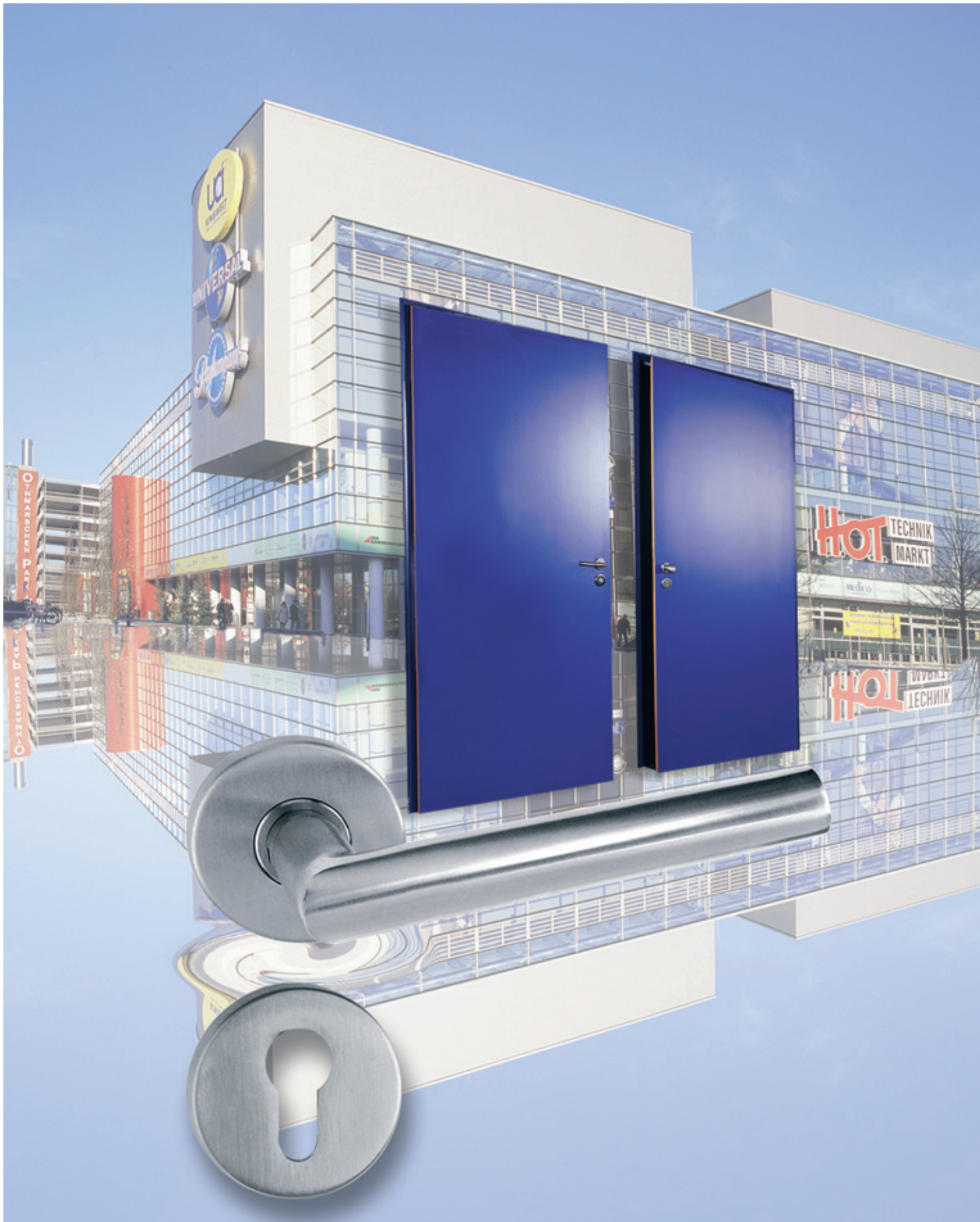


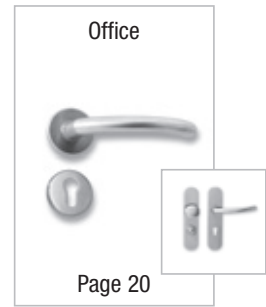
Fittings for timber and steel doors



G.U Group product range for timber and steel doors



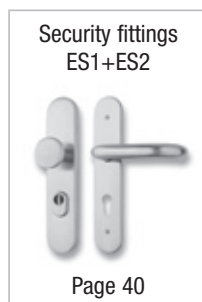
Project, fire protection and security fittings ES3



Escape door fittings



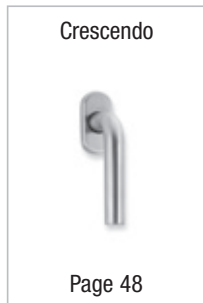
Standard security fittings



Standard project fittings for timber and steel doors



Stainless steel window handles



Accessories for contract work

Floor-mounted door stop I



Page 50

Floor-mounted door stop II



Page 50

Wall-mounted door stop



Page 50

Ladies



Page 50

Gentlemen



Page 50

Handicapped



Page 50

Directional arrow



Page 50

Door holder

3934



Page 52

3934



Page 52

3933



Page 52

6944



Page 52

Architects range



Fixing accessories

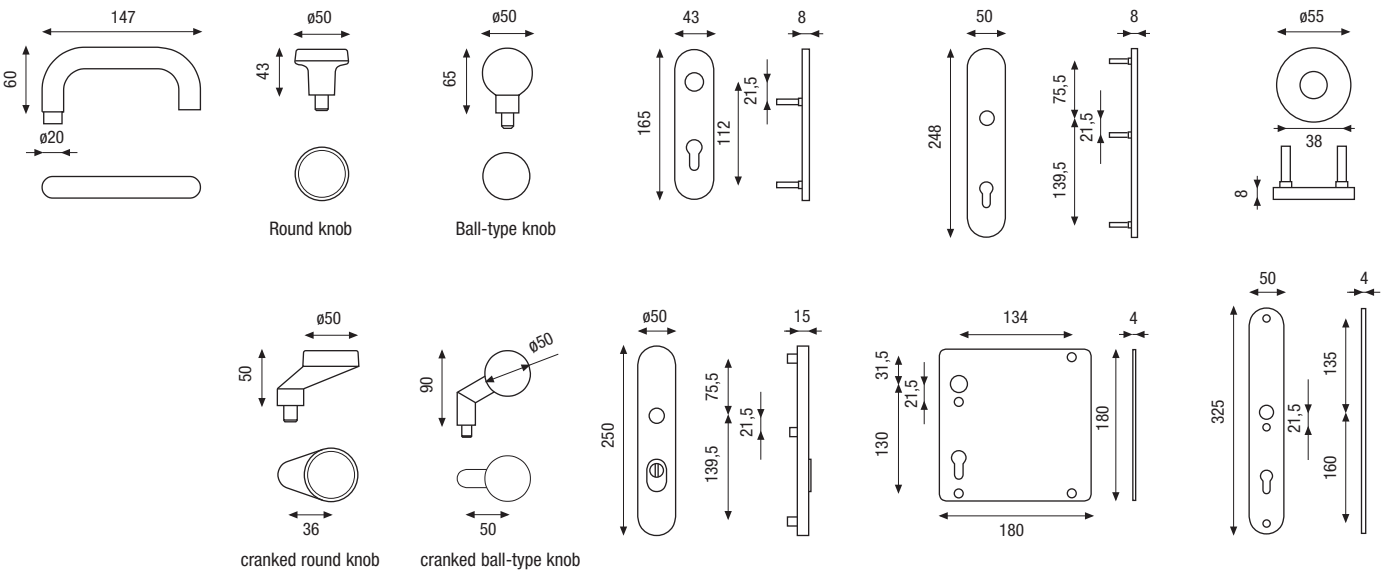




Knob types

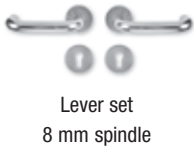
Backplate types

Dimensioned drawings

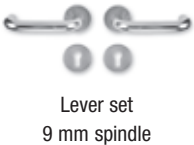


Product information

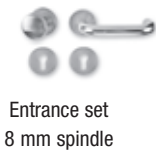
- Lever handles available with 8, 9, 10 mm spindle; fixed backplate with friction washer (BKS differential bearing).
- The cranked door knob variants are non-handed.
- Clip-on backplates.
- Security fittings as lever set or entrance set to DIN 18257 – ES3
- The cylinder cover is suitable for a cylinder protrusion of 12 to 19 mm.
- The vertical lever variant is provided with a detent mechanism to ensure a precise vertical position.
- All material versions approved for use on fire and smoke control doors to DIN 18273 and EN 1906, and for use on escape doors to EN 179.
- The mounting accessories are included in the items supplied (contract sets for door thickness 37 – 42 mm, fire-rated sets for door thickness 42 – 52 mm).
- For use on escape doors with a divided follower it is necessary to specify the lock position in addition to the door thickness (refer to page 60).



Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Rosette		PC	B 7050 5141	B 7050 5131	B 7050 5101	B 7050 5103	B 7050 5105	B 7050 5107
Short plate square Short plate rounded		PC 72	B 7050 0140	B 7050 0130	B 7050 0100	B 7050 0102	B 7050 0104	B 7050 0106
			B 7050 0141	B 7050 0131	B 7050 0101	B 7050 0103	B 7050 0105	B 7050 0107
Oblong plate square Oblong plate rounded		PC 72	B 7050 2140	B 7050 2130	B 7050 2100	B 7050 2102	B 7050 2104	B 7050 2106
			B 7050 2141	B 7050 2131	B 7050 2101	B 7050 2103	B 7050 2105	B 7050 2107
Wide backplate		PC 72	B 7050 7242	----	----	----	----	----
Special oblong plate		PC 72	B 7050 4141	----	----	----	----	----



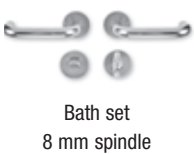
Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Rosette		PC	B 7051 5141	B 7051 5131	B 7051 5101	B 7051 5103	B 7051 5105	B 7051 5107
Short plate square Short plate rounded		PC 72	B 7051 0140	B 7051 0130	B 7051 0100	B 7051 0102	B 7051 0104	B 7051 0106
			B 7051 0141	B 7051 0131	B 7051 0101	B 7051 0103	B 7051 0105	B 7051 0107
Oblong plate, square Oblong plate, rounded		PC 72	B 7051 2140	B 7051 2130	B 7051 2100	B 7051 2102	B 7051 2104	B 7051 2106
			B 7051 2141	B 7051 2131	B 7051 2101	B 7051 2103	B 7051 2105	B 7051 2107
Wide backplate		PC 72	B 7051 7242	----	----	----	----	----
Special oblong plate		PC 72	B 7051 4141	----	----	----	----	----



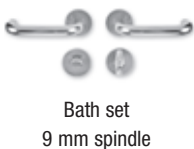
Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Rosette	Round knob	PC	B 7073 5141	B 7073 5131	B 7073 5101	B 7073 5103	B 7073 5105	B 7073 5107
Short plate square Short plate rounded	Round knob	PC 72	B 7073 0140	B 7073 0130	B 7073 0100	B 7073 0102	B 7073 0104	B 7073 0106
			B 7073 0141	B 7073 0131	B 7073 0101	B 7073 0103	B 7073 0105	B 7073 0107
Oblong plate, square Oblong plate, rounded	Round knob	PC 72	B 7073 2140	B 7073 2130	B 7073 2100	B 7073 2102	B 7073 2104	B 7073 2106
			B 7073 2141	B 7073 2131	B 7073 2101	B 7073 2103	B 7073 2105	B 7073 2107
Wide backplate	Round knob	PC 72	B 7073 7242	----	----	----	----	----
Special oblong plate	Round knob	PC 72	B 7073 4141	----	----	----	----	----



Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Rosette	Round knob	PC	B 7074 5141	B 7074 5131	B 7074 5101	B 7074 5103	B 7074 5105	B 7074 5107
Short plate square Short plate rounded	Round knob	PC 72	B 7074 0140	B 7074 0130	B 7074 0100	B 7074 0102	B 7074 0104	B 7074 0106
			B 7074 0141	B 7074 0131	B 7074 0101	B 7074 0103	B 7074 0105	B 7074 0107
Oblong plate, square Oblong plate, rounded	Round knob	PC 72	B 7074 2140	B 7074 2130	B 7074 2100	B 7074 2102	B 7074 2104	B 7074 2106
			B 7074 2141	B 7074 2131	B 7074 2101	B 7074 2103	B 7074 2105	B 7074 2107
Wide backplate	Round knob	PC 72	B 7074 7242	----	----	----	----	----
Special oblong plate	Round knob	PC 72	B 7074 4141	----	----	----	----	----



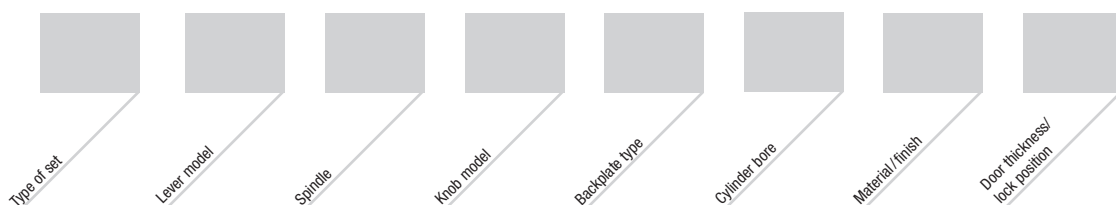
Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Rosette		Bath	B 7050 5441	B 7050 5431	B 7050 5401	B 7050 5403	B 7050 5405	B 7050 5407
Short plate square Short plate rounded		Bath 78 mm	B 7050 0540	B 7050 0530	B 7050 0500	B 7050 0502	B 7050 0504	B 7050 0506
			B 7050 0541	B 7050 0531	B 7050 0501	B 7050 0503	B 7050 0505	B 7050 0507
Oblong plate, square Oblong plate, rounded		Bath 78 mm	B 7050 2840	B 7050 2830	B 7050 2800	B 7050 2802	B 7050 2804	B 7050 2806
			B 7050 2841	B 7050 2831	B 7050 2801	B 7050 2803	B 7050 2805	B 7050 2807
Wide backplate		Bath 78 mm	B 7050 7742	----	----	----	----	----
Special oblong plate		Bath 78 mm	B 7050 4441	----	----	----	----	----

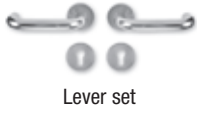


Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Rosette		Bath	B 7051 5441	B 7051 5431	B 7051 5401	B 7051 5403	B 7051 5405	B 7051 5407
Short plate square Short plate rounded		Bath 78 mm	B 7051 0540	B 7051 0530	B 7051 0510	B 7051 0512	B 7051 0514	B 7051 0516
			B 7051 0541	B 7051 0531	B 7051 0511	B 7051 0513	B 7051 0515	B 7051 0517
Oblong plate, square Oblong plate, rounded		Bath 78 mm	B 7051 2840	B 7051 2830	B 7051 2800	B 7051 2802	B 7051 2804	B 7051 2806
			B 7051 2841	B 7051 2831	B 7051 2801	B 7051 2803	B 7051 2805	B 7051 2807
Wide backplate		Bath 78 mm	B 7051 7742	----	----	----	----	----
Special oblong plate		Bath 78 mm	B 7051 4441	----	----	----	----	----

PC = profile cylinder

Items with other features must be ordered under item number B 7099 9999 with precise details according to the following check list:





Lever set

Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white	PVC black
Rosette		PC	B 7053 5141	B 7053 5131	B 7053 5101	B 7053 5103	B 7053 5105	B 7053 5107	----
Short plate square Short plate rounded		PC 72	B 7053 0140	B 7053 0130	B 7053 0100	B 7053 0102	B 7053 0104	B 7053 0106	B 7123 0000
			B 7053 0141	B 7053 0131	B 7053 0101	B 7053 0103	B 7053 0105	B 7053 0107	B 7123 0100
Oblong plate, square Oblong plate, rounded		PC 72	B 7053 2140	B 7053 2130	B 7053 2100	B 7053 2102	B 7053 2104	B 7053 2106	----
			B 7053 2141	B 7053 2131	B 7053 2101	B 7053 2103	B 7053 2105	B 7053 2107	----
Wide backplate		PC 72	B 7053 7242	----	----	----	----	----	----
Special oblong plate		PC 72	B 7053 4141	----	----	----	----	----	----



Entrance set

Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white	PVC black
Rosette	Round knob	PC	B 7076 5141	B 7076 5131	B 7076 5101	B 7076 5103	B 7076 5105	B 7076 5107	----
Short plate square Short plate rounded	Round knob	PC 72	B 7076 0140	B 7076 0130	B 7076 0100	B 7076 0102	B 7076 0104	B 7076 0106	B 7123 0010
			B 7076 0141	B 7076 0131	B 7076 0101	B 7076 0103	B 7076 0105	B 7076 0107	B 7123 0110
Oblong plate, square Oblong plate, rounded	Round knob	PC 72	B 7076 2140	B 7076 2130	B 7076 2100	B 7076 2102	B 7076 2104	B 7076 2106	----
			B 7076 2141	B 7076 2131	B 7076 2101	B 7076 2103	B 7076 2105	B 7076 2107	----
Wide backplate	Round knob	PC 72	B 7076 7242	----	----	----	----	----	----
Special oblong plate	Round knob	PC 72	B 7076 4141	----	----	----	----	----	----



Turn handle

Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white	PVC black
Rosette		w/o PC rosette	B 7090 5941	B 7090 5931	B 7090 5901	B 7090 5903	B 7090 5905	B 7090 5907	----
Short plate square Short plate rounded		without	B 7090 0040	B 7090 0030	B 7090 0000	B 7090 0002	B 7090 0004	B 7090 0006	----
			B 7090 0041	B 7090 0031	B 7090 0001	B 7090 0003	B 7090 0005	B 7090 0007	----
Oblong plate, square Oblong plate, rounded		without	B 7090 2040	B 7090 2030	B 7090 2000	B 7090 2002	B 7090 2004	B 7090 2006	----
			B 7090 2041	B 7090 2031	B 7090 2001	B 7090 2003	B 7090 2005	B 7090 2007	----



Dummy plate

Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white	PVC black
Rosette		without	B 7000 5041	B 7000 5031	B 7000 5001	B 7000 5003	B 7000 5005	B 7000 5007	----
Short plate square Short plate rounded		without	B 7000 0040	B 7000 0030	B 7000 0000	B 7000 0002	B 7000 0004	B 7000 0006	B 7123 0203
			B 7000 0041	B 7000 0031	B 7000 0001	B 7000 0003	B 7000 0005	B 7000 0007	----
Short plate square Short plate rounded		PC 72	B 7000 0140	B 7000 0130	B 7000 0100	B 7000 0102	B 7000 0104	B 7000 0106	----
			B 7000 0141	B 7000 0131	B 7000 0101	B 7000 0103	B 7000 0105	B 7000 0107	----
Oblong plate, square Oblong plate, rounded		without	B 7000 2040	B 7000 2030	B 7000 2000	B 7000 2002	B 7000 2004	B 7000 2006	----
			B 7000 2041	B 7000 2031	B 7000 2001	B 7000 2003	B 7000 2005	B 7000 2007	----
Special oblong plate		without	B 7000 4041	----	----	----	----	----	----



Half set, inside

Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white	PVC black
Rosette		PC	B 7010 5141	B 7010 5131	B 7010 5101	B 7010 5103	B 7010 5105	B 7010 5107	----
Short plate square Short plate rounded		PC 72	B 7010 0140	B 7010 0130	B 7010 0100	B 7010 0102	B 7010 0104	B 7010 0106	----
			B 7010 0141	B 7010 0131	B 7010 0101	B 7010 0103	B 7010 0105	B 7010 0107	----
Oblong plate, square Oblong plate, rounded		PC 72	B 7010 2140	B 7010 2130	B 7010 2100	B 7010 2102	B 7010 2104	B 7010 2106	----
			B 7010 2141	B 7010 2131	B 7010 2101	B 7010 2103	B 7010 2105	B 7010 2107	----



Half set outside

Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white	PVC black
Rosette		PC	B 7014 5141	B 7014 5131	B 7014 5101	B 7014 5103	B 7014 5105	B 7014 5107	----
Short plate square Short plate rounded		PC 72	B 7014 0140	B 7014 0130	B 7014 0100	B 7014 0102	B 7014 0104	B 7014 0106	B 7123 0200
			B 7014 0141	B 7014 0131	B 7014 0101	B 7014 0103	B 7014 0105	B 7014 0107	----
Oblong plate, square Oblong plate, rounded		PC 72	B 7014 2140	B 7014 2130	B 7014 2100	B 7014 2102	B 7014 2104	B 7014 2106	----
			B 7014 2141	B 7014 2131	B 7014 2101	B 7014 2103	B 7014 2105	B 7014 2107	----



Knob backplate, outside

Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white	PVC black
Rosette	Round knob	PC	B 7001 5141	B 7001 5131	B 7001 5101	B 7001 5103	B 7001 5105	B 7001 5107	----
Short plate square Short plate rounded	Round knob	PC 72	B 7001 0140	B 7001 0130	B 7001 0100	B 7001 0102	B 7001 0104	B 7001 0106	B 7123 0202
			B 7001 0141	B 7001 0131	B 7001 0101	B 7001 0103	B 7001 0105	B 7001 0107	----
Oblong plate, square Oblong plate, rounded	Round knob	PC 72	B 7001 2140	B 7001 2130	B 7001 2100	B 7001 2102	B 7001 2104	B 7001 2106	----
			B 7001 2141	B 7001 2131	B 7001 2101	B 7001 2103	B 7001 2105	B 7001 2107	----



Inside handle w/o PC

Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white	PVC black
Rosette		w/o PC rosette	B 7010 5941	B 7010 5931	B 7010 5901	B 7010 5903	B 7010 5905	B 7010 5907	----



PC rosette inside

Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white	PVC black
Rosette		PC	B 7098 5141	B 7098 5131	B 7098 5101	B 7098 5103	B 7098 5105	B 7098 5107	----



Outside handle w/o PC

Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white	PVC black
Rosette		w/o PC rosette	B 7014 5941	B 7014 5931	B 7014 5901	B 7014 5903	B 7014 5905	B 7014 5907	----



PC rosette outside

Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white	PVC black
Rosette		PC	B 7097 5141	B 7097 5131	B 7097 5101	B 7097 5103	B 7097 5105	B 7097 5107	----



Knob

Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white	PVC black
Rosette		w/o PC rosette	B 7001 5841	B 7001 5831	B 7001 5801	B 7001 5803	B 7001 5805	B 7001 5807	----

PC = profile cylinder

Security fittings ES3



Lever set

Type of set	Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Lever set 8 mm spindle	Oblong plate, rounded		CC 72	B 7300 5041	B 7300 5031	B 7300 5001	B 7300 5003	B 7300 5005	B 7300 5007
Lever set 9 mm spindle	Oblong plate, rounded		CC 72	B 7300 5141	B 7300 5131	B 7300 5101	B 7300 5103	B 7300 5105	B 7300 5107
Lever set 10 mm spindle	Oblong plate, rounded		CC 92	B 7301 5241	B 7301 5231	B 7301 5201	B 7301 5203	B 7301 5205	B 7301 5207



Entrance set

Type of set	Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Entrance set 8 mm spindle	Oblong plate, rounded	Round knob	CC 72	B 7300 2541	B 7300 2531	B 7300 2501	B 7300 2503	B 7300 2505	B 7300 2507
Entrance set 9 mm spindle	Oblong plate, rounded	Round knob	CC 72	B 7300 2641	B 7300 2631	B 7300 2601	B 7300 2603	B 7300 2605	B 7300 2607
Entrance set 10 mm spindle	Oblong plate, rounded	Round knob	CC 92	B 7301 2741	B 7301 2731	B 7301 2701	B 7301 2703	B 7301 2705	B 7301 2707



Entrance set

Type of set	Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Entrance set 8 mm spindle	Oblong plate, rounded	Round knob cranked	CC 72	B 7300 0041	B 7300 0031	B 7300 0001	B 7300 0003	B 7300 0005	B 7300 0007
Entrance set 9 mm spindle	Oblong plate, rounded	Round knob cranked	CC 72	B 7300 0141	B 7300 0131	B 7300 0101	B 7300 0103	B 7300 0105	B 7300 0107
Entrance set 10 mm spindle	Oblong plate, rounded	Round knob cranked	CC 92	B 7301 0241	B 7301 0231	B 7301 0201	B 7301 0203	B 7301 0205	B 7301 0207



Fire protection fittings ES3



Lever set

Type of set	Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Lever set 9 mm spindle	Oblong plate, rounded		CC 72	B 7300 5341	B 7300 5331	B 7300 5301	B 7300 5303	B 7300 5305	B 7300 5307



Entrance set

Type of set	Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Entrance set 9 mm spindle	Oblong plate, rounded	Round knob	CC 72	B 7300 2841	B 7300 2831	B 7300 2801	B 7300 2803	B 7300 2805	B 7300 2807

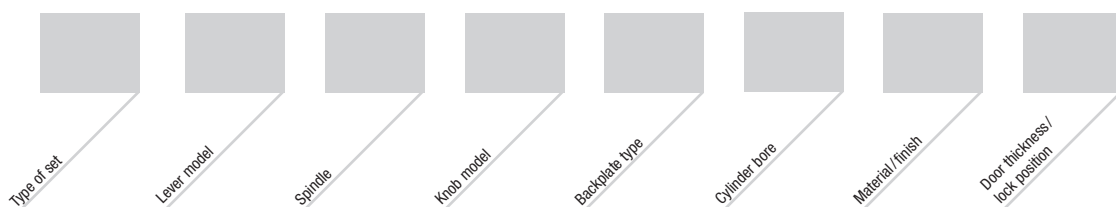


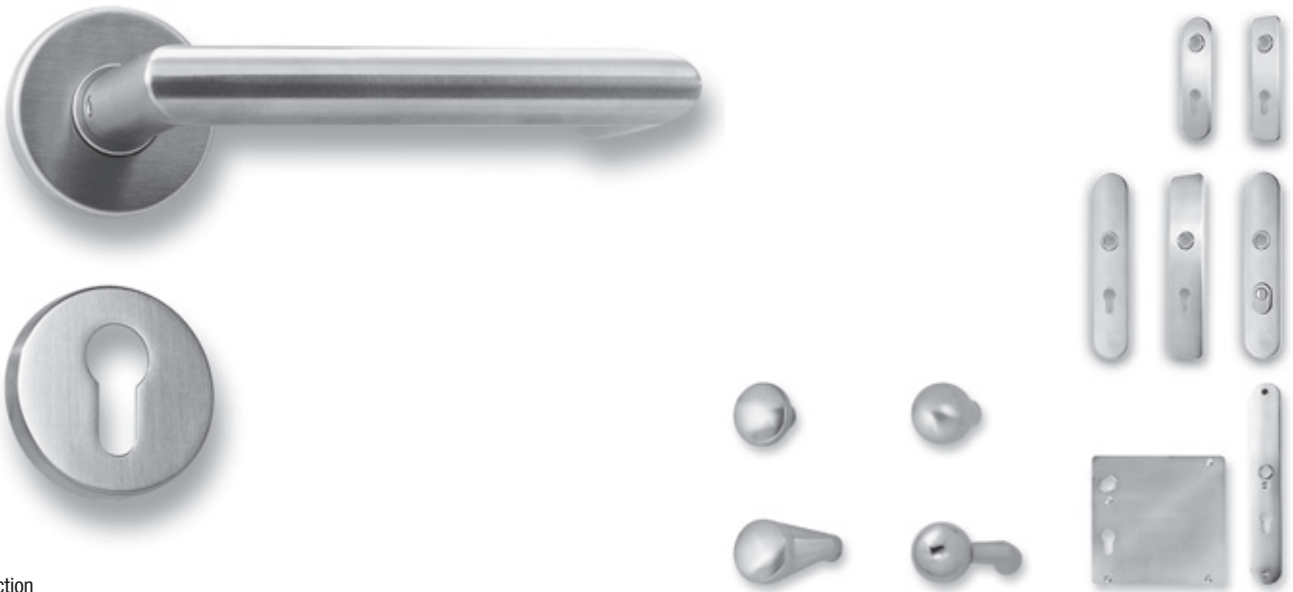
Entrance set

Type of set	Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Entrance set 9 mm spindle	Oblong plate, rounded	Round knob cranked	CC 72	B 7300 0341	B 7300 0331	B 7300 0301	B 7300 0303	B 7300 0305	B 7300 0307

CC = cylinder cover

Items with other features must be ordered under item number B 7099 9999 with precise details according to the following check list:

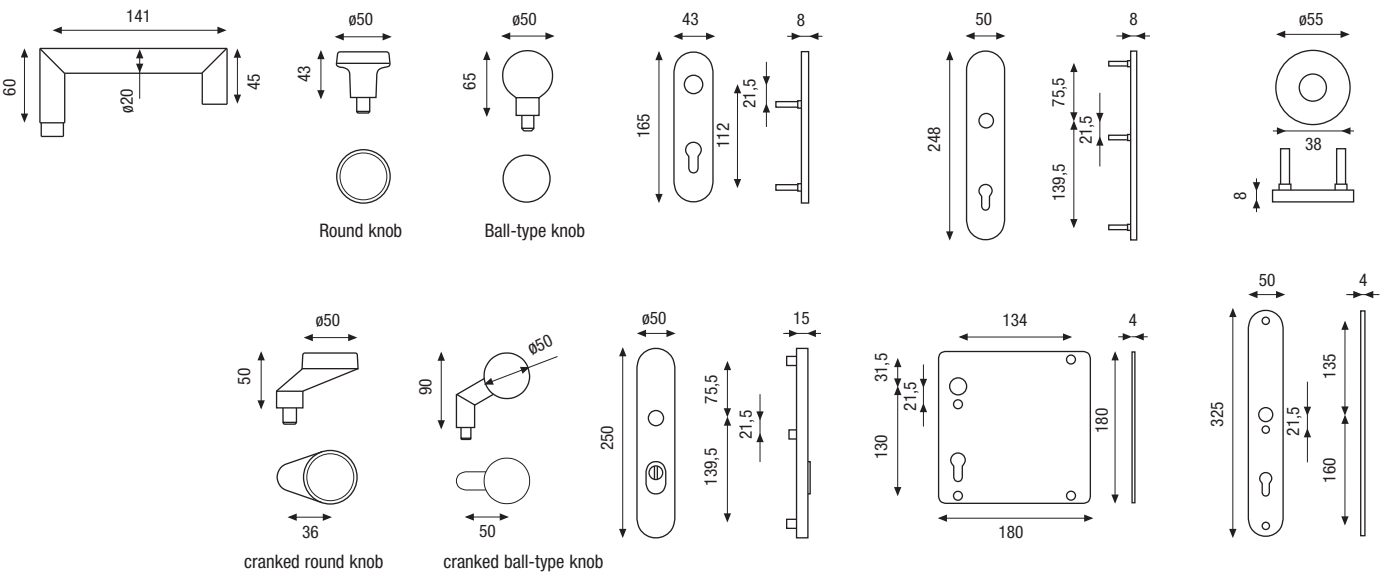




Knob types

Backplate types

Dimensioned drawings



Product information

- Lever handles available with 8, 9, 10 mm spindle; fixed backplate with friction washer (BKS differential bearing).
- The cranked door knob variants are non-handed.
- Clip-on backplates.
- Security fittings as lever set or entrance set to DIN 18257 – ES3
- The cylinder cover is suitable for a cylinder protrusion of 12 to 19 mm.
- The vertical lever variant is provided with a detent mechanism to ensure a precise vertical position.
- All material versions approved for use on fire and smoke control doors to DIN 18273 and EN 1906, and for use on escape doors to EN 179.
- The mounting accessories are included in the items supplied (contract sets for door thickness 37 – 42 mm, fire-rated sets for door thickness 42 – 52 mm).
- For use on escape doors with a divided follower it is necessary to specify the lock position in addition to the door thickness (refer to page 60).



Lever set
8 mm spindle

Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Rosette		PC	B 70BG 5141	----	----	----	----	----
Short plate square Short plate rounded		PC 72	B 70BG 0140	----	----	----	----	----
			B 70BG 0141	----	----	----	----	----
Oblong plate, square Oblong plate, rounded		PC 72	B 70BG 2140	----	----	----	----	----
			B 70BG 2141	----	----	----	----	----
Wide backplate		PC 72	B 70BG 7242	----	----	----	----	----
Special oblong plate		PC 72	B 70BG 4141	----	----	----	----	----



Lever set
9 mm spindle

Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Rosette		PC	B 70BH 5141	----	----	----	----	----
Short plate square Short plate rounded		PC 72	B 70BH 0140	----	----	----	----	----
			B 70BH 0141	----	----	----	----	----
Oblong plate, square Oblong plate, rounded		PC 72	B 70BH 2140	----	----	----	----	----
			B 70BH 2141	----	----	----	----	----
Wide backplate		PC 72	B 70BH 7242	----	----	----	----	----
Special oblong plate		PC 72	B 70BH 4141	----	----	----	----	----



Entrance set
8 mm spindle

Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Rosette	Round knob	PC	B 70BJ 5141	----	----	----	----	----
Short plate square Short plate rounded	Round knob	PC 72	B 70BJ 0140	----	----	----	----	----
			B 70BJ 0141	----	----	----	----	----
Oblong plate, square Oblong plate, rounded	Round knob	PC 72	B 70BJ 2140	----	----	----	----	----
			B 70BJ 2141	----	----	----	----	----
Wide backplate	Round knob	PC 72	B 70BJ 7242	----	----	----	----	----
Special oblong plate	Round knob	PC 72	B 70BJ 4141	----	----	----	----	----



Entrance set
9 mm spindle

Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Rosette	Round knob	PC	B 70BK 5141	----	----	----	----	----
Short plate square Short plate rounded	Round knob	PC 72	B 70BK 0140	----	----	----	----	----
			B 70BK 0141	----	----	----	----	----
Oblong plate, square Oblong plate, rounded	Round knob	PC 72	B 70BK 2140	----	----	----	----	----
			B 70BK 2141	----	----	----	----	----
Wide backplate	Round knob	PC 72	B 70BK 7242	----	----	----	----	----
Special oblong plate	Round knob	PC 72	B 70BK 4141	----	----	----	----	----



Bath set
8 mm spindle

Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Rosette		Bath	B 70BG 5441	----	----	----	----	----
Short plate square Short plate rounded		Bath 78 mm	B 70BG 0540	----	----	----	----	----
			B 70BG 0541	----	----	----	----	----
Oblong plate, square Oblong plate, rounded		Bath 78 mm	B 70BG 2840	----	----	----	----	----
			B 70BG 2841	----	----	----	----	----
Wide backplate		Bath 78 mm	B 70BG 7742	----	----	----	----	----
Special oblong plate		Bath 78 mm	B 70BG 4441	----	----	----	----	----

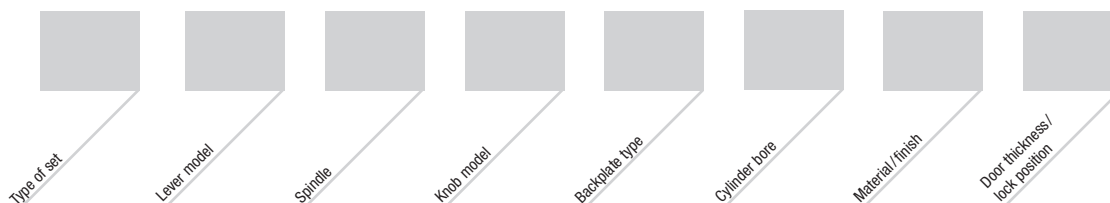


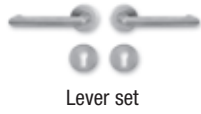
Bath set
9 mm spindle

Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Rosette		Bath	B 70BH 5441	----	----	----	----	----
Short plate square Short plate rounded		Bath 78 mm	B 70BH 0540	----	----	----	----	----
			B 70BH 0541	----	----	----	----	----
Oblong plate, square Oblong plate, rounded		Bath 78 mm	B 70BH 2840	----	----	----	----	----
			B 70BH 2841	----	----	----	----	----
Wide backplate		Bath 78 mm	B 70BH 7742	----	----	----	----	----
Special oblong plate		Bath 78 mm	B 70BH 4441	----	----	----	----	----

PC = profile cylinder

Items with other features must be ordered under item number B 7099 9999 with precise details according to the following check list:





Lever set

Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Rosette		PC	B 70 B I 5141	----	----	----	----	----
Short plate square Short plate rounded		PC 72	B 70 B I 0140	----	----	----	----	----
			B 70 B I 0141	----	----	----	----	
Oblong plate, square Oblong plate, rounded		PC 72	B 70 B I 2140	----	----	----	----	----
			B 70 B I 2141	----	----	----	----	
Wide backplate		PC 72	B 70 B I 7242	----	----	----	----	----
Special oblong plate		PC 72	B 70 B I 4141	----	----	----	----	----



Entrance set

Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Rosette	Round knob	PC	B 70BL 5141	----	----	----	----	----
Short plate square Short plate rounded	Round knob	PC 72	B 70BL 0140	----	----	----	----	----
			B 70BL 0141	----	----	----	----	
Oblong plate, square Oblong plate, rounded	Round knob	PC 72	B 70BL 2140	----	----	----	----	----
			B 70BL 2141	----	----	----	----	
Wide backplate	Round knob	PC 72	B 70BL 7242	----	----	----	----	----
Special oblong plate	Round knob	PC 72	B 70BL 4141	----	----	----	----	----



Turn handle

Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Rosette		w/o PC rosette	B 70BR 5941	----	----	----	----	----
Short plate square Short plate rounded		without	B 70BR 0040	----	----	----	----	----
			B 70BR 0041	----	----	----	----	
Oblong plate, square Oblong plate, rounded		without	B 70BR 2040	----	----	----	----	----
			B 70BR 2041	----	----	----	----	



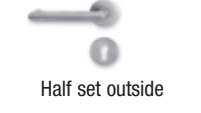
Dummy plate

Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Rosette		without	B 7000 5041	----	----	----	----	----
Short plate square Short plate rounded		without	B 7000 0040	----	----	----	----	----
			B 7000 0041	----	----	----	----	
Short plate square Short plate rounded		PC 72	B 7000 0140	----	----	----	----	----
			B 7000 0141	----	----	----	----	
Oblong plate, square Oblong plate, rounded		without	B 7000 2040	----	----	----	----	----
			B 7000 2041	----	----	----	----	
Special oblong plate		without	B 7000 4041	----	----	----	----	



Half set, inside

Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Rosette		PC	B 70BC 5141	----	----	----	----	----
Short plate square Short plate rounded		PC 72	B 70BC 0140	----	----	----	----	----
			B 70BC 0141	----	----	----	----	
Oblong plate, square Oblong plate, rounded		PC 72	B 70BC 2140	----	----	----	----	----
			B 70BC 2141	----	----	----	----	



Half set outside

Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Rosette		PC	B 70BF 5141	----	----	----	----	----
Short plate square Short plate rounded		PC 72	B 70BF 0140	----	----	----	----	----
			B 70BF 0141	----	----	----	----	
Oblong plate, square Oblong plate, rounded		PC 72	B 70BF 2140	----	----	----	----	----
			B 70BF 2141	----	----	----	----	



Knob backplate, outside

Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Rosette	Round knob	PC	B 7001 5141	----	----	----	----	----
Short plate square Short plate rounded	Round knob	PC 72	B 7001 0140	----	----	----	----	----
			B 7001 0141	----	----	----	----	
Oblong plate, square Oblong plate, rounded	Round knob	PC 72	B 7001 2140	----	----	----	----	----
			B 7001 2141	----	----	----	----	



Inside handle w/o PC

Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Rosette		w/o PC rosette	B 70BC 5941	----	----	----	----	----



PC rosette inside

Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Rosette		PC	B 7098 5141	----	----	----	----	----



Outside handle w/o PC

Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Rosette		w/o PC rosette	B 70BF 5941	----	----	----	----	----



PC rosette outside

Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Rosette		PC	B 7097 5141	----	----	----	----	----



Knob

Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Rosette	Round knob	w/o PC rosette	B 7001 5841	----	----	----	----	----

PC = profile cylinder

Security fittings ES3



Lever set

Type of set	Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Lever set 8 mm spindle	Oblong plate, rounded		CC 72	B 7300 BG41	----	----	----	----	----
Lever set 9 mm spindle	Oblong plate, rounded		CC 72	B 7300 BH41	----	----	----	----	----



Entrance set

Type of set	Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Entrance set 8 mm spindle	Oblong plate, rounded	Round knob	CC 72	B 7300 BD41	----	----	----	----	----
Entrance set 9 mm spindle	Oblong plate, rounded	Round knob	CC 72	B 7300 BE41	----	----	----	----	----



Entrance set

Type of set	Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Entrance set 8 mm spindle	Oblong plate, rounded	Round knob cranked	CC 72	B 7300 BA41	----	----	----	----	----
Entrance set 9 mm spindle	Oblong plate, rounded	Round knob cranked	CC 72	B 7300 BB41	----	----	----	----	----



Fire protection fittings ES3



Lever set

Type of set	Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Lever set 9 mm spindle	Oblong plate, rounded		CC 72	B 7300 B I41	----	----	----	----	----



Entrance set

Type of set	Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Entrance set 9 mm spindle	Oblong plate, rounded	Round knob	CC 72	B 7300 BF41	----	----	----	----	----

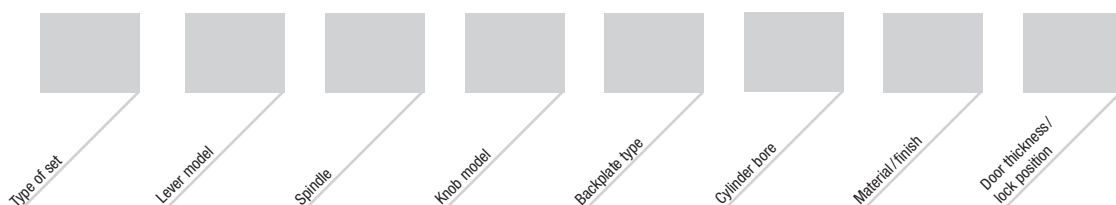


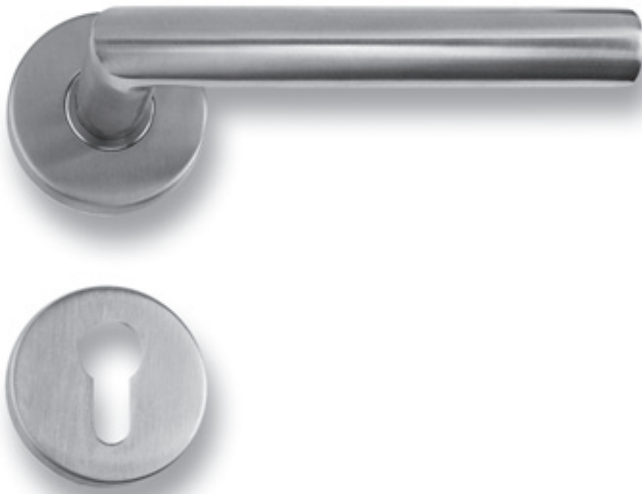
Entrance set

Type of set	Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Entrance set 9 mm spindle	Oblong plate, rounded	Round knob cranked	CC 72	B 7300 BC41	----	----	----	----	----

CC = cylinder cover

Items with other features must be ordered under item number B 7099 9999 with precise details according to the following check list:





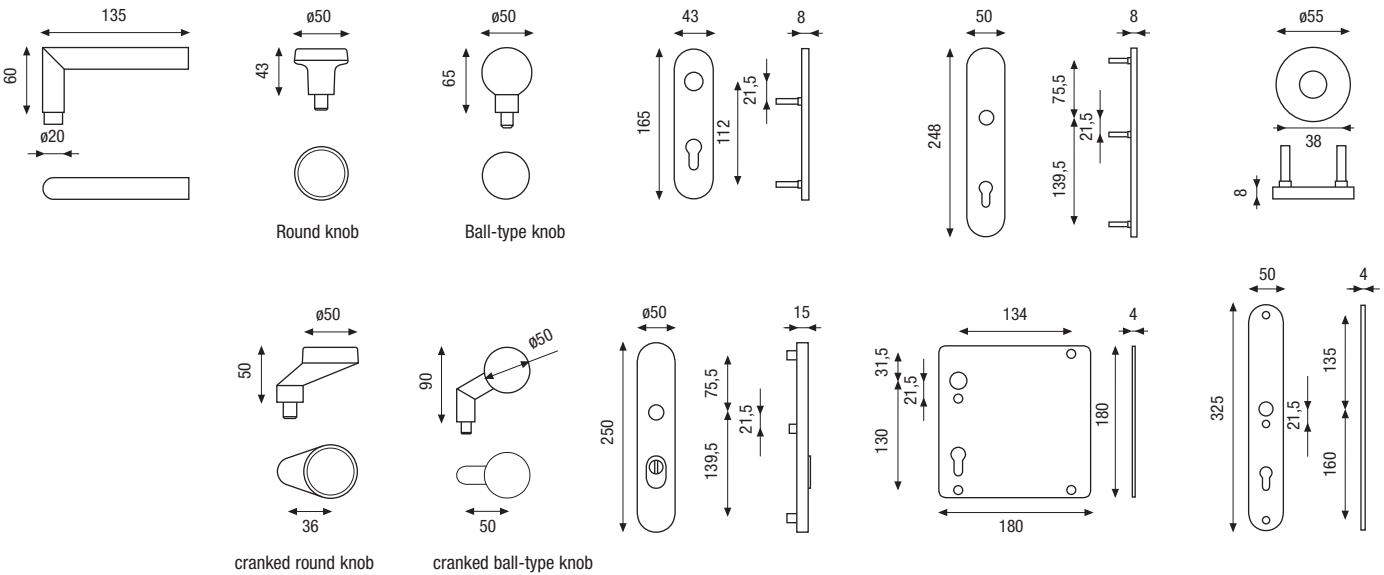
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Fire protection

Knob types

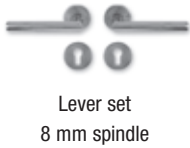
Backplate types

Dimensioned drawings

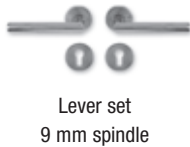


Product information

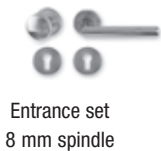
- Lever handles available with 8, 9, 10 mm spindle; fixed backplate with friction washer (BKS differential bearing).
- The cranked door knob variants are non-handed.
- Clip-on backplates.
- Security fittings as lever set or entrance set to DIN 18257 – ES3
- The cylinder cover is suitable for a cylinder protrusion of 12 to 19 mm.
- All material versions approved for use on fire and smoke control doors to DIN 18273 and EN 1906.
- The mounting accessories are included in the items supplied (contract sets for door thickness 37 – 42 mm).



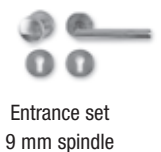
Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Rosette		PC	B 7060 5141	B 7060 5131	B 7060 5101	B 7060 5103	B 7060 5105	B 7060 5107
Short plate square Short plate rounded		PC 72	B 7060 0140	B 7060 0130	B 7060 0100	B 7060 0102	B 7060 0104	B 7060 0106
			B 7060 0141	B 7060 0131	B 7060 0101	B 7060 0103	B 7060 0105	B 7060 0107
Oblong plate, square Oblong plate, rounded		PC 72	B 7060 2140	B 7060 2130	B 7060 2100	B 7060 2102	B 7060 2104	B 7060 2106
			B 7060 2141	B 7060 2131	B 7060 2101	B 7060 2103	B 7060 2105	B 7060 2107
Wide backplate		PC 72	B 7060 7242	----	----	----	----	----
Special oblong plate		PC 72	B 7060 4141	----	----	----	----	----



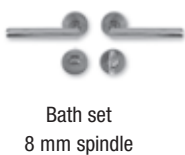
Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Rosette		PC	B 7061 5141	B 7061 5131	B 7061 5101	B 7061 5103	B 7061 5105	B 7061 5107
Short plate square Short plate rounded		PC 72	B 7061 0140	B 7061 0130	B 7061 0100	B 7061 0102	B 7061 0104	B 7061 0106
			B 7061 0141	B 7061 0131	B 7061 0101	B 7061 0103	B 7061 0105	B 7061 0107
Oblong plate, square Oblong plate, rounded		PC 72	B 7061 2140	B 7061 2130	B 7061 2100	B 7061 2102	B 7061 2104	B 7061 2106
			B 7061 2141	B 7061 2131	B 7061 2101	B 7061 2103	B 7061 2105	B 7061 2107
Wide backplate		PC 72	B 7061 7242	----	----	----	----	----
Special oblong plate		PC 72	B 7061 4141	----	----	----	----	----



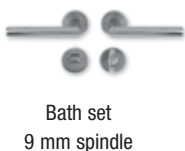
Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Rosette	Round knob	PC	B 7081 5141	B 7081 5131	B 7081 5101	B 7081 5103	B 7081 5105	B 7081 5107
Short plate square Short plate rounded	Round knob	PC 72	B 7081 0140	B 7081 0130	B 7081 0100	B 7081 0102	B 7081 0104	B 7081 0106
			B 7081 0141	B 7081 0131	B 7081 0101	B 7081 0103	B 7081 0105	B 7081 0107
Oblong plate, square Oblong plate, rounded	Round knob	PC 72	B 7081 2140	B 7081 2130	B 7081 2100	B 7081 2102	B 7081 2104	B 7081 2106
			B 7081 2141	B 7081 2131	B 7081 2101	B 7081 2103	B 7081 2105	B 7081 2107
Wide backplate	Round knob	PC 72	B 7081 7242	----	----	----	----	----
Special oblong plate	Round knob	PC 72	B 7081 4141	----	----	----	----	----



Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Rosette	Round knob	PC	B 7082 5141	B 7082 5131	B 7082 5101	B 7082 5103	B 7082 5105	B 7082 5107
Short plate square Short plate rounded	Round knob	PC 72	B 7082 0140	B 7082 0130	B 7082 0100	B 7082 0102	B 7082 0104	B 7082 0106
			B 7082 0141	B 7082 0131	B 7082 0101	B 7082 0103	B 7082 0105	B 7082 0107
Oblong plate, square Oblong plate, rounded	Round knob	PC 72	B 7082 2140	B 7082 2130	B 7082 2100	B 7082 2102	B 7082 2104	B 7082 2106
			B 7082 2141	B 7082 2131	B 7082 2101	B 7082 2103	B 7082 2105	B 7082 2107
Wide backplate	Round knob	PC 72	B 7082 7242	----	----	----	----	----
Special oblong plate	Round knob	PC 72	B 7082 4141	----	----	----	----	----



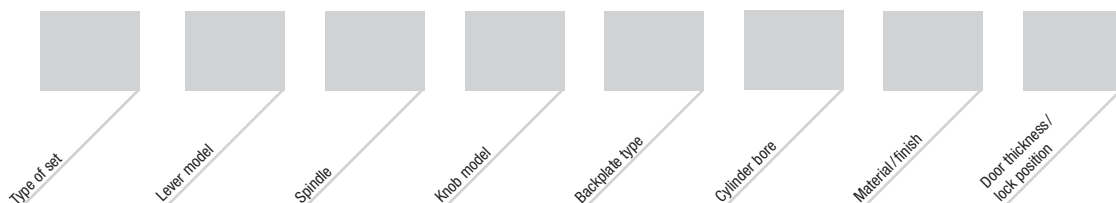
Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Rosette		Bath	B 7060 5441	B 7060 5431	B 7060 5401	B 7060 5403	B 7060 5405	B 7060 5407
Short plate square Short plate rounded		Bath 78 mm	B 7060 0540	B 7060 0530	B 7060 0500	B 7060 0502	B 7060 0504	B 7060 0506
			B 7060 0541	B 7060 0531	B 7060 0501	B 7060 0503	B 7060 0505	B 7060 0507
Oblong plate, square Oblong plate, rounded		Bath 78 mm	B 7060 2840	B 7060 2830	B 7060 2800	B 7060 2802	B 7060 2804	B 7060 2806
			B 7060 2841	B 7060 2831	B 7060 2801	B 7060 2803	B 7060 2805	B 7060 2807
Wide backplate		Bath 78 mm	B 7060 7742	----	----	----	----	----
Special oblong plate		Bath 78 mm	B 7060 4441	----	----	----	----	----

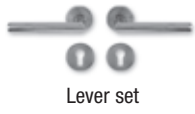


Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Rosette		Bath	B 7061 5441	B 7061 5431	B 7061 5401	B 7061 5403	B 7061 5405	B 7061 5407
Short plate square Short plate rounded		Bath 78 mm	B 7061 0540	B 7061 0530	B 7061 0500	B 7061 0502	B 7061 0504	B 7061 0506
			B 7061 0541	B 7061 0531	B 7061 0501	B 7061 0503	B 7061 0505	B 7061 0507
Oblong plate, square Oblong plate, rounded		Bath 78 mm	B 7061 2840	B 7061 2830	B 7061 2800	B 7061 2802	B 7061 2804	B 7061 2806
			B 7061 2841	B 7061 2831	B 7061 2801	B 7061 2803	B 7061 2805	B 7061 2807
Wide backplate		Bath 78 mm	B 7061 7742	----	----	----	----	----
Special oblong plate		Bath 78 mm	B 7061 4441	----	----	----	----	----

PC = profile cylinder

Items with other features must be ordered under item number B 7099 9999 with precise details according to the following check list:





Lever set

Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Rosette		PC	B 7064 5141	B 7064 5131	B 7064 5101	B 7064 5103	B 7064 5105	B 7064 5107
Short plate square Short plate rounded		PC 72	B 7064 0140 B 7064 0141	B 7064 0130 B 7064 0131	B 7064 0100 B 7064 0101	B 7064 0102 B 7064 0103	B 7064 0104 B 7064 0105	B 7064 0106 B 7064 0107
Oblong plate, square Oblong plate, rounded		PC 72	B 7064 2140 B 7064 2141	B 7064 2130 B 7064 2131	B 7064 2100 B 7064 2101	B 7064 2102 B 7064 2103	B 7064 2104 B 7064 2105	B 7064 2106 B 7064 2107
Wide backplate		PC 72	B 7064 7242	----	----	----	----	----
Special oblong plate		PC 72	B 7064 4141	----	----	----	----	----



Entrance set

Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Rosette	Round knob	PC	B 7071 5141	B 7071 5131	B 7071 5101	B 7071 5103	B 7071 5105	B 7071 5107
Short plate square Short plate rounded	Round knob	PC 72	B 7071 0140 B 7071 0141	B 7071 0130 B 7071 0131	B 7071 0100 B 7071 0101	B 7071 0102 B 7071 0103	B 7071 0104 B 7071 0105	B 7071 0106 B 7071 0107
Oblong plate, square Oblong plate, rounded	Round knob	PC 72	B 7071 2140 B 7071 2141	B 7071 2130 B 7071 2131	B 7071 2100 B 7071 2101	B 7071 2102 B 7071 2103	B 7071 2104 B 7071 2105	B 7071 2106 B 7071 2107
Wide backplate	Round knob	PC 72	B 7071 7242	----	----	----	----	----
Special oblong plate	Round knob	PC 72	B 7071 4141	----	----	----	----	----



Dummy plate

Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Rosette		without	B 7000 5041	B 7000 5031	B 7000 5001	B 7000 5003	B 7000 5005	B 7000 5007
Short plate square Short plate rounded		without	B 7000 0040 B 7000 0041	B 7000 0003 B 7000 0031	B 7000 0000 B 7000 0001	B 7000 0002 B 7000 0003	B 7000 0004 B 7000 0005	B 7000 0006 B 7000 0007
Short plate square Short plate rounded		PC 72	B 7000 0140 B 7000 0141	B 7000 0130 B 7000 0131	B 7000 0100 B 7000 0101	B 7000 0102 B 7000 0103	B 7000 0104 B 7000 0105	B 7000 0106 B 7000 0107
Oblong plate, square Oblong plate, rounded		without	B 7000 2040 B 7000 2041	B 7000 2030 B 7000 2031	B 7000 2000 B 7000 2001	B 7000 2002 B 7000 2003	B 7000 2004 B 7000 2005	B 7000 2006 B 7000 2007
Special oblong plate		without	B 7000 4041	----	----	----	----	----



Half set, inside

Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Rosette		PC	B 7006 5141	B 7006 5131	B 7006 5101	B 7006 5103	B 7006 5105	B 7006 5107
Short plate square Short plate rounded		PC 72	B 7006 0140 B 7006 0141	B 7006 0130 B 7006 0131	B 7006 0100 B 7006 0101	B 7006 0102 B 7006 0103	B 7006 0104 B 7006 0105	B 7006 0106 B 7006 0107
Oblong plate, square Oblong plate, rounded		PC 72	B 7006 2140 B 7006 2141	B 7006 2130 B 7006 2131	B 7006 2000 B 7006 2001	B 7006 2002 B 7006 2003	B 7006 2004 B 7006 2005	B 7006 2006 B 7006 2007



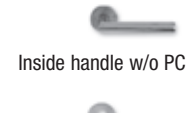
Half set outside

Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Rosette		PC	B 7007 5141	B 7007 5131	B 7007 5101	B 7007 5103	B 7007 5105	B 7007 5107
Short plate square Short plate rounded		PC 72	B 7007 0140 B 7007 0141	B 7007 0130 B 7007 0131	B 7007 0100 B 7007 0101	B 7007 0102 B 7007 0103	B 7007 0104 B 7007 0105	B 7007 0106 B 7007 0107
Oblong plate, square Oblong plate, rounded		PC 72	B 7007 2140 B 7007 2141	B 7007 2130 B 7007 2131	B 7007 2100 B 7007 2101	B 7007 2102 B 7007 2103	B 7007 2104 B 7007 2105	B 7007 2106 B 7007 2107



Knob backplate, outside

Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Rosette	Round knob	PC	B 7001 5141	B 7001 5131	B 7001 5101	B 7001 5103	B 7001 5105	B 7001 5107
Short plate square Short plate rounded	Round knob	PC 72	B 7001 0140 B 7001 0141	B 7001 0130 B 7001 0131	B 7001 0100 B 7001 0101	B 7001 0102 B 7001 0103	B 7001 0104 B 7001 0105	B 7001 0106 B 7001 0107
Oblong plate, square Oblong plate, rounded	Round knob	PC 72	B 7001 2140 B 7001 2141	B 7001 2130 B 7001 2131	B 7001 2100 B 7001 2101	B 7001 2102 B 7001 2103	B 7001 2104 B 7001 2105	B 7001 2106 B 7001 2107



Inside handle w/o PC

Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Rosette		w/o PC rosette	B 7006 5941	B 7006 5931	B 7006 5901	B 7006 5903	B 7006 5905	B 7006 5907



PC rosette inside

Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Rosette		PC	B 7098 5141	B 7098 5131	B 7098 5101	B 7098 5103	B 7098 5105	B 7098 5107



Outside handle w/o PC

Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Rosette		w/o PC rosette	B 7007 5941	B 7007 5931	B 7007 5901	B 7007 5903	B 7007 5905	B 7007 5907



PC rosette outside

Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Rosette		PC	B 7097 5141	B 7097 5131	B 7097 5101	B 7097 5103	B 7097 5105	B 7097 5107



Knob

Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Rosette	Round knob	w/o PC rosette	B 7001 5841	B 7001 5831	B 7001 5801	B 7001 5803	B 7001 5805	B 7001 5807

PC = profile cylinder

Security fittings ES3



Lever set

Type of set	Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Lever set 8 mm spindle	Oblong plate, rounded		CC 72	B 7300 6041	B 7300 6031	B 7300 6001	B 7300 6003	B 7300 6005	B 7300 6007
Lever set 9 mm spindle	Oblong plate, rounded		CC 72	B 7300 6141	B 7300 6131	B 7300 6101	B 7300 6103	B 7300 6105	B 7300 6107
Lever set 10 mm spindle	Oblong plate, rounded		CC 92	B 7301 6241	B 7301 6231	B 7301 6201	B 7301 6203	B 7301 6205	B 7301 6207



Entrance set

Type of set	Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Entrance set 8 mm spindle	Oblong plate, rounded	Round knob	CC 72	B 7300 3541	B 7300 3531	B 7300 3501	B 7300 3503	B 7300 3505	B 7300 3507
Entrance set 9 mm spindle	Oblong plate, rounded	Round knob	CC 72	B 7300 3641	B 7300 3631	B 7300 3601	B 7300 3603	B 7300 3605	B 7300 3607
Entrance set 10 mm spindle	Oblong plate, rounded	Round knob	CC 92	B 7301 3741	B 7301 3731	B 7301 3701	B 7301 3703	B 7301 3705	B 7301 3707

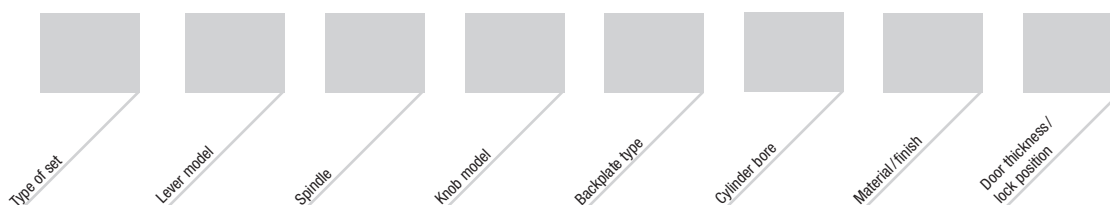


Entrance set

Type of set	Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Entrance set 8 mm spindle	Oblong plate, rounded	Round knob cranked	CC 72	B 7300 1041	B 7300 1031	B 7300 1001	B 7300 1003	B 7300 1005	B 7300 1007
Entrance set 9 mm spindle	Oblong plate, rounded	Round knob cranked	CC 72	B 7300 1141	B 7300 1131	B 7300 1101	B 7300 1103	B 7300 1105	B 7300 1107
Entrance set 10 mm spindle	Oblong plate, rounded	Round knob cranked	CC 92	B 7301 1241	B 7301 1231	B 7301 1201	B 7301 1203	B 7301 1205	B 7301 1207

CC = cylinder cover

Items with other features must be ordered under item number B 7099 9999 with precise details according to the following check list:

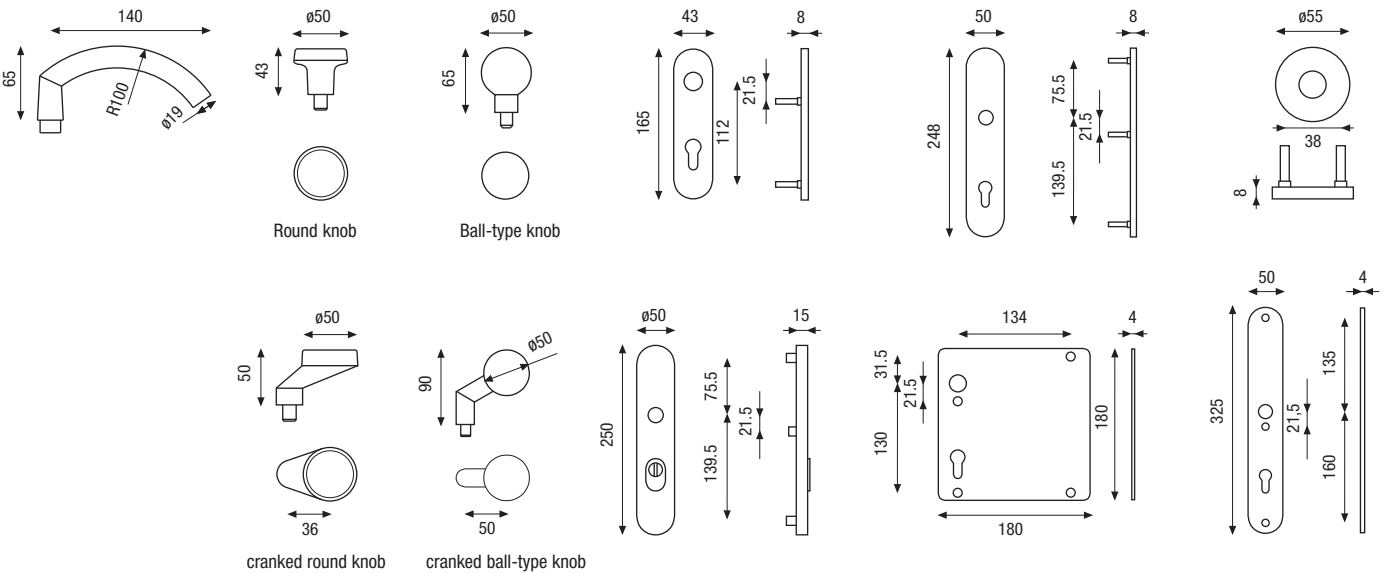




Knob types

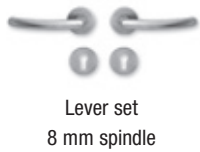
Backplate types

Dimensioned drawings

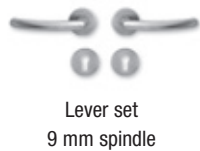


Product information

- Lever handles available with 8, 9, 10 mm spindle; fixed backplate with friction washer (BKS differential bearing).
- The cranked door knob variants are non-handed.
- Clip-on backplates.
- Security fittings as lever set or entrance set to DIN 18257 – ES3
- The cylinder cover is suitable for a cylinder protrusion of 12 to 19 mm.
- The vertical lever variant is provided with a detent mechanism to ensure a precise vertical position.
- All material versions approved for use on fire and smoke control doors to DIN 18273 and EN 1906, and for use on escape doors to EN 179.
- The mounting accessories are included in the items supplied (contract sets for door thickness 37 – 42 mm, fire-rated sets for door thickness 42 – 52 mm).
- For use on escape doors with a divided follower it is necessary to specify the lock position in addition to the door thickness (refer to page 60).



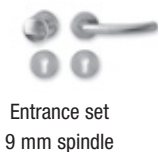
Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Rosette		PC	B 70FG 5141	----	----	----	----	----
Short plate square Short plate rounded		PC 72	B 70FG 0140	----	----	----	----	----
			B 70FG 0141	----	----	----	----	----
Oblong plate, square Oblong plate, rounded		PC 72	B 70FG 2140	----	----	----	----	----
			B 70FG 2141	----	----	----	----	----
Wide backplate		PC 72	B 70FG 7242	----	----	----	----	----
Special oblong plate		PC 72	B 70FG 4141	----	----	----	----	----



Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Rosette		PC	B 70FH 5141	----	----	----	----	----
Short plate square Short plate rounded		PC 72	B 70FH 0140	----	----	----	----	----
			B 70FH 0141	----	----	----	----	----
Oblong plate, square Oblong plate, rounded		PC 72	B 70FH 2140	----	----	----	----	----
			B 70FH 2141	----	----	----	----	----
Wide backplate		PC 72	B 70FH 7242	----	----	----	----	----
Special oblong plate		PC 72	B 70FH 4141	----	----	----	----	----



Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Rosette	Round knob	PC	B 70FJ 5141	----	----	----	----	----
Short plate square Short plate rounded	Round knob	PC 72	B 70FJ 0140	----	----	----	----	----
			B 70FJ 0141	----	----	----	----	----
Oblong plate, square Oblong plate, rounded	Round knob	PC 72	B 70FJ 2140	----	----	----	----	----
			B 70FJ 2141	----	----	----	----	----
Wide backplate	Round knob	PC 72	B 70FJ 7242	----	----	----	----	----
Special oblong plate	Round knob	PC 72	B 70FJ 4141	----	----	----	----	----



Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Rosette	Round knob	PC	B 70FK 5141	----	----	----	----	----
Short plate square Short plate rounded	Round knob	PC 72	B 70FK 0140	----	----	----	----	----
			B 70FK 0141	----	----	----	----	----
Oblong plate, square Oblong plate, rounded	Round knob	PC 72	B 70FK 2140	----	----	----	----	----
			B 70FK 2141	----	----	----	----	----
Wide backplate	Round knob	PC 72	B 70FK 7242	----	----	----	----	----
Special oblong plate	Round knob	PC 72	B 70FK 4141	----	----	----	----	----



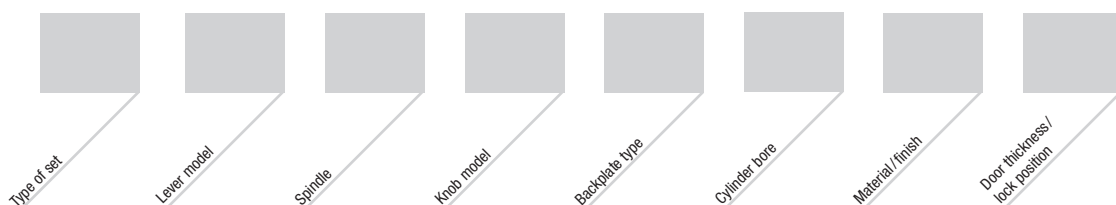
Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Rosette		Bath	B 70FG 5441	----	----	----	----	----
Short plate square Short plate rounded		Bath 78 mm	B 70FG 0540	----	----	----	----	----
			B 70FG 0541	----	----	----	----	----
Oblong plate, square Oblong plate, rounded		Bath 78 mm	B 70FG 2840	----	----	----	----	----
			B 70FG 2841	----	----	----	----	----
Wide backplate		Bath 78 mm	B 70FG 7742	----	----	----	----	----
Special oblong plate		Bath 78 mm	B 70FG 4441	----	----	----	----	----

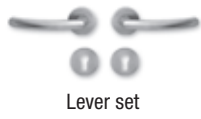


Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Rosette		Bath	B 70FH 5441	----	----	----	----	----
Short plate square Short plate rounded		Bath 78 mm	B 70FH 0540	----	----	----	----	----
			B 70FH 0541	----	----	----	----	----
Oblong plate, square Oblong plate, rounded		Bath 78 mm	B 70FH 2840	----	----	----	----	----
			B 70FH 2841	----	----	----	----	----
Wide backplate		Bath 78 mm	B 70FH 7742	----	----	----	----	----
Special oblong plate		Bath 78 mm	B 70FH 4441	----	----	----	----	----

PC = profile cylinder

Items with other features must be ordered under item number B 7099 9999 with precise details according to the following check list:





Lever set

Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Rosette		PC	B 70 F I 5141	----	----	----	----	----
Short plate square Short plate rounded		PC 72	B 70 F I 0140	----	----	----	----	----
			B 70 F I 0141	----	----	----	----	----
Oblong plate, square Oblong plate, rounded		PC 72	B 70 F I 2140	----	----	----	----	----
			B 70 F I 2141	----	----	----	----	----
Wide backplate		PC 72	B 70 F I 7242	----	----	----	----	----
Special oblong plate		PC 72	B 70 F I 4141	----	----	----	----	----



Entrance set

Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Rosette	Round knob	PC	B 70FL 5141	----	----	----	----	----
Short plate square Short plate rounded	Round knob	PC 72	B 70FL 0140	----	----	----	----	----
			B 70FL 0141	----	----	----	----	----
Oblong plate, square Oblong plate, rounded	Round knob	PC 72	B 70FL 2140	----	----	----	----	----
			B 70FL 2141	----	----	----	----	----
Wide backplate	Round knob	PC 72	B 70FL 7242	----	----	----	----	----
Special oblong plate	Round knob	PC 72	B 70FL 4141	----	----	----	----	----



Turn handle

Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Rosette		w/o PC rosette	B 70FR 5941	----	----	----	----	----
Short plate square Short plate rounded		without	B 70FR 0040	----	----	----	----	----
			B 70FR 0041	----	----	----	----	----
Oblong plate, square Oblong plate, rounded		without	B 70FR 2040	----	----	----	----	----
			B 70FR 2041	----	----	----	----	----



Dummy plate

Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Rosette		without	B 7000 5041	----	----	----	----	----
Short plate square Short plate rounded		without	B 7000 0040	----	----	----	----	----
			B 7000 0041	----	----	----	----	----
Short plate square Short plate rounded		PC 72	B 7000 0140	----	----	----	----	----
			B 7000 0141	----	----	----	----	----
Oblong plate, square Oblong plate, rounded		without	B 7000 2040	----	----	----	----	----
			B 7000 2041	----	----	----	----	----
Special oblong plate		without	B 7000 4041	----	----	----	----	----



Half set, inside

Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Rosette		PC	B 70FC 5141	----	----	----	----	----
Short plate square Short plate rounded		PC 72	B 70FC 0140	----	----	----	----	----
			B 70FC 0141	----	----	----	----	----
Oblong plate, square Oblong plate, rounded		PC 72	B 70FC 2140	----	----	----	----	----
			B 70FC 2141	----	----	----	----	----



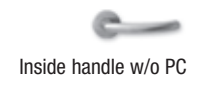
Half set outside

Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Rosette		PC	B 70FF 5141	----	----	----	----	----
Short plate square Short plate rounded		PC 72	B 70FF 0140	----	----	----	----	----
			B 70FF 0141	----	----	----	----	----
Oblong plate, square Oblong plate, rounded		PC 72	B 70FF 2140	----	----	----	----	----
			B 70FF 2141	----	----	----	----	----



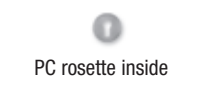
Knob backplate, outside

Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Rosette	Round knob	PC	B 7001 5141	----	----	----	----	----
Short plate square Short plate rounded	Round knob	PC 72	B 7001 0140	----	----	----	----	----
			B 7001 0141	----	----	----	----	----
Oblong plate, square Oblong plate, rounded	Round knob	PC 72	B 7001 2140	----	----	----	----	----
			B 7001 2141	----	----	----	----	----



Inside handle w/o PC

Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Rosette		w/o PC rosette	B 70FC 5941	----	----	----	----	----



PC rosette inside

Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Rosette		PC	B 7098 5141	----	----	----	----	----



Outside handle w/o PC

Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Rosette		w/o PC rosette	B 70FF 5941	----	----	----	----	----



PC rosette outside

Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Rosette		PC	B 7097 5141	----	----	----	----	----



Knob

Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Rosette	Round knob	w/o PC rosette	B 7001 5841	----	----	----	----	----

PC = profile cylinder

Security fittings ES3



Lever set

Type of set	Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Lever set 8 mm spindle	Oblong plate, rounded		CC 72	B 7300 FG41	----	----	----	----	----
Lever set 9 mm spindle	Oblong plate, rounded		CC 72	B 7300 FH41	----	----	----	----	----



Entrance set

Type of set	Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Entrance set 8 mm spindle	Oblong plate, rounded	Round knob	CC 72	B 7300 FD41	----	----	----	----	----
Entrance set 9 mm spindle	Oblong plate, rounded	Round knob	CC 72	B 7300 FE41	----	----	----	----	----



Entrance set

Type of set	Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Entrance set 8 mm spindle	Oblong plate, rounded	Round knob cranked	CC 72	B 7300 FA41	----	----	----	----	----
Entrance set 9 mm spindle	Oblong plate, rounded	Round knob cranked	CC 72	B 7300 FB41	----	----	----	----	----



Fire protection fittings ES3



Lever set

Type of set	Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Lever set 9 mm spindle	Oblong plate, rounded		CC 72	B 7300 F I41	----	----	----	----	----



Entrance set

Type of set	Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Entrance set 9 mm spindle	Oblong plate, rounded	Round knob	CC 72	B 7300 FF41	----	----	----	----	----

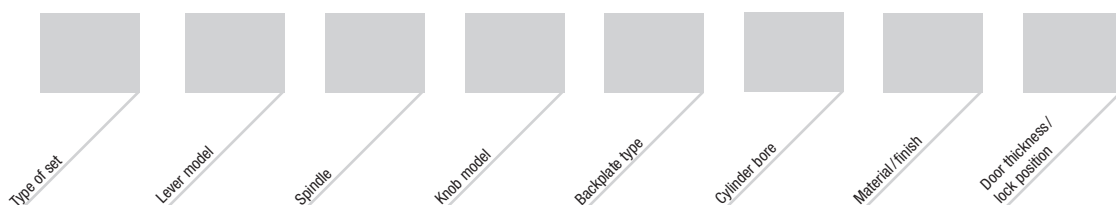


Entrance set

Type of set	Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Entrance set 9 mm spindle	Oblong plate, rounded	Round knob cranked	CC 72	B 7300 FC41	----	----	----	----	----

CC = cylinder cover

Items with other features must be ordered under item number B 7099 9999 with precise details according to the following check list:

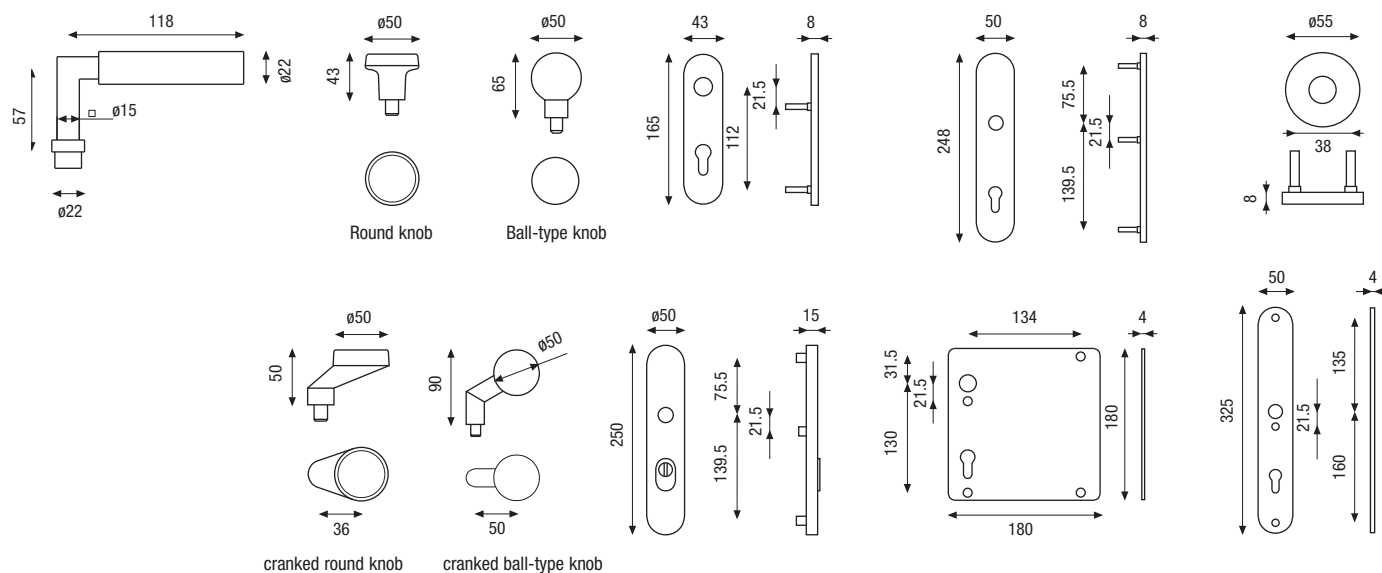




Knob types

Backplate types

Dimensioned drawings



Product information

- Lever handles available with 8 mm and 9 mm spindle; fixed backplate with friction washer (BKS differential bearing).
- The cranked door knob variants are non-handed.
- Clip-on backplates.
- The mounting accessories are included in the items supplied (contract sets for door thickness 37 – 42 mm).
- Approved for use according to EN 1906.



Lever set
8 mm spindle

Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Rosette		PC	B 70AG 5141	----	----	----	----	----
Short plate square Short plate rounded		PC 72	B 70AG 0140	----	----	----	----	----
			B 70AG 0141	----	----	----	----	----
Oblong plate, square Oblong plate, rounded		PC 72	B 70AG 2140	----	----	----	----	----
			B 70AG 2141	----	----	----	----	----
Wide backplate		PC 72	B 70AG 7242	----	----	----	----	----
Special oblong plate		PC 72	B 70AG 4141	----	----	----	----	----



Lever set
9 mm spindle

Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Rosette		PC	B 70AH 5141	----	----	----	----	----
Short plate square Short plate rounded		PC 72	B 70AH 0140	----	----	----	----	----
			B 70AH 0141	----	----	----	----	----
Oblong plate, square Oblong plate, rounded		PC 72	B 70AH 2140	----	----	----	----	----
			B 70AH 2141	----	----	----	----	----
Wide backplate		PC 72	B 70AH 7242	----	----	----	----	----
Special oblong plate		PC 72	B 70AH 4141	----	----	----	----	----



Entrance set
8 mm spindle

Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Rosette	Round knob	PC	B 70AJ 5141	----	----	----	----	----
Short plate square Short plate rounded	Round knob	PC 72	B 70AJ 0140	----	----	----	----	----
			B 70AJ 0141	----	----	----	----	----
Oblong plate, square Oblong plate, rounded	Round knob	PC 72	B 70AJ 2140	----	----	----	----	----
			B 70AJ 2141	----	----	----	----	----
Wide backplate	Round knob	PC 72	B 70AJ 7242	----	----	----	----	----
Special oblong plate	Round knob	PC 72	B 70AJ 4141	----	----	----	----	----



Entrance set
9 mm spindle

Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Rosette	Round knob	PC	B 70AK 5141	----	----	----	----	----
Short plate square Short plate rounded	Round knob	PC 72	B 70AK 0140	----	----	----	----	----
			B 70AK 0141	----	----	----	----	----
Oblong plate, square Oblong plate, rounded	Round knob	PC 72	B 70AK 2140	----	----	----	----	----
			B 70AK 2141	----	----	----	----	----
Wide backplate	Round knob	PC 72	B 70AK 7242	----	----	----	----	----
Special oblong plate	Round knob	PC 72	B 70AK 4141	----	----	----	----	----



Bath set
8 mm spindle

Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Rosette		Bath	B 70AG 5441	----	----	----	----	----
Short plate square Short plate rounded		Bath 78 mm	B 70AG 0540	----	----	----	----	----
			B 70AG 0541	----	----	----	----	----
Oblong plate, square Oblong plate, rounded		Bath 78 mm	B 70AG 2840	----	----	----	----	----
			B 70AG 2841	----	----	----	----	----
Wide backplate		Bath 78 mm	B 70AG 7742	----	----	----	----	----
Special oblong plate		Bath 78 mm	B 70AG 4441	----	----	----	----	----

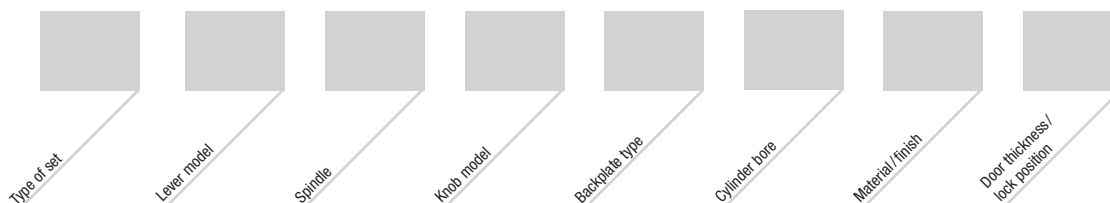


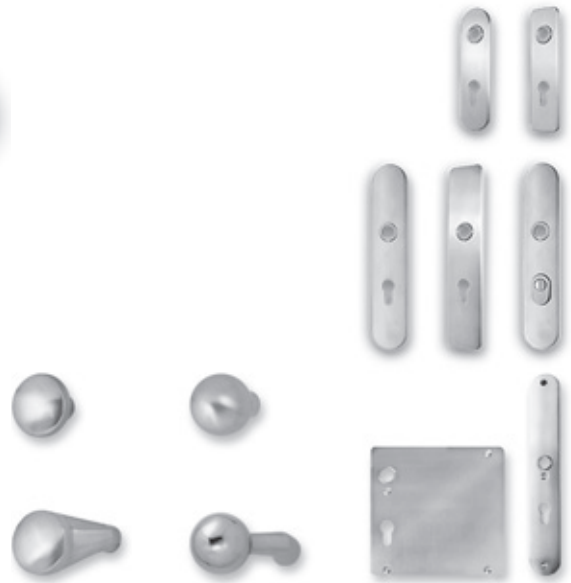
Bath set
9 mm spindle

Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Rosette		Bath	B 70AH 5441	----	----	----	----	----
Short plate square Short plate rounded		Bath 78 mm	B 70AH 0540	----	----	----	----	----
			B 70AH 0541	----	----	----	----	----
Oblong plate, square Oblong plate, rounded		Bath 78 mm	B 70AH 2840	----	----	----	----	----
			B 70AH 2841	----	----	----	----	----
Wide backplate		Bath 78 mm	B 70AH 7742	----	----	----	----	----
Special oblong plate		Bath 78 mm	B 70AH 4441	----	----	----	----	----

PC = profile cylinder

Items with other features must be ordered under item number B 7099 9999 with precise details according to the following check list:

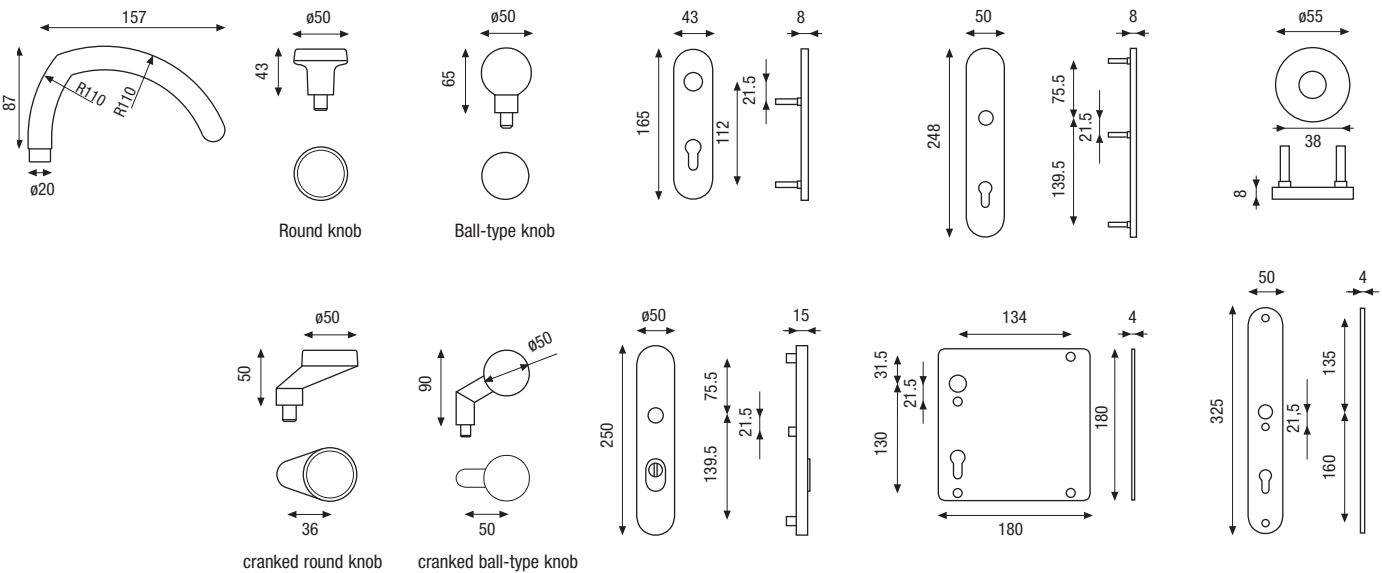




Knob types

Backplate types

Dimensioned drawings



Product information

- Lever handles available with 8 mm and 9 mm spindle; fixed backplate with friction washer (BKS differential bearing).
- The cranked door knob variants are non-handed.
- Clip-on backplates.
- Security fittings as lever set or entrance set to DIN 18257 – ES3
- The cylinder cover is suitable for a cylinder protrusion of 12 to 19 mm.
- The vertical lever variant is provided with a detent mechanism to ensure a precise vertical position.
- All material versions approved for use on fire and smoke control doors to DIN 18273 and EN 1906, and for use on escape doors to EN 179.
- The mounting accessories are included in the items supplied (contract sets for door thickness 37 – 42 mm, fire-rated sets for door thickness 42 – 52 mm).
- For use on escape doors with a divided follower it is necessary to specify the lock position in addition to the door thickness (refer to page 60).



Lever set
8 mm spindle

Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Rosette		PC	B 70EG 5141	----	----	----	----	----
Short plate square		PC 72	B 70EG 0140	----	----	----	----	----
Short plate rounded			B 70EG 0141	----	----	----	----	----
Oblong plate, square		PC 72	B 70EG 2140	----	----	----	----	----
Oblong plate, rounded			B 70EG 2141	----	----	----	----	----
Wide backplate		PC 72	B 70EG 7242	----	----	----	----	----
Special oblong plate		PC 72	B 70EG 4141	----	----	----	----	----



Lever set
9 mm spindle

Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Rosette		PC	B 70EH 5141	----	----	----	----	----
Short plate square		PC 72	B 70EH 0140	----	----	----	----	----
Short plate rounded			B 70EH 0141	----	----	----	----	----
Oblong plate, square		PC 72	B 70EH 2140	----	----	----	----	----
Oblong plate, rounded			B 70EH 2141	----	----	----	----	----
Wide backplate		PC 72	B 70EH 7242	----	----	----	----	----
Special oblong plate		PC 72	B 70EH 4141	----	----	----	----	----



Entrance set
8 mm spindle

Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Rosette	Round knob	PC	B 70EJ 5141	----	----	----	----	----
Short plate square	Round knob	PC 72	B 70EJ 0140	----	----	----	----	----
Short plate rounded			B 70EJ 0141	----	----	----	----	----
Oblong plate, square	Round knob	PC 72	B 70EJ 2140	----	----	----	----	----
Oblong plate, rounded			B 70EJ 2141	----	----	----	----	----
Wide backplate	Round knob	PC 72	B 70EJ 7242	----	----	----	----	----
Special oblong plate	Round knob	PC 72	B 70EJ 4141	----	----	----	----	----



Entrance set
9 mm spindle

Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Rosette	Round knob	PC	B 70EK 5141	----	----	----	----	----
Short plate square	Round knob	PC 72	B 70EK 0140	----	----	----	----	----
Short plate rounded			B 70EK 0141	----	----	----	----	----
Oblong plate, square	Round knob	PC 72	B 70EK 2140	----	----	----	----	----
Oblong plate, rounded			B 70EK 2141	----	----	----	----	----
Wide backplate	Round knob	PC 72	B 70EK 7242	----	----	----	----	----
Special oblong plate	Round knob	PC 72	B 70EK 4141	----	----	----	----	----



Bath set
8 mm spindle

Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Rosette		Bath	B 70EG 5441	----	----	----	----	----
Short plate square		Bath 78 mm	B 70EG 0540	----	----	----	----	----
Short plate rounded			B 70EG 0541	----	----	----	----	----
Oblong plate, square		Bath 78 mm	B 70EG 2840	----	----	----	----	----
Oblong plate, rounded			B 70EG 2841	----	----	----	----	----
Wide backplate		Bath 78 mm	B 70EG 7742	----	----	----	----	----
Special oblong plate		Bath 78 mm	B 70EG 4441	----	----	----	----	----

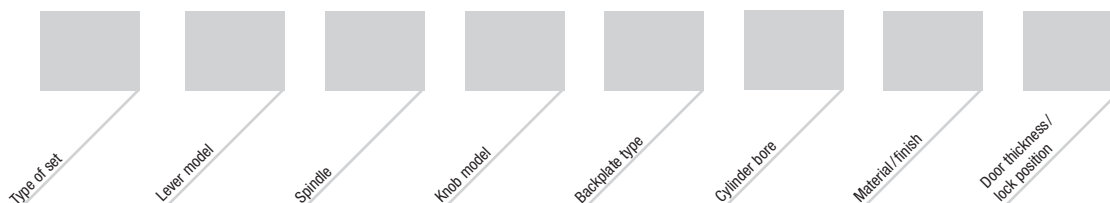


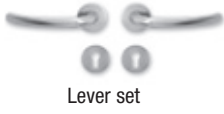
Bath set
9 mm spindle

Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Rosette		Bath	B 70EH 5441	----	----	----	----	----
Short plate square		Bath 78 mm	B 70EH 0540	----	----	----	----	----
Short plate rounded			B 70EH 0541	----	----	----	----	----
Oblong plate, square		Bath 78 mm	B 70EH 2840	----	----	----	----	----
Oblong plate, rounded			B 70EH 2841	----	----	----	----	----
Wide backplate		Bath 78 mm	B 70EH 7742	----	----	----	----	----
Special oblong plate		Bath 78 mm	B 70EH 4441	----	----	----	----	----

PC = profile cylinder

Items with other features must be ordered under item number B 7099 9999 with precise details according to the following check list:





Lever set

Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Rosette		PC	B 70 E I 5141	----	----	----	----	----
Short plate square Short plate rounded		PC 72	B 70 E I 0140	----	----	----	----	----
			B 70 E I 0141	----	----	----	----	----
Oblong plate, square Oblong plate, rounded		PC 72	B 70 E I 2140	----	----	----	----	----
			B 70 E I 2141	----	----	----	----	----
Wide backplate		PC 72	B 70 E I 7242	----	----	----	----	----
Special oblong plate		PC 72	B 70 E I 4141	----	----	----	----	----



Entrance set

Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Rosette	Round knob	PC	B 70EL 5141	----	----	----	----	----
Short plate square Short plate rounded	Round knob	PC 72	B 70EL 0140	----	----	----	----	----
			B 70EL 0141	----	----	----	----	----
Oblong plate, square Oblong plate, rounded	Round knob	PC 72	B 70EL 2140	----	----	----	----	----
			B 70EL 2141	----	----	----	----	----
Wide backplate	Round knob	PC 72	B 70EL 7242	----	----	----	----	----
Special oblong plate	Round knob	PC 72	B 70EL 4141	----	----	----	----	----



Turn handle

Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Rosette		w/o PC rosette	B 70ER 5941	----	----	----	----	----
Short plate square Short plate rounded		without	B 70ER 0040	----	----	----	----	----
			B 70ER 0041	----	----	----	----	----
Oblong plate, square Oblong plate, rounded		without	B 70ER 2040	----	----	----	----	----
			B 70ER 2041	----	----	----	----	----



Dummy plate

Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Rosette		without	B 7000 5041	----	----	----	----	----
Short plate square Short plate rounded		without	B 7000 0040	----	----	----	----	----
			B 7000 0041	----	----	----	----	----
Short plate square Short plate rounded		PC 72	B 7000 0140	----	----	----	----	----
			B 7000 0141	----	----	----	----	----
Oblong plate, square Oblong plate, rounded		without	B 7000 2040	----	----	----	----	----
			B 7000 2041	----	----	----	----	----
Special oblong plate		without	B 7000 4041	----	----	----	----	----



Half set, inside

Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Rosette		PC	B 70EC 5141	----	----	----	----	----
Short plate square Short plate rounded		PC 72	B 70EC 0140	----	----	----	----	----
			B 70EC 0141	----	----	----	----	----
Oblong plate, square Oblong plate, rounded		PC 72	B 70EC 2140	----	----	----	----	----
			B 70EC 2141	----	----	----	----	----



Half set outside

Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Rosette		PC	B 70EH 5141	----	----	----	----	----
Short plate square Short plate rounded		PC 72	B 70EG 0140	----	----	----	----	----
			B 70EG 0141	----	----	----	----	----
Oblong plate, square Oblong plate, rounded		PC 72	B 70EH 2140	----	----	----	----	----
			B 70EH 2141	----	----	----	----	----



Knob backplate, outside

Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Rosette	Round knob	PC	B 7001 5141	----	----	----	----	----
Short plate square Short plate rounded	Round knob	PC 72	B 7001 0140	----	----	----	----	----
			B 7001 0141	----	----	----	----	----
Oblong plate, square Oblong plate, rounded	Round knob	PC 72	B 7001 2140	----	----	----	----	----
			B 7001 2141	----	----	----	----	----



Inside handle w/o PC

Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Rosette		w/o PC rosette	B 70EC 5941	----	----	----	----	----



PC rosette inside

Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Rosette		PC	B 7098 5141	----	----	----	----	----



Outside handle w/o PC

Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Rosette		w/o PC rosette	B 70EH 5941	----	----	----	----	----



PC rosette outside

Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Rosette		PC	B 7097 5141	----	----	----	----	----



Knob

Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Rosette	Round knob	w/o PC rosette	B 7001 5841	----	----	----	----	----

PC = profile cylinder

Security fittings ES3



Lever set

Type of set	Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Lever set 8 mm spindle	Oblong plate, rounded		CC 72	B 7300 EG41	----	----	----	----	----
Lever set 9 mm spindle	Oblong plate, rounded		CC 72	B 7300 EH41	----	----	----	----	----



Entrance set

Type of set	Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Entrance set 8 mm spindle	Oblong plate, rounded	Round knob	CC 72	B 7300 ED41	----	----	----	----	----
Entrance set 9 mm spindle	Oblong plate, rounded	Round knob	CC 72	B 7300 EE41	----	----	----	----	----



Entrance set

Type of set	Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Entrance set 8 mm spindle	Oblong plate, rounded	Round knob cranked	CC 72	B 7300 EA41	----	----	----	----	----
Entrance set 9 mm spindle	Oblong plate, rounded	Round knob cranked	CC 72	B 7300 EB41	----	----	----	----	----



Fire protection fittings ES3



Lever set

Type of set	Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Lever set 9 mm spindle	Oblong plate, rounded		CC 72	B 7300 EI41	----	----	----	----	----



Entrance set

Type of set	Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Entrance set 9 mm spindle	Oblong plate, rounded	Round knob	CC 72	B 7300 EF41	----	----	----	----	----

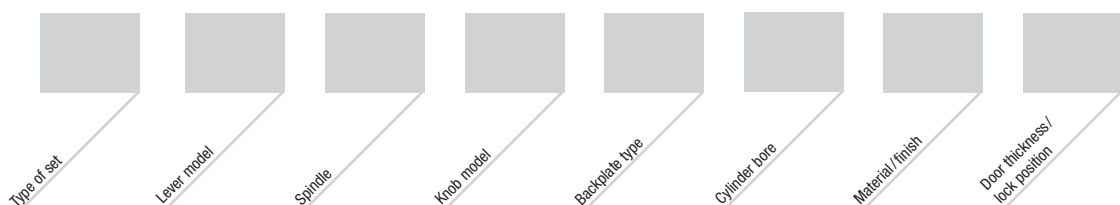


Entrance set

Type of set	Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
Entrance set 9 mm spindle	Oblong plate, rounded	Round knob cranked	CC 72	B 7300 EC41	----	----	----	----	----

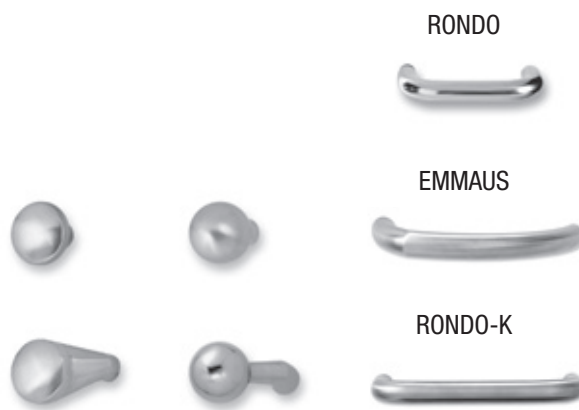
CC = cylinder cover

Items with other features must be ordered under item number B 7099 9999 with precise details according to the following check list:





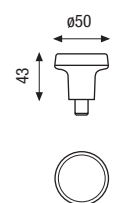
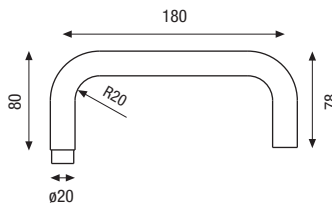
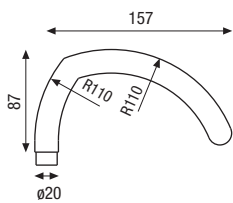
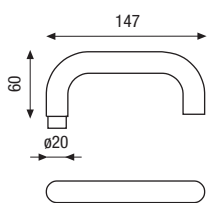
F
Fire protection



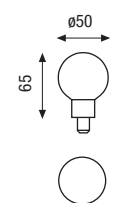
Knob types

Lever models

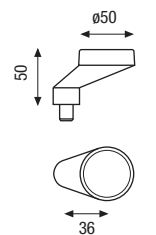
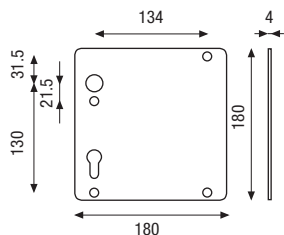
Dimensioned drawings



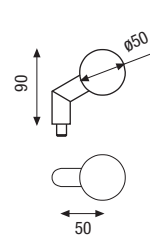
Round knob



Ball-type knob



cranked round knob



cranked ball-type knob

Product information

- Lever handles available with 8 mm and 9 mm spindle; fixed backplate with friction washer (BKS differential bearing).
- Listed items with 8 mm or 9 mm (fire-rated) spindle as a standard.
- Stainless steel version approved for use on fire and smoke control doors to DIN 18273 and EN 1906.
- Mounting accessories must be ordered separately (from page 58).

Lever model RONDO



Lever set

Type of set	Backplate type	Knob model	Cylinder bore	Stainl. steel matt	
Lever set 8 mm spindle	Wide backplate		PC 72	B 7050 7242	----
Lever set 9 mm fire-rated spindle	Wide backplate		PC 72	B 7053 7242	----



Entrance set

Type of set	Backplate type	Knob model	Cylinder bore	Stainl. steel matt	
Entrance set 8 mm spindle	Wide backplate	Round knob	PC 72	B 7073 7242 pointing right	B 7073 7342 pointing left
Entrance set 9 mm fire-rated spindle	Wide backplate	Round knob	PC 72	B 7076 7242 pointing right	B 7076 7342 pointing left



Bath set

Type of set	Backplate type	Knob model	Cylinder bore	Stainl. steel matt	
Bath set	Wide backplate		Bath 78 mm	B 7050 7642 pointing right	B 7050 7742 pointing left

Lever model EMMAUS



Lever set

Type of set	Backplate type	Knob model	Cylinder bore	Stainl. steel matt	
Lever set 8 mm spindle	Wide backplate		PC 72	B 70EG 7242	----
Lever set 9 mm fire-rated spindle	Wide backplate		PC 72	B 70EI 7242	----



Entrance set

Type of set	Backplate type	Knob model	Cylinder bore	Stainl. steel matt	
Entrance set 8 mm spindle	Wide backplate	Round knob	PC 72	B 70EJ 7242 pointing right	B 70EJ 7342 pointing left
Entrance set 9 mm fire-rated spindle	Wide backplate	Round knob	PC 72	B 70EL 7242 pointing right	B 70EL 7342 pointing left



Bath set

Type of set	Backplate type	Knob model	Cylinder bore	Stainl. steel matt	
Bath set	Wide backplate		Bath 78 mm	B 70EG 7642 pointing right	B 70EG 7742 pointing left

Lever model RONDO-K



Lever set

Type of set	Backplate type	Knob model	Cylinder bore	Stainl. steel matt	
Lever set 8 mm spindle	Wide backplate		PC 72	B 70KG 7242	----
Lever set 9 mm fire-rated spindle	Wide backplate		PC 72	B 70KI 7242	----



Entrance set

Type of set	Backplate type	Knob model	Cylinder bore	Stainl. steel matt	
Entrance set 8 mm spindle	Wide backplate	Round knob	PC 72	B 70KJ 7242 pointing right	B 70KJ 7342 pointing left
Entrance set 9 mm fire-rated spindle	Wide backplate	Round knob	PC 72	B 70KL 7242 pointing right	B 70KL 7342 pointing left

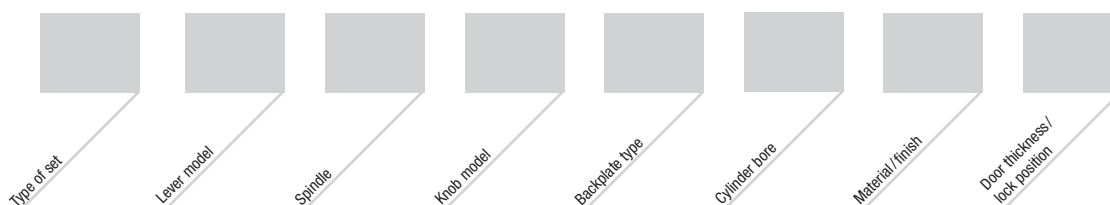


Bath set

Type of set	Backplate type	Knob model	Cylinder bore	Stainl. steel matt	
Bath set	Wide backplate		Bath 78 mm	B 70KG 7642 pointing right	B 70KG 7742 pointing left

PC = profile cylinder

Items with other features must be ordered under item number B 7099 9999 with precise details according to the following check list:

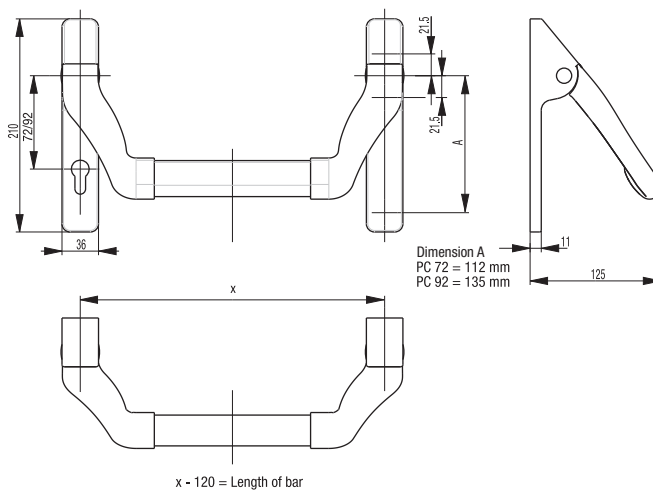




PVC



Dimensioned drawings

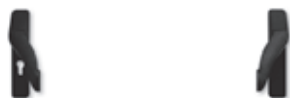


Product information

- BKS push bar for the use on smoke protection, fire protection and escape doors to DIN 18273 + DIN 4102 + EN 1634, with integrated gear; 9 mm spindle. Approval to EN 1125 only in combination with approved BKS locks. With retaining spring; suitable for medium-weight active and passive door leaves up to 200 kg.
- Cylinder bore: PC 72 mm, PC 92 mm (PC = profile cylinder), or without cylinder bore.
- Non-handed (DIN rh and lh usable)
- Finish:
 - casing + lever arm of PVC, black matt; cross bar of aluminium F1
- With mounting accessories for assembly with BKS short backplates (PC 72 mm) or BKS oblong backplates (PC 92 mm).
- The cross bar must be ordered separately (refer to door widths on page 33).



Push bar to EN 1125



Type of set	Cylinder bore	PVC black, cross bar aluminium F1
Active leaf without cross bar	PC 72	B 7172 4100
	PC 92	B 7192 4100



Type of set	Cylinder bore	PVC black, cross bar aluminium F1
Passive leaf without Cross bar	dummy	B 7100 4100



Type of set	Cross bar length	Max. door width	Aluminium F1
Cross bar	710 mm	810 mm	B 7100 4200
	785 mm	885 mm	B 7100 4207
	835 mm	935 mm	B 7100 4201
	960 mm	1060 mm	B 7100 4202
	1150 mm	1250 mm	B 7100 4203
	1500 mm	1600 mm	B 7100 4206

PC = profile cylinder

1 Stainless steel



Aluminium



2

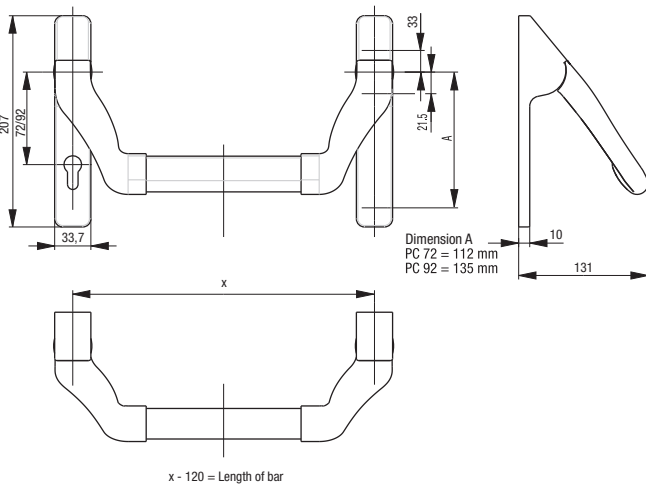


1

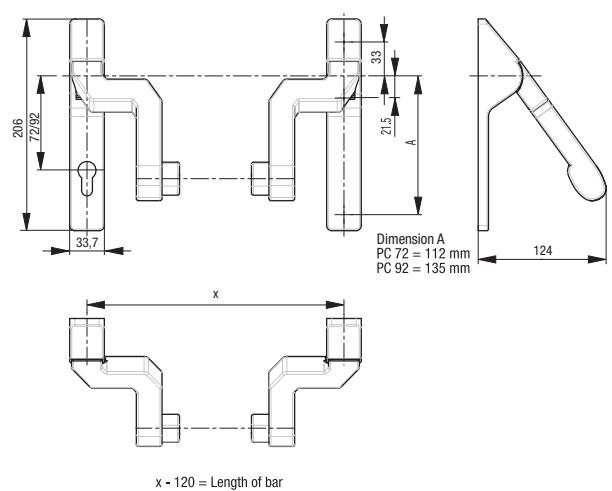


Dimensioned drawings

1



2



Product information

- BKS push bar for the use on smoke protection, fire protection and escape doors to DIN 18273 + DIN 4102 + EN 1634, with integrated stainless steel gear; 9 mm spindle. Approval to EN 1125 only in combination with approved BKS locks. With retaining spring; suitable for heavy-weight active and passive door leaves up to 300 kg.
- Cylinder bore: PC 72 mm, PC 92 mm (PC = profile cylinder), or without cylinder bore.
- Non-handed (DIN rh and lh usable)
- Finish:
 - Aluminium, F1
 - Stainless steel, matt brushed
- With mounting accessories, intended for assembly with BKS short backplates (PC 72 mm) or BKS narrow stile long backplates (PC 92 mm).
- The cross bar must be ordered separately (refer to door widths on page 35).
- Stainless steel V4A version on request.



Push bar to EN 1125



Type of set	Cylinder bore	Stainl. steel matt	Aluminium F1
Active leaf without cross bar	PC 92	B 7192 5141	B 7192 5101
	PC 72	B 7172 5141	B 7172 5101



Type of set	Cylinder bore	Stainl. steel matt	Aluminium F1
Passive leaf without Cross bar	dummy	B 7100 5141	B 7100 5101



Type of set	Cylinder bore	Stainl. steel matt
Active leaf without cross bar	PC 72	B 7172 7141
	PC 92	B 7192 7141



Type of set	Cylinder bore	Stainl. steel matt
Passive leaf without Cross bar	dummy	B 7100 7141

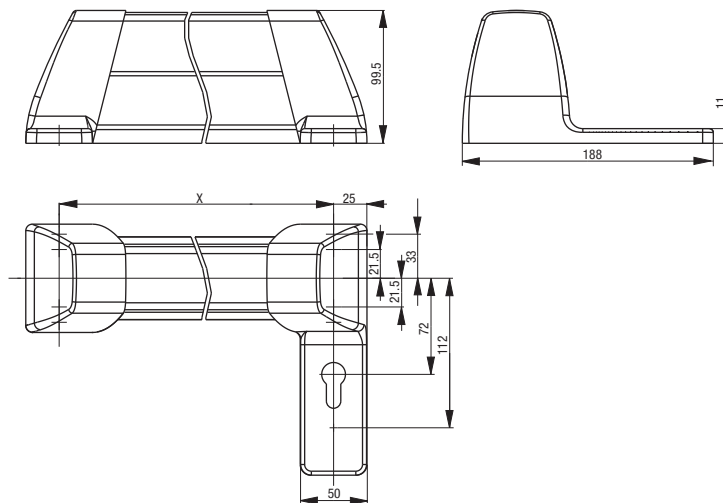


Type of set	Cross bar length	Max. door width	Stainl. steel matt	Aluminium F1
Cross bar	710 mm	810 mm	B 7100 4210	B 7100 4270
	785 mm	885 mm	B 7100 4211	B 7100 4271
	835 mm	935 mm	B 7100 4212	B 7100 4272
	960 mm	1060 mm	B 7100 4213	B 7100 4273
	1150 mm	1250 mm	B 7100 4204	B 7100 4274
	1500 mm	1600 mm	B 7100 4205	B 7100 4275

PC = profile cylinder



Dimensioned drawings



Product information

- BKS touch bar for the use on smoke control, fire control and escape doors to DIN 18273 + DIN 4102 + EN 1634, with integrated gear; 9 mm spindle. Approval to EN 1125 only in combination with approved BKS locks. With retaining spring; suitable for active and passive door leaves.
- Cylinder bore: PC 72 mm, (PC = profile cylinder), or without cylinder bore.
- Non-handed (DIN rh/lh usable)
- Finish:
 - Aluminium, F1
 - Stainless steel (end cap stainless steel appearance)
- Including mounting accessories

Touch bar to EN 1125



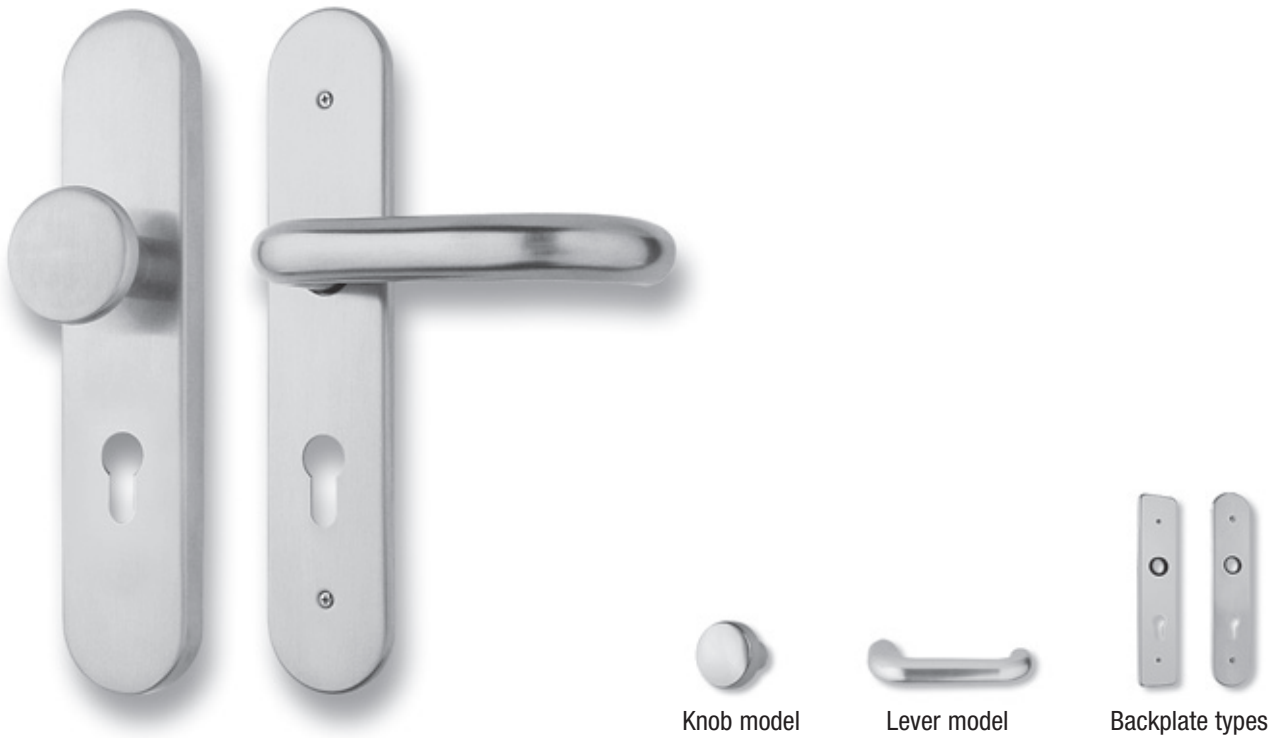
Type of set	Cylinder bore	Dimension	Stainless steel	Aluminium F1
Active leaf DIN left	PZ 72	808 mm	B 7150 3000	B 7150 1000
		1158 mm	B 7150 3001	B 7150 1001
		1458 mm	B 7150 3002	B 7150 1002
Active leaf DIN right	PZ 72	808 mm	B 7150 3050	B 7150 1050
		1158 mm	B 7150 3051	B 7150 1051
		1458 mm	B 7150 3052	B 7150 1052
Active leaf DIN left	CH-RZ 74	808 mm	B 7150 3020	B 7150 1020
		1158 mm	B 7150 3021	B 7150 1021
		1458 mm	B 7150 3022	B 7150 1022
Active leaf DIN right	CH-RZ 74	808 mm	B 7150 3070	B 7150 1070
		1158 mm	B 7150 3071	B 7150 1071
		1458 mm	B 7150 3072	B 7150 1072



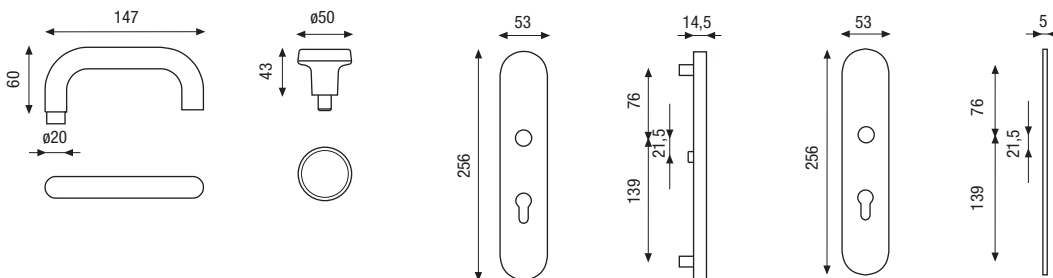
Type of set	Cylinder bore	Dimension	Stainless steel	Aluminium F1
Passive leaf DIN left	dummy	808 mm	B 7150 3100	B 7150 1100
		1158 mm	B 7150 3101	B 7150 1101
		1458 mm	B 7150 3102	B 7150 1102
Passive leaf DIN right	dummy	808 mm	B 7150 3150	B 7150 1150
		1158 mm	B 7150 3151	B 7150 1151
		1458 mm	B 7150 3152	B 7150 1152

PC = profile cylinder

CH-RC = Swiss round cylinder



Dimensioned drawings



Product information

- Lever handles available with 8 mm and 10 mm spindle; fixed backplate with friction washer.
- Security fittings as lever set or entrance set – ES0.
- Approved for use according to EN 1906.
- Mounting accessories are included in the items supplied: 8 mm spindle for door thicknesses of 38 – 45 mm
10 mm spindle for door thicknesses of 54 – 69 mm

RONDO – Security fittings ESO



Lever set

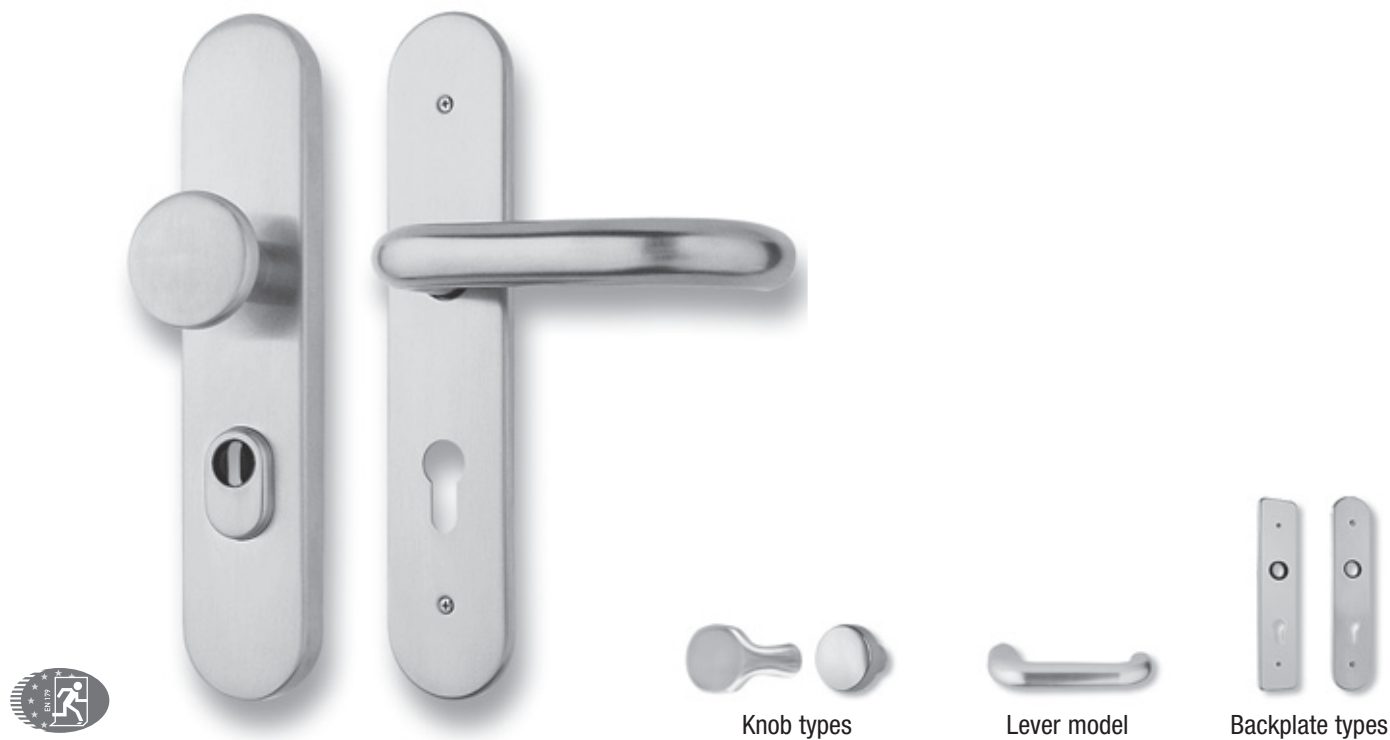
Type of set	Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5
Lever set 8 mm spindle	Oblong plate, rounded		PC 72	----	----	B 7340 8501	----	----
Lever set 10 mm spindle	Oblong plate, rounded		PC 92	----	----	B 7341 8901	----	----



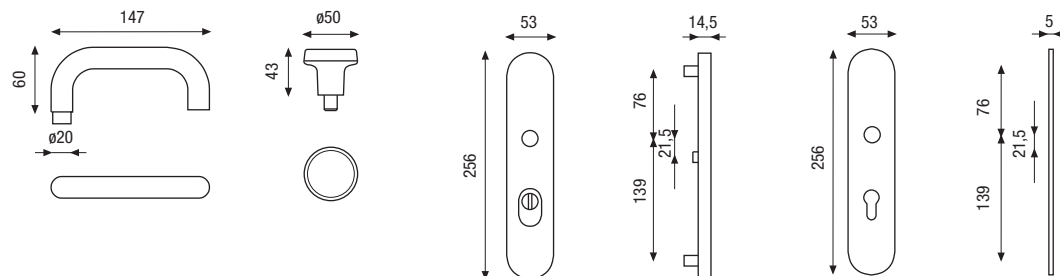
Entrance set

Type of set	Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5
Entrance set 8 mm spindle	Oblong plate, rounded	Round knob	PC 72	----	----	B 7340 8001	----	----
Entrance set 10 mm spindle	Oblong plate, rounded	Round knob	PC 92	----	----	B 7341 8401	----	----

PC = profile cylinder



Dimensioned drawings



Product information

- Lever handles available with 8 mm and 10 mm spindle; fixed backplate with friction washer.
- Security fittings as lever set or entrance set to DIN 18257 – ES1 + ES2.
- Square backplate type only available for aluminium set
- The cylinder cover is suitable for a cylinder protrusion of 10 to 15 mm.
- Approved for use according to EN 1906.
- Mounting accessories are included in the items supplied:
 - 8 mm spindle for door thicknesses of 38 – 45 mm
 - 10 mm spindle for door thicknesses of 54 – 69 mm

RONDO – Security fittings ES1



Entrance set

Type of set	Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5
Entrance set 8 mm spindle	Oblong plate, rounded	Round knob	PC 72	B 7325 8041	----	B 7325 8001	----	----
Entrance set 8 mm spindle	Oblong plate, rounded	Round knob	CC 72	B 7320 8041	----	B 7320 8001	----	----
Entrance set 10 mm spindle	Oblong plate, rounded	Round knob	PC 92	B 7326 8441	----	B 7326 8401	----	----
Entrance set 10 mm spindle	Oblong plate, rounded	Round knob	CC 92	B 7321 8441	----	B 7321 8401	----	----



Entrance set

Type of set	Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5
Entrance set 8 mm spindle	Oblong plate, rounded	round knob, cranked	CC 72	B 7320 8141	----	B 7320 8101	----	----

RONDO – Security fittings ES2



Entrance set

Type of set	Backplate type	Knob model	Cylinder bore	Stainl. steel matt	Brass PVD	Aluminium F1	Aluminium F2	Aluminium UC5
Entrance set 8 mm spindle	Oblong plate, rounded	Round knob	CC 72	B 7310 8041	----	B 7310 8001	----	----
Entrance set 10 mm spindle	Oblong plate, rounded	Round knob	CC 92	B 7311 8441	----	B 7311 8401	----	----

PC = profile cylinder CC = cylinder cover



Round knob

Backplate types

Dimensioned drawings



Product information

- Lever handles available with 8 mm spindle; fixed backplate with friction washer; with retaining spring.
- Clip-on backplates, suitable for repeated assembly.
- Mounting accessories for door thicknesses of 38 – 45 mm are included in the items supplied.
- Approved for use according to EN 1906.
- Matching window handles page 48.



Lever set

Backplate type	Knob model	Cylinder bore	Stainl. steel matt
Rosette		PC	B 7290 6050
		WV	B 7290 6051
Short plate rounded		PC 72	B 7290 6058
		WV 72	B 7290 6059
Short plate square		PC 72	B 7290 6066
		WV 72	B 7290 6067



Entrance set

Backplate type	Knob model	Cylinder bore	Stainl. steel matt
Rosette	Round knob	PC	B 7290 6053
Short plate rounded	Round knob	PC 72	B 7290 6061
Short plate square	Round knob	PC 72	B 7290 6069



Bath set

Backplate type	Knob model	Cylinder bore	Stainl. steel matt
Rosette		Bath	B 7290 6052
Short plate rounded		Bath 78 mm	B 7290 6060
Short plate square		Bath 78 mm	B 7290 6068

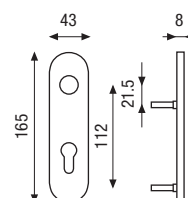
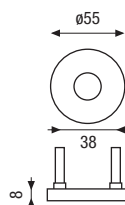
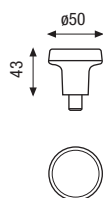
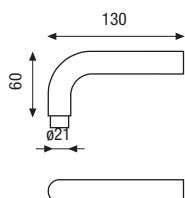
PC = profile cylinder WV = warded version



Round knob

Backplate types

Dimensioned drawings



Product information

- Lever handles available with 8 mm spindle; fixed backplate with friction washer; with retaining spring.
- Clip-on backplates, suitable for repeated assembly.
- Mounting accessories for door thicknesses of 38 – 45 mm are included in the items supplied.
- Approved for use according to EN 1906.
- Matching window handles page 48.



Lever set

Backplate type	Knob model	Cylinder bore	Stainl. steel matt
Rosette		PC	B 7290 6110
		WV	B 7290 6111
Short plate rounded		PC 72	B 7290 6118
		WV 72	B 7290 6119
Short plate square		PC 72	B 7290 6126
		WV 72	B 7290 6127



Entrance set

Backplate type	Knob model	Cylinder bore	Stainl. steel matt
Rosette	Round knob	PC	B 7290 6113
Short plate rounded	Round knob	PC 72	B 7290 6121
Short plate square	Round knob	PC 72	B 7290 6129



Bath set

Backplate type	Knob model	Cylinder bore	Stainl. steel matt
Rosette		Bath	B 7290 6112
Short plate rounded		Bath 78 mm	B 7290 6120
Short plate square		Bath 78 mm	B 7290 6128

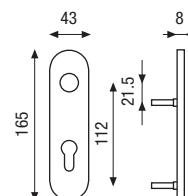
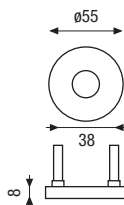
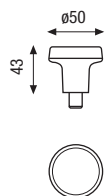
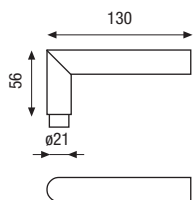
PC = profile cylinder WV = warded version



Round knob

Backplate types

Dimensioned drawings



Product information

- Lever handles available with 8 mm spindle; fixed backplate with friction washer; with retaining spring.
- Clip-on backplates, suitable for repeated assembly.
- Mounting accessories for door thicknesses of 38 – 45 mm are included in the items supplied.
- Approved for use according to EN 1906.
- Matching window handles page 48.



Lever set

Backplate type	Knob model	Cylinder bore	Stainl. steel matt
Rosette		PC	B 7290 6170
		WV	B 7290 6171
Short plate rounded		PC 72	B 7290 6178
		WV 72	B 7290 6179
Short plate square		PC 72	B 7290 6186
		WV 72	B 7290 6187



Entrance set

Backplate type	Knob model	Cylinder bore	Stainl. steel matt
Rosette	Round knob	PC	B 7290 6173
Short plate rounded	Round knob	PC 72	B 7290 6181
Short plate square	Round knob	PC 72	B 7290 6189



Bath set

Backplate type	Knob model	Cylinder bore	Stainl. steel matt
Rosette		Bath	B 7290 6172
Short plate rounded		Bath 78 mm	B 7290 6180
Short plate square		Bath 78 mm	B 7290 6188

PC = profile cylinder WV = warded version



FORTE



CRESCENDO



ANDANTE

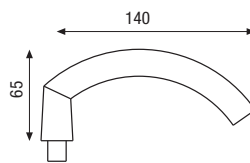
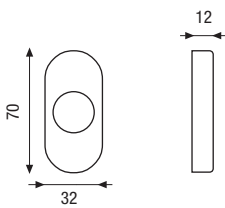
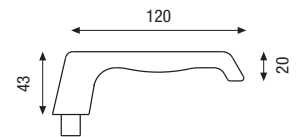
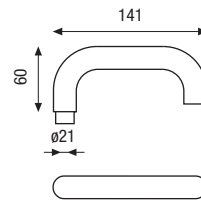
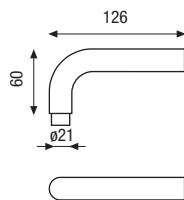
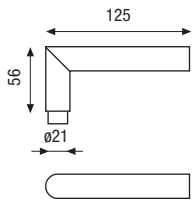


DIRIGENT



OFFICE

Dimensioned drawings



Product information

- Stainless steel window handles
- 90 degree detent
- 10 mm positioning plugs (adapter for 12 mm on request)
- 7 mm spindle protruding 30 mm
- Clip-on cover rosette, for repeated assembly



Forte

Rosette design	Stainl. steel matt
Rosette, oval	B 7290 6016



Crescendo

Rosette design	Stainl. steel matt
Rosette, oval	B 7290 6008



Andante

Rosette design	Stainl. steel matt
Rosette, oval	B 7290 6000



Dirigent

Rosette design	Stainl. steel matt
Rosette, oval	B 7290 6018



Office

Rosette design	Stainl. steel matt
Rosette, oval	B 7290 6019



Floor-mounted door stop I



Floor-mounted door stop II



Wall-mounted door stop



Ladies



Gentlemen

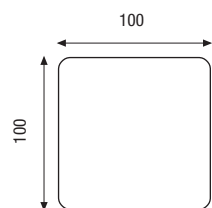
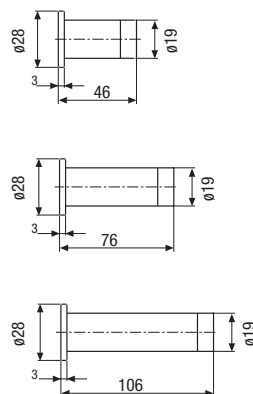
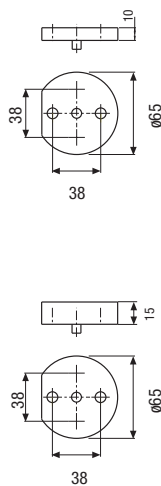
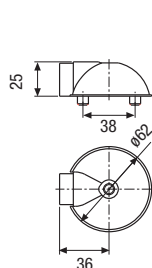
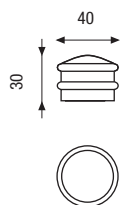


Handicapped



Directional arrow

Dimensioned drawings



Product information

Reference signs:

- Stainless steel
- Black print
- Adhesive strip on the back

Floor/wall-mounted door stops:

- Stainless steel
- With mounting accessories
- Spacer plates for type II as an option



Floor-mounted door stop I

Variant	Stainl. steel matt
40 x 30 mm	B 7122 0040



Floor-mounted door stop II

Variant	Stainl. steel matt
----	B 7122 0000



Spacer plate for floor-mounted door stop II

Variant	black
10 mm	B 7122 0001
15 mm	B 7122 0002



Wall-mounted door stop

Variant	Stainl. steel matt
19 mm x 46 mm	B 7122 0005
19 mm x 76 mm	B 7122 0006
19 mm x 106 mm	B 7122 0007



Ladies

Variant	Stainl. steel matt
Ladies	B 7121 1040



Gentlemen

Variant	Stainl. steel matt
Gentlemen	B 7121 2040



Handicapped

Variant	Stainl. steel matt
Handicapped	B 7121 4040



Directional arrow

Variant	Stainl. steel matt
Directional arrow	B 7121 3040

3934 large



3934 medium



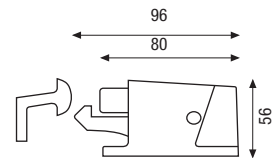
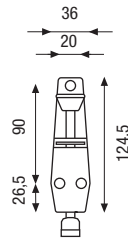
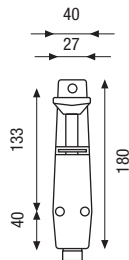
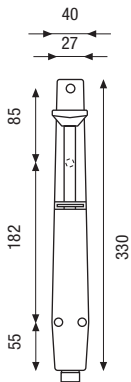
3933 small



6944



Dimensioned drawings



Product information

- Door holders 3934/3933 to be attached to the door leaf:
 - Type 3934 large with 100 mm travel
 - Type 3934 medium with 30 mm travel
 - Type 3933 small with 30 mm travel



Variant	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
3934 large	B 3934 0109	----	B 3934 0115	B 3934 0117



Variant	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
3934 medium	B 3934 0101	----	B 3934 0137	B 3934 0139



Variant	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
3933 small	B 3933 0101	----	B 3933 0137	B 3933 0139



Variant	Aluminium F1	Aluminium F2	Aluminium UC5	Aluminium white
6944	B 6944 0007	B 6944 0004	B 6944 0009	----

OFFICE



BAUHAUS



Lever models



Intrada



Office



Emmaus



Belcanto



Rondo



Bauhaus



Belcanto-P

Design recommendations



Knob types



Round, cranked



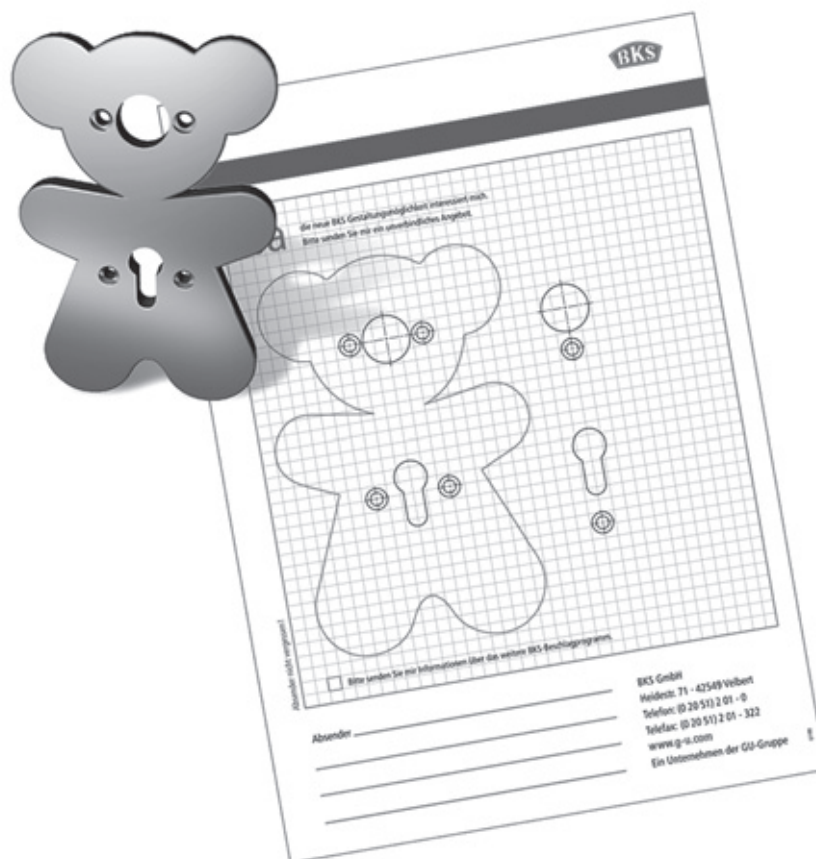
Ball-type, cranked



Round knob



Ball-type knob



The architects fitting range of BKS allows for the design of individual backplate forms.

Regardless of whether a company logo is to be formed or freely designed contours, the possibilities are almost endless.

The fittings are manufactured from stainless steel and naturally feature the proven BKS bearing technology.

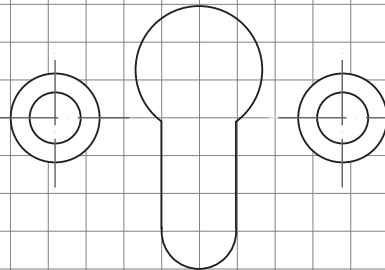
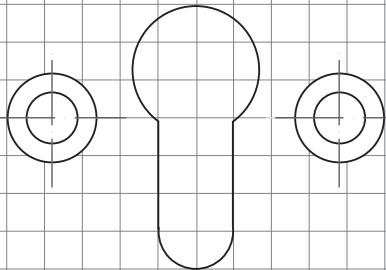
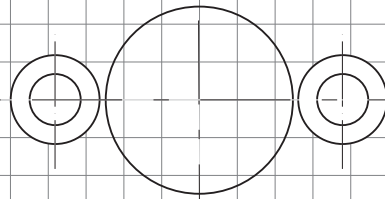
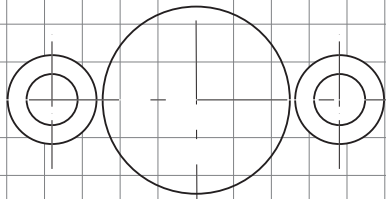
Use the fax reply form on page 56/57 to contact us directly or speak to one our field consultants.

Product information

- Lever handles available with 8, 9, 10 mm spindle; fixed backplate with friction washer (BKS differential bearing).
- The cranked door knob variants are non-handed.
- Backplates of 4 mm with individual contours.
- Stainless steel fixing elements, sets fastened with visible fixing screws.
- The mounting accessories are included in the items supplied.

Yes

I am interested in the new BKS design possibilities.
Please send me a non-obligatory offer.



Do not forget to indicate the return address!

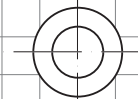
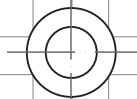
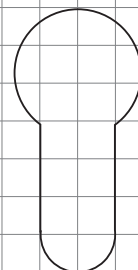
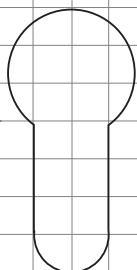
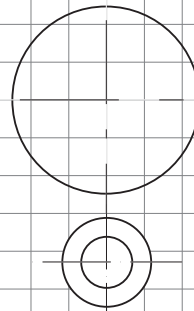
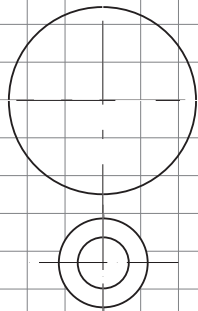
Please send us further information concerning the BKS fitting range.

Return address:

BKS GmbH
Heidestr. 71 · 42549 Velbert
Telephone: +49 - (0) 2051 201 - 0
Fax: +49 - (0) 2051 201 - 431
www.g-u.com

Yes

I am interested in the new BKS design possibilities.
Please send me a non-obligatory offer.



Please send us further information concerning the BKS fitting range.

Do not forget to indicate the return address!

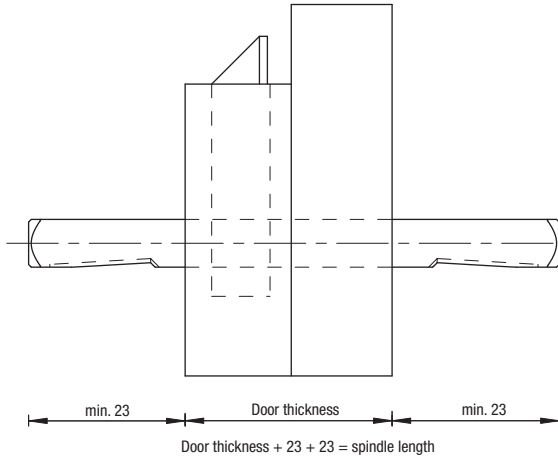
Return address:

BKS GmbH
Heidestr. 71 · 42549 Velbert
Telephone: +49 - (0) 2051 201 - 0
Fax: +49 - (0) 2051 201 - 431
www.g-u.com

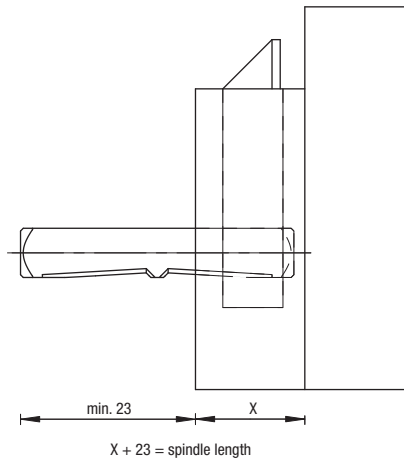
Spindles



Calculation of spindle length



Calculation of spindle length for single-sided screw attachment



Note: Spindles for panic bars require a deduction of 15 mm from the lengths specified below!

Spindle length L mm	Square spindle mm	Door thickness mm	Order number
100	8	37 – 52	B 7644 0800
115	8	52 – 67	B 7644 0801
130	8	67 – 82	B 7644 0802
145	8	82 – 97	B 7644 0803
50	9	--	B 7644 0908
65	9	--	B 7644 0907
70	9	--	B 7644 0909
80	9	17 – 27	B 7644 0905
90	9	27 – 37	B 7644 0906
100	9	37 – 52	B 7644 0900
115	9	52 – 67	B 7644 0901
130	9	67 – 82	B 7644 0902
145	9	82 – 97	B 7644 0903
160	9	97 – 112	B 7644 0904
100	10	37 – 52	B 7644 1000
115	10	52 – 67	B 7644 1001
130	10	67 – 82	B 7644 1002
145	10	82 – 97	B 7644 1003

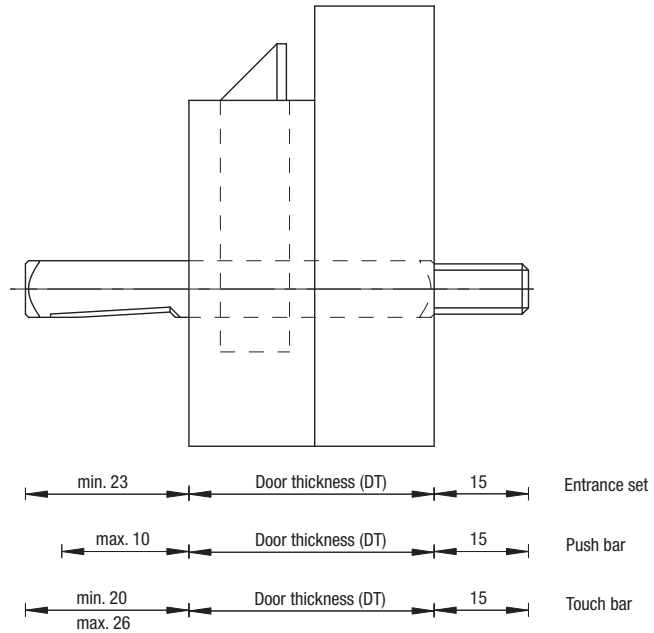
Specification clause

BKS spindle consisting of:
 8 / 8.5 / 9 / 10 mm square spindle with special spot-faced surfaces providing a non-loosening connection with the fittings.
 Dimension L:.....

Threaded spindles



Calculation of spindle length



Note: Threaded spindles for panic bars require a deduction of 15 mm from the lengths specified below!

Spindle length L mm	Square spindle mm	Door thickness mm	Order number
75	8	37 – 47	B 7630 0801
85	8	47 – 57	B 7630 0802
95	8	57 – 67	B 7630 0803
105	8	67 – 77	B 7630 0804
115	8	77 – 87	B 7630 0805
135	8	87 – 107	B 7630 0806
50	9	--	B 7630 0906
60	9	--	B 7630 0907
70	9	--	B 7630 0900
75	9	37 – 47	B 7630 0901
85	9	47 – 57	B 7630 0902
95	9	57 – 67	B 7630 0903
105	9	67 – 77	B 7630 0904
115	9	77 – 87	B 7630 0905
135	9	87 – 107	B 7630 0908
75	10	37 – 47	B 7630 1001
85	10	47 – 57	B 7630 1002
95	10	57 – 67	B 7630 1003
105	10	67 – 77	B 7630 1004
115	10	77 – 87	B 7630 1005
135	10	87 – 107	B 7630 1006

Specification clause

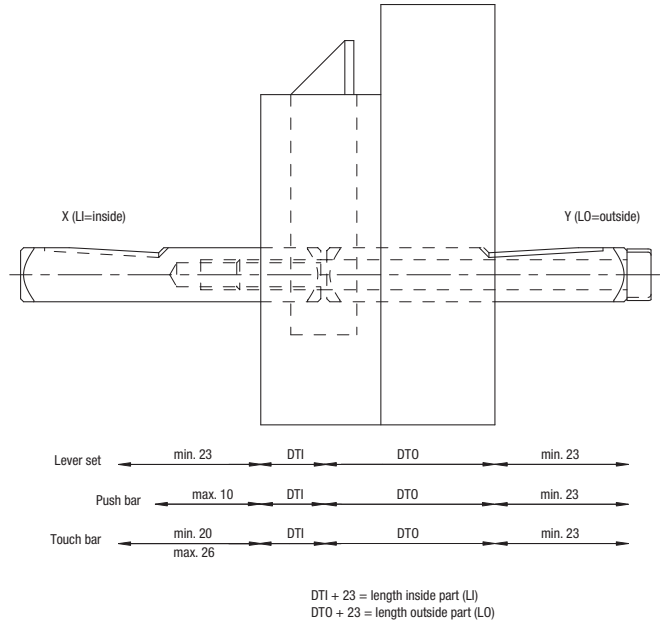
BKS threaded spindle consisting of:
 8 / 8.5 / 9 / 10 mm square spindle with special spot-faced surfaces providing a non-loosening connection with the fittings; with M8 thread for BKS entrance sets.

Dimension L:.....

Divided spindles for escape door fittings



Calculation of spindle length



Note: Fixing elements and the fitting set must be considered as a unit according to DIN 18273. Therefore, only BKS spindles and screws must be used for BKS fittings on fire control, smoke control, and escape doors!

Lever set

	DTO	18 – 23	23 – 28	28 – 33	33 – 38	38 – 43	43 – 48	48 – 53	53 – 58
SI	LO	50	55	60	65	70	75	80	85
	LI								
18 – 23	45	B 7676 0019	B 7676 0038	B 7676 0039	B 7676 0026	B 7676 0011	B 7676 0040	B 7676 0002	B 7676 0085
23 – 28	50	B 7676 0044	B 7676 0020	B 7676 0045	B 7676 0046	B 7676 0047	B 7676 0027	B 7676 0028	B 7676 0087
28 – 33	55	B 7676 0057	B 7676 0058	B 7676 0003	B 7676 0059	B 7676 0012	B 7676 0060	B 7676 0013	B 7676 0089
33 – 38	60	B 7676 0062	B 7676 0063	B 7676 0064	B 7676 0021	B 7676 0065	B 7676 0066	B 7676 0067	B 7676 0091
38 – 43	65	B 7676 0069	B 7676 0070	B 7676 0014	B 7676 0071	B 7676 0004	B 7676 0072	B 7676 0015	B 7676 0093
43 – 48	70	B 7676 0074	B 7676 0075	B 7676 0076	B 7676 0077	B 7676 0078	B 7676 0022	B 7676 0094	B 7676 0096
48 – 53	75	B 7676 0081	B 7676 0082	B 7676 0016	B 7676 0083	B 7676 0017	B 7676 0084	B 7676 0005	B 7676 0105
53 – 58	80	B 7676 0086	B 7676 0088	B 7676 0090	B 7676 0092	B 7676 0095	B 7676 0097	B 7676 0106	B 7676 0098

Lever half set / Push bar / Touch bar

LO / LI	25	30	35	40	45	50	55	60	65	70
25	B 7676 0390	B 7676 0391	B 7676 0392	B 7676 0393	B 7676 0394	B 7676 0395	B 7676 0396	B 7676 0397	B 7676 0398	B 7676 0399
30	B 7676 0309	B 7676 0300	B 7676 0301	B 7676 0302	B 7676 0303	B 7676 0304	B 7676 0305	B 7676 0306	B 7676 0307	B 7676 0308
35	B 7676 0319	B 7676 0310	B 7676 0311	B 7676 0312	B 7676 0313	B 7676 0314	B 7676 0315	B 7676 0316	B 7676 0317	B 7676 0318
40	B 7676 0329	B 7676 0320	B 7676 0321	B 7676 0322	B 7676 0323	B 7676 0324	B 7676 0325	B 7676 0326	B 7676 0327	B 7676 0328
45	B 7676 0339	B 7676 0330	B 7676 0331	B 7676 0332	B 7676 0333	B 7676 0334	B 7676 0335	B 7676 0336	B 7676 0337	B 7676 0338
50	B 7676 0349	B 7676 0340	B 7676 0341	B 7676 0342	B 7676 0343	B 7676 0344	B 7676 0345	B 7676 0346	B 7676 0347	B 7676 0348
55	B 7676 0359	B 7676 0350	B 7676 0351	B 7676 0352	B 7676 0353	B 7676 0354	B 7676 0355	B 7676 0356	B 7676 0357	B 7676 0358
60	B 7676 0369	B 7676 0360	B 7676 0361	B 7676 0362	B 7676 0363	B 7676 0364	B 7676 0365	B 7676 0366	B 7676 0367	B 7676 0368
65	B 7676 0379	B 7676 0370	B 7676 0371	B 7676 0372	B 7676 0373	B 7676 0374	B 7676 0375	B 7676 0376	B 7676 0377	B 7676 0378
70	B 7676 0389	B 7676 0380	B 7676 0381	B 7676 0382	B 7676 0383	B 7676 0384	B 7676 0385	B 7676 0386	B 7676 0387	B 7676 0388

Specification clause

BKS divided spindle for BKS escape door fittings in combination with divided followers in panic locks, consisting of:
 Outer part of spindle / inner part of spindle, and fixing screw.
 9 mm square spindle with special spot-faced surfaces providing a non-loosening connection with the levers or panic bars.
 Fixing screw with anti-twist safeguard
 Spindles halves are marked with embossed letters (I=inside, A=outside)
 Dim LI (spindle length inside): / Dim LO (spindle length outside):

Steel fixing screws



Description	Dimensions	Door thickness	Description
Countersunk screw	M5 x 35	37 – 42	B 7660 0008
Countersunk screw	M5 x 40	42 – 52	B 7660 0001
Countersunk screw	M5 x 50	52 – 62	B 7660 0002
Countersunk screw	M5 x 60	62 – 72	B 7660 0003
Countersunk screw	M5 x 70	72 – 82	B 7660 0004
Countersunk screw	M5 x 80	82 – 92	B 7660 0005
Countersunk screw	M5 x 90	92 – 102	B 7660 0006
Countersunk screw	M5 x 100	102 – 117	B 7660 0007

Specification clause

Fixing screws for BKS fittings consisting of:
 Phillips countersunk-head screw M5 according to ISO 7046, galvanized and chrome-plated iron
 Door thickness:..... Screw length:.....

Stainless steel fixing screws



Description	Dimensions	Door thickness	Description
Countersunk screw	M5 x 40	37 – 47	B 7660 0100
Countersunk screw	M5 x 50	47 – 57	B 7660 0101
Countersunk screw	M5 x 60	57 – 67	B 7660 0102
Countersunk screw	M5 x 70	67 – 77	B 7660 0103
Countersunk screw	M5 x 80	77 – 87	B 7660 0104
Countersunk screw	M5 x 90	87 – 97	B 7660 0105
Countersunk screw	M5 x 100	97 – 107	B 7660 0106

Specification clause

Fixing screws for BKS specialty stainless steel fittings with visible screw connections, consisting of:
 Phillips countersunk-head screw M5 according to ISO 7046, stainless steel
 Door thickness:..... Screw length:.....

Mounting accessories for security fittings ES3

Description	Door thickness	Description
Mounting accessories	39 – 54	B 7660 0070
Mounting accessories	54 – 69	B 7660 0071
Mounting accessories	69 – 84	B 7660 0072
Mounting accessories	84 – 94	B 7660 0073
Mounting accessories	94 – 114	B 7660 0078

Consisting of screws + mounting tools. Spindles must be ordered separately!

Review

Panic and emergency exit devices were never clearly regulated by product standards. Only “... easy opening, ... from the interior, ... at the full width” was required in these codes. However, the important term of “easy opening” was never described with reproducible values. There was also no clear regulation as to how door fittings must be designed, so that people would not injure themselves on them. The interplay of various individual components was never subjected to a real-life vandalism test. The customer was generally left alone with problems in the assembly or in the interplay of products by various manufacturers. Most of the specifications came from the area of fire protection and always required the appropriate verification of suitability for fire-rated doors.



Present

New uniform standards for the equipment of escape doors are now valid in Europe. These standards describe in detailed test specifications how “easy opening” can be measured. Moreover, they contain directives specifying the design and function of fittings. An essential innovation: Lock, fitting and assembly accessories are tested together and may only be used as a tested unit. Thanks to practical tests such as vandalism tests and to single products being made compatible with each other, the assembly of fittings is simplified and their long-range function clearly improved. All new products must be approved accordingly since 04/01/2003 and be marked with a classification code along with the CE-marking. The classification code indicates the range of approved applications and makes it easy to verify the proper product combination during a later building inspection.

The protection of people in buildings does not only play an important role in the event of a fire, but also in panic situations that might occur every day.



Different locking systems for different fields of application

Two types of escape doors – two new EU standards. Escape door systems within the context of the new standards are divided into emergency exit and panic exit devices.

This means that escape doors must be designed as panic exit devices or as emergency exit devices depending on the respective application.

Emergency exit devices according to EN 179 are designed for buildings or building sections which are not open to the public, i.e. where users are familiar with the function of the escape door. They are suitable for all applications where public traffic may be excluded. Secondary exits or doors in building sections frequented by authorised persons only must also be equipped according to EN 179.

Application examples:

- ✓ Private housing areas
- ✓ Class rooms in schools
- ✓ Administrative buildings of industrial concerns not accessible to the public
- ✓ Areas of event buildings not accessible to the public
- ✓ Areas in airports, banks, shopping centres, etc. not accessible to the public.

As operating elements this standard specifies lever handles or push pads.

Recommended use:

Exit devices to EN 179 should be applied in areas where public use may generally be excluded.



Panic exit devices according to EN 1125 are used in public buildings or building sections where visitors **not** familiar with the function of the escape doors must be able to operate these without instructions in the event of an emergency.

This specifically includes:

- ✓ Hospitals
- ✓ Escape routes in schools
- ✓ Public administration
- ✓ Events buildings
- ✓ Airports
- ✓ Shopping centres, etc.

As operating elements this standard specifies push bars or touch bars reaching over the total width (or at least 60%) of the door leaf.

Recommended use:

If a later use of the building is not clearly defined at the beginning of planning, panic exit devices to EN 1125 should preferably be installed.

This also applies to a modified use at a future time. Otherwise, considerable retrofitting operations may become necessary.



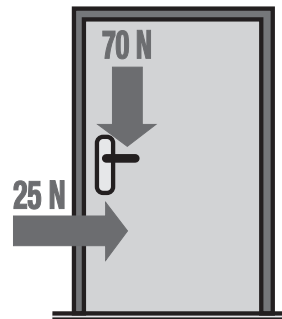
Main requirements for escape doors:

- Doors in rescue routes must permit opening **at all times** from the inside easily and **at the full width**.
- Escape doors must open the escape route within 1 second with a hand movement without the use of a key (EN 1125 / EN 179). Escape doors must open outwards.
- Rescue routes must not be blocked.
- Door fittings must be designed in a way that people's clothing will not catch on them.
- The open end of the lever must be designed in a way that it points to the surface of the door leaf, in order to prevent injuries (EN 179).

→ Easy opening of escape routes through emergency exit devices according to EN 179

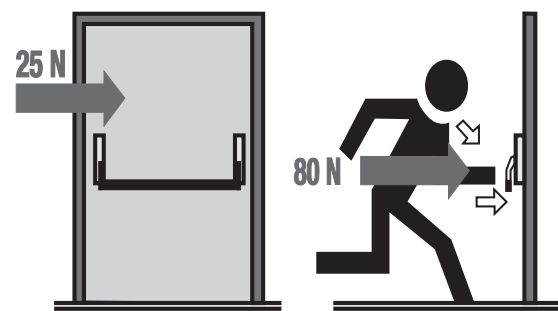
These are tested at a maximum opening force of 70 Newton applied vertically onto the lever handle. With all locking elements released, the door must open in the direction of the escape route.

Little friction of the lever bearing and the smooth interplay of the locking elements and the appropriate keepers in the door frame are important here. Moreover, in order to prove their everyday suitability, these locking systems are subjected to a vandalism test and an operational durability test with a permanent load of 25 Newton.

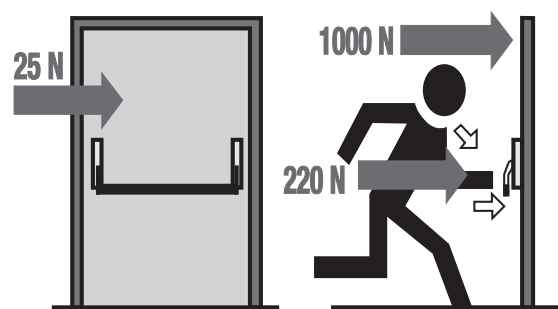


→ Easy opening of escape routes through panic exit devices according to EN 1125

The exit device is checked for suitability in two different tests. The first test is carried out without an initial load being applied to the door leaf; the door must open automatically in the direction of the escape route at a maximum operating force of 80 Newton. In the second test carried out with an initial load of 1000 Newton applied to the door leaf, the operating force must not exceed 220 Newton to open the door. These values also apply to double leaf door units and to exit devices which have additional locking elements such as vertical rods or multipoint locks. As with EN 179, the locking systems are subjected to a vandalism test and an operational durability test with a permanent load of 25 Newton to prove their everyday suitability.



Test 1: Door leaf without initial load



Test 2: Door leaf with an initial load of 1000 N

Note:

Only the new standards EN 179 and EN 1125 provide a measurable reference for the "easy opening" of escape doors.

→ Escape routes must open in one movement

This means that on double leaf door units only full panic systems are permitted providing the opening of both door leaves, even when only the handle on the inactive leaf is operated. With the use of G.U-BKS locks, this requirement can be fulfilled in any location thanks to a choice of various panic functions for single and double leaf door assemblies. Further extensive safety requirements may be met with additional electromechanic options allowing for the integration of intelligent escape door control and access control systems. Mechanics and electronics are complemented here in one!

→ Escape doors must open outwards

This requirement is already known from various codes. It is incorporated in the new standards which specify locking systems for outward opening escape doors exclusively. Escape door functions “opening inward” known for special cases, cannot be permitted according to EN 179 and EN 1125. With the use of push bars and touch bars to EN 1125, this would not be logical after all.



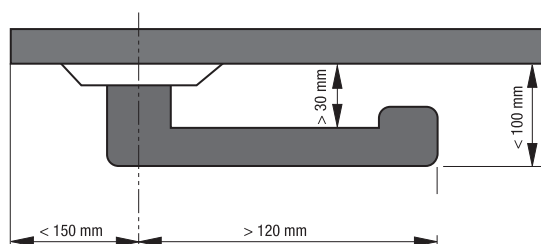
→ Rescue routes must not be blocked

Any kind of impediment in the floor area – except for thresholds up to a certain height – are not permitted. Human life is saved on freely accessible escape routes only.

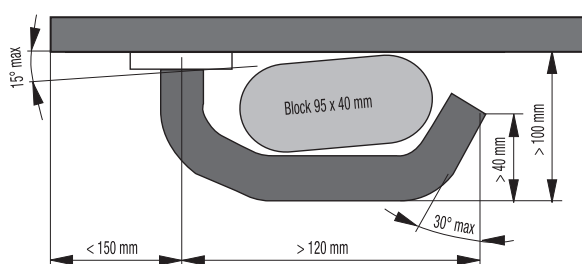
→ Fittings must be designed to prevent injury to people

With these standards, design variants are regulated for the first time. The adequacy of particular fittings can be easily verified by means of dimensioned graphics.

Graphic 1 shows the current requirements for lever handles according to EN 179. Here, precise dimensions of the lever end inclined toward the door leaf are missing among other specifications. Since the design possibilities according to this graphic are limited to U-shaped models, designs according to graphic 2 are planned for the next updated issue of the standard. Current licenses, however, already take this amendment into account; otherwise architects and building contractors would not have the creative scope they desire, and the manufacturers of fittings could offer only a very limited range of lever handles.



Graphic 1



Graphic 2

Locks and fittings must be provided with test identification codes (DO numbers) and with the required CE-marking.

This allows a locking system to be identified as approved during assembly and final acceptance.

We are aware that our product range is very extensive due to the numerous situations in buildings. For this reason, we have developed logos with which we additionally mark our products. For the sake of clarity, partners of G.U.-BKS also use these logos, thus enabling you to combine solutions from different catalogues to meet your individual requirements.

The first purpose of CE marking is to simplify the movement of goods within the EC. Another purpose is to indicate the approved product use by the classification code on the CE label.

Our locks are visibly marked on the forends with the label explained below.

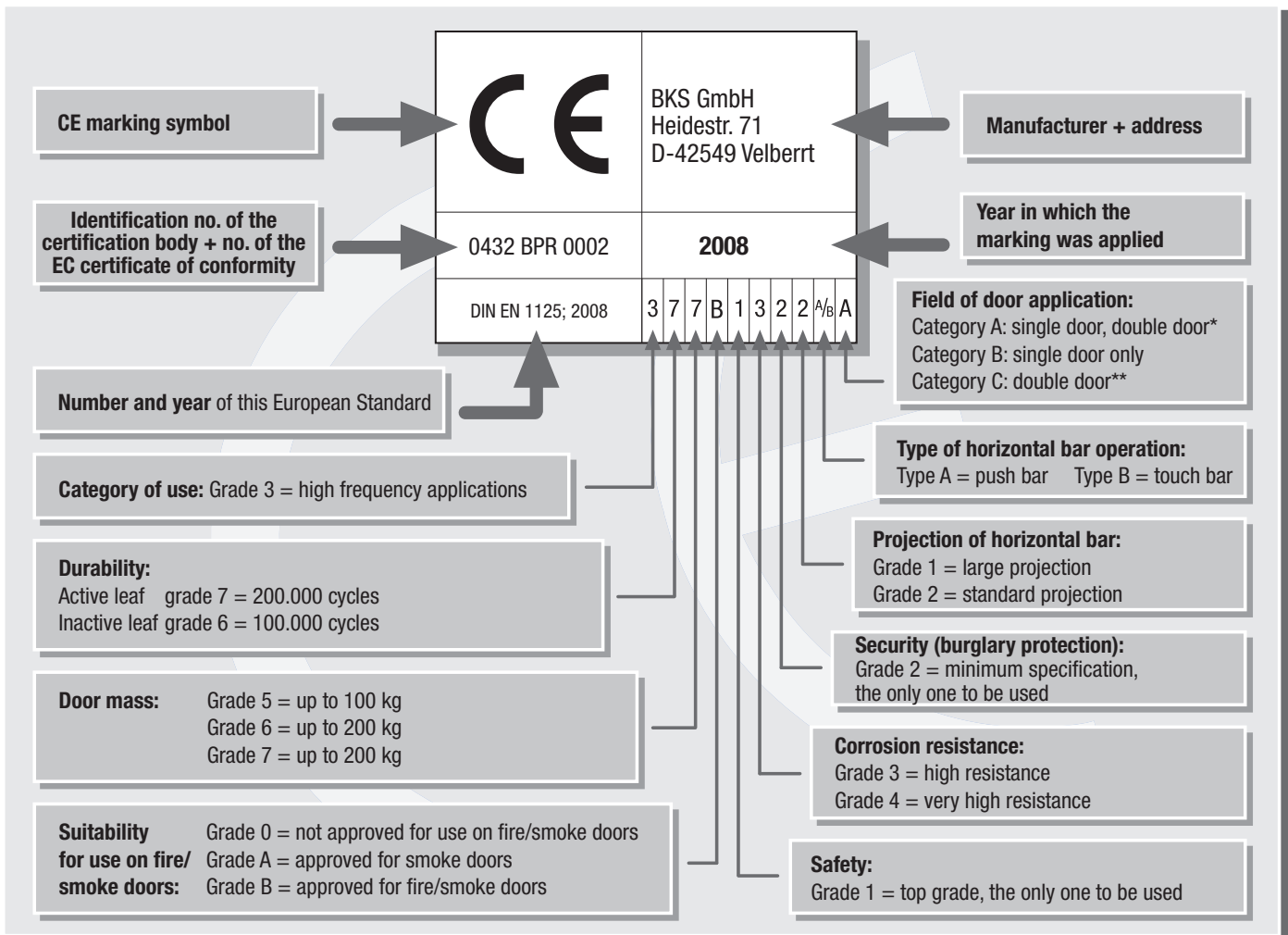
Many of them are approved for use in locking systems according to EN 179 and EN 1125. Their approved use is recognisable by the classification code on the label.

The field of application is to be taken from the respective product description.

CE Marking

BKS locking systems have the following certification numbers:

- DIN EN 179 = 0432 BPR 0003
- DIN EN 1125 = 0432 BPR 0002



* active or inactive leaf of double door ** inactive leaf only

You can recognise BKS fittings by the test labels attached to the bottom side of the mounting plates.

The appropriate BKS locks are marked visibly on the forend.

The table on the right shows which combinations are approved. By means of the test labels it is possible to identify appropriate locks and fittings in the event of separate delivery.

	BKS locks	BKS fittings
Timber and steel doors	DO 5.0 DO 5.1 DO 9.2	DO 20.10.1
Narrow stile doors	DO 9.1 DO 9.6	DO 20.10.2
SECURY	DO 5.1 DO 9.1	DO 20.10.1

Note:

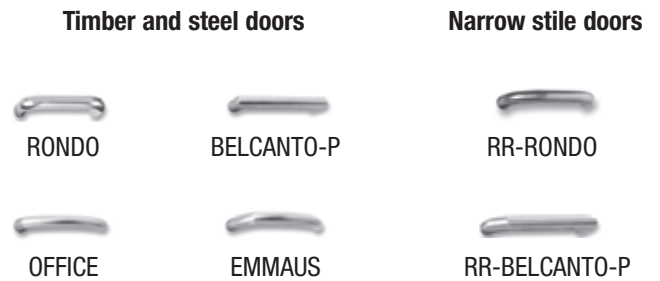
Approval and application as emergency exit device to EN 179 or panic exit device to EN 1125 are only possible in conjunction with the appropriate EC conformity certificate.

Fittings approved to EN 179

Various lever models are tested and approved for the use on contract doors.

The illustrated models only represent a part of our programme. We are continuously developing new products that correspond to the requirements of our customers.

Upon special request, we can also design individual models for your contract work which will conform to the requirements of EN 179.



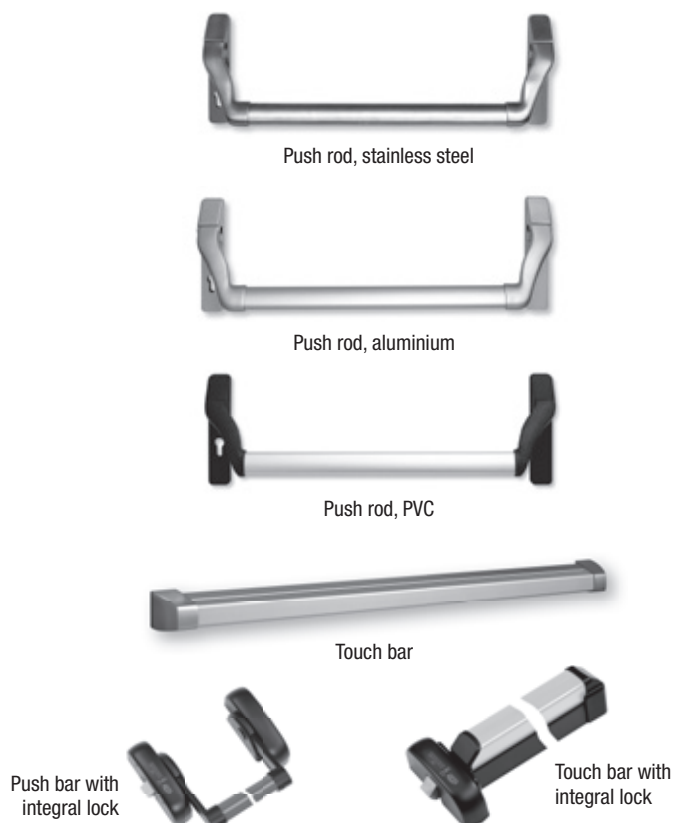
Fittings approved to EN 1125

Only operational elements spanning the door width are approved as fittings to 1125. Push bars or touch bars are such operational elements.

The illustrated operational elements provide an overview of our programme.

Thanks to a variety of finishes, it is possible to create a harmonious appearance with regard to the fittings on other doors in the building.

Special fitting solutions for slim profiles to avoid material deformation and injury are also contained in our programme.



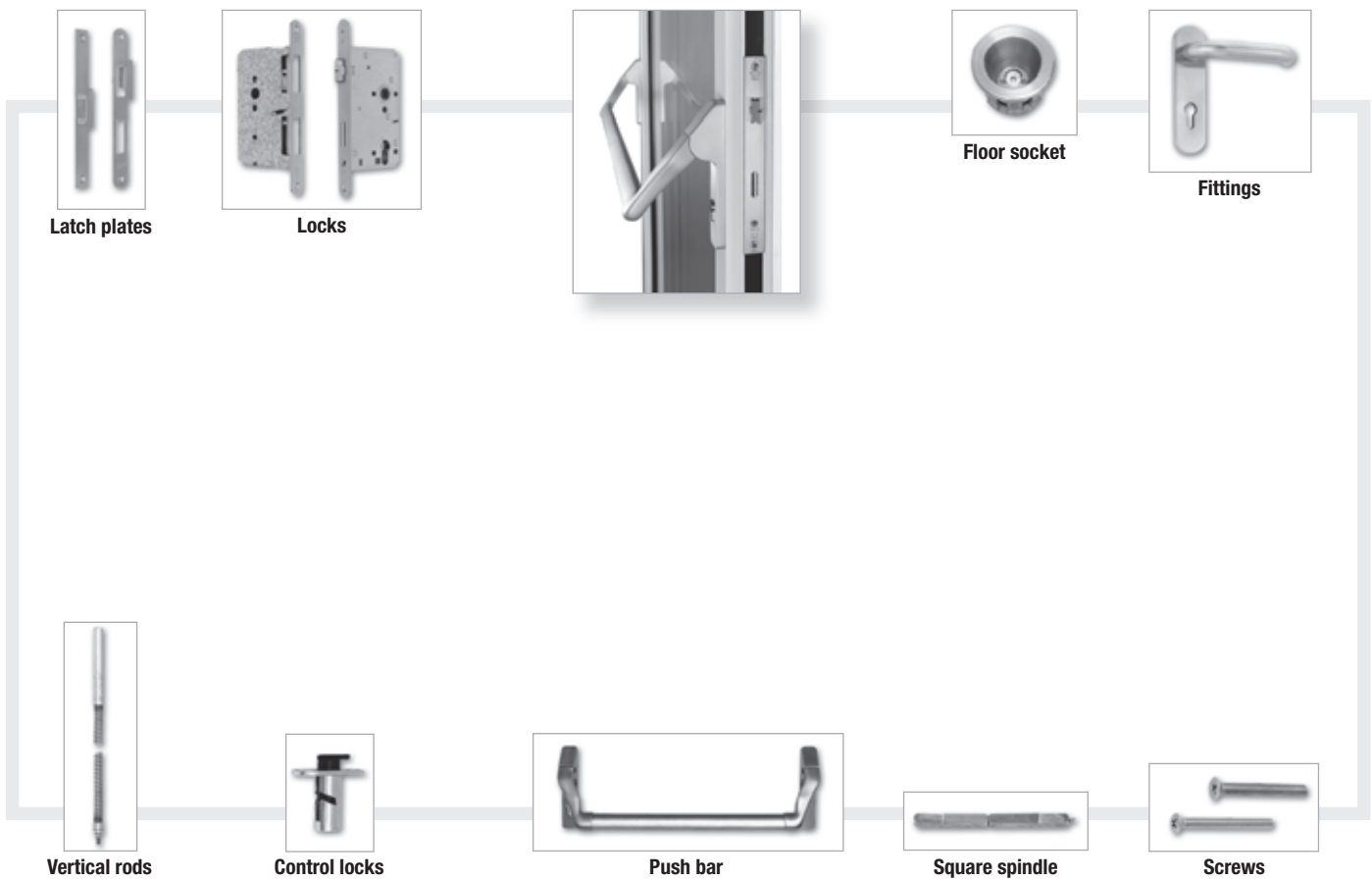
Locking systems as unit

Practical experiences in the combination of products by various manufacturers have shown that not all combinations function smoothly without an examination. For this reason, one of the essential features of the new requirements was defined:

Lock, fittings and accessories may only be tested, marked and assembled as a unit.

The user as well as the planner thereby receive a guarantee that the system was tested and approved for compatibility.

Extensive durability and manipulation tests guarantee a safe interaction of all components.



Approval and certification

Exit devices according to EN 179 and EN 1125 must only be tested by notarized institutes (authorized in Europe). Here, we are working together with the Material Testing Authority of North Rhine-Westphalia (MPA/NRW) in Dortmund.

The additional outside supervision of the products is also performed by MPA and is documented by the Ü-marking on the products.

Shipment according to EN 179 and EN 1125

The components of approved exit devices may be tendered separately. Depending on the sales method, separate deliveries directly to the location are also possible. The responsibility for the correct composition and assembly is then given to the assembly company. In this event, the door manufacturer and possibly participating dealers are subject to reporting requirements.

Sales partners of the G.U. Group are under the obligation to point out the adherence to these specifications to their customers. These partners are authorized to use the illustrated label.

Standardised operation throughout Europe

The operation of escape doors will be standardised in Europe in the future. The protection of human life is placed above the protection of property.

Both standards are generally implemented and valid in the EC. In many countries the use of push rods or touch bars similar to EN 1125 has been common practice for many years already.



Applications

The security fittings may be used on house or apartment entrance doors. Depending on the product variant, contract fittings are also approved for fire control, smoke control, and escape doors. Coming with different backplate widths, they are suitable for timber and steel doors, or narrow stile doors.

1 Creative design options

By combining various lever and knob models, it is possible to create fitting combinations available as entrance set or as lever set.

2 Material options

- Anodized or colour coated aluminium
- Stainless steel
- Titanium coating in brass appearance (ES3)



3 Protection of the locking cylinder

The optional cylinder covering protects the cylinder against being withdrawn or twisted off forcibly. The plug security plate is suitable for current key sizes.

4 Security backplate outside

Depending on the security grade, the outside backplate is secured by hardened elements against manipulation by drilling.

5 Attachment to the door

Through-fixing with rugged fastening elements guarantees the stable attachment of the fittings and prevents them from being pried open.

Tested quality

- Burglary inhibition according to DIN 18257
- Suitability for fire control, smoke control and escape doors to DIN 18273
- Manufacture and internal quality control according to EN ISO 9001
- External quality control by the Material Testing Authority of North Rhine-Westphalia (MPA/NRW)



Classification of security fittings

Extra high burglary resistance class 3 to DIN 18257 (grade 4 security to EN 1906)

Strength of backplate:	5 kN (20 kN)
Maximum flexion of backplate:	2 mm (5 mm)
Tensile strength of fastening elements:	(30 kN)
Maximum deformation of fastening:	(5 mm)
Drilling resistance of outside backplate:	the entire plate surface must be secured (30 s on randomly selected point over the entire plate surface).
Tensile strength of cylinder cover:	20 kN (20kN)
Chisel test resistance:	12 (12) blows

EN 1906 values in parentheses

High burglary resistance class 2 to DIN 18257 (grade 3 security to EN 1906)

Strength of backplate:	not required (15 kN)
Maximum flexion of backplate:	not required (5 mm)
Tensile strength of fastening elements:	(20 kN)
Maximum deformation of fastening:	(5 mm)
Drilling resistance of outside backplate:	partial area around locking cylinder must be secured (30 s on randomly selected point).
Tensile strength of cylinder cover:	17 kN (15kN)
Chisel test resistance:	6 (6) blows

EN 1906 values in parentheses

Moderate burglary resistance class 1 to DIN 18257 (grade 2 security to EN 1906)

Strength of backplate:	not required (10 kN)
Maximum flexion of backplate:	not required (5 mm)
Tensile strength of fastening elements:	(15 kN)
Maximum deformation of fastening:	(5 mm)
Drilling resistance of outside backplate:	partial area around locking cylinder must be secured (30 s on randomly selected point).
Tensile strength of cylinder cover:	15 kN (10kN)
Chisel test resistance:	3 (3) blows

EN 1906 values in parentheses

Mild burglary resistance class 0 to DIN 18257 (grade 1 security to EN 1906)

Strength of backplate:	(7 kN)
Maximum deformation of fastening:	(5 mm)
Tensile strength of fastening elements:	(10 kN)
Maximum deformation of fastening:	(5 mm)
Drilling resistance of outside backplate:	(not provided)
Tensile strength of cylinder cover:	(not provided)
Chisel test resistance:	(not provided)

EN 1906 values in parentheses

Applications

The contract (heavy-duty) fitting range was developed for the sophisticated demands of contract work. Thanks to its modular design, it provides for a multitude of applications.

Depending on the product variant, contract fittings are also approved for fire control, smoke control, and escape doors.

Coming with different backplate widths, they are suitable for timber and steel doors, or narrow stile doors.

1 Creative design options

By combining various lever and knob models, it is possible to create fitting combinations available as entrance set or as lever set.

2 Material options

- Anodized or colour coated aluminium
- Stainless steel
- Titanium coating in brass appearance (ES3)



3 Contract fittings with BKS bearing technology



Features and advantages:

- Compensation of latching inaccuracies
- Maintenance-free operation
- Minimised friction losses
- Fixed backplate with friction washer
- Smooth and noiseless lever operation

4 Attachment to the door

Through-fixing with rugged fastening elements guarantees the stable attachment of the fittings.



Tested quality

- Suitability for fire control, smoke control and escape doors to DIN 18273
- Burglary inhibition according to DIN 18257 – class 3
- Manufacture and internal quality control according to EN ISO 9001
- External quality control by the Material Testing Authority of North Rhine-Westphalia (MPA/NRW)



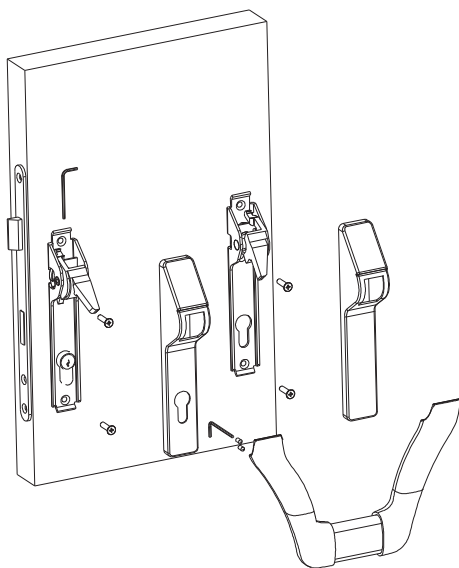
Mounting advice for push bars

BKS locks and BKS fittings are perfectly compatible with each other; if appropriately assembled, they comply with the high requirements of the respective standards and regulations.

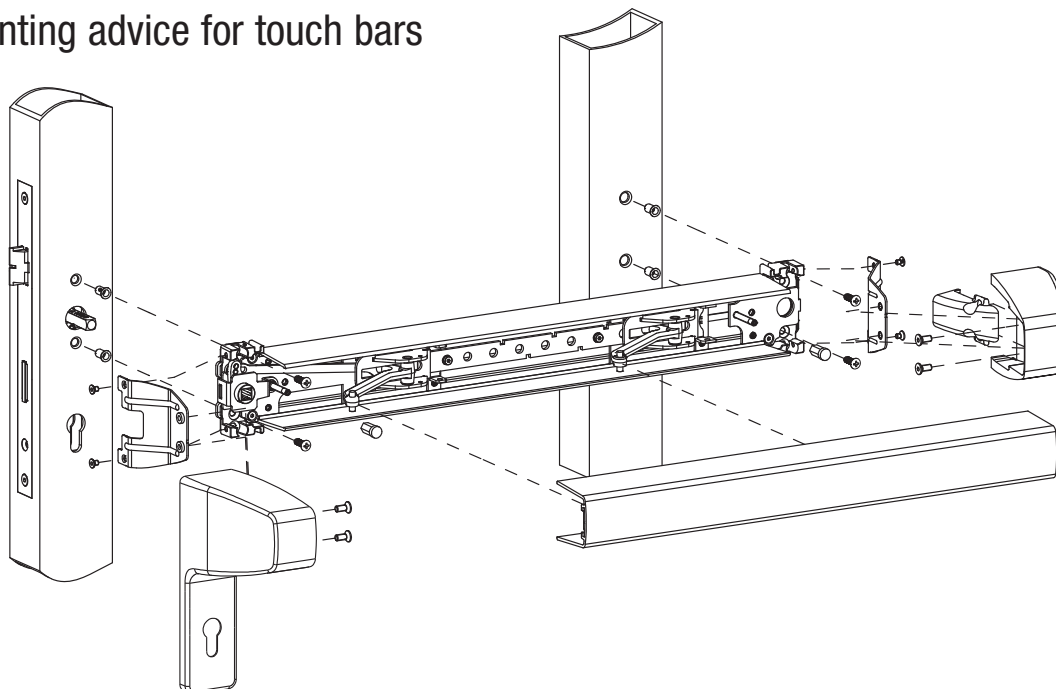
Through-fixing and twofold spindle fixture – where possible – enable the fittings to resist against high operational forces which may occur in the event of an emergency.

Especially on 2-leaf narrow stile escape doors is it essential that the fittings should be attached securely. Where through-fixing is not possible, it is necessary that additional fastening elements such as, e.g., clinch nuts are used to provide for appropriate fitting attachment.

For safe and durable functioning of the fittings we recommend assembly according to the examples below.



Mounting advice for touch bars



Aluminium

BKS only use high-quality aluminium alloys for their fitting programme. A variety of finishes and colours provides for versatile creative possibilities. The manufacture of such products is very sophisticated, minimal colour deviations are therefore possible.

Anodised finishes



F1 natural anodised colour



F2 champaign colour



Silver colour

Painted finish

Standard colours, powder-coated

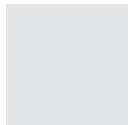


White RAL 9016



Dark bronze UC5

Special colours, powder-coated



Golden yellow RAL 9016



Ruby red RAL 3003



Dark red RAL 3007



Ultramarine RAL 5002



Sapphire blue RAL 5003



Mint green RAL 6029



Dark green RAL 6012



Brown-olive RAL 6022



Dark brown RAL 8022



Agate grey RAL 7038



Deep black RAL 9005

Brass

Our high-quality fittings with brass appearance are manufactured from stainless steel and coated with titanium (PVD). They distinguish themselves by outstanding corrosion and abrasion resistance and require little maintenance only.

Finishes



Brass appearance

Stainless steel

Our stainless steel fittings are manufactured from material 1.4301 according to DIN 17440. This material features excellent application properties and is increasingly used on windows and doors.

Finishes

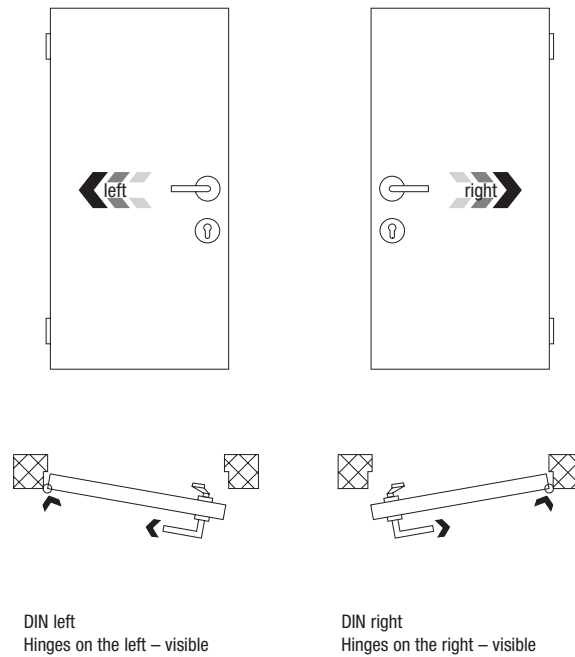


Stainless steel matt brushed



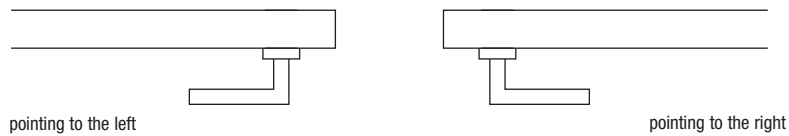
Stainless steel polished

Door handing

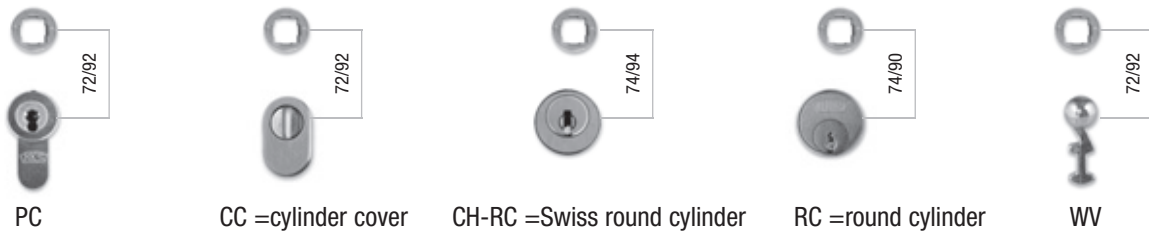


- Door fittings should always be fixed from inside.
- The DIN direction must be specified for asymmetrical levers and backplate forms.

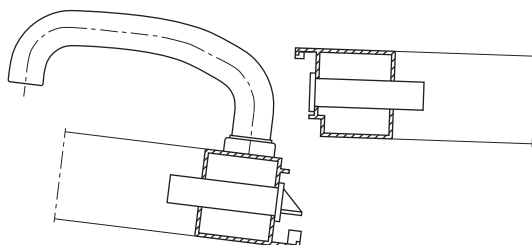
Direction of lever handle



Boreholes



Risk of injury



With narrow stile doors it is important to ensure that suitable fittings are used.
Lever handles should always be cranked to prevent injuries as the door is operated.

According to the defined manufacturer's liability described in the German "Product Liability Act", the following information regarding locks and fittings should be observed.

Non-compliance exempts the manufacturer of his liability.

1. Product information and use as directed

A lock generally has the function to lock and block a door. Simple lock designs serve only to shut the door. This means that a door is kept closed so that it cannot be opened by pulling or pushing, but may be opened by a simple method, such as by moving a lever handle. The lock latch – generally called latch – serves as lock.

Securing the closed door by blocking at least one deadbolt or latchbolt (= deadbolting latch) which meshes into the appropriate recess of the jamb, respectively the latch plate, is called blocking.

The deadbolt must be blocked in extended position against being pushed back. Moreover, door opening must be efficiently impeded unless the appropriate key is used.

A lock must only be blocked with the door in closed position.

Cylinder attachment screws not matching with the backset dimension of the lock must be cut to length (BKS delivers the appropriate screw length if the backset is specified in the order).

A mortise lock is a lock which is inserted into a recess in the door leaf (lock pocket) and fixed with screws.

The following must be observed to ensure use as directed :

- Locks, latch plates, door fittings, attaching elements and locking cylinders must be selected to be compatible with each other.

The current state of technology must be applied for proper installation, maintenance and possible replacement. This is documented in standards related to these products and in the manufacturers' catalogues and instructions.

With locks for escape doors or special locks, the simultaneous operation of key and fitting, e.g., a lever handle, is usually not allowed.

Locks for escape doors or special locks may only be combined with locking cylinders with turn knob, if this is agreed with the lock manufacturer by contract. For it is generally assumed that only the owners of the keys have the right to operate the lock, and the activation of a lock through a knob cylinder (i.e. without key) is not considered to be a normal case.

Latch and deadbolt being returned simultaneously by the mere operation of the lever handle is a special case which must not generally replace the standard key operation for withdrawing the deadbolt.

Locking cylinders may only be installed in locks without any reservation if they comply with a dimensional standard (e.g. DIN 18252), and if the locks in turn are explicitly designed for cylinders to this standard.

In all other cases, the manufacturer, dealer, fabricator or consumer of such locks has to ensure that the locking cylinders he has selected are suitable for the intended use.

It is necessary that legal regulations and manufacturer's instructions should be observed. For example, no locking cylinders with knob, turn or similar handle may be installed in panic locks.

General terms, unless explained on catalogue pages, in brochures, price lists or on the internet are defined in the standards relevant for these products (such as EN 179, EN 1125, EN 1303, EN 1906, EN 12209). Deviations from the particular relevant standard must be specified in the order.

2. Incorrect use

Incorrect use – meaning not used as specified – of locks is when, e.g.,

- the flawless use is prevented by inserting foreign objects into the lock or into the latch plate.
- the lock or the latch plate are attacked in such a way on the outside or inside that their construction or function are affected.
- the deadbolt is extended to prevent the door from closing
- the function of the locking elements is blocked as a result of improper assembly or subsequent treatment, e.g., painting.
- a load is put on the lever handle exceeding the normal force applied by hand.

- unsuitable, such as dimensionally deviating, or the wrong keys are used
- the specified door gap changes as a result of hinge re-adjustments or unintended lowering of the door.
- a double door is opened by the passive leaf although not designed and approved for this feature.
- objects or extremities are put between the door leaf and the jamb as the door closes.
- activating the lever and the key simultaneously.

3. Product performance

Unless described in our catalogues, brochures or performance specifications, technical requirements must be agreed with us.

The relevant standards serve as guidelines (for example, EN 179, EN 1125, EN 1303, EN 1906, EN 12209).

Basic requirements and additional requirements are defined in these standards.

The serviceability of locks also depends on the operating frequency, operating method, environmental effects and maintenance.

Lock, latch plate, door fittings, locking cylinder and keys must be replaced as soon as problems occur despite proper maintenance.

This also applies to attempts to forcefully overcome locks and their accessories (burglary attempts).

4. Product maintenance

Locks must be lubricated with suitable lubricants at least once a year or more frequently depending on the wear. Door fittings, latch plate and locking cylinder must be checked for their proper condition and tight attachment. Only cleaning agents not containing corrosive ingredients may be used.

5. Information and instruction duties

In order to comply with the informational and instructional duties prescribed by the German Product Liability Act, the following documents and services are made available to specialist dealers, locksmiths, architects, planners, fabricators and end users upon request :

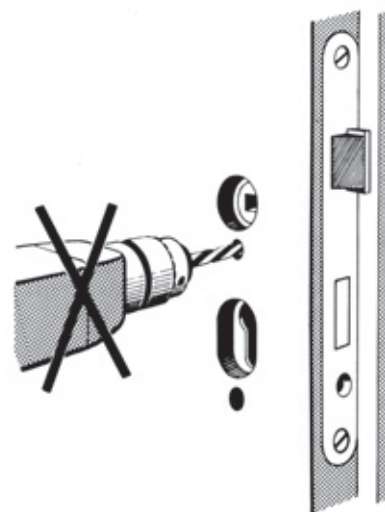
- catalogues, brochures
- specification clauses, quotation documents, key combination records
- the relevant standards serving as guidelines, for example, EN 179, EN 1125, EN 1303, EN 1906, EN 12209.
- Instructions for installation, operation and maintenance

For the selection, installation, operation, and maintenance of locks and fittings,

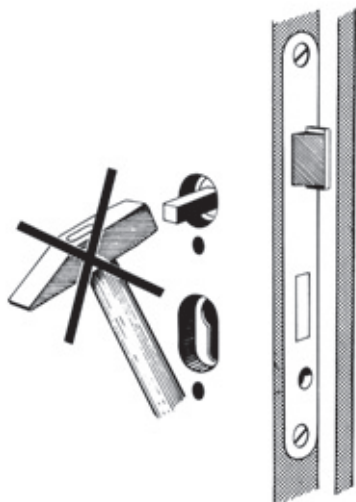
- architects and planners should consider to request and observe all required product information from us.
- specialist dealers must consider to observe product information and reference in the price lists and specifically request all necessary instructions from us and to forward these to the fabricators.
- fabricators must consider to observe all product information and specifically request operating and maintenance instructions from us and to forward these to contractors and consumers.

Important advice regarding the use of BKS locks and fittings :

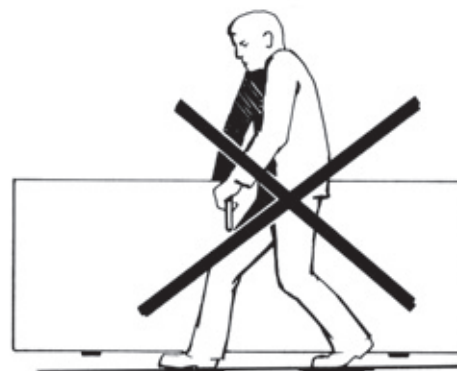
1. Do not make drillings on the door leaf with the lock installed.



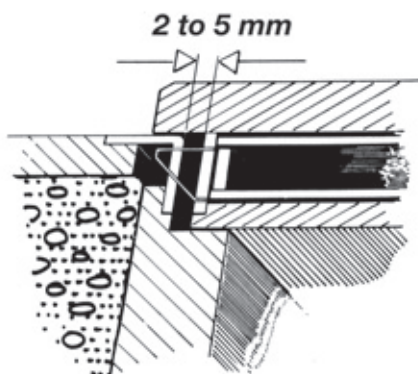
2. Do not hit the square through the follower by force.



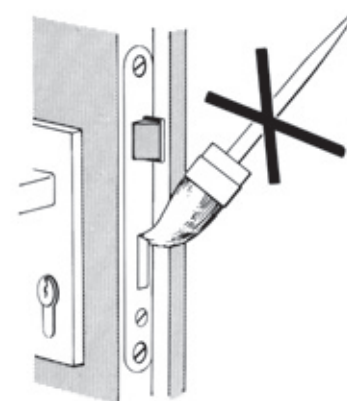
3. Do not carry the door leaf by the handle.



4. The distance between the lock forend and the latch plate should range between 2 and 5 mm.



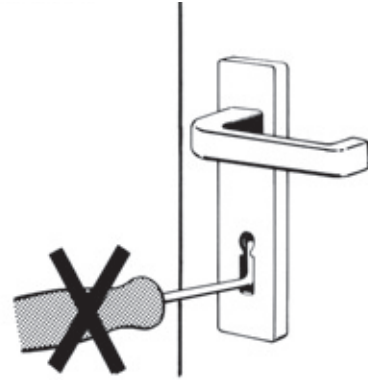
5. Do not paint over deadbolt and latch.



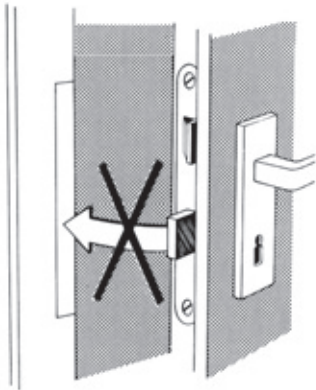
6. The handle must be loaded in rotational direction only. The maximum force allowed is 150 N.



7. Do not manipulate the lock with foreign objects. Operate it with the appropriate key only



8. The deadbolt must not be thrown with the door open.



9. Do not operate handle and key at the same time. gleichzeitig betätigt werden.



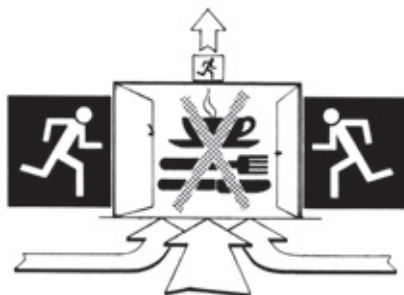
10. Emergency exit devices must not be left with the key inserted.



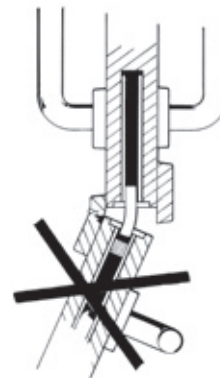
11. Panic or emergency exit devices must not be fitted with cylinders having a knob or a turn.
Exception: self-locking locks of series 19xx and 21xx.
Attention: Push bars might interfere with the knob or turn!



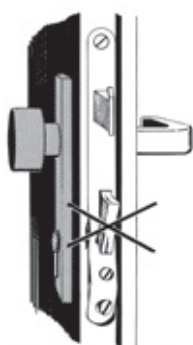
12. Exit devices not corresponding to EN 179 or EN 1125 are not suitable for frequent use and should only be operated in the event of an emergency.



13. Double leaf doors without double-sided panic function (full panic function) may not be forced open by the passive leaf.



14. If there is any evidence of violence, the lock must be replaced immediately.



15. Lubricate locks with non-resinous oil at least once a year.



Exclusion of liability

BKS products are permanently adapted and developed to meet the growing demands of the market. We also reserve the right to make changes serving to advance the state of the art.

Further reasons for modification may be:

- global technical development
- alterations in the product range
- adaptation to changed laws and technical standards

The present catalogue was compiled with the greatest possible care. Nevertheless, we ask for your understanding that we take no responsibility for possible mistakes with regard to presentation and description of the products. Thank you.

The most important (European) standards concerning doors and door-related products are:

- DIN 107**
Definition of DIN left and DIN right in the building and construction industry
- DIN 1080, Part 1**
Terms, symbols and units in civil engineering, basics
- DIN 4102, parts 5 + 18**
Part 5: Fire performance of building materials and building components; fire-resistant closures, closures in elevator shaft walls fire-resistant glazing
Part 18: Fire behaviour of building materials and components; fire protection closures; attestation of the quality 'self-locking' (continuous operation test)
- DIN 18055**
Windows; joint impermeability, resistance to driving rain and to mechanical stress; specifications and tests
- DIN 18082, Parts 1 + 3**
Part 1: Fire-resistant closures, steel doors T30-1, type A
Part 3: Fire-resistant closures, steel doors T30-1, Type B
- DIN 18095, parts 1 + 2**
Part 1: Doors; smoke control doors; terms and requirements
Part 2: Doors; smoke control doors; type testing for durability and tightness
- DIN 18100**
Doors; wall openings for doors; dimensions to DIN 4172
- DIN 18101**
Doors; doors for residential construction; door leaf dimensions, position of lock and hinges; interrelationship between dimensions
- DIN 18111, part 1**
Door frames, steel frames, standard frames for rebated doors
- DIN 18250**
Mortise locks for fire-resistant closures
- DIN 18251**
Locks; Mortise locks for doors
- DIN 18252**
Locking cylinders for door locks; terms, descriptions
- DIN 18255**
Building hardware; lever handles, backplates and rosettes – terms, dimensions, requirements
- DIN 18257**
Building hardware; security fittings – terms, dimensions, requirements, tests and markings
- DIN 18273**
Building hardware; lever handle sets for fire control doors and smoke control doors – terms, dimensions, requirements and tests
- DIN 18357**
VOB (German Construction Contract Procedures), part C: General technical contractual requirements, building hardware
- DIN 18361**
VOB (German Construction Contract Procedures), part C: General technical contractual requirements, glazing
- DIN 68706, part 1**
Interior doors of timber and timber materials, plywood doors, terms, preferential dimensions, structural features
- EN 179**
Building hardware. Emergency exit devices operated by a lever handle or push pad, for use on escape routes
- EN 1125**
Building hardware. Panic exit devices operated by a horizontal bar, for use on escape routes
- EN 1154**
Building hardware. Controlled door closing devices
- EN 1303**
Building hardware. Cylinders for locks. Requirements and test methods
- ENV 1627**
Windows, doors, shutters. Burglar resistance. Requirements and classification
- ENV 1628**
Windows, doors, shutters. Burglar resistance. Test method for the determination of resistance under static loading
- ENV 1629**
Windows, doors, shutters. Burglar resistance. Test method for determination of resistance under dynamic loading
- ENV 1630**
Windows, doors, shutters. Burglar resistance. Test method for the determination of resistance to manual burglary attempts
- EN 1634, parts 1 + 3**
Fire resistance tests for door and shutter assemblies
Part 1: Fire control doors and shutters
Part 3: Smoke control doors and shutters
- EN 1906**
Building hardware. Lever handles and knob furniture. Requirements and test methods

The constant high quality of all operational sequences at BKS is guaranteed by the application of a Quality Assurance System to EN ISO 9001.

This is the highest quality standard in Europe, not only for production but also for other company divisions such as development, order processing or after-sales service etc.

BKS applies this standard to all product areas (locking cylinders, door locks, fittings, electronics and door closers).

The extensive G.U-BKS range is designed to bear high stress loads and oriented towards compatibility among its products.

A high level of quality, reliability and durability of door units can only be guaranteed with a system of compatible products which G.U-BKS is capable to offer thanks to the unequalled diversity of the Group's product range.

Product quality and compliance with various standards and regulations are documented in test results and approvals, copies of which are available on request.

ertifikat • Certificate • 証明 • Сертификат • Certifikat • Bizonyítvány • Certificat • 証明書 • 証明 • Сертификат • Atestats • 證明 • Certifikat • Atestats • 證明 • Certifika • pramānapatra
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ZERTIFIKAT

Die AGQS Qualitäts- und Umweltmanagement GmbH bestätigt,
dass das Unternehmen

BKS GmbH
Heidestraße 71
D-42549 Velbert

für den Geltungsbereich

Entwicklung, Herstellung und Vertrieb von
Schließzylinder, Schließanlagen, Schlösser für Haus-
und Innentüren, Beschläge, Türschließer sowie
Fluchttürmanagementsysteme

ein Qualitätsmanagementsystem eingeführt hat und aufrecht
erhält. Ein Audit, dokumentiert in einem Bericht, hat bestätigt,
dass dieses Managementsystem die Anforderungen der folgenden
Norm erfüllt:

DIN EN ISO 9001:2008



Remscheid, 2009-04-29





QMS-TGA-ZM-01-93-00

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Security fittings, features and requirements.....	70 – 71
Architects range	54 – 55
Fixing accessories	58 – 59
Floor-mounted door stops.....	50 – 51
Wide backplate set	30 – 31
Touch bar.....	36 – 37
Direction of lever handle.....	75
Spindles	58
Stainless steel window handles.....	48 – 49
Panic and emergency exit devices for Europe.....	62 – 69
Divided spindles for escape door fittings.....	60
Materials and finishes	74
Features of security fittings	70 – 71
Features of contract fittings	72
Lever model ANDANTE	42 – 43
Lever model BAUHAUS	24 – 25
Lever model BELCANTO.....	16 – 19
Lever model BELCANTO-Panic.....	12 – 15
Lever model CRESCENDO	44 – 45
Lever model EMMAUS	26 – 29
Lever model FORTE	46 – 47
Lever model OFFICE	20 – 23
Lever model RONDO.....	8 – 11
Mounting advice for fittings	73
Standards.....	80
Pictograms	50 – 51
Product information/product liability.....	76 – 79
Quality control	81
Screws	61
Push bars	32 – 35
Spindles	58 – 60
Door holder.....	52 – 53
Door handing.....	75
Threaded spindles	59

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