrebated doors emergency opening to the outside, especially for toilet doors in combination with door hinge 6206.. 6207.. 6208..







Piece	Part no.	Finish no.
Piece	6250	.82



#### 6531..

strike plate

Please indicate: right or left handed

C+-				-:-	
Sta	noa	ıra	ne	SIC	ın

see 6028	
steel	
silver stove enamelled	.02
hot galvanised	.07
unit	1 piece



#### 6533..

catch

#### Standard design

see 6029	
steel	
silver stove enamelled	.02
hot galvanised	.07
unit	1 piece



#### 6536...

catch

#### Standard design

see 6001 to 6009	
cast iron	
silver stove enamelled	.02
hot galvanised	.07
unit	1 piece



#### 6537..

catch



#### Standard design

see 6101 to 6109	
steel	
electro-galvanised	.06
stainless steel	
brushed	.82
polished	.83
unit	1 piece



#### 6538..

strike plate

Please indicate: right or left handed



6538 see 6129	
6539 see 6128	
steel	
electro-galvanised	.06
stainless steel	
brushed	.82
polished	.83



#### 6539..

strike plate



#### Order example

unit

Piece	-	Part no.	Finish no.	right/left
Piece		6531	.07	R

1 piece

## **Appendix** Numbers Chart

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#### Short symbols for the finishes of aluminium

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

#### Finish codes

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

#### Aluminium E 4

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

#### Aluminium E 5

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

#### Aluminium E 6

natural finish, chemical dipped	.40
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	
special anodised colour	.49

#### Brass

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

#### Plastic coated colours

	.70
golden yellow	RAL 1004
flame red	RAL 3000
ruby red <b>(.76)</b>	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 <b>(.72)</b>	RAL 9016
other RAL colours on request	

#### Stainless steel

natural finish	.80
brushed	.82
polished	.83

#### Plastic / rubber / wood

PVC	.95
rubber	.96
beech wood	.98

#### **HELM Range**

TILLIN Kange		
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



	<i>9</i> -
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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