

The background of the top section is a solid blue color with white technical line drawings of various mechanical and architectural hardware components, including brackets, hinges, and structural elements.

**ARCHITECTURAL HARDWARE**

# THE COMPACT HÄFELE

[www.hafele.co.id](http://www.hafele.co.id)



Door Handles



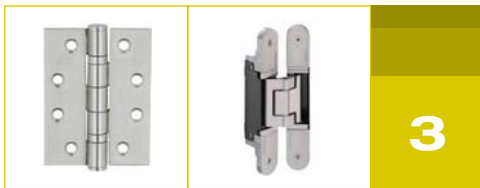
Glass Fittings



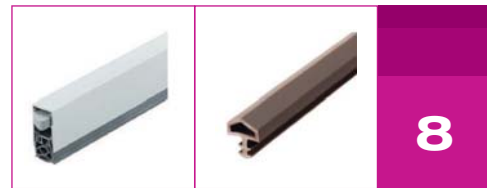
Locking and Security



Door Accessories



Door Hinges



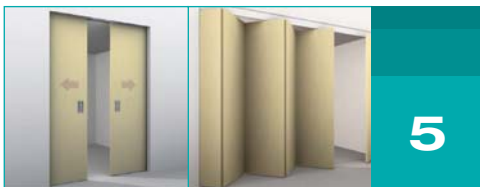
Door Seals



Door Closers



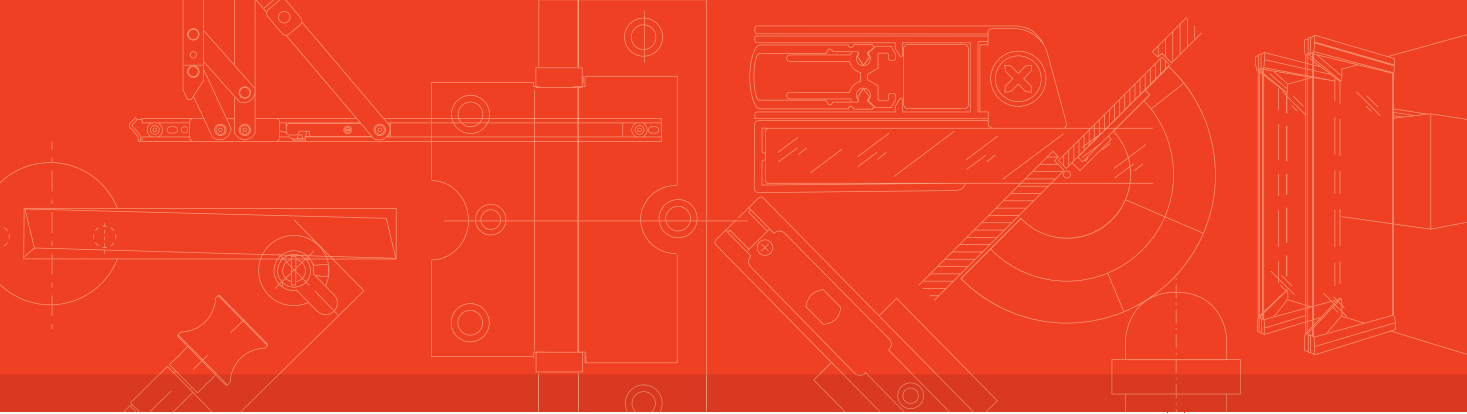
Window Fittings



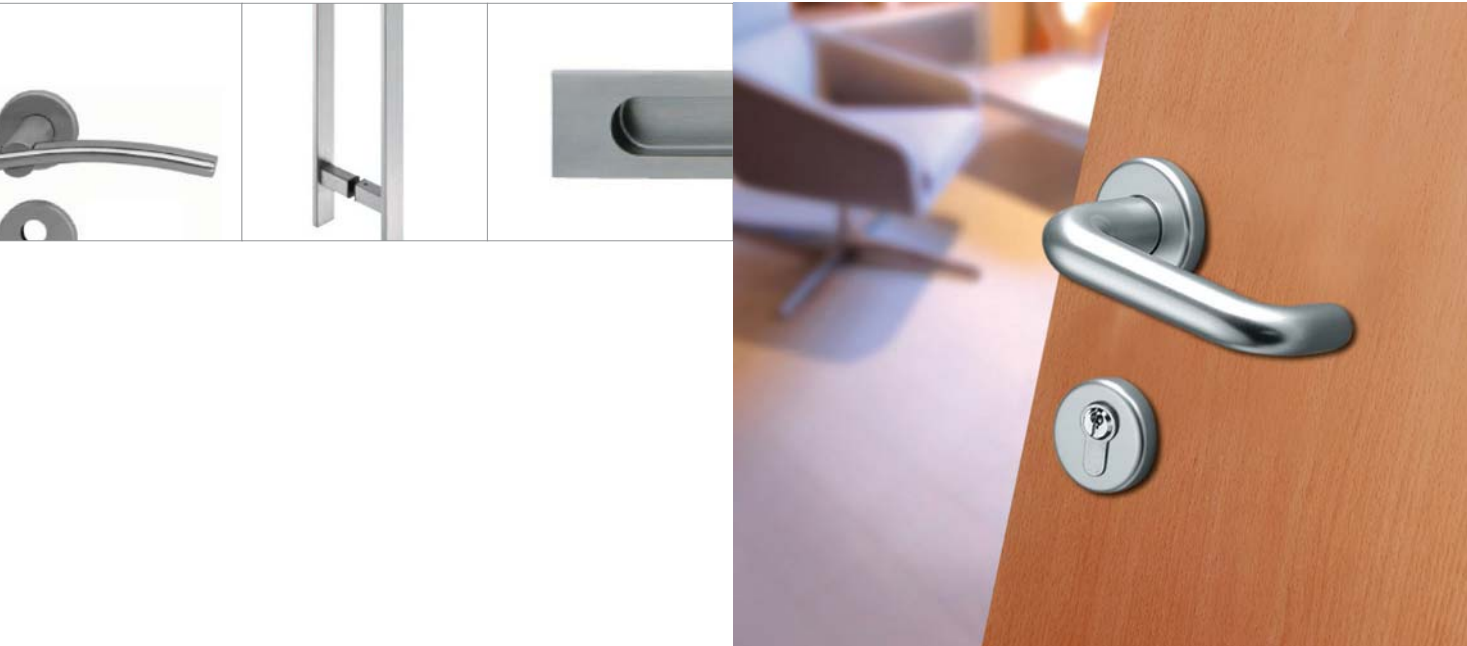
Sliding and Folding Door Fittings



Consumables



# 1 Door Handles



ST.ST.



902.92.220  
"SANDRA" PC LEVER HANDLE,  
ST.ST. MATT (304)  
Packing: 1 pc

ST.ST.



902.92.870  
PC LEVER HANDLE, ST.ST.  
MATT (304)  
Packing: Set

ST.ST.



903.98.487  
PC LEVER HANDLE, ST.ST.  
MATT (316)  
Packing: Set

ST.ST.



903.99.016  
PC LEVER HANDLE, ST.ST.  
MATT (304)  
Packing: Set



902.92.230  
"SARA" PC LEVER HANDLE,  
ST.ST. MATT (304)  
Packing: 1 pc



902.92.890  
PC LEVER HANDLE, ST.ST.  
MATT (304)  
Packing: Set



903.98.486  
PC LEVER HANDLE, ST.ST.  
MATT (316)  
Packing: Set



903.99.545  
PC LEVER HANDLE, ST.ST.  
MATT (304)  
Packing: Set



902.92.240  
"SOFIE" PC LEVER HANDLE,  
ST.ST. MATT (304)  
Packing: 1 pc



902.92.590  
PC LEVER HANDLE, ST.ST.  
MATT (304)  
Packing: 1 pc



903.98.485  
PC LEVER HANDLE, ST.ST.  
MATT (316)  
Packing: Set



903.99.010  
PC LEVER HANDLE, ST.ST.  
MATT (304)  
Packing: Set



903.99.427  
PC LEVER HANDLE, ST.ST.  
MATT (304)  
Packing: 1 pc



902.92.370  
PC LEVER HANDLE, ST.ST.  
MATT (304)  
Packing: 1 pc



903.98.167  
PC LEVER HANDLE, ST.ST.  
MATT (304)  
Packing: Set



902.92.850  
PC LEVER HANDLE, ST.ST.  
MATT (304)  
Packing: Set

We reserve the right to alter specifications without notice (AH Compact Catalogue 2012)

ST.ST.



Fireproof Series

903.92.919  
PC LEVER HANDLE FIRE  
PROOF ST.ST. MATT  
Packing: 1 pc



Fireproof Series

903.92.913  
PC LEVER HANDLE FIRE  
PROOF ST.ST. MATT  
Packing: 1 pc



Fireproof Series

903.92.929  
PC LEVER HANDLE FIRE  
PROOF ST.ST. MATT  
Packing: 1 pc



Fireproof Series

903.92.923  
PC LEVER HANDLE FIRE  
PROOF ST.ST. MATT  
Packing: 1 pc

ST.ST.



Fireproof Series

903.92.939  
PC LEVER HANDLE FIRE  
PROOF ST.ST. MATT  
Packing: 1 pc



BR. NI.PL.

900.92.006  
PC LEVER HANDLE, BR. NI.PL.  
POL/MATT PVD  
Packing: 1 pc



900.92.376  
PC LEVER HANDLE, BR. NI.PL.  
MATT PVD  
Packing: 1 pc

ZI.AL.



StarTec

900.92.002  
PC LEVER HANDLE, ZI.AL.  
CHR/ST.MATT  
Packing: Set



900.92.142  
PC LEVER HANDLE, ZI.AL.  
CHR.POL  
Packing: Set



900.92.176  
PC LEVER HANDLE, ZI.AL.  
SATIN CHROME  
Packing: Set



900.92.305  
PC LEVER HANDLE, ZI.AL. BR.  
POL. FINISHED  
Packing: Set

ALU



905.82.209  
PC LEVER HANDLE, ALU.  
STEEL COLOURED AD.  
Packing: Set

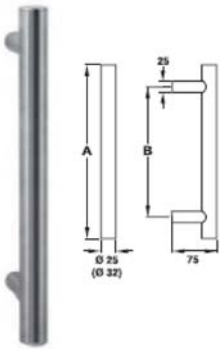


904.92.170  
PC LEVER HANDLE, ALU.  
STEEL COLOURED  
Packing: Set



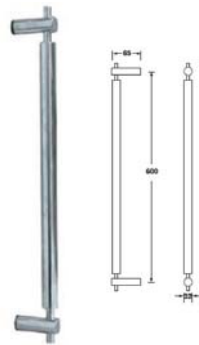
904.92.319  
PC LEVER HANDLE, ALU.  
STEEL COLOURED AD.  
Packing: Set

We reserve the right to alter specifications without notice (AH Compact Catalogue 2012)

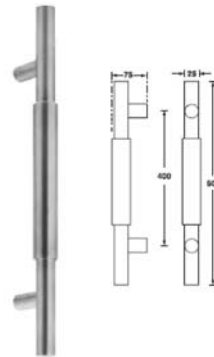


903.00.430  
PULL BAR HANDLE D25mm,  
SS MATT 1,000mm

903.00.630  
PULL BAR HANDLE D32mm,  
SS MATT 1,000mm  
Packing: Set



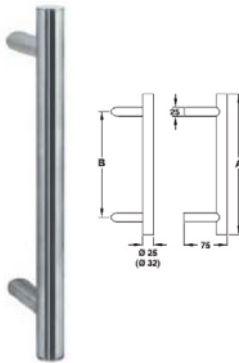
903.00.696  
PULL BAR HANDLE SS MATT  
600mm  
Packing: Set



903.00.100  
PULL BAR HANDLE SS MATT  
500mm  
Packing: Set

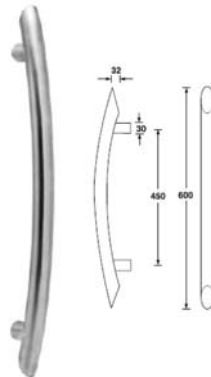


903.99.323  
PULL BAR HANDLE SS MATT  
600mm  
Packing: 1 Pair

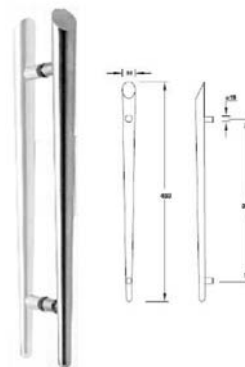


903.00.530  
PULL BAR HANDLE D25mm,  
SS MATT 1,000mm

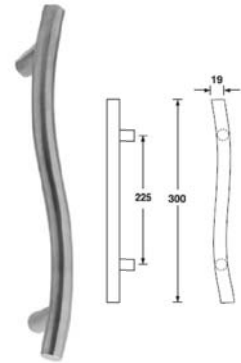
903.00.730  
PULL BAR HANDLE D32mm,  
SS MATT 1,000mm  
Packing: Set



903.00.090  
PULL BAR HANDLE SS MATT  
600mm  
Packing: Set

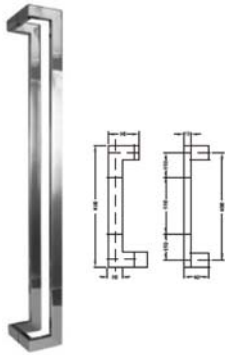


903.99.340  
PULL BAR HANDLE SS MATT  
450mm  
Packing: 1 Pair

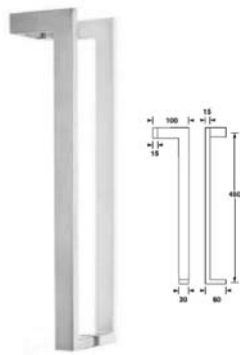


903.00.080  
PULL BAR HANDLE SS MATT  
300mm  
Packing: 1 Pair

We reserve the right to alter specifications without notice (AH Compact Catalogue 2012)



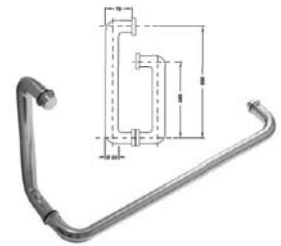
903.01.388  
PULL BAR HANDLE SS MATT  
830mm  
Packing: Set



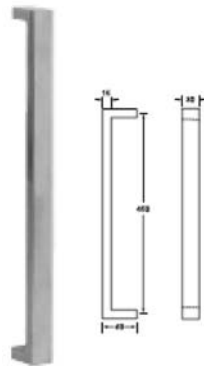
903.99.358  
PULL BAR HANDLE SS MATT  
450mm  
Packing: 1 Pair



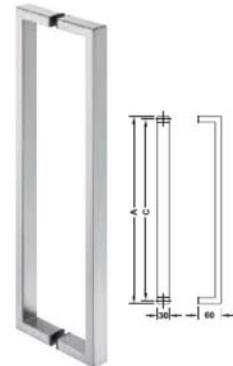
903.03.454  
PULL BAR HANDLE SS MATT  
600mm  
Packing: 1 Pair



903.01.365  
SHOWER PULL BAR HANDLE  
SS MATT 500mm



903.00.070  
PULL BAR HANDLE SS MATT  
450mm  
Packing: Set



903.03.256  
PULL BAR HANDLE SS MATT  
630mm  
Packing: 1 Pair



903.03.554  
PULL BAR HANDLE SS MATT  
600mm  
Packing: 1 Pair

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ST.ST.



151.38.052  
FLUSH HANDLE ROUND  
60mm, ST.ST. MATT  
Packing: 1 pc



152.50.052  
FLUSH HANDLE 69mm,  
ST.ST. MATT  
Packing: 1 pc



152.51.053  
FLUSH HANDLE 175mm,  
ST.ST. MATT  
Packing: 1 pc

ST.ST.



152.51.051  
FLUSH HANDLE 129mm,  
ST.ST. MATT  
Packing: 1 pc



152.52.052  
FLUSH HANDLE 185mm,  
ST.ST. MATT  
Packing: 1 pc



151.35.665  
FLUSH HANDLE 110mm,  
ZI.NI.PL.MATT  
Packing: 1 pc

ZI.NI.PL

ST.ST.



902.00.590  
FLUSH RING HANDLE 74mm,  
ST.ST. MATT. 1 SIDE  
Packing: 1 pc



981.10.041  
FLUSH HANDLE FOR GLASS  
10mm, 65mm, ST.ST.  
Packing: 1 pc



981.10.051  
FLUSH HANDLE FOR GLASS  
10mm, 65mm, ST.ST.  
Packing: 1 pc

ALU



904.00.802  
FLUSH HANDLE FOR GLASS  
10mm, 65mm, ALU.SILV.  
Packing: 1 pc



126.39.925  
ALU.PROFILE HANDLE,  
2500mm/47mm, ALU.SILV.  
Packing: 1 pc



**For product details**  
see The Complete Häfele for  
Architecture Hardware

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## 2 Locking and Security



StarTec



911.07.082  
MORTISE LOCK STD, PC,  
24/55mm, ST.ST. MATT  
Packing: 1 pc

911.87.083  
MORTISE LOCK STD, PC,  
24/55mm, BR. POL  
Packing: 1 pc

StarTec



911.26.021  
MORTISE f/ SLIDING, PC,  
20/55mm, ST.ST. MATT

911.26.022  
MORTISE f/ SLIDING, PC,  
20/55mm, BR. POL.  
Packing: 1 pc

StarTec



911.22.546  
MORTISE DEADBOLT LOCK,  
55mm ST.ST. MATT  
Packing: 1 pc



911.26.412  
MORTISE PULL HANDLE,  
ENTRANCE, NI.PL.  
Packing: Set

911.26.410  
MORTISE PULL HANDLE,  
ENTRANCE, BR. PL.  
Packing: 1 pc

911.26.411  
MORTISE PULL HANDLE,  
ENTRANCE, AN.BR.  
Packing: 1 pc

StarTec



911.02.153  
MORTISE LOCK, PC, 24/55mm,  
ST.ST. MATT  
Packing: 1 pc

911.02.154  
MORTISE LOCK, PC, 24/55mm,  
BR. POL  
Packing: 1 pc

StarTec



911.22.297  
MORTISE DEADBOLT LOCK,  
20/55mm, ST.ST. MATT  
Packing: 1 pc

911.22.298  
MORTISE DEADBOLT LOCK,  
20/55mm, BR. POL.  
Packing: 1 pc

StarTec



911.75.021  
NARROW MORTISE LOCK  
30mm, ST.ST. MATT  
Packing: 1 pc

911.75.023  
NARROW MORTISE LOCK  
35mm, ST.ST. MATT  
Packing: 1 pc



911.26.422  
MORTISE PULL HANDLE,  
BATHROOM, NI.PL.  
Packing: Set

911.26.420  
MORTISE PULL HANDLE,  
BATHROOM, BR. PL.  
Packing: 1 pc

911.26.421  
MORTISE PULL HANDLE,  
BATHROOM, AN.BR.  
Packing: 1 pc

StarTec



911.24.008  
MORTISE ROLLER, PC,  
24/55mm, ST.ST. MATT  
Packing: 1 pc

911.24.009  
MORTISE ROLLER, PC,  
24/55mm, BR. POL.  
Packing: 1 pc

StarTec



911.24.010  
MORTISE SWING DOOR LACH,  
ST.ST. MATT  
Packing: 1 pc

911.24.011  
MORTISE SWING DOOR LACH,  
BR. POL.  
Packing: 1 pc

StarTec



911.22.274  
NARROW DEAD BOLT 30mm,  
ST.ST. MATT  
Packing: 1 pc

911.22.275  
NARROW DEAD BOLT 30mm,  
BR. PL. POL.  
Packing: 1 pc



911.26.432  
MORTISE PULL HANDLE,  
DUMMY, NI.PL. Packing: 1 pc

911.26.430  
MORTISE PULL HANDLE,  
DUMMY, BR. PL. Packing: 1 pc

911.26.431  
MORTISE PULL HANDLE,  
DUMMY, AN.BR. Packing: 1 pc

We reserve the right to alter specifications without notice (AH Compact Catalogue 2012)



911.64.215  
KNOB LOCKSET ENTRANCE,  
ST.ST. MATT. Packing: 1 pc

911.64.216  
KNOB LOCKSET ENTRANCE,  
BRASS POL. Packing: 1 pc



911.64.219  
KNOB LOCKSET WC, ST.ST.  
MATT. Packing: 1 pc

911.64.220  
KNOB LOCKSET WC, BRASS  
POL. Packing: 1 pc



911.64.330  
KNOB LOCKSET ENTRANCE,  
SS.MATT, MK SET 6.  
Packing: Set

911.64.340  
KNOB LOCKSET ENTRANCE, BR.  
POL, MK SET 6  
Packing: Set



911.22.395  
SINGLE DEAD BOLT w/ THUMBTURN,  
SS.MATT. Packing: 1 pc

911.22.396  
SINGLE DEAD BOLT w/ THUMBTURN,  
BR. POL. Packing: 1 pc



911.64.229  
DOUBLE DEAD BOLT w/ KEYS,  
ST.ST. MATT. Packing: 1 pc

911.64.228  
DOUBLE DEAD BOLT w/ KEYS,  
BR. POL. Packing: 1 pc



911.62.289  
ENGINEERING/  
SECURITY/  
SHAFT BOLT  
Packing: 1 pc

## Economy Cylinder



916.95.106  
DOUBLE PROFILE CYL.,  
30/30mm, BR. NI.PL.  
Packing: 1 pc



911.95.006  
SINGLE PROFILE CYL.,  
30/10mm, BR. NI.PL.  
Packing: 1 pc



916.00.007  
DOUBLE PROFILE CYL.,  
31.5/31.5mm, BR. NI.PL.  
Packing: 1 pc



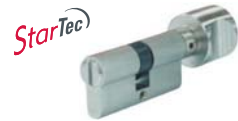
916.00.602  
SINGLE PROFILE CYL.,  
31.5/10mm, BR. NI.PL.  
Packing: 1 pc



911.95.306  
PROFILE CYL. w/ THUMB,  
30/30mm, BR. NI.PL.  
Packing: 1 pc



916.01.007  
PROFILE CYL. w/ THUMB.KEY,  
31.5/31.5mm, BR. NI.PL.  
Packing: 1 pc



916.95.406  
PROFILE CYL.w/ THUMB. WC,  
30/30mm, BR. NI.PL.  
Packing: 1 pc



916.08.523  
PROFILE CYL. w/ THUMB.  
WC,31.5/31.5mm, BR. NI.PL.  
Packing: 1 pc



916.95.206  
SINGLE THUMBTURN  
CYLINDER 30mm, BR. NI.PL.  
Packing: 1 pc

We reserve the right to alter specifications without notice (AH Compact Catalogue 2012)

## PED 100 PANIC EXIT DEVICE



901.02.439  
STEEL, POWDER COATED  
903.03.010  
STAINLESS STEEL, MATT

## PED 200 AND PED 210 ACCESSORIES ACCESSORIES



911.52.126  
LEVER HANDLE FOR OUTER  
SIDE



911.52.127  
KNOB FOR OUTER SIDE

## PED 200 PANIC EXIT DEVICE



With key action

901.02.449  
STEEL, POWDER COATED  
903.03.014  
STAINLESS STEEL, MATT



Vertical locking action,  
with key change

901.02.459  
STEEL, POWDER COATED  
903.03.016  
STAINLESS STEEL, MATT

## PED 200 AND PED 210 ACCESSORIES ACCESSORIES



911.52.113  
LEVER HANDLE FOR OUTER  
SIDE



911.52.114  
KNOB FOR OUTER SIDE



909.09.907  
DOGGING DEVICE



909.09.908  
MICRO SWITCH

## PED 200 AND PED 210 ACCESSORIES ACCESSORIES



901.02.393  
INTUMESCENT SEAL FOR  
FIRE RESISTANT AND SMOKE  
CONTROL DOORS



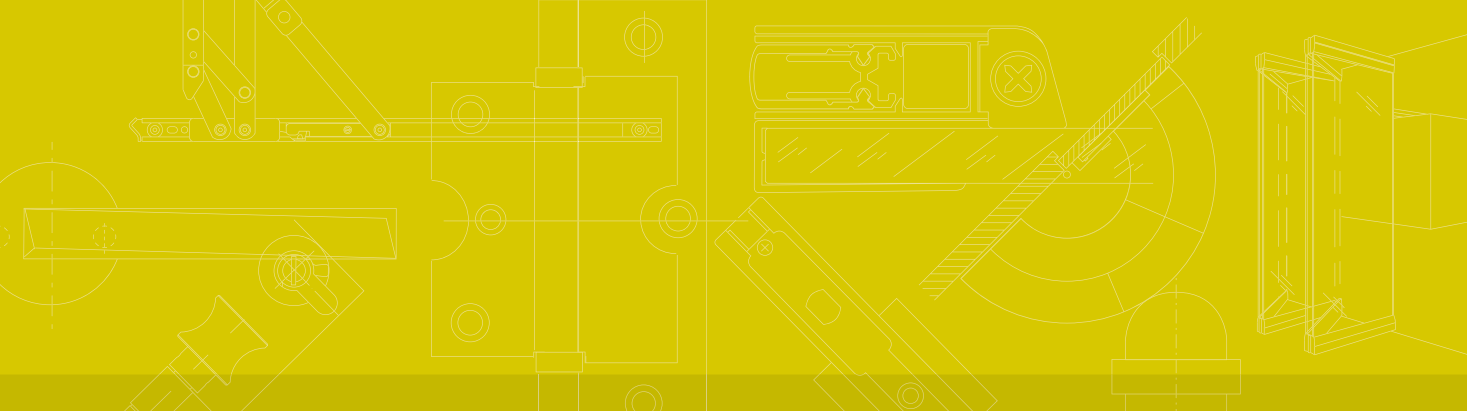
911.52.116  
TOP KEEP FOR ALUMINIUM  
DOORS



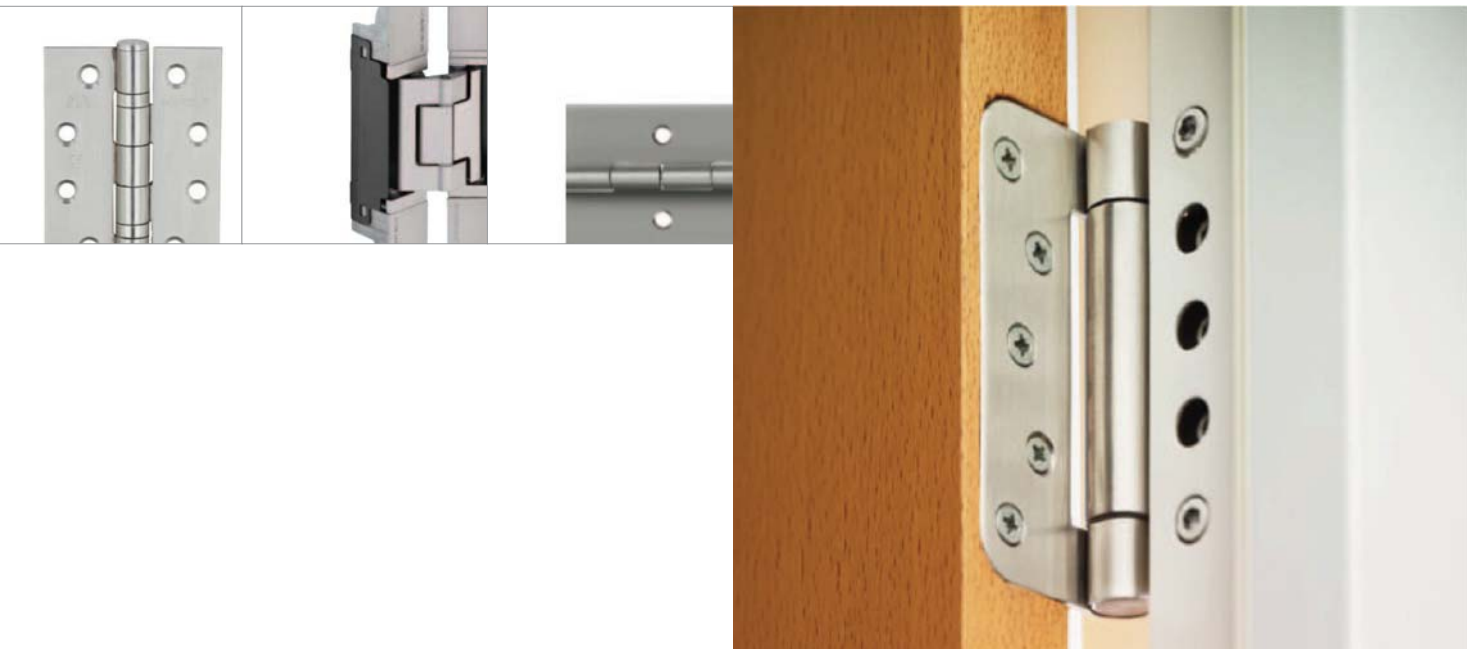
911.52.117  
TOP KEEP FOR PLASTIC  
DOORS



**For product details**  
see The Complete Häfele  
for Architecture Hardware



# 3 Door Hinges





**StarTec**  
kg  
70 kg\*

926.20.803  
BUTT HINGE 2BB, ST.ST. MATT,  
4"x3"x3mm. Packing: 1 pc  
926.20.880  
BUTT HINGE 2BB, BRA.POL.  
4"x3"x3mm. Packing: 1 pc



kg  
55 kg\*

921.17.140  
BUTT HINGE 2BB, ST.ST. MATT,  
4"x3"x2.5mm  
Packing: 1 pc

## TECTUS TE 640 3D A8



kg  
160 kg\*

924.17.504 (160 KG)  
CONCEALED MORTISE HINGE,  
STAINLESS STEEL DESIGN.  
Packing: 1 pc



kg  
120 kg\*

926.91.170  
CONTINUOUS HINGE  
2000x76x2.5mm, ST.ST. MATT  
Packing: 1 pc



**StarTec**  
kg  
120 kg\*

926.90.203  
BUTT HINGE 2BB, ST.ST.  
4"x3"x3mm. Packing: 1 pc  
926.90.280  
BUTT HINGE 2BB, BR. POL.,  
4"x3"x3mm. Packing: 1 pc



kg  
90 kg\*

921.17.035  
BUTT HINGE 4BB, ST.ST. MATT,  
4.5"x4"x4mm  
Packing: 1 pc

## TECTUS TE 540 3D



kg  
120 kg\*

924.17.204 (120 Kg)  
CONCEALED MORTISE HINGE,  
STAINLESS STEEL DESIGN.  
Packing: 1 pc



kg  
60 kg\*

927.01.303  
DOUBLE ACTION SPRING  
HINGE, ST.ST. MATT  
Packing: 1 pc



**ConstalSeries**  
kg  
160 kg\*

926.94.203  
BUTT HINGE 2BB, ST.ST.  
4"x3.5"x3mm.  
Packing: 1 pc



kg  
60 kg\*

926.10.041  
SPRING HINGE 114x102x3.4mm,  
ST.CHR.PL.MATT  
Packing: 1 pc



kg  
60 kg\*

927.91.426 (60 Kg)  
CONCEALED HINGES, NI.PL.  
MATT (DIN Left)  
Packing: 1 pc  
927.91.436 (60 Kg)  
CONCEALED HINGES, NI.PL.  
MATT (DIN Right)  
Packing: 1 pc



kg  
60 kg\*

927.98.000  
PIVOT HINGE 60 KG, ST.ST.  
MATT THICK 2.5mm  
Packing: 1 pair

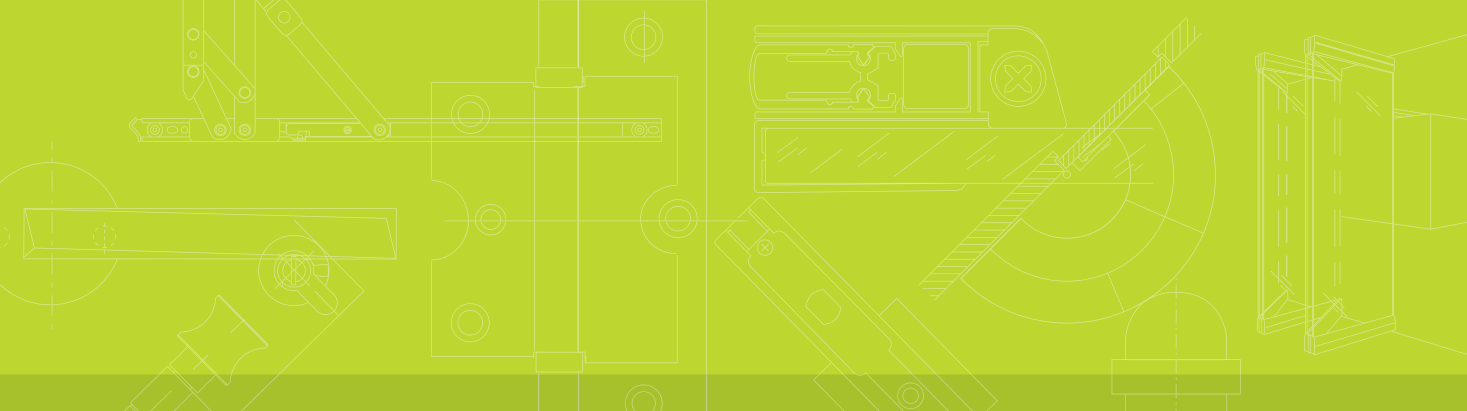
\* Max. Door weight  
with 3 hinges

\* Max. Door weight  
with 3 hinges

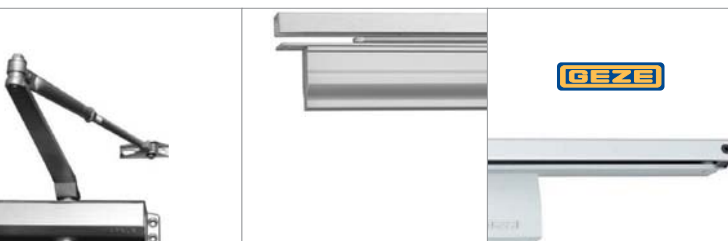
\* Max. Door weight  
with 3 hinges

\* Max. Door weight  
with 3 hinges

We reserve the right to alter specifications without notice (AH Compact Catalogue 2012)



# 4 Door Closers



StarTec<sup>®</sup> CE



DOOR CLOSER DCL 15, EN2-4  
931.84.629  
STANDARD ARM. Packing: 1 pc  
931.84.639  
HOLD OPEN ARM. Packing: 1 pc

StarTec<sup>®</sup> CE



DOOR CLOSER DCL 51, EN2-5  
931.84.829  
STANDARD ARM. Packing: 1 pc  
931.84.669  
HOLD OPEN ARM. Packing: 1 pc



931.85.009  
SLIDING DOOR CLOSER, MAX DOOR WEIGHT 40KG  
Packing: 1 pc

StarTec<sup>®</sup> CE



DOOR CLOSER DCL 61, EN2-4  
931.84.139  
STANDARD ARM. Packing: 1 pc  
931.84.119  
HOLD OPEN ARM. Packing: 1 pc

GEZE CE



931.16.989  
GEZE TS 2000NVBCG, EN2-3, SILV.COL.  
Packing: 1 pc

warrington CE  
certification  
Fire certification by Warrington



DCL 33 CONCEAL.DR.CLOSER NBC  
931.84.039  
EN2-4 SILV. Packing: 1 pc  
931.84.269  
HO EN2-4, SILV. Packing: 1 pc

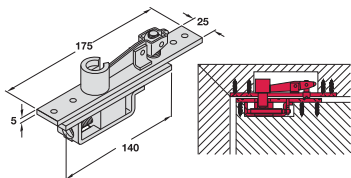
GEZE



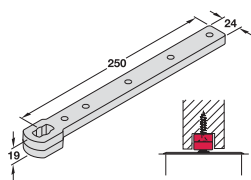
FLOOR SPRING TS 500N GEZE  
932.10.041  
100KG. Packing: 1 pc  
932.10.051  
150KG. Packing: 1 pc  
932.10.061  
300KG. Packing: 1 pc  
  
932.10.130, 932.10.140  
COVER PLATE ST.ST. DESIGN  
Packing: 1 pc

We reserve the right to alter specifications without notice (AH Compact Catalogue 2012)

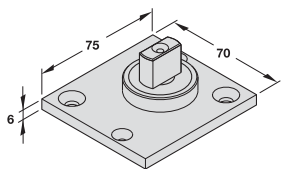




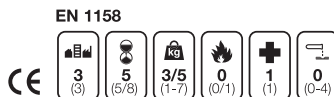
932.10.410  
TOP PIVOT GEZE MIN HINGE WITHOUT ANGLE  
Packing: 1 pc



932.10.270  
DOOR RAIL GEZE. Packing: 1 pc.



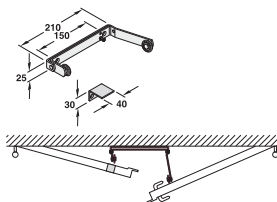
932.10.601  
PIVOT BEARING GEZE, 250 Kg  
Packing: 1 pc



DOOR SELECTOR  
931.95.909  
ALU. SILVER. Packing: 1 set  
931.95.900  
ALU. ST.ST. SATIN. Packing: 1 set



932.86.934  
SINGLE ACTION FITTING SET. Packing: 1 pc



931.97.902  
DOOR SELECTOR, CHR.PL. Packing: 1 set



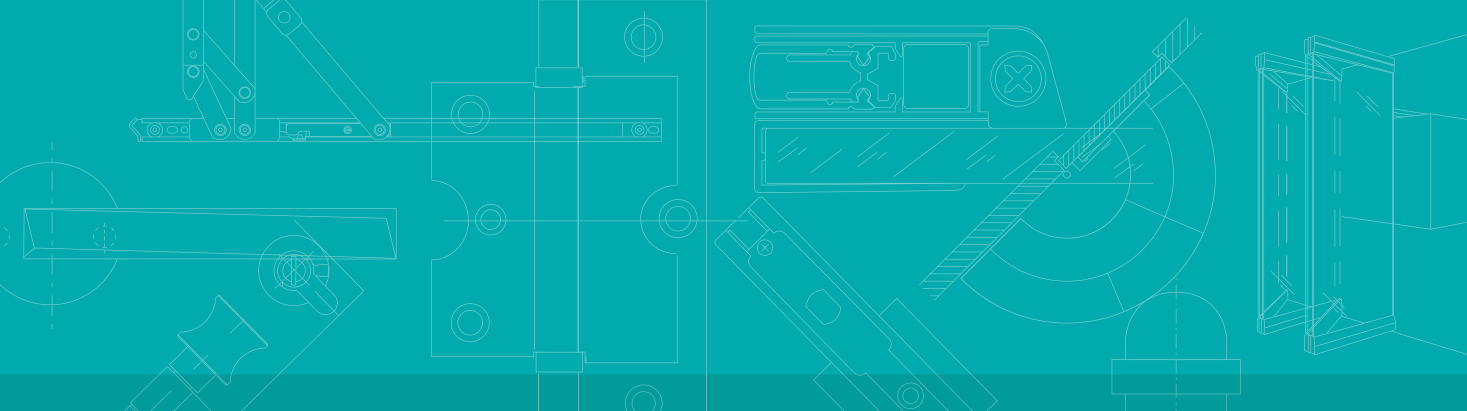
FLOOR BEARING, MAX. DOOR  
932.77.090  
WEIGHT 120 Kg. Packing: 1 pc  
932.86.920  
WEIGHT 400 Kg. Packing: 1 pc



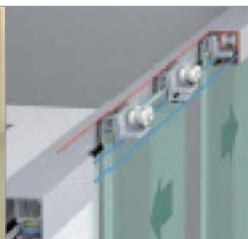
DOUBLE ACTION FLOOR SPRING  
932.77.000  
EN2, 80 Kg. Packing: 1 pc  
932.77.010  
EN3, 100 Kg. Packing: 1 pc  
932.77.020  
EN4, 120 Kg. Packing: 1 pc



**For product details**  
see The Complete Häfele  
Architecture Hardware



# 5 Sliding and Folding Door Fittings





940.60.001  
SILENT 60/A, FITTING SET FOR 1 DOOR. 1 set

RUNNING TRACK

940 60.420	2000mm. 1 pc
940 60.430	3000mm. 1 pc
940 60.440	4000mm. 1 pc
940 60.460	6000mm. 1 pc

**kg**  
80 kg



941.02.002  
SILENT 100/B, FITTING SET FOR 1 DOOR. 1 set

RUNNING TRACK

940 60.420	2000mm. 1 pc
940 60.430	3000mm. 1 pc
940 60.440	4000mm. 1 pc
940 60.460	6000mm. 1 pc

**kg**  
100 kg



941.62.001  
SILENT 160/A, FITTING SET FOR 1 DOOR. 1 set

RUNNING TRACK

941 62.200	2000mm. 1 pc
941 62.300	3000mm. 1 pc
941 62.400	4000mm. 1 pc
941 62.600	6000mm. 1 pc

**kg**  
160 kg



940.60.000  
SILENT 60/C, FITTING SET FOR 1 DOOR. 1 set

RUNNING TRACK

940 60.420	2000mm. 1 pc
940 60.430	3000mm. 1 pc
940 60.440	4000mm. 1 pc
940 60.460	6000mm. 1 pc

**kg**  
80 kg



941.02.003  
SILENT 100/C, FITTING SET FOR 1 DOOR. 1 set

RUNNING TRACK

940 60.420	2000mm. 1 pc
940 60.430	3000mm. 1 pc
940 60.440	4000mm. 1 pc
940 60.460	6000mm. 1 pc

**kg**  
100 kg



941.62.003  
SILENT 160/C, FITTING SET FOR 1 DOOR. 1 set

RUNNING TRACK

940 62.200	2000mm. 1 pc
940 62.300	3000mm. 1 pc
940 62.400	4000mm. 1 pc
940 62.600	6000mm. 1 pc

**kg**  
160 kg

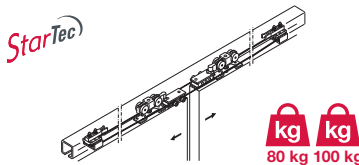


941.02.001  
SILENT 100/A, FITTING SET FOR 1 DOOR. 1 set

RUNNING TRACK

940 60.420	2000mm. 1 pc
940 60.430	3000mm. 1 pc
940 60.440	4000mm. 1 pc
940 60.460	6000mm. 1 pc

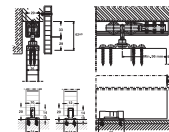
**kg**  
100 kg



940.44.000  
ADDITIONAL SET SILENT  
SYNCHRO, 60/A & 100/A

**kg kg**  
80 kg 100 kg

## Junior 60/Slimline HAWA



*CoastalSeries*

**kg**  
80 kg

940.62.001  
60/Slimline, FITTING SET FOR 1 DOOR. 1 set

RUNNING TRACK

940 62.920	2000mm. 1 pc
940 62.930	3000mm. 1 pc
940 62.940	4000mm. 1 pc
940 62.960	6000mm. 1 pc

We reserve the right to alter specifications without notice (AH Compact Catalogue 2012)



940.80.001  
JUNIOR 80/Z, FITTING SET FOR 1 DOOR. 1 set

RUNNING TRACK

940.80.200	2000mm. 1 pc
940.80.300	3000mm. 1 pc
940.80.400	4000mm. 1 pc
940.80.600	6000mm. 1 pc



941.20.001  
JUNIOR 120/A, FITTING SET FOR 1 DOOR. 1 set

RUNNING TRACK

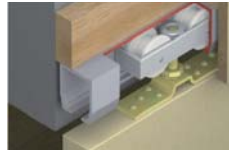
941.20.200	2000mm. 1 pc
941.20.300	3000mm. 1 pc
941.20.400	4000mm. 1 pc
941.20.600	6000mm. 1 pc



940.80.002  
JUNIOR 80/B, FITTING SET FOR 1 DOOR. 1 set

RUNNING TRACK

940.80.200	2000mm. 1 pc
940.80.300	3000mm. 1 pc
940.80.400	4000mm. 1 pc
940.80.600	6000mm. 1 pc



941.60.001  
JUNIOR 160/A, FITTING SET FOR 1 DOOR. 1 set

RUNNING TRACK

941.60.200	2000mm. 1 pc
941.60.300	3000mm. 1 pc
941.60.400	4000mm. 1 pc
941.60.600	6000mm. 1 pc



940.81.006  
JUNIOR 80/GP, FITTING SET FOR 1 DOOR. 1 set

RUNNING TRACK

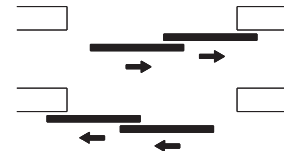
940.80.200	2000mm. 1 pc
940.80.300	3000mm. 1 pc
940.80.400	4000mm. 1 pc
940.80.600	6000mm. 1 pc
940.40.032	Floor guide free of play. 1 pc

*\*Please order Cover caps separately!*



940.41.027  
COVER CAP SQUARE, PL. ST.ST. COL.  
Packing: 1 set

940.40.023  
COVER CAP ROUNDED, PL. ST.ST. COL.  
Packing: 1 set



940.80.007  
TELESCOPIC 80/Z,  
FITTING SET FOR 2 DOOR\*. 1 set

RUNNING TRACK

940.80.200	2000mm. 1 pc
940.80.300	3000mm. 1 pc
940.80.400	4000mm. 1 pc
940.80.600	6000mm. 1 pc

*\*Please order Junior Fitting 80/2 separately!*



940.81.009  
SYMMETRIC 80/Z,  
FITTING SET FOR 2 DOOR\*. 1 set

RUNNING TRACK

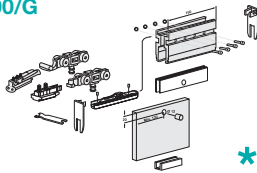
940.80.200	2000mm. 1 pc
940.80.300	3000mm. 1 pc
940.80.400	4000mm. 1 pc
940.80.600	6000mm. 1 pc

*\*Please order Junior Fitting 80/Z separately!*

## Silent 100/G

StarTec

kg  
100 kg



940.60.080  
SILENT 100/G, GLASS CLAMP KIT 10mm. 1 set  
940.60.081  
SILENT 100/G, GLASS CLAMP KIT 12mm. 1 set

### RUNNING TRACK

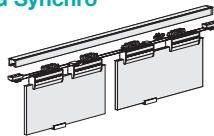
940 60.420	2000mm. 1 pc
940 60.430	3000mm. 1 pc
940 60.440	4000mm. 1 pc
940 60.460	6000mm. 1 pc

*\*Please order Silent 100/C or 100/CS separately!*

## Silent 100/G Synchro

StarTec

kg  
100 kg



940.60.091  
SILENT 100/G Synchro,  
FITTING SET FOR 2 DOOR. 1 set

### RUNNING TRACK

940 60.420	2000mm. 1 pc
940 60.430	3000mm. 1 pc
940 60.440	4000mm. 1 pc
940 60.460	6000mm. 1 pc

*\*Please order Silent 100/C or 100/CS separately!*

## Sliding glass door concealed profile Silent 100

StarTec



### COVER PLATE

940.60.522	2000mm. 1 pc
940.60.532	3000mm. 1 pc
940.60.542	4000mm. 1 pc
940.60.562	6000mm. 1 pc

940.60.064  
SIDE COVER FOR COVER PLATE. 1 pair

### CLIP ON PROFILE

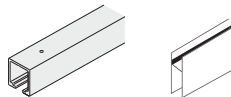
940 60.523	2000mm. 1 pc
940 60.533	3000mm. 1 pc
940 60.543	4000mm. 1 pc
940 60.563	6000mm. 1 pc

## Telescopic 80 HAWA



Hawa  
kg  
60 kg

940.80.010  
TELESCOPIC 80/G  
FITTING SET FOR 2 DOOR. 1 set



### RUNNING TRACK

940.80.200	2000mm. 1 pc
940.80.300	3000mm. 1 pc
940.80.400	4000mm. 1 pc
940.80.600	6000mm. 1 pc

### GLASS SUSPENSION GLASS UP TO 16mm

942.56.865	6500mm. 1 pc
942.56.832	3250mm. 1 pc

### GLASS UP TO 10mm

942.44.023	6500mm. 1 pc
942.44.031	3250mm. 1 pc



901.01.226  
FLUSH PULL HANDLE, SATIN N.I.PL.  
Packing: 1 pc



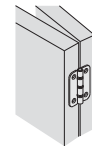
940.78.106  
SLIDING GLASS DOOR LOCK MINIMA,  
SATIN N.I.PL. Packing: 1 pc

940.78.116  
STRIKE BOX MINIMA, SATIN N.I.PL. Packing: 1 pc

981.14.126  
FLAT STRIKE PLATE FOR HOOK LOCK,  
SATIN N.I.PL. Packing: 1 pc

## Bifold Silent 50/A

StarTec  
kg  
50 kg

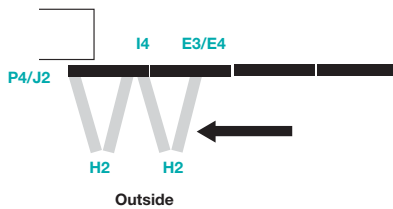


941.04.001  
BIFOLD SILENT 50/A,  
FITTING SET FOR 2 DOOR. 1 set

### RUNNING TRACK

940.42.920	2000mm. 1 pc
940.42.930	3000mm. 1 pc
940.42.940	4000mm. 1 pc
940.42.960	6000mm. 1 pc

## Al Fresco 75 kg Sets



943.34.400

**P4** PIVOT ASSEMBLY NON MORTISE  
Packing: 1 set

943.32.450

**J2** JAMB HINGE NON-MORTISE  
Packing: 1 set

943.32.420

**H2** INTER. HINGE/HANDLE SET  
NON MORTISE  
Packing: 1 set

943.34.430

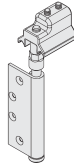
**I4** INTER. HANGER SET NON MORTISE  
Packing: 1 set

943.34.410

**E4** END HANGER SET NON-REBATED  
Packing: 1 set



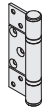
**P4**



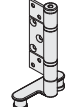
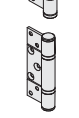
**J2**



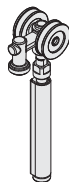
**H2**



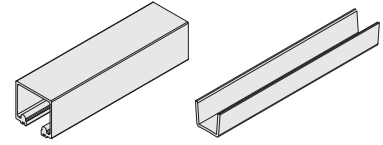
**I4**



**E4**



## Accessories

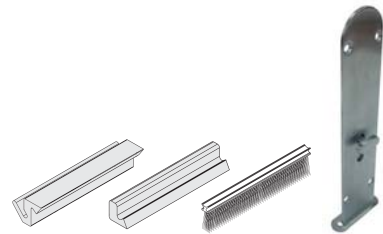


### RUNNING TRACK

943.32.920	2000mm. 1 pc
943.32.930	3000mm. 1 pc
943.32.960	6000mm. 1 pc

### BOTTOM GUIDE CHANNEL

943.33.720	2000mm. 1 pc
943.33.730	3000mm. 1 pc



950.06.201

FRAME SEAL, BROWN. Packing: meter

950.06.207

DOOR SEAL, BROWN. Packing: meter

950.06.291

TRACK SEAL. Packing: meter

911.62.670

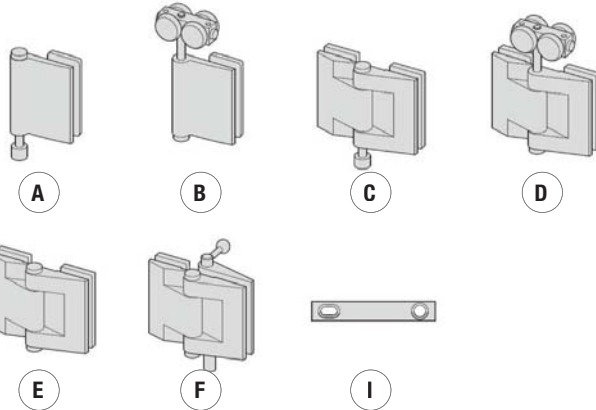
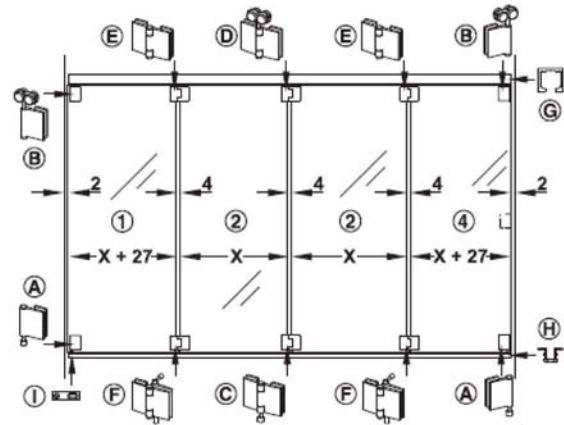
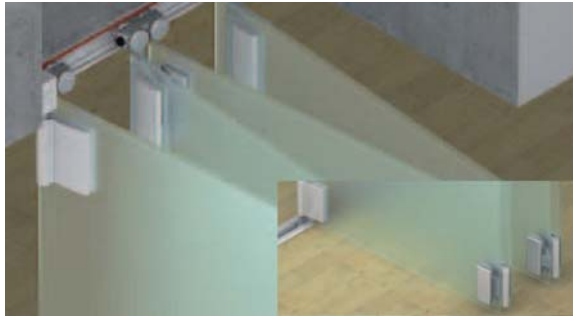
FLUSH BOLT, 190mm, ST.ST. MATT. Packing: 1 pc

911.62.671

FLUSH BOLT, 450mm, ST.ST. MATT. Packing: 1 pc

For more details application please contact our  
Customer Service Hotline **+62 21 7587 6666**

## Fold 55-S Folding And Sliding Door Fitting



946.49.053

**A** BOTTOM END HINGE

946.49.052

**B** TOP END HINGE

946.49.077

**C** BOTTOM FOLDING DOOR HINGE

946.49.076

**D** TOP FOLDING DOOR HINGE, RUNNING GEAR

946.49.074

**E** TOP FOLDING DOOR HINGE, WITHOUT LOCK

946.49.075

**F** BOTTOM FOLDING DOOR HINGE

946.49.061

**I** FLUSH FIT SOCKET FOR END HINGE **A**

### Order reference

Number of door leaves	<b>A</b> 946.49.053	<b>B</b> 946.49.052	<b>C</b> 946.49.077	<b>D</b> 946.49.076	<b>E</b> 946.49.074	<b>F</b> 946.49.075	<b>I</b> 946.49.061
2-leaf	2 pieces	2 pieces	–	–	1 piece	1 piece	1 piece
3-leaf	1 piece	1 piece	1 piece	1 piece	1 piece	1 piece	1 piece
4-leaf	2 pieces	2 pieces	1 piece	1 piece	2 pieces	2 pieces	1 piece
5-leaf	1 piece	1 piece	2 pieces	2 pieces	2 pieces	2 pieces	1 piece
6-leaf	2 pieces	2 pieces	2 pieces	2 pieces	3 pieces	3 pieces	1 piece

### Running and guide tracks



**G**

TOP RUNNING TRACK, ALU.

946.49.943  
946.49.946

3000mm. Silver coloured  
6000mm. Anodized



**H**

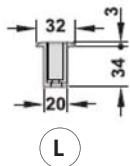
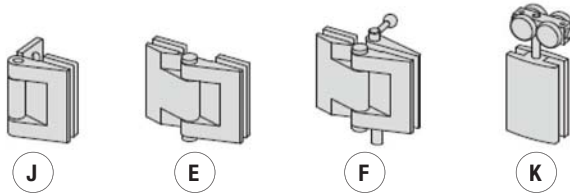
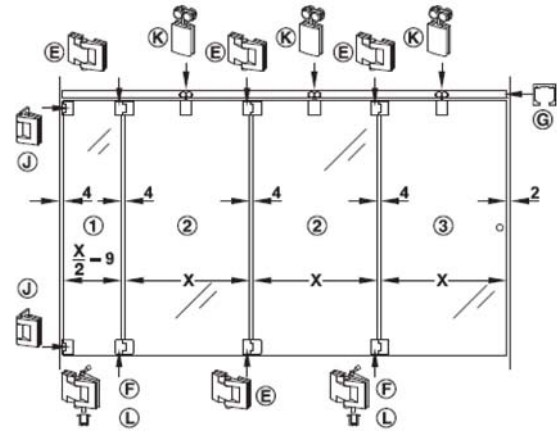
BOTTOM GUIDE TRACK, ALU.

946.49.833  
946.49.836

3000mm. Silver coloured  
6000mm. Anodized



## Fold 70-R Folding And Sliding Door Fitting



- 946.49.054
- J** TOP AND BOTTOM END HINGE
- 946.49.074
- E** TOP AND BOTTOM FOLDING DOOR HINGE
- 946.49.075
- F** BOTTOM FOLDING DOOR HINGE
- 946.49.080
- K** TOP GLASS CLAMP
- 946.49.090
- L** ECCENTRIC BUSH, ADJUSTABLE, FOR FOLDING DOOR HINGE **F**
- 946.49.091
- L** ECCENTRIC BUSH, ADJUSTABLE, WITH PROTECTIVE COVER, FOR FOLDING DOOR HINGE **F**

### Order reference

Number of door leaves	<b>J</b> 946.49.054	<b>E</b> 946.49.074	<b>F</b> 946.49.075	<b>K</b> 946.49.080	<b>L</b> 946.49.090 / 946.49.091
1.5-leaf	2 pieces	1 piece	1 piece	1 piece	1 piece
2.5-leaf	2 pieces	3 pieces	1 piece	2 pieces	1 piece
3.5-leaf	2 pieces	4 pieces	2 pieces	3 pieces	2 pieces
4.5-leaf	2 pieces	6 pieces	2 pieces	4 pieces	2 pieces
5.5-leaf	2 pieces	7 pieces	3 pieces	5 pieces	3 pieces
6.5-leaf	2 pieces	9 pieces	3 pieces	6 pieces	3 pieces
7.5-leaf	2 pieces	10 pieces	4 pieces	7 pieces	4 pieces

### Running and guide tracks

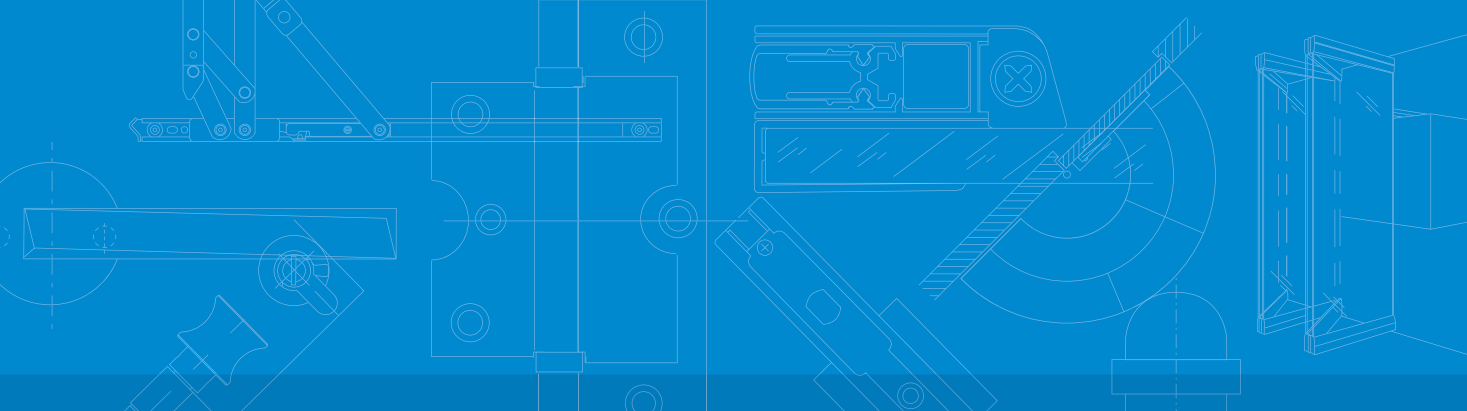


- TOP RUNNING TRACK, ALU.
- 946.49.943                      3000mm. Silver coloured anodized
- 946.49.946                      6000mm. Silver coloured anodized



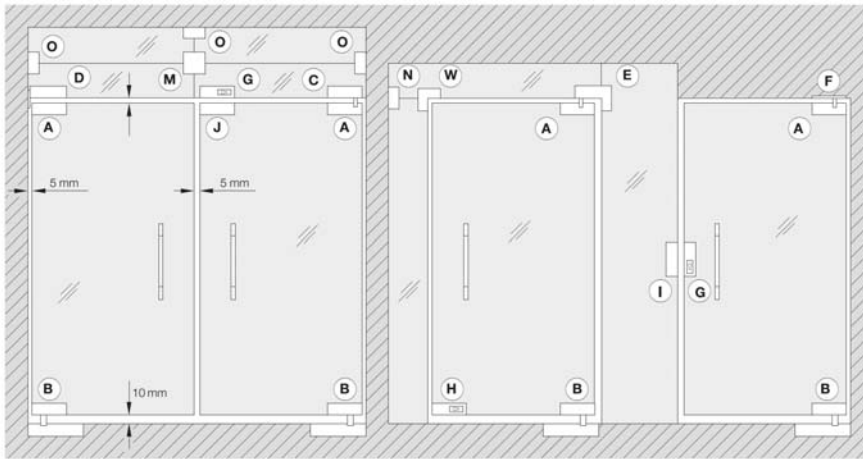
We reserve the right to alter specifications without notice (AH Compact Catalogue 2012)





# 6 Glass Fittings





For door thickness 10-12mm



TOP PATCH FITTING, ST.ST.  
 981.00.010 MATT (304)  
 981.00.011 POL. (304)  
 Packing: 1 pc



BOTTOM PATCH FITTING, ST.ST.  
 981.00.000 MATT (304)  
 981.00.001 POL (304)  
 Packing: 1 pc



FANLIGHT PIVOT PATCH FITTING, ST.ST.  
 981.00.020 MATT (304)  
 981.00.021 POL (304)  
 Packing: 1 pc



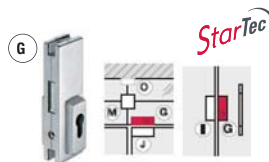
FANLIGHT PIVOT WALL FIXING, ST.ST.  
 981.00.110 MATT (304)  
 981.00.111 POL (304)  
 Packing: 1 pc



FANLIGHT/SIDE PANEL, ST.ST.  
 981.00.030 MATT (304)  
 981.00.031 POL (304)  
 Packing: 1 pc



981.00.080  
 CEILING BEARING  
 ST.ST. MATT (304)  
 Packing: 1 pc



CENTRE PATCH LOCK, ST.ST.  
 981.00.410 MATT (304)  
 981.00.411 POL (304)  
 Packing: 1 pc

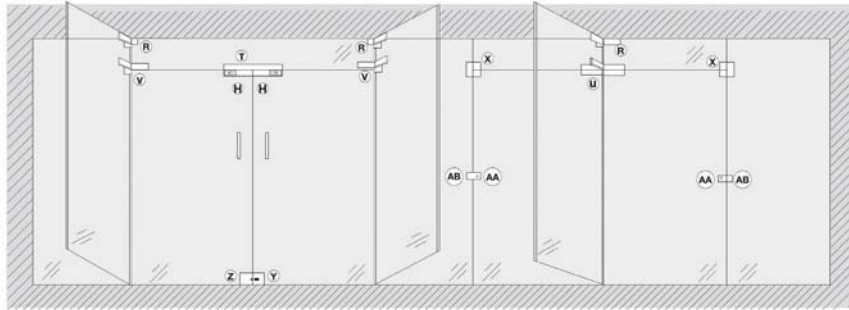


CORNER PATCH LOCK, ST.ST.  
 981.00.400 MATT (304)  
 981.00.401 POL. (304)  
 Packing: 1 pc



CENTRE STRIKE PATCH, ST.ST.  
 981.00.420 MATT (304)  
 981.00.421 POL (304)  
 Packing: 1 pc

We reserve the right to alter specifications without notice (AH Compact Catalogue 2012)



CORNER PATCH LOCK  
SQUARE, SS.

981.00.450 MATT (304)  
981.00.451 POL (304)

Packing: 1 pc

## For door thickness 10-12mm



CORNER STRIKE PATCH  
SQUARE, SS.

981.00.460 MATT (304)  
981.00.461 POL (304)

Packing: 1 pc



CENTRE PATCH LOCK w/  
THUMBTURN, SS.

981.00.430 MATT  
981.00.431 POL

Packing: 1 pc



CENTRE STRIKE PATCH, ST.ST.

981.00.440 MATT (304)  
981.00.441 POL (304)

Packing: 1 pc



981.00.620\*  
FANLIGHT PIVOT PATCH,  
ST.ST. MATT (304)

Packing: 1 pc



981.00.610  
TOP PATCH FITTING  
ST.ST. MATT (304)

Packing: 1 pc



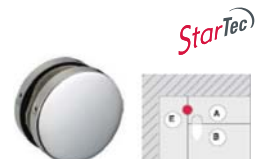
981.00.600  
BOTTOM PATCH ROUND  
ST.ST. MATT (304)

Packing: 1 pc



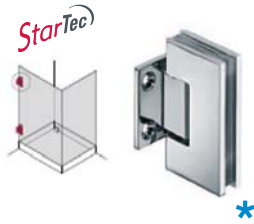
981.00.630  
BOTTOM PATCH LOCK  
ST.ST. MATT (304)

Packing: 1 pc

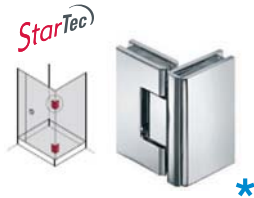


981.00.640  
FANLIGHT/SIDE PANEL  
CONNECTION, SS. MATT

Packing: 1 pc



981.04.082  
SHOWER GLASS HINGE,  
WALL TO GLASS, BR. CHR. POL.  
Packing: 1 pc



981.04.092  
SHOWER GLASS HINGE,  
GLASS TO GLASS, BR. CHR. POL.  
Packing: 1 pc

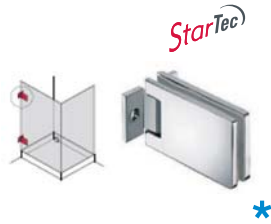


981.04.102  
SHOWER GLASS HINGE,  
GLASS TO GLASS, BR. CHR.  
POL. Packing: 1 pc

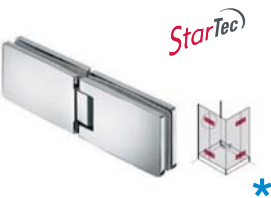


981.04.112  
SHOWER GLASS  
HINGE, GLASS TO GLASS, BR.  
CHR. POL. Packing: 1 pc

**\* 30 Kg per 2 pcs  
for door thickness 10-12mm**

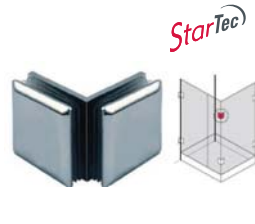


981.04.042  
SHOWER GLASS HINGE,  
WALL TO GLASS, BR. CHR. POL.  
Packing: 1 pc



981.04.072  
SHOWER GLASS HINGE,  
GLASS TO GLASS, BR. CHR.  
POL. Packing: 1 pc

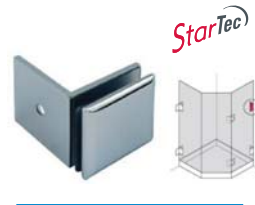
**\* 40 Kg per 2 pcs  
for door thickness 10-12mm**



981.02.262  
GLASS CLAMP, GLASS TO GLASS,  
BR. CHR. POL.  
Packing: 1 pc



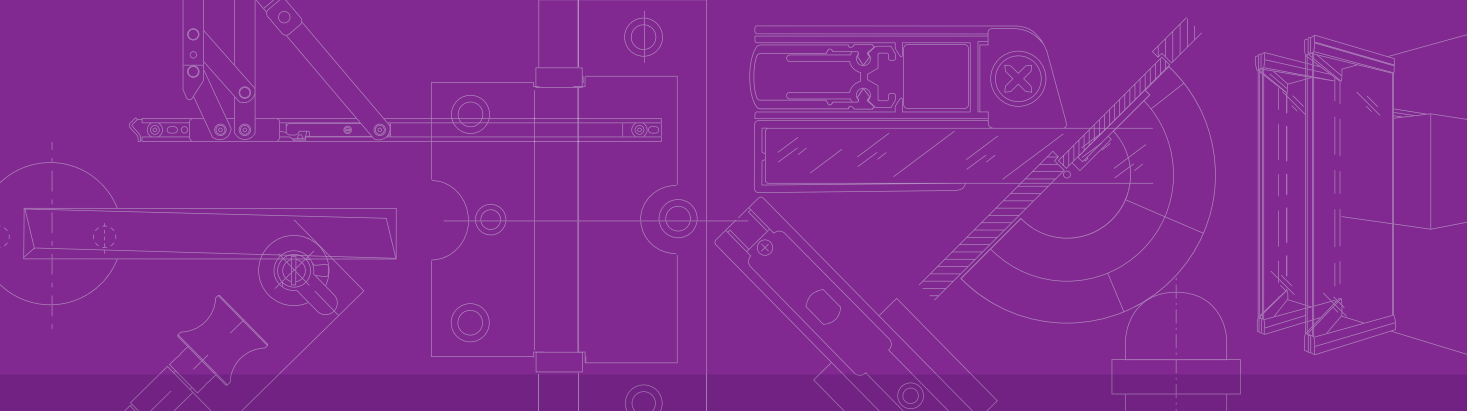
981.02.242  
GLASS CLAMP, WALL  
CONCEAL FIXING, BR. CHR.  
POL. Packing: 1 pc



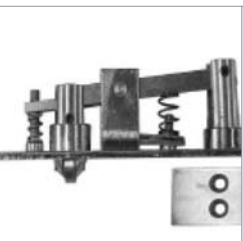
981.02.252  
GLASS CLAMP, WALL SCREW  
FIXING, BR. CHR. POL.  
Packing: 1 pc



**For product details**  
see The Complete Häfele  
Architecture Hardware



# 7 Door Accessories





LEVER ACTION FLUSH BOLT  
151mm  
911.62.335 ST.ST. MATT  
911.62.337 BR. POL  
Packing: 1 pc



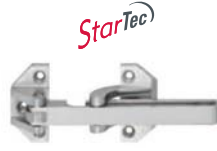
LEVER ACTION FLUSH BOLT  
ST.ST. MATT  
911.62.330 200mm  
911.62.688 600mm  
Packing: 1 pc



911.56.021  
AUTOMATIC FLUSH BOLT,  
ST. BLUE GALV. 1 pc



DUST PROOF STRIKE. BR.  
911.62.066 CHR. MATT Ø15mm  
911.62.067 POL. Ø15mm  
911.62.070 CHR. MATT Ø19mm  
Packing: 1 pc



SECURITY DOOR GUARD  
911.58.053 BRASS CHR. POL  
911.58.055 BRASS POL  
Packing: 1 pc



CONCEALED DOOR CHAIN, ZINC.  
911.59.095 SS. MATT COLOR  
911.59.086 BR. POL. COLOR  
Packing: 1 pc



DOOR GUARD, ZINC ALLOY  
911.59.156 ST.ST. MATT COLOR  
911.59.158 BR. POL. COLOR  
Packing: 1 pc



DOOR CHAIN, ZINC.AL.  
911.60.006 CHR.PL. POL.  
916.90.008 BR.PL. POL.  
Packing: 1 pc



PLASTIC/RUBBER DOOR STOP  
SELF-ADHESIVE, BLACK  
Packing: 1 pc



DOOR STOPPER FL. MT. ZINC.AL.  
937.01.116 ST.ST. COLOR  
937.01.118 BRASS POL  
Packing: 1 pc



937.50.200  
DOOR STOPPER FL. MT.  
ST.ST. MATT. 1 pc



937.51.710  
DOOR STOPPER FL. MT.  
ST.ST. MATT. 1 pc



937.51.720  
DOOR STOPPER FL. MT.  
ST.ST. MATT. 1 pc



937.12.100  
DOOR STOPPER WALL. MT.  
ST.ST. MATT. 1 pc



938.10.002  
DOOR STOPPER MAGNETIC  
FL. MT. BR. CHR. PL. POL. 1 pc



DOOR STOPPER WALL. MT.  
937.00.808 BR. POL.  
937.00.804 BR. CHR. MATT.  
Packing: 1 pc



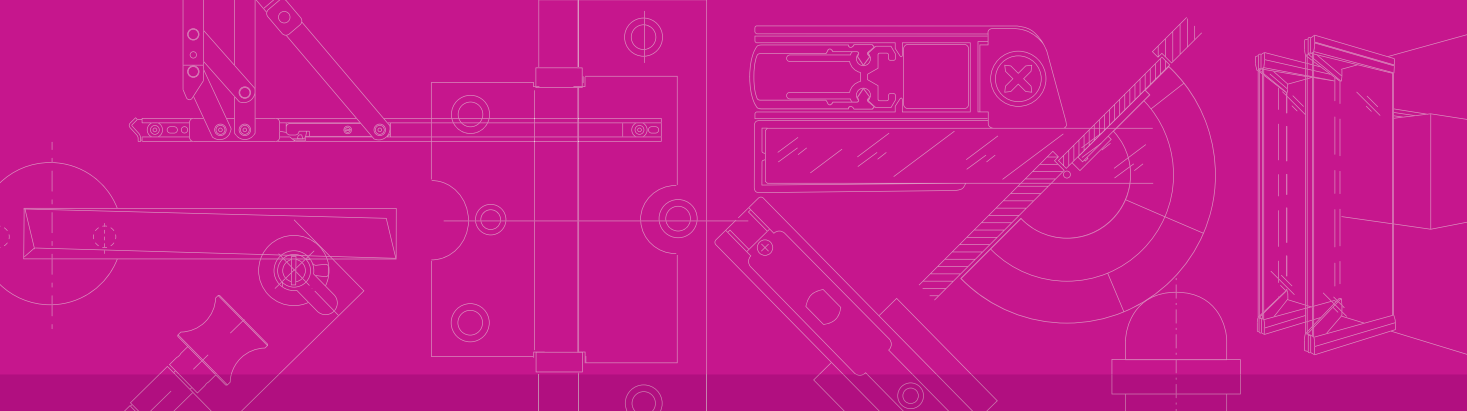
DOOR VIEWER 200D, BR.  
(35 - 78mm)  
959.01.010 CHR.PL.  
959.01.011 BR. POL.  
Packing: 1 pc



DOOR VIEW 200D (35 - 55mm)  
WITH FLAP  
959.06.106 BR. CHR.PL.  
959.06.108 BR. POL.  
Packing: 1 pc



PUSH PLATE  
987.11.300 ST.ST. MATT  
987.11.200 WITH PULL HANDLE  
Packing: 1 pc



# 8 Door Seals







WEATHER BRUSH SEAL  
MORTISE FIXING

950.06.090 1000mm. 1 pc  
950.06.092 1250mm. 1 pc



RETRACTABLE DOOR SEAL  
SINGLE SIDE

950.05.902 830mm. 1 pc  
950.05.903 930mm. 1 pc



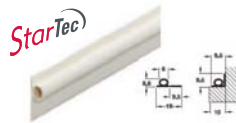
RETRACTABLE DOOR SEAL  
SINGLE SIDE

950.05.913 930mm. 1 pc  
950.05.914 1030mm. 1 pc



UNIVERSAL SEAL  
SELF ADHESIVE

950.10.397 WHITE. 1 m  
950.10.391 BROWN. 1 m



INTERNAL DOOR SEAL  
SELF ADHESIVE

950.07.721 BLACK. 1 m  
950.07.722 BROWN. 1 m

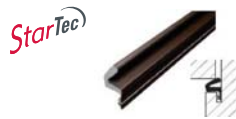


INTERNAL DOOR SEAL  
GROOVED

950.10.303 BLACK. 1 m  
950.10.302 DARK BROWN. 1 m



950.07.717  
DOOR SEAL, FIRE RESISTANT/  
SELF EXT, BROWN. 1 m



950.20.181  
DOOR SEAL, FIRE RATED  
UL 10C, DARK BROWN. 1 pc



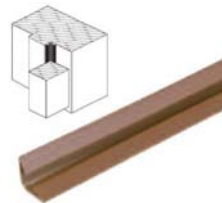
FIRE SEAL, INTUMESCENT  
2100mm, DARK BRW.

950.11.031 30. 1 pc  
950.11.041 60. 1 pc



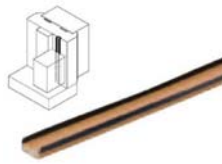
FIRE & SMOKE SEAL, INTU.  
2100mm, DARK. BRW.

950.11.051 30. 1 pc  
950.11.061 60. 1 pc



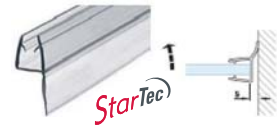
FIRE & SMOKE SEAL, BROWN

950.11.151 12/2400mm. 1 pc  
950.11.181 15/2400mm. 1 pc

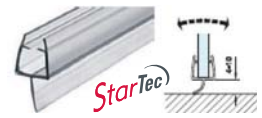


FIRE, SMOKE & ACCOUSTIC  
SEAL 2100mm

950.11.071 DARK BR. 1 pc  
950.11.070 LIGHT BR. 1 pc



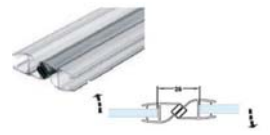
950.06.650  
GLASS WALL DOOR SEAL,  
8-10mm TRANSP. PVC. 1 pc



950.06.680  
GLASS FLOOR DOOR SEAL,  
8-10mm TRANSP. PVC. 1 pc



950.06.590  
GLASS DOOR SEAL 180D, PVC  
TRANSP. 2170mm. 1 pc

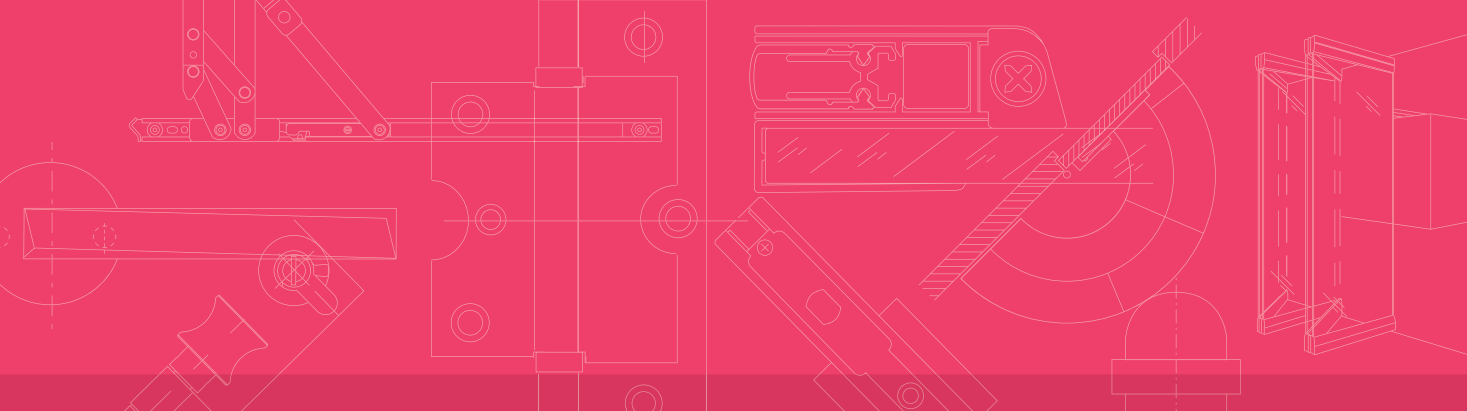


950.06.500  
MAGNETIC SHOWER DOOR  
SEAL 180D, TRANSP. 1 pc



950.06.520  
MAGNETIC SHOWER DOOR  
SEAL 90D, TRANSP. 1 pc





# 9 Window Fittings





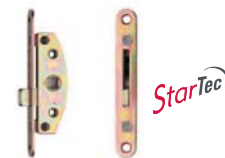
911.59.129  
WINDOW FRICTION HINGE  
TOP HUNG 700/1300mm  
Packing: 1 pair



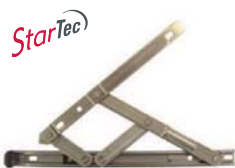
WINDOW HANDLE ST.ST. MATT  
973.30.720  
973.30.700  
973.30.710  
Packing: 1 pc



WINDOW HANDLE  
974.30.449 ALU. STEEL  
974.30.448 ALU. GOLD  
Packing: 1 pc



WINDOW MORTISE LOCK  
970.15.602 30mm  
970.15.603 35mm  
Packing: 1 pc



WINDOW FRICTION HINGE  
TOP HUNG  
972.05.017 H1000mm/45  
972.05.019 H1200mm/50  
Packing: 1 Pair



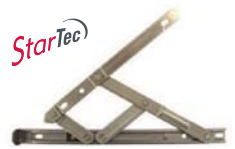
WINDOW HANDLE ST.ST. MATT  
972.30.940 236mm  
972.30.942 300mm  
Packing: 1 pc



WINDOW HANDLE, ALU. SILVER  
974.31.441 (LH)  
974.32.441 (RH)  
Packing: 1 pc



WINDOW SUPPORT ARM  
973.02.001 305mm  
973.02.002 354mm  
Packing: 1 pair



WINDOW FRICTION HINGE  
SIDE HUNG  
972.05.015 H1200mm/32  
972.05.016 H1200mm/33  
Packing: 1 Pair



WINDOW HANDLE ST.ST. MATT  
972.30.940 236mm  
972.30.942 300mm  
Packing: 1 pc



WINDOW HANDLE, ALU.  
974.30.201 SILVER  
974.30.204 BRONZE  
Packing: 1 pc



CASEMENT STAY 305mm  
970.02.844 SATIN CHR  
970.02.848 BRASS POL  
Packing: 1 pc



911.59.125  
WINDOW FRICTION HINGE  
SIDE HUNG 700/1300mm  
Packing: 1 Pair

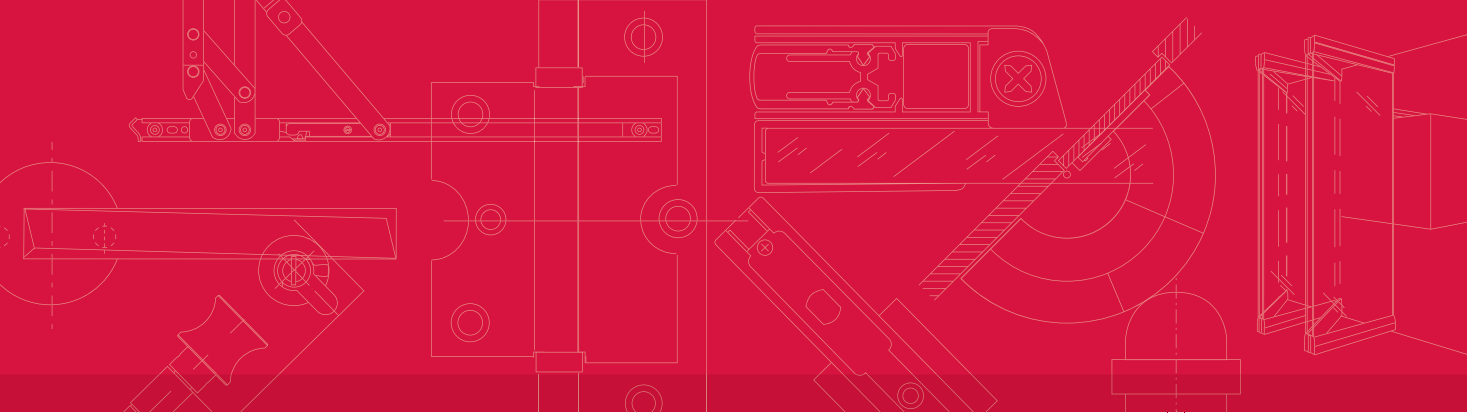


WINDOW HANDLE ST.ST. MATT  
972.30.940 236mm  
972.30.942 300mm  
Packing: 1 pc



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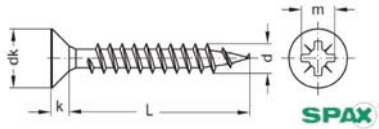
We reserve the right to alter specifications without notice (AH Compact Catalogue 2012)



# 10 Consumables



## ABC Spax-S



### 2.5 Ødmm

Lmm	Packing (pc)	Article No
10	1000	018.00.000
12	1000	018.00.001
16	1000	018.00.004
20	1000	018.00.006
25	1000	018.00.009

### 3.0 Ødmm

Lmm	Packing (pc)	Article No
10	1000	018.00.050
12	1000	018.00.051
13	1000	018.00.052
15	1000	018.00.053
16	1000	018.00.054
17	1000	018.00.055
20	1000	018.00.056
25	1000	018.00.059
30	1000	018.00.061
35	1000	018.00.063
40	1000	018.00.064
45	1000	018.00.065

### 3.5 Ødmm

Lmm	Packing (pc)	Article No
10	1000	018.00.080
12	1000	018.00.081
13	1000	018.00.082
15	1000	018.00.083
16	1000	018.00.084
17	1000	018.00.085
20	1000	018.00.086
22	1000	018.00.087
25	1000	018.00.089
30	1000	018.00.091
35	1000	018.00.093
40	1000	018.00.094
45	1000	018.00.095
50	500	018.00.096

### 4.0 Ødmm

Lmm	Packing (pc)	Article No
12	1000	018.00.111
13	1000	018.00.112
15	1000	018.00.113
16	1000	018.00.114
17	1000	018.00.115
20	1000	018.00.116
22	1000	018.00.117
25	1000	018.00.119
27	1000	018.00.120
30	1000	018.00.121
35	1000	018.00.123
40	1000	018.00.124
45	500	018.00.125
50	500	018.00.126
55	500	018.00.127

### 4.5 Ødmm

Lmm	Packing (pc)	Article No
15	1000	018.00.143
20	1000	018.00.146
25	1000	018.00.149
30	1000	018.00.151
35	500	018.00.153
40	500	018.00.154
45	500	018.00.155
50	500	018.00.156
55	500	018.00.157

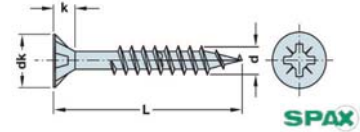
### 5.0 Ødmm

Lmm	Packing (pc)	Article No
20	1000	018.00.176
25	1000	018.00.179
30	500	018.00.181
35	500	018.00.183
40	500	018.00.184
45	500	018.00.185
50	500	018.00.186
55	500	018.00.187

### 6.0 Ødmm

Lmm	Packing (pc)	Article No
30	500	018.00.211
35	500	018.00.213
40	500	018.00.214
45	500	018.00.215
50	200	018.00.216
55	200	018.00.217

## Countersunk head, PZ cross slot



### 3.0 Ødmm

Lmm	Packing (pc)	Article No
30	1000	018.00.361

### 3.5 Ødmm

Lmm	Packing (pc)	Article No
30	1000	018.00.391
35	1000	018.00.393
40	1000	018.00.394
50	500	018.00.396

### 4.0 Ødmm

Lmm	Packing (pc)	Article No
30	1000	018.00.421
35	1000	018.00.423
40	1000	018.00.424
45	500	018.00.425
50	500	018.00.426
55	500	018.00.427
60	500	018.00.428
70	500	018.00.430
80	200	018.00.431

### 4.5 Ødmm

Lmm	Packing (pc)	Article No
30	1000	018.00.451
35	500	018.00.453
40	500	018.00.454
45	500	018.00.455
50	500	018.00.456
60	500	018.00.458
70	500	018.00.460
80	200	018.00.461

### 5.0 Ødmm

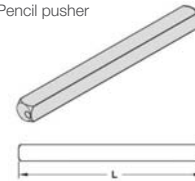
Lmm	Packing (pc)	Article No
40	500	018.00.484
50	500	018.00.486
60	500	018.00.488
65	200	018.00.489
70	200	018.00.490
80	200	018.00.491
90	200	018.00.492
100	200	018.00.493
110	200	018.00.494
120	200	018.00.495

### 6.0 Ødmm

Lmm	Packing (pc)	Article No
60	200	018.00.518
70	200	018.00.520
80	200	018.00.521
90	200	018.00.522
100	100	018.00.523
110	100	018.00.524
120	100	018.00.525
130	100	018.00.526
140	100	018.00.527
150	100	018.00.528
160	100	018.00.529
200	100	018.00.531

## Square pins

Pencil pusher



### 6.0 Ødmm

Lmm	Article No
96	909.46.025
100	909.46.028
105	909.46.030
110	909.46.031
130	909.46.035



**For product details**  
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Architecture Hardware

**Countersunk head, PZ cross slot**



**3.0 Ødmm**

Lmm	Packing (pc)	Article No
13	1000	014.70.530
16	1000	014.70.542
20	1000	014.70.551
25	1000	014.70.570
30	1000	014.70.580
35	1000	014.70.590

**3.5 Ødmm**

Lmm	Packing (pc)	Article No
16	1000	014.70.631
20	1000	014.70.659
25	1000	014.70.677
30	1000	014.70.686
35	1000	014.70.690
40	1000	014.70.702

**4.0 Ødmm**

Lmm	Packing (pc)	Article No
16	500	014.70.830
20	500	014.70.846
25	500	014.70.855
30	500	014.70.864
35	500	014.70.873
40	500	014.70.882
45	500	014.70.891
50	500	014.70.908
60	500	014.70.920
70	200	014.70.940

**4.5 Ødmm**

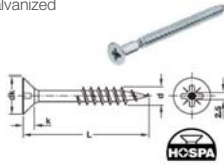
Lmm	Packing (pc)	Article No
20	500	014.70.950
25	500	014.70.952
30	500	014.70.954
35	500	014.70.956
40	200	014.70.958
45	200	014.70.960
50	200	014.70.962
60	200	014.70.964
70	200	014.70.966

**5.0 Ødmm**

Lmm	Packing (pc)	Article No
20	200	014.71.070
25	200	014.71.080
30	500	014.71.094
35	200	014.71.101
40	200	014.71.111
45	200	014.71.128
50	200	014.71.139

**Countersunk head, PZ cross slot**

with partially threaded, with central hole 2.5 mm, galvanized

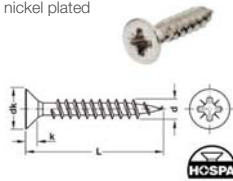


**4.5 Ødmm**

Lmm	Packing (pc)	Article No
25	1000	015.01.935
30	1000	015.01.944
35	500	015.01.953
40	500	015.01.962
45	500	015.01.971
50	200	015.01.980
60	200	015.01.981
70	200	015.01.982
80	200	015.01.983

**Countersunk head, PZ cross slot**

with fully threaded, nickel plated



**2.5 Ødmm**

Lmm	Packing (pc)	Article No
16	1000	015.35.253

**3.0 Ødmm**

Lmm	Packing (pc)	Article No
15	1000	015.35.333

**3.5 Ødmm**

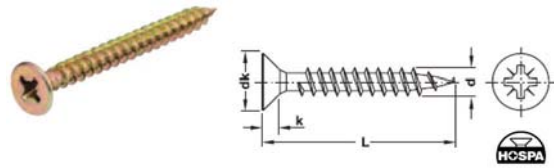
Lmm	Packing (pc)	Article No
15	1000	015.35.637
17	1000	015.35.646
20	1000	015.35.655

**4.0 Ødmm**

Lmm	Packing (pc)	Article No
15	1000	015.35.824
17	1000	015.35.833
20	1000	015.35.842

**Countersunk head, PZ cross slot**

with fully threaded, galvanized



**2.5 Ødmm**

Lmm	Packing (pc)	Article No
16	1000	015.31.255

**3.0 Ødmm**

Lmm	Packing (pc)	Article No
13	1000	015.31.326
15	1000	015.31.335
17	1000	015.31.344

**3.0 Ødmm**

Lmm	Packing (pc)	Article No
13	1000	015.31.326
15	1000	015.31.335
17	1000	015.31.344
13	1000	015.31.522
15	1000	015.31.531
17	1000	015.31.540
20	1000	015.31.559
25	1000	015.31.577
30	1000	015.31.586
35	1000	015.31.595
40	500	015.31.602

**3.5 Ødmm**

Lmm	Packing (pc)	Article No
13	1000	015.31.620
15	1000	015.31.639
17	1000	015.31.648
20	1000	015.31.657
25	1000	015.31.675
30	1000	015.31.684
35	1000	015.31.693
40	500	015.31.700
45	500	015.31.719
50	500	015.31.728

**4.0 Ødmm**

Lmm	Packing (pc)	Article No
15	1000	015.31.826
17	1000	015.31.835
20	1000	015.31.844
25	1000	015.31.853
30	1000	015.31.862
35	500	015.31.871
40	500	015.31.880
45	500	015.31.899
50	500	015.31.906
55	200	015.31.808

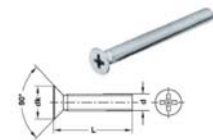
**4.5 Ødmm**

Lmm	Packing (pc)	Article No
17	1000	015.31.915
20	1000	015.31.924
25	1000	015.31.933
30	1000	015.31.942
35	500	015.31.951
40	500	015.31.960
45	500	015.31.979
50	200	015.31.988
55	200	015.32.010

**5.0 Ødmm**

Lmm	Packing (pc)	Article No
20	1000	015.32.074
25	1000	015.32.083
30	500	015.32.092
35	500	015.32.109
40	500	015.32.118
45	200	015.32.127
50	200	015.31.997

**DIN 965 PH countersunk head**



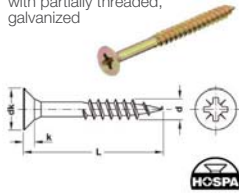
**3.0 Ødmm (M4)**

Lmm	Packing (pc)	Article No
6	250	020.07.062
8	250	020.07.063
10	250	020.07.064
12	250	020.07.065
16	250	020.07.066
20	250	020.07.067
25	250	020.07.068
30	250	020.07.069
35	250	020.07.070
40	250	020.07.071
45	250	020.07.072
50	250	020.07.073
60	250	020.07.075
70	250	020.07.077
80	250	020.07.079

We reserve the right to alter specifications without notice (AH Compact Catalogue 2012)

## Countersunk head, PZ cross slot

with partially threaded, galvanized



### 3.0 Ødmm

Lmm	Packing (pc)	Article No
25	1000	015.41.573
30	1000	015.41.582

### 4.0 Ødmm

Lmm	Packing (pc)	Article No
35	500	015.41.877
40	500	015.41.886
50	500	015.41.902
60	200	015.41.920
70	200	015.41.939

### 4.5 Ødmm

Lmm	Packing (pc)	Article No
40	500	015.41.966
50	200	015.41.984
60	200	015.42.007
70	200	015.42.034
80	200	015.42.043

### 5.0 Ødmm

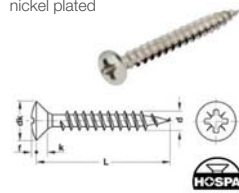
Lmm	Packing (pc)	Article No
50	200	015.42.132
60	200	015.42.141
70	200	015.42.169
80	100	015.42.178
90	100	015.42.187
100	100	015.42.196
110	100	015.42.197
120	100	015.42.198

### 6.0 Ødmm

Lmm	Packing (pc)	Article No
50	200	015.42.347
60	200	015.42.356
70	100	015.42.365
80	100	015.42.374
90	100	015.42.383
100	100	015.42.392
120	100	015.42.418
140	100	015.42.436
160	100	015.42.454
180	100	015.42.472

## Raised countersunk head screw, PZ cross slot

with fully threaded, nickel plated



### 3.0 Ødmm

Lmm	Packing (pc)	Article No
15	1000	015.55.531
17	1000	015.55.540
20	1000	015.55.559
25	1000	015.55.577
30	1000	015.55.586

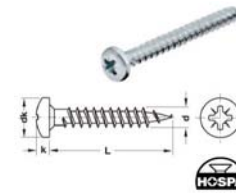
### 3.5 Ødmm

Lmm	Packing (pc)	Article No
15	1000	015.55.639
17	1000	015.55.648
20	1000	015.55.657
25	1000	015.55.675
30	1000	015.55.684
35	1000	015.55.693

### 4.0 Ødmm

Lmm	Packing (pc)	Article No
20	1000	015.55.844
25	1000	015.55.853
30	1000	015.55.862
35	500	015.55.871
40	500	015.55.880

## Pan head chipboard screws



### 3.0 Ødmm

Lmm	Packing (pc)	Article No
13	1000	015.71.526
15	1000	015.71.535
17	1000	015.71.544
20	1000	015.71.553
25	1000	015.71.571

### 3.5 Ødmm

Lmm	Packing (pc)	Article No
13	1000	015.71.624
15	1000	015.71.633
17	1000	015.71.642
20	1000	015.71.651
25	1000	015.71.679
30	1000	015.71.688
35	1000	015.71.697

### 4.0 Ødmm

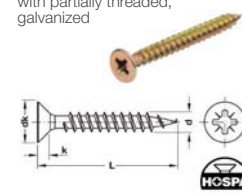
Lmm	Packing (pc)	Article No
13	1000	015.71.811
15	1000	015.71.820
17	1000	015.71.839
20	1000	015.71.848
25	1000	015.71.857
30	1000	015.71.866
35	500	015.71.875
40	500	015.71.884

### 4.5 Ødmm

Lmm	Packing (pc)	Article No
13	1000	015.71.900
15	1000	015.71.919
17	1000	015.71.937
20	1000	015.71.956
25	1000	015.71.975
30	500	015.71.994
35	500	015.71.955

## Countersunk head, PZ cross slot

with partially threaded, galvanized



### 2.5 Ødmm

Lmm	Packing (pc)	Article No
16	10000	017.31.255

### 3.0 Ødmm

Lmm	Packing (pc)	Article No
13	10000	017.31.522
15	10000	017.31.531
17	10000	017.31.540
20	10000	017.31.559
25	10000	017.31.577
30	10000	017.31.586

### 3.5 Ødmm

Lmm	Packing (pc)	Article No
13	10000	017.31.620
15	10000	017.31.639
17	10000	017.31.648
20	10000	017.31.657
22	10000	017.31.660
25	8000	017.31.675
30	8000	017.31.684
35	8000	017.31.693
40	5000	017.31.700
50	5000	017.31.728

### 4.0 Ødmm

Lmm	Packing (pc)	Article No
15	8000	017.31.826
17	8000	017.31.835
20	8000	017.31.844
25	8000	017.31.853
30	5000	017.31.862
35	5000	017.31.871
40	4000	017.31.880
45	3000	017.31.899
50	3000	017.31.906

### 4.5 Ødmm

Lmm	Packing (pc)	Article No
25	5000	017.31.933
30	5000	017.31.942
35	3000	017.31.951
40	3000	017.31.960
50	2000	017.31.988

### 5.0 Ødmm

Lmm	Packing (pc)	Article No
20	5000	017.32.074
50	2000	017.31.997

We reserve the right to alter specifications without notice (AH Compact Catalogue 2012)

# Häfele again present with the “Architects Partner Award”

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(18/03/2011) For the second consecutive year Häfele has been awarded the “Architects Partner Award” in silver. The industry magazine “AIT” and “xia Intelligent Architecture” recognizes the outstanding products and services for the target group of architects and interior designers. Over 1,400 selected representative planners were interviewed.

Häfele has been named as a favorite industrial partner among a few others partner in addition, Häfele Architectural Consultant Peter Stumpp has been selected among the top 10 Sales Representatives.

Already last year Häfele went home with two silver awards from the “Architect partner Award Competition”. The surveyed architects chose the company in 2010 in the top 10 in the categories “doors, gates +

locking systems as well as, fittings”. Architectural consultant Roland Seifert was ranked among the top ten as well that time around.

360 Object Service supports object creation The “360-degree projects service” combines the solutions and consulting expertise of a full range of product and services for architects, planners, builders and investors.

A central pillar of this information is a vendor-neutral advice about building and furniture fittings. Häfele also offers extensive support in all phases of property development.

Make life easy specific planning tools such as the planning and implementation of electronic locking systems, lighting concepts in furniture and facilities and a rich variety of sliding solutions.




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The awards ceremony was held on 2 March 2011 in Cologne, Germany



# The Evolution and Functionality of the Wheel

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Most authorities regard the wheel as one of the oldest and most important inventions originating in ancient Mesopotamia in the 5th millennium BC in the function of the potters wheel. The wheel reached Europe and Western Asia in the 4th millennium BC, and the Indus Valley by the 3rd millennium BC.

Although they did not develop the wheel proper, the Olmec and other western hemisphere cultures seem to have approached the idea, as wheel-like worked stones have been found on objects identified as children's toys dating to about 1500 BC.

Looking back, Paleoanthropologists date the emergence of anatomically modern humans to 150,000 years ago, 143,000 of those years were "wheel-less". That people with capacities fully equal to our own walked the earth for so long before conceiving the wheel may be initially surprising, but the wheel is not as simple a device as it may seem. Making a balancing wheel requires a skilled wheelwright.

Wide usage of the wheel was delayed because smooth roads were needed for wheels to be effective. Carrying goods on one's back would have been the preferred method of transportation over surfaces that contained many obstacles. The lack of developed roads in less developed areas prevented wide adoption of the wheel until well into the 20th century.

The spoked wheel was invented more recently, and allowed the construction of lighter and swifter vehicles. The earliest known examples are in the context of the Andronovo culture, dating to 2000 BC. Shortly later, horse cultures of the Caucasus region used horse-drawn spoked-wheel war chariots for the greater part of three centuries. They moved deep into the Greek peninsula where they joined with existing Mediterranean people to give rise, eventually, to classical Greece after the breaking of Minoan dominance and consolidations led by pre-classical Sparta and Athens. Celtic chariots introduced an iron rim around the wheel in the





1st millennium BC. The spoked wheel had been in continuous use without major modification until in the 1870's, when wire wheels and pneumatic tyres were invented.

The invention of the wheel has also been important for technology in general, important applications including the water wheel, the cogwheel, and the spinning wheel. More modern descendants of the wheel include the propeller, the flywheel, and the roller. HAWA JUNIOR 40-120 GP Sliding Systems can operate on what may seem to be a simple roller, but what happens to be some very sophisticated rollers in their own right. They weigh only 60 g and are 54 mm in diameter and 31.5 mm wide. They are made from polyoximethylene, a white plastic characterised by very high stability, rigidity, abrasion resistance and temperature resistance. HAWA JUNIOR 40-120 GP slides doors smoothly and with ease. A true testament to functionality, we have definitely come a long way from the Neolithic wheel to the 21<sup>st</sup> century HAWA Junior 40-120 GP rollers.





# Project & Specification Services (360° Project Service)

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## Project advice or Project Consultation

Our specialist team of consultants will provide advice to you, on the basis of their knowledge and expertise regarding your needs in the field of architectural hardware / ironmongery, furniture fittings, sanitary systems, kitchen accessories, electronic locking systems and other project applications.

## 360° Project Service

Our extensive range of hardware systems and experience provides unique and valuable support to decision makers on projects of all sizes.



We offer a comprehensive free scheduling service, a free recommendation and quotation service for all our systems, and technical advice.

In conjunction with selected partners Häfele can also offer a supply and fit service for doors, glazing and access control systems.

## Project Services for Installers

As a world brand for architectural and furniture hardware, Häfele supplies products to over 100,000 customers in more than 150 countries all over the world.

Installers and hotel solution providers, normally local, are familiar with Häfele.

Häfele's global presence and relationships assures specifies that local installers and manufacturers can use the products they selected, avoiding issues of improper installation and availability.



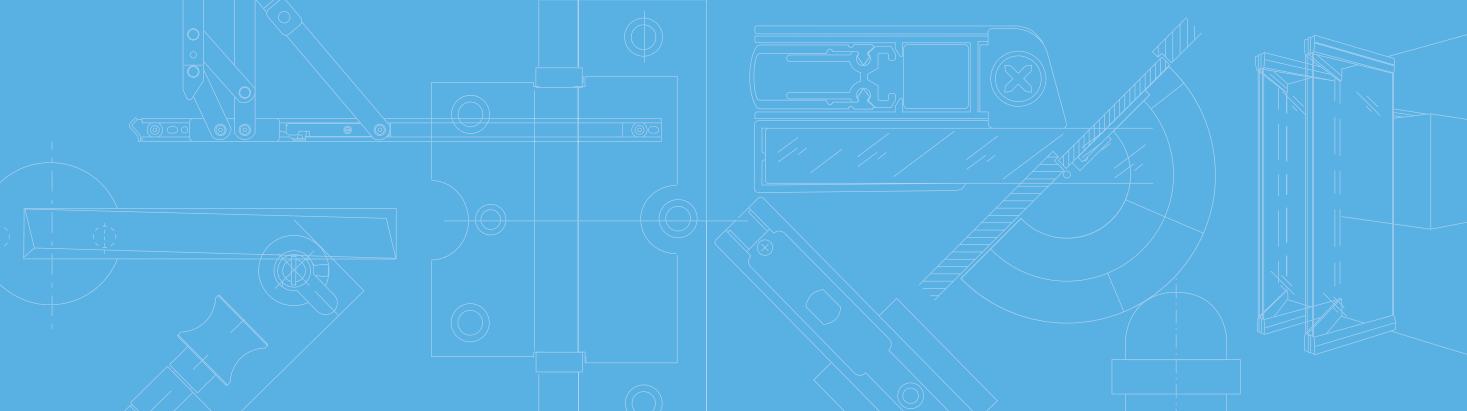
# Your 360° Solution Provider

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Established 1923 in Germany, Häfele is a global market leader for Innovative, Functional Furniture Fittings and Accessories, State-Of-The-Art Architectural Hardware and Electronic Locking Systems.

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# HÄFELE

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