

Steel Multi-Function Doors

Fire-rated and smoke-tight doors Acoustic-rated doors Security doors Multi-purpose doors



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Symbols Used

Symbol	Description
	Price on request
	Please note the extended delivery times
K	Made-to-order goods with delivery time
•	Prices marked with a dot indicate articles that are available from stock and available immediately ex works
Ð	Article has been replaced
✓	Applicable for listed door types
×	Not applicable for listed door types

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Prepared for profile cylinder, backset 65, backset 80

Article	Description	Art. no.	Quantity	€
	Lock with lever/knob, PC, backset 65 mm Single-leaf doors/traffic leaf of double-leaf doors		Unit(s)	
	Left Right	450685 • 450693 •		/each /each
	Left, stainless steel lock cover	449970 •		/each
	Right, stainless steel lock cover	449989 •		/each
	★ H6-2, H16-2, H16G-1 > BRH 2875 mm, H16G-2 H_90D-1(G) > BRH 2875 mm, H_90F-2			
			Each	
	Lock with lever / knob, PC, backset 80 mm Traffic leaf on double-leaf door			
	Left, stainless steel lock cover	453918 •		/each
	Right, stainless steel lock cover	453920 •		/each
	✓ H16-2, H16-2, H_60D-2, H_90D-2			
			Unit(s)	
	Lock, PC, backset 65 mm			
	Single-leaf doors / traffic leaf of double-leaf doors			
	Left, stainless steel lock cover	547418 •		/each
n 90)	Right, stainless steel lock cover	547419 •		/each
	✓ H16G-1 > BRH 2875 mm, H16G-2			
	H_90D-1(G) > BRH 2875 mm, H_90F-2			
			Unit(s)	
	Additional catch lock, backset 65 mm			
	Single-leaf doors/traffic leaf of double-leaf doors			
	Left, stainless steel lock cover	547420 •		/each
	Right, stainless steel lock cover	547421 •		/each
(0)	✓ H16G-1 > BRH 2875 mm, H16G-2 H_90D-1(G) > BRH 2875 mm, H_90F-2			

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With anti-panic function, split spindle, backset 65

Article	Description	Art. no.	Quantity	€
			Unit(s)	
	Lock with split spindle, prepared for PC, backset 65 mm			
	Single-leaf doors/traffic leaf of double-leaf doors			
	without anti-panic function			
	Anti-panic function D, outwards			
	Left	454867	•	/each
	Right	454868	•	/each
	Left, stainless steel lock cover	454876	•	/each
	Right, stainless steel lock cover	454878	•	/each
	Anti-panic function D, inwards			
	Left, stainless steel lock cover	454352		/each
	Right, stainless steel lock cover	454353	•	/each
	Anti-panic function B, outwards			
	Left	449738	,	/each
0	Right	449739		/each
	Anti nania function B invavdo			
	Anti-panic function B, inwards	449758		/each
n 90)	Right	449759		/each
	Thight	449739		/eacii
	★ H6-2, H16-2, H16G-1 > BRH 2875 mm, H16G-2			
Ü	H_90D-1(G) > BRH 2875 mm, H_90F-2			
			Unit(s)	
	Lock with split spindle, prepared for PC, backset 65 mm			
	Traffic leaf of double-leaf doors with anti-panic function			
	Anti-panic function B, outwards			
	Left, stainless steel lock cover	454941	,	/each
	Right, stainless steel lock cover	454937	·	/each
	Anti-panic function D, outwards			
	Left, stainless steel lock cover	454461	,	/each
	Right, stainless steel lock cover	454462		/each
	✗ H6-2, H16-2, H16G-1 > BRH 2875 mm, H16G-2			
	H_90D-1(G) > BRH 2875 mm, H_90F-2			

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With anti-panic function, split spindle, backset 80

Article	Description	Art. no.	Quantity	€
			Unit(s)	
	Lock with split spindle, prepared for PC, backset 80 mm			
	Traffic leaf of double-leaf doors without anti-panic function			
	Anti-panic function D, outwards			
	Left, stainless steel lock cover	453936 •		/each
	Right, stainless steel lock cover	453937 •		/each
0	Anti-panic function B, outwards			
	Left, stainless steel lock cover	546209 🖫		/each
	Right, stainless steel lock cover	546210 🖫		/each
090	✓ H6-2, H16-2, H_60D-2, H_90D-2			
	Lock with split spindle, prepared for PC, backset 80 mm Anti-panic function B, outwards			
	Traffic leaf of double-leaf doors with anti-panic function			
	Left, stainless steel lock cover	453949 •		/each
	Right, stainless steel lock cover	453950 •		/each
	✓ H6-2, H16-2, H_60D-2, H_90D-2			

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With anti-panic function, continuous spindle (with lever / knob)

Article	Description	Art. no.	Quantity	€
	Lock, PC, backset 65 mm Single-leaf doors / traffic leaf of double-leaf doors without anti-panic function		Unit(s)	
	Anti-panic function E Left Right Left, stainless steel lock cover Right, stainless steel lock cover	454870 • 454871 • 454874 • 454875 •		/each /each /each
	Lock, PC, backset 80 mm Traffic leaf of double-leaf doors without anti-panic function		Unit(s)	
	Anti-panic function E Left, stainless steel lock cover Right, stainless steel lock cover ✓ H6, H16, H_60D, H_90D	453929 • 453930 •		/each /each
	Lock, PC, backset 65 mm Traffic leaf of double-leaf doors with anti-panic function		Unit(s)	
	Anti-panic function E Left Right ✓ H3D, H3 OD, H3, H16 OD, RS55, D45, D55, D65 OD H_30 OD, H_30B, H_30C, HBS	454938 • 454939 •		/each /each
	Lock, PC, backset 80 mm Traffic leaf of double-leaf doors with anti-panic function		Unit(s)	
	Anti-panic function E Left, stainless steel lock cover Right, stainless steel lock cover	453942 • 453944 •		/each /each
	✓ H6, H16, D65, H_60D, H_90D			

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With continuous lock cover (DS) RC 3-4

Article	Description	Art. no.	Quantity	€
			Unit(s)	
ا ا	Multiple-point locking with lever / knob, PC, backset 65 mm			
	Single-leaf doors / traffic leaf of double-leaf doors			
	With 2 secondary latches			
	Left-hand hinged – up to BRH 2000 mm	457514	•	/eac
	Left-hand hinged – up to BRH 2250 mm	457517	•	/eac
	Left-hand hinged – up to BRH 2500 mm	457519	•	/eac
	Right-hand hinged – up to BRH 2000 mm	457516		/eac
	Right-hand hinged – up to BRH 2250 mm	457518	•	/eacl
	Right-hand hinged – up to BRH 2500 mm	457520		/eac
	✓ E65 RC3, H3 RC3, H16-1 RC3			
	With 3 secondary latches			
Q .8°	Left-hand hinged – up to BRH 2000 mm	457521	•	/eacl
	Left-hand hinged – up to BRH 2250 mm	457524	•	/eacl
	Left-hand hinged – up to BRH 2500 mm	457526	•	/eac
	Right-hand hinged – up to BRH 2000 mm	457522	,	/eac
	Right-hand hinged – up to BRH 2250 mm	457525	•	/eacl
	Right-hand hinged – up to BRH 2500 mm	457527	•	/eacl
	✓ E65-1 RC4, H3-1 RC4, H3-2 VM RC3, H16-1 RC4			
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With anti-panic function B and continuous lock cover (DS)

Description	Art. no.	Quantity	€
		Unit(s)	
Multiple-point locking with split spindle, PC, backset 65 mm			
Single-leaf doors / traffic leaf of double-leaf doors			
Anti-panic function B, outwards with 2 secondary latches			
Left-hand hinged – up to BRH 2000 mm	478368		/each
Left-hand hinged – up to BRH 2250 mm	478370 🖫	ll	/each
Left-hand hinged – up to BRH 2500 mm		1	/each
Right-hand hinged – up to BRH 2000 mm	478369 🖫		/each
	l .	1	/each
Right-hand hinged – up to BRH 2500 mm	478373 🛭		/each
✓ E65 RC3, H3 RC3, H3-2 VM, H16-1 RC3			
Anti-panic function B, outwards with 3 secondary latches			
Left-hand hinged – up to BRH 2000 mm	478374 🕏		/each
Left-hand hinged – up to BRH 2250 mm	478376	l l	/each
Left-hand hinged – up to BRH 2500 mm			/each
Right-hand hinged – up to BRH 2000 mm	478375		/each
Right-hand hinged – up to BRH 2250 mm	478377	<u> </u>	/each
Right-hand hinged – up to BRH 2500 mm	l .	1	/each
✓ E65-1 RC4, H3-1 RC4, H16-1 RC4			
	Multiple-point locking with split spindle, PC, backset 65 mm Single-leaf doors / traffic leaf of double-leaf doors Anti-panic function B, outwards with 2 secondary latches Left-hand hinged – up to BRH 2000 mm Left-hand hinged – up to BRH 2250 mm Left-hand hinged – up to BRH 2500 mm Right-hand hinged – up to BRH 2000 mm Right-hand hinged – up to BRH 2250 mm Right-hand hinged – up to BRH 2500 mm ✓ E65 RC3, H3 RC3, H3-2 VM, H16-1 RC3 Anti-panic function B, outwards with 3 secondary latches Left-hand hinged – up to BRH 2000 mm Left-hand hinged – up to BRH 2250 mm Left-hand hinged – up to BRH 2500 mm Right-hand hinged – up to BRH 2500 mm Right-hand hinged – up to BRH 2250 mm Right-hand hinged – up to BRH 2250 mm Right-hand hinged – up to BRH 2250 mm	Multiple-point locking with split spindle, PC, backset 65 mm Single-leaf doors / traffic leaf of double-leaf doors Anti-panic function B, outwards with 2 secondary latches Left-hand hinged – up to BRH 2000 mm Left-hand hinged – up to BRH 2500 mm A78372 Right-hand hinged – up to BRH 2000 mm Right-hand hinged – up to BRH 2000 mm Right-hand hinged – up to BRH 2250 mm A78371 Right-hand hinged – up to BRH 2500 mm A78373 ✓ E65 RC3, H3 RC3, H3-2 VM, H16-1 RC3 Anti-panic function B, outwards with 3 secondary latches Left-hand hinged – up to BRH 2000 mm Left-hand hinged – up to BRH 2000 mm A78376 Anti-panic function B, outwards with 3 secondary latches Left-hand hinged – up to BRH 2000 mm A78378 Right-hand hinged – up to BRH 2500 mm A78378 Right-hand hinged – up to BRH 2000 mm A78377 Right-hand hinged – up to BRH 2000 mm A78377 Right-hand hinged – up to BRH 2500 mm A78377 Right-hand hinged – up to BRH 2500 mm A78379 A783	Multiple-point locking with split spindle, PC, backset 65 mm Unit(s) Anti-panic function B, outwards with 2 secondary latches 478368

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With anti-panic function D and continuous lock cover (DS)

Article	Description	Art. no.	Quantity	€
			Unit(s)	
ال	Multiple-point locking with split spindle, PC, backset 65 mm			
	Single-leaf doors / traffic leaf of double-leaf doors			
	Anti-panic function D, outwards with 2 secondary latches			
	Left-hand hinged – up to BRH 2000 mm	457544	3	/each
	Left-hand hinged – up to BRH 2250 mm	457546	3	/each
	Left-hand hinged – up to BRH 2500 mm	457548	3	/each
	Right-hand hinged – up to BRH 2000 mm	457545	,	/each
o .	Right-hand hinged – up to BRH 2250 mm	457547	,	/each
	Right-hand hinged – up to BRH 2500 mm	457549		/each
	€ E65 RC3, H3 RC3, H3-2 VM, H16-1 RC3			
	Anti-panic function D, outwards with 3 secondary latches			
6.80	Left-hand hinged – up to BRH 2000 mm	457550	3	/each
	Left-hand hinged – up to BRH 2250 mm	457552	3	/each
	Left-hand hinged – up to BRH 2500 mm	457554	3	/each
	Right-hand hinged – up to BRH 2000 mm	457551	,	/each
1	Right-hand hinged – up to BRH 2250 mm	457553	3	/each
	Right-hand hinged – up to BRH 2500 mm	457555	3	/each
	✓ E65-1 RC4, H3-1 RC4, H16-1 RC4			
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With anti-panic function E and continuous lock cover (DS)

Article	Description	Art. no.	Quantity	€
			Unit(s)	
	Multiple-point locking with lever/knob, PC, backset 65 mm			
	Single-leaf doors/traffic leaf of double-leaf doors			
	Anti-panic function E, outwards with 2 secondary latches			
	Left-hand hinged – up to BRH 2000 mm	457529	:	/each
	Left-hand hinged – up to BRH 2250 mm	457532	:	/each
	Left-hand hinged – up to BRH 2500 mm	457534		/each
	Right-hand hinged – up to BRH 2000 mm	457530		/eacl
	Right-hand hinged – up to BRH 2250 mm	457533		/each
	Right-hand hinged – up to BRH 2500 mm	457535		/each
	✓ E65 RC3, H3 RC3, H3-2 VM, H16-1 RC3			
	Anti-panic function E, outwards with 3 secondary latches			
680	Left-hand hinged – up to BRH 2000 mm	457536	:	/each
	Left-hand hinged – up to BRH 2250 mm	457538	:	/eacl
	Left-hand hinged – up to BRH 2500 mm	457541 🖫		/each
	Right-hand hinged – up to BRH 2000 mm	457537		/eacl
\.\.\.\.\.\.\.\.\.\.\.\.\.\.\.\.\.\.\.	Right-hand hinged – up to BRH 2250 mm	457539	:	/each
	Right-hand hinged – up to BRH 2500 mm	457542		308.00 /each
	✓ E65-1 RC4, H3-1 RC4, H16-1 RC4			
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With / without anti-panic function and with continuous lock cover (DS)

Article	Description	Art. no.	Quantity	€
			Unit(s)	
	Multiple-point locking with lever / knob, PC, backset 65 mm			
	Single-leaf doors / traffic leaf of double-leaf doors			
	With 2 secondary latches			
	Left-hand hinged	478317	·	/each
	Right-hand hinged	478318	·	/each
	✓ D55 thin rebate, D65 OD			
	Multiple-point locking with anti-panic function E, PC, backset 65 mm Single-leaf doors / traffic leaf of double-leaf doors			
	WELL OF THE LAND			
	With 2 secondary latches	470001		/ch
	Left-hand hinged Right-hand hinged	478321 • 478838 •	[/each /each
	Ingrit-riand minged	4/0000	´	/eaci
	✓ D55 thin rebate, D65 OD			
.60	Multiple-point locking with anti-panic function B, PC, backset 65 mm			
	Single-leaf doors/traffic leaf of double-leaf doors			
	With 2 secondary latches			
	Left-hand hinged	478844	,	/each
	Right-hand hinged	478845		/each
	✓ D55 thin rebate, D65 OD			
	Multiple-point locking with anti-panic function D, PC, backset 65 mm			
	Single-leaf doors / traffic leaf of double-leaf doors			
	With 2 secondary latches			
	Left-hand hinged	478323	,	/each
	Right-hand hinged	478839		/each
	✓ D55 thin rebate, D65 OD			
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Prepared for profile cylinder

Article	Description	Art. no.	Quantity	€
	Double cylinder lock, PC/PC, backset 60 mm/100 mm Single-leaf doors/traffic leaf of double-leaf doors without anti-panic function Left Right	449705 • 449706 •	Unit(s)	/each /each
	★ H6-2, H16-2, H16G-1, H16G-2 H_60D-2, H_90D-2, H_90D-1(G), H_90F-2			
	Double cylinder lock, anti-panic function E, PC/PC, backset 60 mm/100 mm Single-leaf doors/traffic leaf of double-leaf doors without anti-panic function		Unit(s)	
	Left Right	449701 • 449702 •		/each /each

	0	Order no.:	
	Customer no.:	Order no.:	
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	Place/date:		Stamp and signature

BKS 2120, BKS 2121 self-locking

Article	Description	Art. no.	Quantity	€
	Anti-panic lock with split spindle, PC, backset 65 mm Single-leaf doors / traffic leaf of double-leaf doors without anti-panic function		Unit(s)	
000	Anti-panic function B, outwards, BKS 2120, stainless steel lock cover Left	545624 \(\bar{\bar{\bar{\bar{\bar{\bar{\bar{		/each
9.	Anti-panic function B, inwards, BKS 2120, stainless steel lock cover			/each
•	Left Right	546174 \(\bar{2} \) 546175 \(\bar{2} \)		/each /each
	★ H6-2, H16-2, H16-2 OD, H16G-1, > BRH 2875 mm, H16G-2 H_90D-1(G) > BRH 2875 mm, H_90F-2			
0	Anti-panic lock with split spindle, PC, backset 65 mm Traffic leaf of double-leaf doors with anti-panic function		Unit(s)	
	Anti-panic function B, outwards, BKS 2121, stainless steel lock cover Left	454646 🖫		/each
0	Right ★ H6-2, H16-2, H16-2 OD, H16G-1, > BRH 2875 mm, H16G-2 H_90D-1(G) > BRH 2875 mm, H_90F-2	454647 🛣		/each
	Anti-panic lock with split spindle, PC, backset 80 mm Traffic leaf of double-leaf doors without anti-panic function		Unit(s)	
000	Anti-panic function B, outwards, BKS 2120, stainless steel lock cover Left Right	548317 \(\bar{z} \) 548318 \(\bar{z} \)		/each /each
	Anti-panic function B, inwards, BKS 2120, stainless steel lock cover Left Right	548319 548320		(C)
	✔ H6, H16, H_60D, H_90D			

	Customer no.:	Order no.:	
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	Place / date:		Stamp and signature

SVP 2xxx, 4xxx, 5xxx, 6xxx self-locking

Article	Description	Art. no.	Quantity	€
			Unit(s)	
	Anti-panic lock with lever / knob, PC, backset 65 mm			
	Single-leaf doors / traffic leaf of double-leaf doors without anti-panic			
	function			
•	Dorma SVP 2xxx, stainless steel lock cover			
0	Left / right 2277 / 2278	537640 •		/each
	Dorma SVP 4xxx, stainless steel lock cover	500.454		, ,
n .90)	Left/right 4277/4278	503451 •		/each
	Left/right 4277/4278, Next Generation	503451 •		/each
	Dorma SVP 5xxx, stainless steel lock cover			
	Left / right 5277 / 5278	503452 •		/each
	Left/right 5277/5278, Next Generation	503452 •		/each
	✓ H3D, H3, H3 OD, H6-1, H16-1, H16 OD RS55, E45, E55, HS75,			
	D45, D55, D65, D65 OD			
			Unit(s)	
	Anti-panic lock with split spindle, PC, backset 65 mm			
	Single-leaf doors / traffic leaf of double-leaf doors			
0	without anti-panic function			
ا م م	Dayman SVD Supre static assurant 40 04 V			
	Dorma SVP 6xxx static current 12-24 V, stainless steel lock cover			
n .90)	SVP 6275/6278 right outwards, left inwards	503453 🖫		/each
	SVP 6276/6277 left outwards, right inwards	503454		/each
	ovi seror serri on sannaras, rigin invalas			700011
-	✓ H3D, H3, H6-1, H16-1, RS55, E45, E55, HS75, D45, D55, D65 H3OD, H16 OD, D65 OD			

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BKS 2126, BKS 2129 self-locking

Article	Description	Art. no.	Quantity	€
	Anti-panic lock with lever/knob, PC, backset 65 mm Single-leaf doors/traffic leaf of double-leaf doors without anti-panic function Anti-panic function B, BKS 2126, stainless steel lock cover		Unit(s)	
() ()	Left Right ✓ H3D, H3, H6-1, H16-1, RS55, E45, E55, HS75, D45, D55, D65 H3 OD, H16 OD, D65 OD	453810 • 453812 •		/each /each
	Anti-panic lock with lever / knob, PC, backset 65 mm Traffic leaf of double-leaf doors with anti-panic function Anti-panic function B, BKS 2129, stainless steel lock cover		Unit(s)	
90	Left Right ✓ H3D, H3, RS55, D45, D55 H3 OD, H16 OD, D65 OD	454642		/each /each
	Anti-panic lock with lever / knob, PC, backset 80 mm Traffic leaf of double-leaf doors without anti-panic function Anti-panic function B, BKS 2126, stainless steel lock cover	510157 5	Unit(s)	, .
	Left Right ✓ H6, H16	548157 \$\frac{5}{2}\$		/each /each
	Anti-panic lock with lever / knob, PC, backset 80 mm Traffic leaf of double-leaf doors with anti-panic function Anti-panic function B, BKS 2129, stainless steel lock cover		Unit(s)	
0 000	Left Right ✓ H6, H16, D65	548364 2 548365 2		/each /each

	Customer no.:	Order no.:	
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	Place / date:		Stamp and signature

2. Fixed Leaf Locking Panic espagnolette lock

Article	Description	Art. no.	Quantity	€
	Panic espagnolette lock, backset 65 mm, stainless steel lock cover		Unit(s)	
	Fixed leaf of double-leaf doors with anti-panic function Left Right Left, in conjunction with electric strike Right, in conjunction with electric strike V H3D, H3, RS55, D45, D55, H_30B, H_30C, HBS	449736 • 449737 • 453355 • 453356 •		/each /each /each
	Panic espagnolette lock, backset 80 mm Fixed leaf of double-leaf doors with anti-panic function Left Right ✓ H6, H16, H16 OD, D65, D65 OD, H_60D, H_90D	478864 • 478865 •		/each
	Self-locking panic espagnolette lock Fixed leaf of double-leaf doors with anti-panic function SVP		Unit(s)	
	Backset 65 mm, stainless steel lock cover, BKS 2190 Left Right ✓ H3D, H3, H3 OD, RS55, D45, D55, D65 OD, H_30B, H30C, HBS	454644 \(\frac{5}{2} \)		/each
0 0	Backset 80 mm, stainless steel lock cover, BKS 2190 Left Right	548366 \$\bar{z}\$		/each
	✓ H6, H16, H3 OD, D65, D65 OD			

	Customer no.:	Order no.:		
ER	Customer name:			
RD	Shipping address:			
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	Place / date:		Stamp and signature	

2. Fixed Leaf Locking Rebate locking bolt / latch in rebate

Article	Description	Art. no.	Quantity	€
	Rebate espagnolette lock, stainless steel lock cover (without linkage)		Unit(s)	
	Fixed leaf of double-leaf doors Secured, backset 25 H3D, H3, H3 OD, RS55, H_30B, H_30C, HBS	454951 •		/each
	Secured, backset 45	500588 •		/each
0	 ✓ H6, H16, H16 OD, H16G, H_60D, H_90D Secured, backset 40 ✓ H3-2 VM, H_30 VM 	500679 •		/each
	Latch in rebate (without linkage) Fixed leaf of double-leaf doors Secured ✓ D45, D55, E45, E65 RC3	454952 •	Unit(s)	/each
	Latch in rebate (without linkage) Fixed leaf of double-leaf doors Secured ✓ D65, D65 OD	547966 •	Unit(s)	/each

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	Place / date:		Stamp and signature

2. Fixed Leaf Locking

Article	Description	Art. no.	Quantity	€
	Linkage		Unit(s)	
	For double-leaf doors with rebate locking bolt			
	Top – BRH Door type Bottom – BRH Door type			()
	For double-leaf doors with latch in rebate			
	Top – BRH Door type			
	Bottom – BRH Door type			$\langle \mathcal{E} \rangle$
	Switch latch lock cover, angular		Unit(s)	
	Fixed leaf of double-leaf doors			
	Dual handed	454949 •		/each
	✓ H3D, H3, H3 OD, RS55, H3G			
			Unit(s)	
	Snap latch lock Fixed leaf of double-leaf doors with hinged door operator			
	Dual handed	454950 •		/each
	✓ H3D, H3, H3 OD, H6, H16, H16 OD, RS55			
			Unit(s)	
	Switch latch lock cover, rounded			
	Fixed leaf of double-leaf doors			
	Dual handed	549672 •		/each
	✓ H3-2 OD, H6, H16, H16 OD, H16G, D65, D65 OD H_60D			
			Unit(s)	
	Switch latch lock cover, rounded			
	Fixed leaf of double-leaf doors with hinged door operator			
	Dual handed	500681 •		/each
	✓ H6, H16, H16 OD, H16G, D65, D65 OD H_60D			

Customer no.:	Order no.:	
Customer name:		
Shipping address:		
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Place / date:		Stamp and signature
	Customer name:	Customer name: Shipping address:

2. Fixed Leaf Locking

	Art. no.	Quantity	€
✔ H3D, H3, H3 OD, H3 VM, RS55, D45, D55, H_30B, H_30C, HBS	453350 • 453841 •	Unit(s)	/each

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Article	Description	Art. no.	Quantity	€
	FS lever handle set D 110 With short escutcheon, deadlock/PC, plastic PPN Black Standard handle set for sheet steel multi-function doors HBS	545970 •	Unit(s)	/each
	FS lever handle set D 110 With short escutcheon, PC, plastic PA Black Red White Dark blue Dark grey With rose escutcheon, PC, plastic PA Black Red White Dark blue Dark blue Dark grey	498165 • 534781 \$ 534803 • 545656 \$ 545657 \$ 544353 • 544361 \$ 544388 • 545658 \$ 545659 \$		/each /each /each /each /each /each /each /each
	Sheet steel multi-function doors TS 45 – 65 mm HBS FS lever handle set D 110 With short escutcheon, PC Aluminium F1 Stainless steel	535397 • 535303 •	Unit(s)	/each /each
	With rose escutcheon, PC Aluminium F1 Stainless steel ✓ Sheet steel multi-function doors TS 45 – 65 mm	535346 • 454584 •		/each /each

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	Customer no.:	Order no.:	
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	Place/date:		Stamp and signature

Article	Description	Art. no.	Quantity	€
	FS lever handle set D 110, PC/PC		Unit(s)	
	With short escutcheon Stainless steel ✓ H3D, H3, H6, H16, RS55, D45, D55, D65, H_30B, H_30C	454914 •		/each
	Building site lever handle set D 110 Black (PPN) ✓ Sheet steel multi-function doors TS 45 – 65 mm	449968 •	Unit(s)	/each

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D 210 / D 310 / D 330

Article	Description	Art. no.	Quantity	€
	FS lever handle set D 210 With short escutcheon, PC Aluminium F1 Stainless steel	545707 \\ \S 545721 \\ \S	Unit(s)	/each /each
	With rose escutcheon, PC Aluminium F1 Stainless steel ✓ Sheet steel multi-function doors TS 45-65 mm	545714 \\2 545727 \\2		/each /each
	FS lever handle set D 310 With short escutcheon, PC Aluminium F1 Stainless steel	545709 • 545722 •	Unit(s)	/each /each
	With rose escutcheon, PC Aluminium F1 Stainless steel ✓ Sheet steel multi-function doors TS 45 – 65 mm	545715 • 545728 •		/each /each
	FS lever handle set D 330 With short escutcheon, PC Aluminium F1 Stainless steel	549071 \(\bar{2} \) 549095 •	Unit(s)	/each /each
	With rose escutcheon, PC Aluminium F1 Stainless steel ✓ Sheet steel multi-function doors TS 45 – 65 mm	549075 울 549099 울		/each /each

	Customer no.:	Order no.:	
ER	Customer name:		
RD	Shipping address:		
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	Place / date:		Stamp and signature

3. Lever Handle Sets D 410 / D 510

Article	Description	Art. no.	Quantity	€
	FS lever handle set D 410 With short escutcheon, PC Aluminium F1 Stainless steel	549079 \(\bigz \) 549103 \(\bigz \)	Unit(s)	/each
	With rose escutcheon, PC Aluminium F1 Stainless steel ✓ Sheet steel multi-function doors TS 45 – 65 mm	549083 \(\bar{\bar{\bar{\bar{\bar{\bar{\bar{		/each /each
	FS lever handle set D 510 With short escutcheon, PC Aluminium F1 Stainless steel	549087 \(\Square \) 549111 \(\Square \)	Unit(s)	/each /each
	With rose escutcheon, PC Aluminium F1 Stainless steel ✓ Sheet steel multi-function doors TS 45 – 65 mm	549091 \(\Square \) 549115 \(\Square \)		/each

	Customer no.:	Order no.:	
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ER	Customer name:		
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	Shipping address:		
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	Place/date:		Stamp and signature

Gearbox for snap latches

Article	Description	Art. no.	Quantity	€
			Unit(s)	
	Gearbox for snap latches			
	Not lockable			
	Black	546217 •		/each
	Aluminium	546218 •		/each
	Stainless steel	546219 •		/each
	✓ H3, D55, D65 OD			
			Unit(s)	
	Gearbox for snap latches			
	Lockable, prepared for profile cylinder			
	Black	546220 •		/each
	Aluminium	546221 🖫		/each
	Stainless steel	546222 🖫		/each
	✓ H3, D55, D65 OD			

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	Customer no.:	Order no.:	
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RD	Shipping address:		
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	Place/date:		Stamp and signature

ES 1/ES 2/ES 3

Article	Description	Art. no.	Quantity	€
			Unit(s)	
	FS lever handle set D 110, PC			
R	With short escutcheon ES 1			
	Aluminium F1	449880 •		/each
	Stainless steel	449884 •		/each
	✓ Si doors RC2			
	With long escutcheon ES 2			
	Aluminium F1	449888 •		/each
	Stainless steel	449892 •		/each
	✓ Si doors RC3			
	With long escutcheon ES 3			
	Aluminium F1	449896 •		/each
	Stainless steel	449900 •		/each
	✓ Si doors RC4			
			Unit(s)	
	FS lever handle set D 110, PC (counter-fitting as a blind escutcheon)			
	With short escutcheon ES 1			
	Aluminium F1	449882 •		/each
	Stainless steel	449886 •		/each
	✓ Si doors RC2			
	With long escutcheon ES 2			
	Aluminium F1	449890 •		/each
	Stainless steel	449894 •		/each
	✓ Si doors RC3			
	WELL TO S			
	With long escutcheon ES 3 Aluminium F1	440000		/aa-h
	Stainless steel	449898 • 449902 •		/each /each
	Otali 1000 Stool	440002		/eacii
	✓ Si doors RC4			

RDER	Customer name:	Order no.:	
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D 110/D 310/D 330/D 410/D 510 with ball-bearing

Article	Description	Art. no.	Quantity	€
	FS lever handle set D 110 with ball-bearing With rose escutcheon, PC Stainless steel ✓ Sheet steel multi-function doors TS 45−65 mm	479588 •	Unit(s)	/each
	FS lever handle set D 310 with ball-bearing With rose escutcheon, PC Stainless steel ✓ Sheet steel multi-function doors TS 45−65 mm	479589 •	Unit(s)	/each
	FS lever handle set D 330 with ball-bearing With rose escutcheon, PC Stainless steel ✓ Sheet steel multi-function doors TS 45−65 mm	479590 •	Unit(s)	/each
	FS lever handle set D 410 with ball-bearing With rose escutcheon, PC Stainless steel ✓ Sheet steel multi-function doors TS 45−65 mm	545111 🏖	Unit(s)	/each
	FS lever handle set D 510 with ball-bearing With rose escutcheon, PC Stainless steel ✓ Sheet steel multi-function doors TS 45−65 mm	545111 🏖	Unit(s)	/each

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	Place / date:		Stamp and signature	

D 110

Article	Description	Art. no.	Quantity	€
			Unit(s)	
	FS lever / knob handle set D 110			
	With short escutcheon, PC, plastic PA			
	Black	454685 •		/each
	Red	454686		/each
	White	454688 •		/each
	Dark blue	545662 🖫		/each
· ·	Dark grey	545664 🖫		/each
	With rose escutcheon, PC, plastic PA			
	Black	454744 •		/each
	Red	454746 🕏		/each
	White	454748 🕏		/each
	Dark blue	545666 🖫		/each
	Dark grey	545668 🖫		/each
	✓ Sheet steel multi-function doors TS 45 – 65 mm			
	X HBS			
			Unit(s)	
	FS lever / knob handle set D 110			
	With short escutcheon, PC			
	Aluminium F1	454691 •		/each
	Stainless steel	454690 •		/each
	With rose escutcheon, PC			
	Aluminium F1	454743 •		/each
	Stainless steel	454742 •		/each
	✓ Sheet steel multi-function doors TS 45 – 65 mm			
	Sheet steel multi-function doors 13 45 – 65 min			
			Unit(s)	
	FS lever / knob handle set D 110		OTTIL(S)	
	With short escutcheon PC / PC, stainless steel			
	Left	454917 •		/each
	Right	454918 •		/each
	✓ Sheet steel multi-function doors TS 45 – 65 mm			
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	Place / date:		Stamp and signature

D 110 with knob K 160

Article	Description	Art. no.	Quantity	€
			Unit(s)	
_	FS lever / knob handle set D 110 with offset knob			
	With short escutcheon, PC			
	Aluminium F1	478554 •		/each
	Stainless steel	478553 •		/each
	With rose escutcheon, PC			
	Aluminium F1	478556 •		/each
	Stainless steel	478555 •		/each
	✓ D65-2 elements without anti-panic function			
			Unit(s)	
	FS lever / knob handle set D 210 / D 310 / D 330 / D 410 / D 510 1)			
	With short escutcheon, PC			
	Aluminium F1 Model Door type	545113		
	Stainless steel Model Door type	545113		
	With rose escutcheon, PC			
	Aluminium F1 Model Door type	545113		
	Stainless steel Model Door type	545113		
	✓ D65-2 elements without anti-panic function			

¹⁾ When ordering, be sure to specify lever handle model and door type!

RDER	Customer no.: Customer name: Shipping address:	Order no.:	
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	Place / date:		Stamp and signature

D 210/D 310/D 330

Description	Art. no.	Quantity	€
		Unit(s)	
FS lever / knob handle set D 210			
With short escutcheon, PC			
Aluminium F1	545710 🖫		/each
Stainless steel	545710 \$		/each
Otali liess steel	040720 🝙		/Cacii
With rose escutcheon, PC			, .
Aluminium F1	545717 🙎		/each
Stainless steel	545729 🙎		/each
✓ Sheet steel multi-function doors TS 45 – 65 mm			
		Unit(s)	
FS lever / knob handle set D 310			
With short escutcheon, PC	- 45-744 A		, ,
Aluminium F1	545711 🙎		/each
Stainless steel	545724 •		/each
With rose escutcheon, PC			
Aluminium F1	545718 🙎		/each
Stainless steel	545730 🖫		/each
✓ Sheet steel multi-function doors TS 45 – 65 mm			
Sheet steel multi-function doors 13 45 - 03 min			
		Unit(s)	
FS lever / knob handle set D 330		0(0)	
With short escutcheon, PC			, .
Aluminium F1	549072 🖫		/each
Stainless steel	549096 🖫		/each
With rose escutcheon, PC			
Aluminium F1	549076 •		/each
Stainless steel	549100 🙎		/each
✓ Sheet steel multi-function doors TS 45 – 65 mm			
Sheet steet mate terrores agone to to to thirt			

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4. Lever / Knob Handle Sets D 410 / D 510

FS lever / knob handle set D 410 With short escutcheon, PC Aluminium F1 Stainless steel Unit(s) 549080 \$\frac{2}{5}\$ 549104 \$\frac{2}{5}\$	/each /each
With short escutcheon, PC Aluminium F1 549080 \(\bar{\gamma} \)	
Aluminium F1 549080 🖫	
Stainless steel 549104 🕏	/each
With rose escutcheon, PC	
Aluminium F1 549084 💈	/each
Stainless steel 549108 •	/each
✓ Sheet steel multi-function doors TS 45 – 65 mm	
Unit(s)	
FS lever / knob handle set D 510	
With short escutcheon, PC	
Aluminium F1 549088 💈	/each
Stainless steel 549112 🖫	/each
With rose escutcheon, PC	
Aluminium F1 549092 🖫	/each
Stainless steel 549116 🖫	166.00 /each
✓ Sheet steel multi-function doors TS 45 – 65 mm	

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	Customer no.:	Order no.:	
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	Place / date:		Stamp and signature

ES 1/ES 2/ES 3

Article	Description	Art. no.	Quantity	€
			Unit(s)	
	FS lever / knob handle set D 110 PC			
	With short escutcheon ES 1			
	Aluminium F1	454730 •		/each
	Stainless steel	454731 •		/each
	✓ Si doors RC2			
	With long escutcheon ES 2			
	Aluminium F1	449889 •		/each
	Stainless steel	449893 •		/each
	✓ Si doors RC3			
	With long escutcheon ES 3			
	Aluminium F1	449897 •		/each
	Stainless steel	449901 •		/each
	✓ Si doors RC4			

	Customer no.:	Order no.:	
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	Shipping address:		
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	Place/date:		Stamp and signature

D 110, D 310, D 410, D 510 with offset knob with ball-bearing

Article	Description	Art. no.	Quantity	€
	FS lever / knob handle set with offset knob K 116 with ball-		Unit(s)	
	bearing			
	With rose escutcheon, PC			
	D 110, Stainless steel	545113 🖫		/each
	D 310, D 330, D 410, D 510, Stainless steel	545113 🛭		/each
	✓ Sheet steel multi-function doors TS 45 – 65 mm			
			Unit(s)	
	FS lever / knob handle set with offset knob K 135 with ball-bearing			
	With rose escutcheon, PC			
	D 110, Stainless steel, left	479593 •		/each
	D 110, Stainless steel, right	479594 •		/each
	D 310, D 410, D 510, Stainless steel	545113 🖫		/each
	D 330, Stainless steel, left	479595 •		/each
	D 330, Stainless steel, right	479596 •		/each
	✓ Sheet steel multi-function doors TS 45 – 65 mm			
	FS lever / knob handle set with offset knob K 160 with ball-		Unit(s)	
	bearing			
	With rose escutcheon, PC			
	D 110, Stainless steel	545113 🚡		/each
	D 310, D 330, D 410, D 510, Stainless steel	545113 🖫		/each
	✓ Sheet steel multi-function doors TS 45 – 65 mm			
			Unit(s)	
	FS lever / knob handle set with offset knob K 165 with ball-bearing			
	With rose escutcheon, PC			
	D 110, Stainless steel	545113 🖫		/each
	D 310, D 330, D 410, D 510, Stainless steel	545113 🛣		/each
	✓ Sheet steel multi-function doors TS 45 – 65 mm			
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Note: Figure only with handle set ${\bf D}$ 110

	Customer no.:	Order no.:				
ER	Customer name:					
RD	Shipping address:					
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	Place/date:			Stamp and signature		

5. Anti-Panic Handle Sets D 110

Article	Description	Art. no.	Quantity	€
			Unit(s)	
	FS panic handle set D 110			
	With short escutcheon, PC, plastic PA			
	Black	454692 •		/each
	Red	454693 🖫		/each
	White	454695		/each
	Dark blue	545670 🕏		/each
	Dark grey	545672 🖁		/each
	With rose escutcheon, PC, plastic PA			
	Black	454736 •		/each
	Red	454738 🕏		/each
	White	454740 •		/each
	Dark blue	545674 \(\bigze{z} \) 545676 \(\bigze{z} \)		/each
	Dark grey	545676		/each
	✓ Sheet steel multi-function doors TS 45 – 65 mm			
			Unit(s)	
	FS anti-panic handle set D 110			
$\langle \langle \rangle$	With short escutcheon, PC			
	Aluminium F1	454698 •		/each
	Stainless steel	454700 •		/each
	With rose escutcheon, PC			
	Aluminium F1	454735 •		/each
$\langle \langle \rangle$	Stainless steel	454734 •		/each
	✓ Sheet steel multi-function doors TS 45 – 65 mm			
	V Sheet steel multi-fullotion doors 13 45 - 05 min			

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5. Anti-Panic Handle Sets

D 330 / D 410 / D 510

Article	Description	Art. no.	Quantity	€
	FS anti-panic handle set D 330		Unit(s)	
	With short escutcheon, PC Aluminium F1 Stainless steel	549073 \(\bigzee \) 549097 •		/each
	With rose escutcheon, PC Aluminium F1 Stainless steel	549077 \(\bar{2} \) 549101 \(\bar{2} \)		/each /each
	✓ Sheet steel multi-function doors TS 45 – 65 mm			
	FS anti-panic handle set D 410		Unit(s)	
	With short escutcheon, PC Aluminium F1 Stainless steel	549081 \(\bar{z} \) 549105 \(\bar{z} \)		/each /each
	With rose escutcheon, PC Aluminium F1 Stainless steel ✓ Sheet steel multi-function doors TS 45 – 65 mm	549085 \(\hat{\Z} \) 549109 \(\hat{\Z} \)		/each /each
			Unit(s)	
	FS anti-panic handle set D 510 ¹) With short escutcheon, PC Aluminium F1 Stainless steel	549089 울 549113 울		/each /each
	With rose escutcheon, PC Aluminium F1 Stainless steel ✓ Sheet steel multi-function doors TS 45 – 65 mm	549093 \\ \S \\ 549117 \\ \S \\		/each /each

¹⁾ The geometry of the lever handle does not permit an arrangement in accordance with DIN EN 179.

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	Place/date:		Stamp and signature	

5. Anti-Panic Handle Sets

ES 1/ES 2/ES 3

Description	Art. no.	Quantity	€
		Unit(s)	
FS panic handle set D 110 PC			
With short escutcheon ES 1			
Aluminium F1	454732 •		/each
Stainless steel	454733 •		/each
✓ Si doors RC2			
With long escutcheon ES 2			
Aluminium F1	449891 •		/each
Stainless steel	449895 •		/each
✓ Si doors RC3			
With long escutcheo ES 3			
Aluminium F1	•		
Stainless steel	•		$leve{C}$
✓ Si doors RC4			
	FS panic handle set D 110 PC With short escutcheon ES 1 Aluminium F1 Stainless steel Si doors RC2 With long escutcheon ES 2 Aluminium F1 Stainless steel Si doors RC3 With long escutcheo ES 3 Aluminium F1 Stainless steel	FS panic handle set D 110 PC With short escutcheon ES 1 Aluminium F1 Stainless steel Si doors RC2 With long escutcheon ES 2 Aluminium F1 Stainless steel Si doors RC3 With long escutcheo ES 3 Aluminium F1 Stainless steel With long escutcheo ES 3 Aluminium F1 Stainless steel	FS panic handle set D 110 PC With short escutcheon ES 1 Aluminium F1 Stainless steel Si doors RC2 With long escutcheon ES 2 Aluminium F1 Stainless steel Stainless steel Si doors RC3 With long escutcheo ES 3 Aluminium F1 Stainless steel With long escutcheo ES 3 Aluminium F1 Stainless steel

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5. Anti-Panic Handle Sets

D 110 / D 310 / D 330 / D 410 / D 510 with ball-bearing

Article	Description	Art. no.	Quantity	€
	FS panic handle set D 110 with ball-bearing With rose escutcheon, PC		Unit(s)	
	Stainless steel ✓ Sheet steel multi-function doors TS 45 – 65 mm	479591 •		/each
	FS panic handle set D 310 with ball-bearing 1)		Unit(s)	
	With rose escutcheon, PC Stainless steel	545114 🙎		
	✓ Sheet steel multi-function doors TS 45 – 65 mm		Unit(s)	
	FS panic handle set D 330 with ball-bearing ¹⁾ With rose escutcheon, PC Stainless steel	479592 •		/each
	✓ Sheet steel multi-function doors TS 45 – 65 mm	11 0002		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	FS panic handle set D 410 with ball-bearing		Unit(s)	
	With rose escutcheon, PC Stainless steel ✓ Sheet steel multi-function doors TS 45 – 65 mm	545114 💈		/each
	FS panic handle set D 510 with ball-bearing		Unit(s)	
	With rose escutcheon, PC Stainless steel	545114 🛣		
	✓ Sheet steel multi-function doors TS 45-65 mm			

¹⁾ The geometry of the lever handle does not permit an arrangement in accordance with DIN EN 179.

	Customer no.:	Order no.:		
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	Shipping address:			
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	Place/date:		Stamp and signature	

D 110

Article	Description	Art. no.	Quantity	€
			Unit(s)	
_	FS half handle set D 110			
R	With short escutcheon, plastic PA, blind			
	Black	454075 •		/each
\mathcal{I}	Red	454078		/each
	White	454080 🛣		/each
	Dark blue	545683		/each
	Dark grey	545685		/each
	With rose escutcheon, plastic PA, blind			
	Black	454083 •		/each
	Red	454086		/each
	White	454088		/each
	Dark blue	545696		/each
	Dark grey	545698		/each
	With short escutcheon, plastic PA, PC			
Q	Black	454061 •		/each
	Red	454064 🖁		/each
\sim	White	454065 •		/each
9	Dark blue	545682 🛣		/each
	Dark grey	545684 🖫		/each
	With rose escutcheon, plastic PA, PC			
	Black	454068 •		/each
	Red	454071 🞖		/each
$(\langle \langle \rangle \rangle_{c})$	White	454072 •		/each
	Dark blue	545695 🖁		/each
	Dark grey	545697 🖁		/each
	✓ Sheet steel multi-function doors TS 45 – 65 mm ✓ HBS			

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D 110/D 210

Article	Description	Art. no.	Quantity	€
_			Unit(s)	
$(\langle \langle \rangle)$	FS half handle set D 110			
	With short assurations blind			
	With short escutcheon, blind Aluminium F1	454081 •		/each
	Stainless steel	454082 •		/each
	Stair 11000 Stool	101002		700011
(< @	With rose escutcheon, blind			
	Aluminium F1	454089 •		/each
	Stainless steel	454090 •		/each
	With short escutcheon, PC			
	Aluminium F1	454066 •		/each
9	Stainless steel	454067 •		/each
Q	With rose escutcheon, PC			
	Aluminium F1	454073 •		/each
	Stainless steel	454074 •		/each
	✓ Sheet steel multi-function doors TS 45 – 65 mm			
	▼ Sheet steel multi-function doors to 45 = 00 min			
			Unit(s)	
	FS half handle set D 210		01111(0)	
	With short escutcheon, blind			
	Aluminium F1	545688 🖫		/each
	Stainless steel	545692 🖫		/each
_				
	With rose escutcheon, blind			
	Aluminium F1	545700 🖫		/each
	Stainless steel	545704 🛣		/each
	With short escutcheon, PC	- 4007 ⊜		11
90	Aluminium F1 Stainless steel	545687 \(\bar{z} \) 545691 \(\bar{z} \)		/each /each
	Stall liess steel	343091		/each
	With rose escutcheon, PC			
	Aluminium F1	545699 🖫		/each
	Stainless steel	545703 🖫		/each
		0.0,00		, 00011
	✓ Sheet steel multi-function doors TS 45 – 65 mm			

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D 310/D 330

Article	Description	Art. no.	Quantity	€
			Unit(s)	
	FS half handle set D 310			
	With short escutcheon, blind			
	Aluminium F1	545690 🕏		/each
	Stainless steel	545694		/each
_		0.0001		700011
	With rose escutcheon, blind			
	Aluminium F1	545702 🕏		/each
	Stainless steel	545706 🖫		/each
	With short assutation DC			
	With short escutcheon, PC Aluminium F1	545689 🖫		/each
90	Stainless steel	545693		/each
	Otali 1033 Steel	0-0000		704011
•				
\wedge	With rose escutcheon, PC			
	Aluminium F1	545701 🕏		/each
	Stainless steel	545705		/each
•	✓ For sheet steel multi-function doors TS 45 – 65 mm			
			Unit(s)	
	FS half handle set D 330			
	With short escutcheon, blind			
	Aluminium F1	549155		/each
	Stainless steel	549161 🖁		/each
$\langle \langle \rangle \rangle$	With rose escutcheon, blind			
	Aluminium F1	549156 🕏		/each
	Stainless steel	549162 🖫		/each
	With short escutcheon, PC			
	Aluminium F1	549074 🕏		/each
	Stainless steel	549098 🕏		/each
	With rose escutcheon, PC			
	Aluminium F1	549078		/each
	Stainless steel	549102 🖁		/each
	✓ For sheet steel multi-function doors TS 45 – 65 mm			

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D 410	/ D 510)		

Article	Description	Art. no.	Quantity	€
			Unit(s)	_
	FS half handle set D 410			
	Men I I I I I I I I I I I I I I I I I I I			
	With short escutcheon, blind Aluminium F1			/I-
	Stainless steel	549157 \$\bigs_549163 \$\bigs_549163\$		/each /each
	Stairliess steer	549103 🝙		/eacn
	With rose escutcheon, blind			
	Aluminium F1	549158 🖁		/each
	Stainless steel	549164 🛭		/each
8	West of the Bo			
	With short escutcheon, PC Aluminium F1	549082 🖫		laach
	Stainless steel	549082 \$		/each /each
	Stall liess steel	349100 🝙		/eacii
0 -	With rose escutcheon, PC			
	Aluminium F1	549086		/each
	Stainless steel	549110 🖫		/each
	✓ Sheet steel multi-function doors TS 45 – 65 mm			
	V Griedt Steel Maith fairetion doors 10 40 00 mm			
			Unit(s)	
	FS half handle set D 510			
	With short escutcheon, blind	E404E0 \$		/I-
	Aluminium F1	549159 \$\bar{z}\$ 549165 \$\bar{z}\$		/each
•	Stainless steel	549165 🗟		/each
^ ^				
	With rose escutcheon, blind			
	Aluminium F1	549160 🖫		/each
	Stainless steel	549166 🖫		/each
	With short escutcheon, PC			
®	Aluminium F1	549090 🖫		/each
	Stainless steel	549114 🖫		/each
~	West Do			
	With rose escutcheon, PC	E40004 ©		11
	Aluminium F1 Stainless steel	549094 \(\bar{z} \) 549118 \(\bar{z} \)		/each /each
	Julii iiess steel)49110 a		/еасп
	✓ Sheet steel multi-function doors TS 45-65 mm			

	Customer no.:	Order no.:	
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D 110/D 310/D330/D 410/D 510 with ball-bearing

Article	Description	Art. no.	Quantity	€
	50. 10. 10. 10.10. 11. 11.		Unit(s)	
R	FS half handle set D 110 with ball-bearing			
	With short escutcheon, PC	- A		/I-
	Stainless steel	545111 🖫		/each
	✓ Sheet steel multi-function doors TS 45 – 65 mm			
	FC half handle and D 240 with hall having		Unit(s)	
	FS half handle set D 310 with ball-bearing			
	With short escutcheon, PC			
	Stainless steel	545111 🖫		/each
	✓ Sheet steel multi-function doors TS 45 – 65 mm			
			Unit(s)	
	FS half handle set D 330 with ball-bearing			
	With short escutcheon, PC			
	Stainless steel	545111 🖫		/each
	✓ Sheet steel multi-function doors TS 45 – 65 mm			
			Unit(s)	
	FS half handle set D 410 with ball-bearing			
	With short escutcheon, PC			
	Stainless steel	545111 🖫		/each
	✓ Sheet steel multi-function doors TS 45 – 65 mm			
			Unit(s)	
^ <u>~</u>	FS half handle set D 510 with ball-bearing			
	With short escutcheon, PC			
	Stainless steel	545111 🖁		/each
	✓ Sheet steel multi-function doors TS 45 – 65 mm			

	Customer no.:	Order no.:	
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	Place / date:		Stamp and signature

With lever handle D 110

Article	Description	Art. no.	Quantity	€
			Unit(s)	
	Bar with lever handle D 110			
	Single-leaf doors/traffic leaf of double-leaf doors			
	With short escutcheon, PC - TS 45			
	Black plastic version	454511 •		/each
	Aluminium version, F1	454519 •		/each
	Brushed stainless steel version	454527 •		/each
	SI stainless steel version, brushed ES 1 1)	478347		/each
	Sheet steel multi-function doors TS 45 mm			
	With short escutcheon, PC - TS 55			
	Black plastic version	454512 •		/each
, 🕥	Aluminium version, F1	454520 •		/each
	Brushed stainless steel version	454528 •		/each
	SI stainless steel version, brushed ES 1 1)	478347		/each
	Sheet steel multi-function doors TS 55 mm			
	With short escutcheon, PC - TS 65 - 78			
	Black plastic version	454513 •		/each
	Aluminium version, F1	454521 •		/each
	Brushed stainless steel version	454529 •		/each
	SI stainless steel version, brushed ES 1 1)	478347		/each
	✓ Sheet steel multi-function doors TS 65 mm			

¹⁾ Can be used in security doors up to RC2

	Customer no.:	Order no.:	
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	Shipping address:		
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	Place / date:		Stamp and signature

With knob

Article	Description	Art. no.	Quantity	€
			Unit(s)	
	Bar with knob			
	Single-leaf doors/traffic leaf of double-leaf doors			
	With short escutcheon, PC - TS 45			
	Black plastic version	454514 •		/each
	Aluminium version, F1	454522 •		/each
	Brushed stainless steel version	454530 •		/each
	SI stainless steel version, brushed ES 1 1)	478346 🖫		/each
	✓ Sheet steel multi-function doors TS 45 mm			
	With short escutcheon, PC - TS 55			
	Black plastic version	454515 •		/each
	Aluminium version, F1	454523 •		/each
	Brushed stainless steel version	454531 •		/each
	SI stainless steel version, brushed ES 1 1)	478346 🖺		/each
	✓ Sheet steel multi-function doors TS 55 mm			
	With short escutcheon, PC - TS 65			
	Black plastic version	454517 •		/each
	Aluminium version, F1	454525 •		/each
	Brushed stainless steel version	454533 •		/each
	SI stainless steel version, brushed ES 1 1)	478346 🕏		/each
	✓ Sheet steel multi-function doors TS 65 mm			

¹⁾ Can be used in security doors up to RC2

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Without counter-fitting

Article	Description	Art. no.	Quantity	€
			Unit(s)	
	Bar, without counter-fitting			
\mathcal{A}	Fixed leaf of double-leaf doors			
	With short escutcheon, blind - TS 45 - 65			
	Black plastic version	454518 •		/each
	Aluminium version, F1	454526 •		/each
	Brushed stainless steel version	454534 •		/each
~	✓ Sheet steel multi-function doors TS 45 – 66 mm			
			Unit(s)	
	Bar, without counter-fitting			
A	Fixing on one side for single-leaf doors/traffic leaf of double-leaf doors			
	With short escutcheon, PC - TS 45 - 65			
	Black plastic version	547066 🕏		/each
	Aluminium version, F1	547067 🖁		/each
	Brushed stainless steel version	547068 🖫		/each
	✓ Sheet steel multi-function doors TS 45 – 66 mm			

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	Customer name:	Customer name: Shipping address:

Accessories, individual parts

Article	Description	Art. no.	Quantity	€
			Set	
	Angle gear			
	Single-leaf doors / traffic leaf of double-leaf doors			
4/1	West 1 to 1			
	With short escutcheon, PC Black	454505		/set
	Aluminium	454535 • 454536 •		/set
	Stainless steel	454537		/set
•	Stall liess steel	454557		/361
	✓ Sheet steel multi-function doors			
-			Set	
	Angle gear			
	Fixed leaf of double-leaf doors			
4/1				
	With short escutcheon, not prepared for PC	45.4500		, .
	Black	454538 •		/set
	Aluminium	454539 •		/set
9	Stainless steel	454541 •	'	/set
	✓ Sheet steel multi-function doors			
			Unit(s)	
	Bar handle			
	Aluminium			
	Up to BR width 1250 mm BR width:	548770 •		/each
	Up to BR width 1500 mm BR width:	548772 •		/each
	Stainless steel			
	Up to BR width 1250 mm BR width:	454543 •		/each
	Up to BR width 1500 mm BR width:	546464 •		/each
	✓ Sheet steel multi-function doors			

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Counter-fitting, prepared for PC

rticle	Description	Art. no.	Quantity	€
			Unit(s)	
	Accessory pack, bar, PC with lever handle			
	TS 45			
	Black plastic version	454713 •		/each
	Aluminium version, F1	454716 •		/each
	Brushed stainless steel version	454719 •		/each
R	TS 55			
	Black plastic version	454714 •		/each
90	Aluminium version, F1	454717 •		/each
(a)	Brushed stainless steel version	454720 •		/each
	TS 65-78			
	Black plastic version	454715 •		/each
	Aluminium version, F1	454718 •		/each
	Brushed stainless steel version	454721 •		/each
	✓ Sheet steel multi-function doors TS 45 – 78 mm			
			Unit(s)	
	Accessory pack, bar, PC with knob			
	TS 45			
	Black plastic version	454703 •		/each
	Aluminium version, F1	454706 •		/each
	Brushed stainless steel version	454709 •		/each
	TS 55			
	Black plastic version	454704 •		/each
1	Aluminium version, F1	454707 •		/each
	Brushed stainless steel version	454711 •		/each
	TS 65-78			
	Black plastic version	454705 •		/each
	Aluminium version, F1	454708 •		/each
	Brushed stainless steel version	454712 •		/each
	✓ Sheet steel multi-function doors TS 45 – 78 mm			

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EPN 2000 SI, long escutcheon ES 2 / ES 3

Article	Description	Art. no.	Quantity	€
			Unit(s)	
	SI touch bar with counter-fitting, lever handle D 110, PC			
	Single-leaf doors/traffic leaf of double-leaf doors			
	ES 2 aluminium Door variant: BR width:	478357 🖫		/each
	ES 2 stainless steel Door variant: BR width:	478359 🖫		/each
a N	✓ E65 RC3, H3 RC3, H16-1 RC3			
	ES 3 aluminium Door variant: BR width:	478361 🖁		/each
	ES 3 stainless steel Door variant: BR width:	478363 🖁		/each
	✓ E65-1 RC4, H3-1 RC4, H16-1 RC4			
			Unit(s)	
	SI touch bar with counter-fitting, knob, PC			
	Single-leaf doors/traffic leaf of double-leaf doors			
	ES 2 aluminium Door variant: BR width:	478356 🖁		/each
	ES 2 stainless steel Door variant: BR width:	478358 🖁		/each
	✓ E65 RC3, H3 RC3, H16-1 RC3			
	ES 3 aluminium Door variant: BR width:	478360 🖫		/each
	ES 3 stainless steel Door variant: BR width:	478362 🖁		/each
	✓ E65-1 RC4, H3-1 RC4, H16-1 RC4			
			Unit(s)	
	SI touch bar with blind escutcheon			
	Single-leaf doors/traffic leaf of double-leaf doors			
	ES 2 aluminium Door variant: BR width:	478600 🖫		/each
	ES 2 stainless steel Door variant: BR width:	478602		/each
	✓ E65 RC3, H3 RC3, H16-1 RC3			
	ES 3 aluminium Door variant: BR width:	478601 🖁		/each
	ES 3 stainless steel Door variant: BR width:	478603 🕏		/each
	✓ E65-1 RC4, H3-1 RC4, H16-1 RC4			

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Door variant:

Door nominal size – width:

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EPN 2000 with rose escutcheon, PC

Article	Description	Art. no.	Quantity	€
			Unit(s)	
	Touch bar with counter-fitting, lever handle D 110			
	Single-leaf doors / traffic leaf of double-leaf doors			
	Aluminium	478330 🕏		/each
Ra	Stainless steel	478332 🖫		/each
	✓ Sheet steel multi-function doors			
			Unit(s)	
	Touch bar with counter-fitting, knob			
	Single-leaf doors/traffic leaf of double-leaf doors			
	Up to BR width 1000 mm			
	Aluminium	478329 🖫		/each
	Stainless steel	478331 🛣		/each
	Up to BR width 1250 mm			
	Aluminium	478329 🖫		/each
	Stainless steel	478331 🖫		/each
	✓ Sheet steel multi-function doors			
			Unit(s)	
	Touch bar			
	Fixed leaf of double-leaf doors			
	Up to BR width 1000 mm			
	Aluminium	478351 🖫		/each
	Stainless steel	478351 🕏		/each
	Up to BR width 1250 mm			
	Aluminium	478351		/each
	Stainless steel	478351 🕏		/each
	✓ Sheet steel multi-function doors			
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	Place / date:		Stamp and signature

Frame seals

Article	Description	Art. no.	Quantity	€
	Sealing ring for T30-/RS-/Si-/MZ doors		Unit(s)	
	P02 Frame seal 5500 mm P03 Frame seal 6500 mm P04 Frame seal 7500 mm	449850 • 449851 • 449854 •		/each /each /each
	✓ H3D, H3, RS55, D45, D55, E45, E55, E65, H_30B, H_30C			
	Sealing ring for T30-/RS-/Si-/MZ doors		Unit(s)	
	P11 Frame seal 5500 mm P12 Frame seal 6500 mm P13 Frame seal 7500 mm	449772 • 452698 • 452699 •		/each /each /each
	✓ Sheet steel multi-function doors with smoke protection and acoustic insulation			
	Accessory bag with sealing wedges		Unit(s)	
	P90	449751 •		/each
	✓ Smoke-tight and acoustic-rated doors			
	Sealing ring for T60-/T90 doors, HS doors		Unit(s)	
	P22 Frame seal 5500 mm	449852 •		/each
	P23 Frame seal 6500 mm P24 Frame seal 7500 mm	449853 • 453821 •		/each /each
	✓ H6, H16-1, HS75, H_60D-1 T30 doors with mineral wool frame infill			
	Sealing ring for T60 RS-/T90 RS doors, HS doors		Unit(s)	
	P31 Frame seal 5500 mm	452876 •		/each
	P32 Frame seal 6500 mm P33 Frame seal 7500 mm	452938 • 452956 •		/each /each
	✓ H6, H16-1, HS75, H_60D-1 T30 doors with mineral wool frame infill			

	Customer no.:	Order no.:	
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Centre rail

Article	Description	Art. no.	Quantity	€
	Sealing ring for T30-/SI-/MZ doors P71 Centre rail seal 2500 mm ✓ H3D-2, E45-2, D45-2, D55-2, H_30B-2	539040 •	Unit(s)	/each
	Sealing ring for T30-/SI doors P72 Centre rail seal 2500 mm ✓ H3-2, E65-2, H_30C-2, HBSC-2	449735 •	Unit(s)	/each
	Sealing ring for T30 doors P55 Centre joint seal 2500 mm ✓ H3-2 OD	479399 •	Unit(s)	/each

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Frame seals OD

Article	Description	Art. no.	Quantity	€
			Unit(s)	
	Sealing ring T30 doors			
	P101 Frame seal 5500 mm	479275	,	/each
	P102 Frame seal 6500 mm	479276		/each
	P103 Frame seal 7500 mm	479303		/each
	✓ H3 OD, D65 OD			
			Unit(s)	
	Sealing ring T30			
	P111 Frame seal 5500 mm	479304		/each
1	P112 Frame seal 6500 mm	479305	•	/each
	P113 Frame seal 7500 mm	479306	·	/each
	✓ H3 OD, D65 OD (with smoke protection and acoustic insulation)			
			Unit(s)	
	Sealing ring T60-/T90 doors		0(0)	
	P111 Frame seal 5500 mm	501099	,	/each
	P112 Frame seal 6500 mm	501100	,	/each
	P113 Frame seal 7500 mm	501101		/each
	✓ H3 OD, D65 OD			
	T30 doors with mineral wool frame infill			

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Centre rail

Article	Description	Art. no.	Quantity	€
	Sealing ring for T90 doors P52 Meeting style 2500 mm H16-2	478150 •	Unit(s)	/each
	Sealing ring for T90 doors P51 Meeting style 3300 mm H16-2 G	457380 •	Unit(s)	/each
	Seal for MZ doors P53 Meeting style 3500 mm D65-2	478151 •	Unit(s)	/each
	Seal for HS doors P42 Door rebate seal 6000 mm HS75, H16S	478280 •	Unit(s)	/each

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9. Profile Cylinders

Not drill-proof

Article	Description	Art. no.	Quantity	€
	Profile cylinder 810, not drill-proof		Unit(s)	
	35.5 + 35.5 = 71 mm	449997 •		/each
	✓ H3D, D45, D55 thin rebate, H3 thin rebate H_30B, H_30C thin rebate, HBS_C thin rebate			
	35.5 + 45.5 = 81 mm	539228 •		/each
	✓ H3 thick rebate, D55, H_30 C thick rebate, HBS_C thick rebate			
	40.5 + 45.5 = 86 mm	449762 •		/each
	✓ H3 OD, H6, H16, H3G, D65 HA30G-C1 thin rebate, H_60D, H_90D			
	Profile cylinder 851 ^{1/2}		Unit(s)	
	45.5 + 10 mm	454902 •		/each
	35.5 × 10 mm	454900 •		/each
	40.5 × 10 mm	454901 •		/each
	50.5 × 10 mm	478598 •		/each
	✓ Steel multi-function doors – door leaf smooth on one side (without cut-outs for fitting)			

The profile cylinders listed are standard profile cylinders with, depending on the door type, up to 5 mm projection in conjunction with Hörmann lever handle sets. If a flush cylinder is required, this must be calculated using the door thickness, cylinder positioning, and thickness of the cover escutcheon. The calculation formula and cylinder positioning can be found in the dealer price list or requested.

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9. Profile Cylinders Drill-proof on both sides

Article	Description	Art. no.	Quantity	€
	Profile cylinder 810, drill-proof on both sides		Unit(s)	
	35.5 + 35.5 = 71 mm	546362 •		/each
	✓ H3D RC2, H3 thin rebate RC2/3, E45-1/E45-2 RC2			
	45.5 + 35.5 = 81 mm	546363 •		/each
	✓ T30-1 H3 thick rebate RC2, E55-1 thick rebate RC2 T30-2 H3 thick rebate RC2/3			
	45.5 + 40.5 = 86 mm	546961 •		/each
6	✓ H3 OD RC2, H6 thin rebate RC2, H16 thin rebate RC2/3			
· ·	50.5 + 40.5 = 91 mm	546364 •		/each
	✓ H3 thick rebate RC3, E 65 thick rebate RC3 H6 thick rebate RC2, H16 thick rebate RC2/3			
	50.5 + 35.5 mm = 86 mm ¹⁾	478441 •		/each
	✓ H3 thick rebate RC3, E 65 thick rebate RC3 H16 thick rebate RC3			
			Unit(s)	
	Profile cylinder 910, drill-proof on both sides			
	50.5 + 40.5 = 91 mm	546366 •		/each
	✓ E 65 RC4, H3 RC4, H16 thick rebate RC4			
	50.5 + 35.5 mm = 86 mm ¹⁾	478442 •		/each
	✓ E 65 RC4, H3 RC4			
	45.5 + 40.5 = 86 mm	547960 •		/each
	✓ H16 thin rebate RC4			

The profile cylinders listed are standard profile cylinders with, depending on the door type, up to 5 mm projection in conjunction with Hörmann lever handle sets. If a flush cylinder is required, this must be calculated using the door thickness, cylinder positioning, and thickness of the cover escutcheon.

The calculation formula and cylinder positioning can be found in the dealer price list or requested.

For doors with a Hörmann security touch bar

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With linkage

Article	Description	Art. no.	Quantity	€
			Unit(s)	
	TS with linkage – Fitting on the opening side			
	With mounting plate			
	TS 2000 NV BC EN 2-4	457940 •		/eac
	TS 4000 EN 1-6	452701 •		/eac
	TS 4000 EN 1 – 6, hold-open linkage	452705 •		/eac
	TS 4000 EN 1-6, closing delay	452703 •		/eac
0000	TS 4000 EN 7	453823 •		/eac
	TS 4000 E EN 1-6	452706	3	/eac
	TS 72 EN 2-4	454437 💈	3	/eac
	TS 73 EN 2-4	497908 •		/eac
	TS 73 EMF EN 4	547470 •		/ead
	TS 73 EMF EN 5	452757 •		/ead
	TS 73 EMF EN 6	547471 •		/eac
	TS 83 EN 3-6	497916 •		/ead
	TS 83 EN 7	549513	3	/ea
	TS 83 EN 3-6, locking hold-open function	548361	3	/ea
	✓ Sheet steel multi-function doors			

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With linkage

Article	Description	Art. no.	Quantity	€
			Unit(s)	
	TS with linkage – Fitting on the closing side			
	With aluminium Z bracket for fitting to a corner frame			
	TS 2000 NV BC EN 2-4	478030 🛣		/each
	TS 4000 EN 1 – 6	452709 •		/each
	TS 4000 EN 7 TS 4000 EN 1 – 6, hold-open linkage	453833 \(\bigsig \) 547088 •		/each /each
	TS 4000 EN 1 – 6, riold-open linkage	547438 •		/each
	TS 73	545064 🕏		/each
	1070	040004 🍙		/Cacii
	TS 73 EMF EN 4	549487 🙎		/each
	TS 73 EMF EN 5	549488 🖫		/each
	TS 73 EMF EN 6	549489 🙎		/each
	TS 83	545067 🙎		/each
	TS 83 EN 7	549514 🙎		/each
	TS 83 locking hold-open function	457753 🙎		/each
	With aluminium L bracket for fitting to a profile frame			
	TS 2000 VBC EN 2-4	478029 🖫		/each
	TS 4000 EN 1-6	452710 •		/each
	TS 4000 EN 7	453834 •		/each
	TS 4000 EN 1 – 6, hold-open linkage	547089 •		/each
	TS 4000 E EN 1-6, electro-hydraulic stop	547439 •		/each
	TS 73	545065 🖫		/each
	TS 73 EMF EN 4	549490 🖫		/each
	TS 73 EMF EN 5	549491		/each
	TS 73 EMF EN 6	549492 🖫		/each
	TS 83	545068 🕏		/each
	TS 83 EN 7	549515 💈		/each
	TS 83, locking hold-open function	457754 🙎		/each
	✓ Sheet steel multi-function doors			

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With slide rail, fitting on the opening side

Article	Description	Art. no.	Quantity	€
			Unit(s)	
	TS with slide rail – fitting on the opening side			
	With mounting plate			
	HDC 35 EN 3-5	483032 •		/each
	HDC 35 EN 3-5, mech. hold-open device	478113		/each
	TS 3000 EN 1-4	449271 •		/each
	TS 3000 EN 1 – 4, T-stop	478052 •		/each
	TS 5000 EN 2-6	452714 •		/each
	TS 5000 EN 2-6, closing delay	452716		/each
	TS 5000 EN 2-6, mech. hold-open device	452719		/each
	TS 5000 EN 2 – 6 T-stop	545062		/each
	TS 5000 EN 2-6, T-stop, mech. hold-open device	548610		/each
	TS 5000 E EN 2-6, electro-mech. hold-open device	457371 •		/each
	TS 5000 E FS EN 2-5, compensator function	454406		/each
	TS 5000 R EN 2-6, integrated smoke sensor	457375 •		/each
	TS 5000 R FS EN 2-5, compensator function	457378 🖫		/each
	TS 92 EN 2-4	548475		/each
	TS 93 B EN 2-5	548301 •		/each
30	TS 93 B EN 2-5, with locking hold-open function	548311		/each
•	TS 93 B EN 2-5, with opening limiter	548313		/each
	TS 93 B EN 7	548302		/each
	TS 93 B EN 7, with opening limiter	548314		/each
	TS 93 B EN 7, with locking hold-open function	548312		/each
	TS 93 B EMF EN 2-5, electro-mech. hold-open device	548303 •		/each
	TS 93 B EMF EN 7, electro-mech. hold-open device	548304		/each
	TS 93 B EMR EN 2 – 5, integrated smoke detector	548305 •		/each
	TS 93 B EMR EN 7, integrated smoke detector	548306		/each
	TS 99 FL EN 2-5, compensator function	452766		/each
	TS 99 FLR K EN 2-5, compensator function	548596		/each
	✓ Sheet steel multi-function doors			

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With slide rail, fitting on the closing side

Article	Description	Art. no.	Quantity	€
			Unit(s)	
	TS with slide rail – Fitting on the closing side			
	With lintel spacer			
	HDC 35 EN 3-5	478112 •		/eac
	HDC 35 EN 3-5, mechanical hold-open device	478114 •		/eacl
^	TS 5000 L EN 2-6	452723 •		/eacl
	TS 5000 L EN 2-6, mechanical hold-open device	548562 •		/eacl
	TS 5000 L EN 2 – 6 T-stop	545128 •		/eacl
	TS 5000 L EN 2-6, T-stop, mechanical hold-open device	549412 •		/eacl
	TS 5000 L E EN 2-6, electro-mechanical hold-open device	457373 •		/eacl
	TS 5000 L E EN 2-6, integrated smoke sensor	478719 •		/eacl
	TS 93 G EN 2-5	548307 •		/eacl
	TS 93 G EN 2-5, with locking hold-open function	548345 •	·	/eacl
	TS 93 G EN 2-5, with opening limiter	548347 •		/eacl
	TS 93 G EN 7	548308 🖫	3	/eacl
	TS 93 G EN 7, with opening limiter	548348	3	/eacl
	TS 93 G EN 7, with locking hold-open function	548346	3	/eacl
	TS 93 G EMF EN 2-5, electro-mechanical hold-open device	548309 •		/eacl
	TS 93 G EMF EN 7, electro-mechanical hold-open device	548310	3	/eacl
	✓ Sheet steel multi-function doors			

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Stainless steel with slide rail, fitting on opening side

Article	Description	Art. no.	Quantity	€
			Unit(s)	
	TS with slide rail – fitting on opening side			
	Stainless steel version			
	TS 5000 EN 2-6	449165	:	/each
	TS 5000 EN 2-6 with mechanical hold-open device 1)	449165 🖫	3	/each
	TS 5000 EN 2-6 with closing delay	449165	3	/each
	TS 5000 EN 2-6, T-stop	449165 🛭	3	/each
	TS 5000 EN 2-6, ECline EN 3-5 with slide rail Ecline	449165	3	/each
	TS 5000 E EN 2-6 with electromechanical hold-open device TS 5000 R EN 2-6 with electromechanical hold-open device	449165 🖫	3	/each
	incl. RSZ	449165	:	/each
	TS 5000 EFS EN 2 – 6 hold-open device with compensator function	449165		/each
	TS 5000 RFS EN 2 – 6 hold-open device with compensator function incl. RSZ	449165 🛭		/each
	Stainless steel design			
	TS 93 B EN 2-5	449165 🖫	;	/each
	TS 93 B EN 2-5 with locking hold-open function 1)	449165	3	/each
200	TS 93 B EN 5-7	449165 🛭	3	
	TS 93 B EMF EN 2-5 with electromechanical hold-open device 1)	449165 🛭	:	/each
	TS 93 B EMR EN 2-5, RMZ integrated	449165 🛭	3	/each
	TS 99 FL EN 2-5 hold-open device with compensator function 1)	449165	3	/each
	TS 99 FLR/K EN 2-5, RMZ integrated	449165 🖁	3	/each
	✓ Sheet steel multi-function doors			
	Note: Mechanical door leaf selector For double-leaf doors with mechanical door leaf selector: closer – surcharge × 2! (mech. door leaf selector always in silver surface finish!)			

¹⁾ Mechanical hold-open devices are not approved for fire-rated and smoke-tight doors

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Stainless steel with slide rail, fitting on closing side

Article	Description	Art. no.	Quantity	€
			Unit(s)	
	TS with slide rail – fitting on closing side			
	Stainless steel version			
	TS 5000 L EN 2-6	449165 🛣		/each
	TS 5000 L EN 2-6 with mechanical hold-open device 1)	449165 🛣		/each
	TS 5000 L EN 2 – 6 T-stop	449165 🖫		/each
	TS 5000 L ECline EN 3-5	449165 🛣		/each
	TS 5000 L E EN 2-6 with electromechanical hold-open device	449165 🖫		/each
	TS 5000 L R EN 2-6 with electromechanical hold-open device	449165 🖫		/each
	Stainless steel design			
000	TS 93 B EN 2-5	449165 🛣		/each
	TS 93 B EN 2-5 with locking hold-open function 1)	449165 🖫		/each
200	TS 93 B EN 5-7	449165 🖫		
	TS 93 B EMF EN 2-5 with electromechanical hold-open device 1)	449165 🖫		/each
	✓ Sheet steel multi-function doors			
	Note: Mechanical door leaf selector For double-leaf doors with mechanical door leaf selector: closer – surcharge × 2! (mech. door leaf selector always in silver surface finish!)			

¹⁾ Mechanical hold-open devices are not approved for fire-rated and smoke-tight doors

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RAL colours with slide rail, fitting on opening side

Article	Description	Art. no.	Quantity	€
			Unit(s)	
	TS with slide rail – fitting on opening side			
	RAL colours			
	TS 5000 EN 2-6	449165 🖫	;	/each
	TS 5000 EN 2-6 with mechanical hold-open device 1)	449165 🖁	3	/each
	TS 5000 EN 2-6 with closing delay	449165	3	/each
	TS 5000 EN 2-6, T-stop	449165 🖫	3	/each
	TS 5000 ECline EN 3-5 with slide rail Ecline	449165	3	/each
	TS 5000 E EN 2-6 with electromechanical hold-open device TS 5000 R EN 2-6 with electromechanical hold-open device	449165 🖫	3	/each
	incl. RSZ	449165 🖫	3	/each
	TS 5000 EFS EN 2 – 6 hold-open device with compensator function TS 5000 RFS EN 2 – 6 hold-open device with compensator function	449165	3	/each
	incl. RSZ	449165 🖫	S .	/each
	TS 93 B EN 2-5	449165 🛭	3	/each
	TS 93 B EN 2-5 with locking hold-open function 1)	449165		/each
	TS 93 B EN 5-7	449165 🛭	3	
	TS 93 B EMF EN 2-5 with electromechanical hold-open device 1)	449165	3	/each
	TS 93 B EMR EN 2-5, RMZ integrated			/each
	TS 99 FL EN 2-5 hold-open device with compensator function ¹⁾	449165	3	/each
	TS 99 FLR/K EN 2-5, RMZ integrated	449165 🖁	;	/each
	✓ Sheet steel multi-function doors			
	Note: Mechanical door leaf selector For double-leaf doors with mechanical door leaf selector: closer – surcharge × 2! (mech. door leaf selector always in silver surface finish!)			

¹⁾ Mechanical hold-open devices are not approved for fire-rated and smoke-tight doors

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RAL with slide rail, fitting on closing side

Article	Description	Art. no.	Quantity	€
			Unit(s)	
	TS with slide rail – fitting on closing side			
	RAL colours			
	TS 5000 L EN 2-6	449165 🛣		/each
	TS 5000 L EN 2-6 with mechanical hold-open device 1)	449165 🖁		/each
	TS 5000 L EN 2 – 6 T-stop	449165 🖫		/each
	TS 5000 L ECline EN 3-5	449165 🛣		/each
	TS 5000 L E EN 2-6 with electromechanical hold-open device	449165 🖫		/each
	TS 5000 L R EN 2-6 with electromechanical hold-open device	449165 🖫		/each
	TS 93 B EN 2-5	449165 🖫		/each
	TS 93 B EN 2-5 with locking hold-open function 1)	449165 🖫		/each
9	TS 93 B EN 5-7	449165 🖫		
8	TS 93 B EMF EN 2-5 with electromechanical hold-open device 1)	449165 🖫		/each
· ·	✓ Sheet steel multi-function doors			
	Note: Mechanical door leaf selector For double-leaf doors with mechanical door leaf selector: closer – surcharge × 2! (mech. door leaf selector always in silver surface finish!)			

¹⁾ Mechanical hold-open devices are not approved for fire-rated and smoke-tight doors

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With slide rail and integrated door leaf selector, fitting on the opening side

Article	Description	Art. no.	Quantity	€
			Unit(s)	
	TS per leaf with slide rail – Fitting on the opening side			
	TS 5000/TS 5000 - ISM, slide rail BRB 2000 mm	548667 •		/eac
	TS 5000/TS 5000 - ISM, slide rail BRB 2500 mm	548670 •		/eac
	TS 5000/TS 5000 - ISM, slide rail BRB 3000 mm	548671 •		/eac
	TS 5000 S / TS 5000 S - ISM, slide rail BRB mm	549464	3	/ead
	TS 5000/TS 5000 - E ISM, slide rail BRB 2000 mm	548674 •		/ead
	TS 5000/TS 5000 - E ISM, slide rail BRB 2500 mm	548677 •		/ead
	TS 5000/TS 5000 - E ISM, slide rail BRB 3000 mm	548678 •		/ead
	TS 5000/TS 5000 - R ISM, slide rail BRB 2000 mm	548681 •		/ea
	TS 5000/TS 5000 - R ISM, slide rail BRB 2500 mm	548684 •		/ea
	TS 5000/TS 5000 - R ISM, slide rail BRB 3000 mm	548685 •		/ea
	TS 93 B/TS 93 B - GSR, slide rail BRB≤2500 mm	548325 •		/ea
6	TS 93 B / TS 93 B - GSR, slide rail BRB ≥ 2500 mm	548326 •		/ea
	TS 93 B/TS 93 B - GSR, slide rail BRB ≤ 2500 mm			
	with opening limiter	548229 •		/ea
	TS 93 B/TS 93 B - GSR EMF 2, slide rail BRB≤2500 mm	548329 •		/ea
	TS 93 B/TS 93 B - GSR EMF 2, slide rail BRB≥2500 mm	548330 •		/ea
	TS 93 B/TS 93 B - GSR EMR 2, slide rail BRB≤2500 mm	548335 •		/ea
	TS 99 FL/TS 93 B - GSR, slide rail BRB ≤ 2500 mm			
	with compensator function	549440	3	/ea
	TS 99 FL/TS 93 B EMF - GSR, slide rail BRB ≤ 2500 mm with compensator function	549432		/ea
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	✓ Sheet steel multi-function doors			

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With slide rail and integrated door leaf selector, fitting on the closing side

Article	Description	Art. no.	Quantity	€
			Unit(s)	
	TS per leaf with slide rail – fitting on the closing side Integrated door leaf selector			
	TS 5000 L/TS 5000 L-L ISM, slide rail BRB mm	548811 •		/each
<	TS 5000 L/TS 5000 L-LE ISM, slide rail BRB mm	548813 •		/each
	TS 5000 L/TS 5000 L-L R ISM, slide rail BRB mm	548813 •		/each
	✓ Double-leaf doors without anti-panic function			
	TS 5000 L/TS 5000 L-L ISM, slide rail BRB mm	478019 •		/each
	✓ Double-leaf doors with anti-panic function			
	TS 93 G/TS 93 G-GSR, slide rail BRB≤2500 mm	548341 •		/each
	TS 93 G/TS 93 G-GSR, slide rail BRB≥2500 mm	549525 •		/each
	TS 93 G/TS 93 G-GSR EMF 2, slide rail BRB≤2500 mm	548342 •		/each
	✓ Double-leaf doors			

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Stainless steel with slide rail and integrated door leaf selector

Description	Art. no.	Quantity	€
		Unit(s)	
TS per leaf with slide rail – Fitting on the opening side			
Stainless steel version			
TS 5000 ISM EN 2-6	449165 🖫		/each
TS 5000 E ISM EN 2-6 electromechanical hold-open device	449165 🗟		/each
TS 5000 R ISM EN 2-6 RMZ integrated	449165 🛣		/each
TS 5000 ISM EFS	449165 🖫		/each
TS 5000 R ISM EFS	449165 🖫		/each
Stainless steel design			
TS 93 GSR EN 2-5	449165 🖫		/each
TS 93 GSR EN 5-7	449165 🖫		
TS 93 GSR EMF2 EN 2-5	449165 🖫		/each
TS 93 GSR EMR2 EN 2-5 RMZ integrated	449165 🖫		/each
TS 93 GSR EMF2 EN 2-5	449165 🖁		/each
TS 93 GSR EMR2 EN 2-5 RMZ integrated	449165 🖫		/each
✓ Sheet steel multi-function doors			
		Unit(s)	
TS per leaf with slide rail – fitting on the closing side			
Stainless steel version			
TS 5000 L ISM EN 2-6	449165 🖁		/each
TS 5000 L E ISM EN 2-6	449165 🖫		/each
TS 5000 L R ISM EN 2-6	449165 🖫		/each
Stainless steel design			
TS 93 GSR BG EN 2-5	449165 🖫		/each
TS 93 GSR BG EN 5-7	449165 🖫		
TS 93 GSR EMF2 BG EN 2-5	449165 🖁		/each
✓ Sheet steel multi-function doors			
	TS per leaf with slide rail – Fitting on the opening side Stainless steel version TS 5000 ISM EN 2-6 TS 5000 E ISM EN 2-6 electromechanical hold-open device TS 5000 ISM EN 2-6 RMZ integrated TS 5000 ISM EFS TS 5000 ISM EFS TS 5000 R ISM EFS Stainless steel design TS 93 GSR EN 2-5 TS 93 GSR EMF2 EN 2-5 TS 93 GSR EMR2 EN 2-5 RMZ integrated TS 93 GSR EMR2 EN 2-5 RMZ integrated ✓ Sheet steel multi-function doors TS per leaf with slide rail – fitting on the closing side Stainless steel version TS 5000 L ISM EN 2-6 TS 5000 L E ISM EN 2-6 TS 5000 L R ISM EN 2-6 TS 93 GSR BG EN 2-5 TS 93 GSR BG EN 5-7 TS 93 GSR BG EN 5-7 TS 93 GSR BG EN 5-7 TS 93 GSR EMF2 BG EN 2-5	TS per leaf with slide rail - Fitting on the opening side Stainless steel version TS 5000 ISM EN 2-6 TS 5000 E ISM EN 2-6 electromechanical hold-open device TS 5000 R ISM EN 2-6 RMZ integrated TS 5000 ISM EFS TS 5000 ISM EFS 449165	TS per leaf with slide rail – Fitting on the opening side Stainless steel version TS 5000 ISM EN 2-6 TS 5000 ISM EN 2-6 electromechanical hold-open device TS 5000 ISM EN 2-6 RMZ integrated TS 5000 ISM EN 2-6 RMZ integrated TS 5000 ISM ESP TS 5000 ISM EFS TS 93 GSR EN 2-5 TS 93 GSR EN 2-5 TS 93 GSR EN 2-5 TS 93 GSR EMP2 EN 2-5 TS 93 GSR EMP2 EN 2-5 RMZ integrated TS 93 GSR EMP2 EN 2-5 TS 93 GSR EMP2 EN 2-5 RMZ integrated ✓ Sheet steel multi-function doors Unit(s) TS per leaf with slide rail – fitting on the closing side Stainless steel version TS 5000 L ISM EN 2-6 TS 5000 L R ISM EN 2-5 TS 93 GSR BG EN 2-5

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RAL colours with slide rail and integrated door leaf selector

Article	Description	Art. no.	Quantity	€
			Unit(s)	
	TS per leaf with slide rail – Fitting on the opening side			
	RAL colours			
	TS 5000 ISM EN 2-6	449165 🖫		/each
	TS 5000 E ISM EN 2-6 electromechanical hold-open device	449165		/each
	TS 5000 R ISM EN 2-6 RMZ integrated	449165 🚡		/each
	TS 5000 ISM EFS	449165		/each
	TS 5000 R ISM EFS	449165		/each
	TS 93 GSR EN 2-5	449165 🖫		/each
	TS 93 GSR EN 5-7	449165 🖫		
	TS 93 GSR EMF2 EN 2-5	449165 🖫		/each
	TS 93 GSR EMR2 EN 2-5 RMZ integrated	449165 🖫		/each
	TS 93 GSR EMF2 EN 2-5	449165 🖫		/each
	TS 93 GSR EMR2 EN 2-5 RMZ integrated	449165 🛭		/each
	✓ Sheet steel multi-function doors			
			Unit(s)	
	TS per leaf with slide rail - fitting on the closing side			
	RAL colours			
	TS 5000 L ISM EN 2-6	449165 🖫		/each
	TS 5000 L E ISM EN 2-6	449165 🖫		/each
	TS 5000 L R ISM EN 2-6	449165 🖫		/each
	TS 93 GSR BG EN 2-5	449165 🖫		/each
	TS 93 GSR BG EN 5-7	449165		
	TS 93 GSR EMF2 BG EN 2-5	449165 🖫		/each
	✓ Sheet steel multi-function doors			

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Components

Article	Description	Art. no.	Quantity	€
			Unit(s)	·
	Door closer			
	(without linkage, without slide rail)			
•	TS 4000 EN 1 – 6	452737 •		/each
	TS 5000	454723 •		/each
	TS 5000 L	452745 •		/each
	TS 5000 ECline	478722 •		/each
	TS 5000 L ECline	478723 •		/each
	TS 93 B EN 2-5	548372 •		/each
	TS 93 G EN 2-5	548374 •		/each
	✓ Sheet steel multi-function doors			
			Unit(s)	
	Linkage for TS 4000			
	With crown gearing	546665 •		/each
	With mechanical hold-open device	452738 •		/each
	✓ Sheet steel multi-function doors			
			Unit(s)	
	Mechanical door leaf selector, Basis 2	478609 •		/each
		470009		/eacii
	✓ Sheet steel multi-function doors			
			Unit(s)	
	Opening angle limit			
	For Dorma slide rail, G N	548297 •		/each
	For Dorma slide rail, G SR	548298 •		/each
	For GEZE slide rail, TS 5000	548021 •		/each
*	✓ Sheet steel multi-function doors			

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Components

Article	Description	Art. no.	Quantity	€
			Unit(s)	
	Slide rail with lever			
	Slide rail for TS 5000 on the opening side	548527		/eacl
	Slide rail for TS 5000 L on the closing side	548528		/each
	Slide rail G N, silver, for TS 93 Contur	548376		/eacl
	Slide rail for TS 5000 ECline on the opening side	478724		/eacl
	Slide rail for TS 5000 L ECline on the closing side	478725		/each
	E slide rail for TS 5000 on the opening side	549530		/each
	E slide rail for TS 5000 L on the closing side	549531	·	/each
	EMF slide rail, silver, for TS 93 Contur	548377		/each
	R slide rail for TS 5000 on the opening side	549532		/each
	EMR slide rail, silver, for TS 93 Contur	548378		/each
	✓ Sheet steel multi-function doors			
			Unit(s)	
	Slide rail with lever and integrated door leaf selector			
	ISM slide rail for TS 5000 on the opening side	549012		/each
	L ISM slide rail for TS 5000 on the closing side	549300	·	/each
	GSR slide rail VL, silver, for TS 93 Contur	548380		/each
	E ISM slide rail for TS 5000 on the opening side	549013		/each
	L E ISM slide rail for TS 5000 L on the closing side	549301		/each
	GSR EMF 2 slide rail VL, silver, for TS 93 Contur	548382 •		/each
	R ISM slide rail for TS 5000 on the opening side	549014		/each
	GSR EMR 2 slide rail VL, silver, for TS 93 Contur	548385		/each
	✓ Sheet steel multi-function doors			

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10. Door Closers

Fitting material

Article	Description	Art. no.	Quantity	€
•			Unit(s)	
	Mounting plate with fixing material			
	W40 for HDC 35	545756 •		/each
	W17 for TS 4000/TS 5000	549308 •		/each
	W27 for TS 4000 E	549314 •		/each
	✓ Sheet steel multi-function doors			
			Unit(s)	
	Fitting bracket with fixing material			
	Corner frame			
	W15 for TS 4000 on the closing side	549306 •		/each
	W25 for TS 4000 E on the closing side	549312 •		/each
	W50 for TS 83/TS 89 on the closing side	549316 •		/each
	W55 for TS 73 V on the closing side	549318 •		/each
	✓ Sheet steel multi-function doors			
	V Sheet steel multi-full culoff doors			
			Unit(s)	
	Fitting bracket with fixing material			
	Profile frame			
	W16 for TS 4000 on the closing side	549307 •		/each
	W26 for TS 4000 E on the closing side	549313 •		/each
	W51 for TS 83/TS 89 on the closing side	549317 •		/each
	W56 for TS 73 V on the closing side	549319 •		/each
	✓ Sheet steel multi-function doors			
			Unit(s)	
	Trapezoidal plate with fixing material			
	For retrofitting			
	W63 for TS 4000 on the closing side	549473 •		/each
0 0	✓ Sheet steel multi-function doors			

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10. Door Closers

Fitting material

Article	Description	Art. no.	Quantity	€
<u>~</u>			Unit(s)	
	Lintel spacer for door closer fitting			
13	W30 for TS 5000 L	549315 •		/each
	W65 for TS 5000 L-E	549543 •		/each
	W62 for TS 93 G	549472 •		/each
	W62 for TS 93 G EMF	548300 •		/each
	Single-leaf sheet steel multi-function doors			
			Unit(s)	
	Lintel spacer for door closer fitting			
	W69 for TS 5000 L ISM/GEZE TS 5000 L E ISM	549018 •		/each
	W70 for TS 93 G GSR / Dorma TS 93 G GSR EMF	547535 •		/each
	✓ Double-leaf sheet steel multi-function doors			

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11. Hinge PartsGalvanized hinges with fitting material for frame assembly for single-leaf doors

Article	Description	Art. no.	Quantity	€
	Bolt set with 2 hinge bolts, 2 ball-bearings		Unit(s)	
	B1	547570 •		/each
	✓ FS, RS, Si RC2 – RC3, MZ			
	В3	547572 •	Unit(s)	/each
	✓ SI RC4			
	B4 with screws 5.3 × 56 for prefabricated wall	548686 •	Unit(s)	/each
	B5 with screws 5.3 × 80 for prefabricated wall	548687 •		/each
	✓ FS, RS, MZ			
	Bolt set with 3 hinge bolts, 3 ball-bearings		Unit(s)	
	B6	548688 •		/each
	✓ FS, RS, Si RC2-RC3, MZ			
	B9	548808 •	Unit(s)	/each
	✓ SI RC4			
	B7 with screws 5.3 × 56 for prefabricated wall	548806 •	Unit(s)	/each
	B8 with screws 5.3 × 80 for prefabricated wall	548807 •		/each
	✓ FS, RS, MZ			
	Bolt set with 1 hinge bolt, 1 spring hinge bolt, 2 ball-bearings		Unit(s)	
	B2	547571 •		/each
	✓ FS, SI RC2-RC3, MZ version			

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11. Hinge PartsGalvanized 3-way hinges with fitting material for frame assembly for single-leaf doors

Article	Description	Art. no.	Quantity	€
	Bolt set with 2 hinge bolts, 2 ball-bearings		Unit(s)	
	B41 ✓ FS, RS, MZ	457860 •		/each
	B53	478031 •		/each
	✓ HS75/H16SB61	458010 •		/each
	FS-Si doors, SI doors up to RC3			
	Bolt set with 3 hinge bolts, 3 ball-bearings		Unit(s)	
	B42 ✓ FS, RS, MZ	457861 •		/each
	B54 ✓ HS75/H16S	478032 •		/each
	B62	458011 •		/each
	✓ FS-Si doors, SI doors up to RC3			

Galvanized hinge version

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11. Hinge PartsStainless steel 3-way hinges with fitting material for frame assembly for single-leaf doors

Article	Description	Art. no.	Quantity	€
	Bolt set with 2 hinge bolts, 2 ball-bearings, 2 frame hinge parts		Unit(s)	
	E7 ✓ FS, RS, MZ	478033 •		/each
	Bolt set with 3 hinge bolts, 3 ball-bearings, 3 frame hinge parts	470004	Unit(s)	(seek
	E8 ✓ FS, RS, MZ	478034 •		/each

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11. Hinge PartsGalvanized hinges with fitting material for frame assembly for double-leaf doors

Article	Description	Art. no.	Quantity	€
	Bolt set with 4 hinge bolts, 4 ball-bearings, floor trough M1 FS, RS, MZ M4	547622 • 547625 •	Unit(s)	/each
	✓ SI M6 with dry wall screws 5.3 × 56 M7 with dry wall screws 5.3 × 80 ✓ FS, RS, MZ	548818 • 548819 •		/each /each
	Bolt set with 6 hinge bolts, 6 ball-bearings, floor trough M3 FS, RS, MZ	547624 •	Unit(s)	/each
	Bolt set with 6 hinge bolts, 6 ball-bearings, floor trough M8 with dry wall screws 5.3 × 56 ✓ FS, RS, MZ	549030 •	Unit(s)	/each
	Bolt set with 3 hinge bolts, 1 spring hinge bolt, 4 ball-bearings, floor trough M2 ✓ H_30B, H_60D_H_90D	547623 •	Unit(s)	/each
	Bolt set with 2 hinge bolts, 2 spring hinge bolts, 4 ball-bearings, floor trough M5 H_30B, H_60D_H_90D	548809 •	Unit(s)	/each

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11. Hinge Parts Individual parts

Article	Description	Art. no.	Quantity	€
	Construction hinge bolt		Unit(s)	
	FH 615 – 20, galvanized KO 621 – 5, stainless steel	547585 • 457942 •		/each /each
	✓ Sheet steel multi-function doors			
	Spring hinge bolt		Unit(s)	
	FH 615-20, galvanized	547584 •		/each
	✓ Sheet steel multi-function doors			
	Ball-bearing for hinge bolts		Unit(s)	
	FH 615 DLG 19/130, galvanized FH 615 DLG 19/300, galvanized KO 621-3 DLG 14/100, stainless steel	547586 • 547587 • 457936 •		/each /each
	✓ Sheet steel multi-function doors			
	Leaf part to screw		Unit(s)	
	KO/FE 615/20 K, top KO/FE 615/20 L, bottom	479401 • 479402 •		/each
	✓ OD doors			

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12. Fitting MaterialPlugs / screws, fitting to concrete walls, brickwork

Article	Description	Art. no.	Quantity	€
	Plug and screw set – Fitting to concrete walls, brickwork Hexagon screws with internal torx, plugs 10 × 80 mm D31 (with 4) D32 (with 6) D33 (with 8) D34 (with 10) D72 (with 100)	547513 • 547514 • 547515 • 547516 • 549020 •		/each /each /each /each
	Plug and screw set – Fitting to concrete walls, brickwork Hexagon screws with internal torx, plugs 10 × 80 mm D12 (with 6) D13 (with 8) D14 (with 10) D71 (with 100)	547518 • 547519 • 547520 • 549019 •		/each /each /each
	Plug and screw set – Fitting to concrete walls, brickwork Hexagon screws with internal torx, plugs 10 × 80 mm, woodscrews and plugs F 6 D22 (with 6 each) D23 (with 8 each) D24 (with 10 each)	547526 • 547527 • 547528 •		/each /each /each

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12. Fitting Material Plugs / screws, fitting to prefabricated walls, gas concrete

Article	Description	Art. no.	Quantity	€
	Accessories – Fitting to F90 A prefabricated walls 24 drilling screws, 4 cylinder screws D62 Drilling screw 5.3 × 56 mm D63 Drilling screw 5.3 × 80 mm	457921 • 457923 •	Unit(s)	/eacl
			Unit(s)	
	GB plug and screw set – Fitting to gas concrete Countersunk head screws with internal torx, plugs 10 × 100 mm			
Continuous	D52 (with 6) D53 (with 8) D54 (with 10) D73 (with 100)	548782 • 548783 • 548784 • 549021 •	·	/eac /eac /eac

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12. Fitting MaterialCorner frame / counter frame fitting

Article	Description	Art. no.	Quantity	€
	Brackets and spacers – Fitting to brickwork, concrete walls		Unit(s)	
	 S61 Frame rebate depth 46 mm (4 brackets) S62 Frame rebate depth 56 mm (4 brackets) S63 Frame rebate depth 66 mm (4 brackets) 	549521 • 549522 • 549523 •		/eac /eac /eac
0.00	S11 Frame rebate depth 46 mm (12 brackets) S12 Frame rebate depth 56 mm (12 brackets) S13 Frame rebate depth 66 mm (12 brackets)	548689 • 548691 • 548693 •		/eac /eac
(0.0)	S14 Frame rebate depth 46 mm (16 brackets) S15 Frame rebate depth 56 mm (16 brackets) S16 Frame rebate depth 66 mm (16 brackets)	548690 • 548692 • 548694 •	•	/eac /eac /eac
	Retaining angle – Fitting to brickwork / concrete walls		Unit(s)	
	Z52 For counter frame (with 8) Incl. fitting material for frame assembly	548744	·	/ead

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12. Fitting Material Corner frame fitting

Article	Description	Art. no.	Quantity	€
	Prockets (on come Sitting to bring to bring to appear to well-		Unit(s)	
	Brackets / spacers - Fitting to brickwork, concrete walls			
	V61 Frame rebate depth 46 mm, (2 brackets)	549518	•	/eac
	V62 Frame rebate depth 56 mm, (2 brackets)	549519	•	/eac
	V63 Frame rebate depth 66 mm, (2 brackets)	549520	•	/eac
	V11 Frame rebate depth 46 mm, (6 brackets)	547632	•	/eac
	V13 Frame rebate depth 66 mm, (6 brackets)	547634	•	/eac
	V14 Frame rebate depth 46 mm, (8 brackets)	547635	•	/eac
	V15 Frame rebate depth 56 mm, (8 brackets)	547636	•	/eacl
	V16 Frame rebate depth 66 mm, (8 brackets)	547637	•	/eac
	Anchor bracket set – Gas concrete wall		Unit(s)	
	Anchor bracket set – Gas concrete wall			
	MW 150, 175, 200, 240, 250 mm, (6 x) For MW			/eac
	Special wall width, (6 x)	548735	3	/eac
	MW 150, 175, 200, 240, 250 mm, (8 x) For MW	548769	3	/eac
	Special wall width, (8 x)		3	/eacl
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12. Fitting MaterialProfile frame fitting, block frame fitting

Article	Description	Art. no.	Quantity	€
	Support bracket – Fitting to brickwork / concrete walls		Unit(s)	
	S71 Up to MW 205 mm, (6 x) S72 Up to MW 205 mm, (8 x)	457412 • 457413 •		/each
	S75 Over MW 205 mm, (6 ×) S76 Over MW 205 mm, (8 ×)	457414 • 457415 •		/each /each
	Fixing brackets – Fitting to brickwork		Unit(s)	
	U12 (6 ×) U13 (8 ×)	548696 • 548697 •		/each /each
	Accessory bag, cover caps		Unit(s)	
	A41 Ø 18.5 mm, (14 x)	457368 •		/each

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12. Fitting MaterialCorner frame fitting with diagonal fixing

Article	Description	Art. no.	Quantity	€
	Accessories for brickwork / concrete \$800 Support dowels (10 ×), spacers, countersunk head screws and plugs (10 ×), cover sheet	478048 •	Unit(s)	/each
	Support dowel set S80 Support dowels (10 x)	478056 •	Set	/set
	Accessory bag, cover plates Corner frame and profile frame with diagonal fixing A51 10 plates each for frame rebate depth 46 mm/56 mm	478059 •	Unit(s)	/each

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12. Fitting Material DryFix frame fitting

Article	Description	Art. no.	Quantity	€
	Accessories for prefabricated wall F90 B Z61 Wood screws (10 ×), cover sheet, spacers	457623 •	Unit(s)	/each
	Accessories for brickwork / concrete Z64 Countersunk head screws and plugs (10 ×), cover sheet, spacers	457610 •	Unit(s)	/each
	Support dowel set S900 For frame rebate depth 46 mm/56 mm (10 x)	478057 S	Set	/set
	Accessory bag, cover plates DryFix frame A51 10 plates each for frame rebate depth 46 mm/56 mm	478059 •	Unit(s)	/each

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12. Fitting MaterialDouble-shell profile frame fitting

Article	Description	Art. no.	Quantity	€
0000	Trapezoidal anchor – Fitting to brickwork / concrete walls Up to MW 270, 1 trapezoidal anchor for MW	457608 • 457608 •	Unit(s)	/each /each
0000	Trapezoidal anchor – Fitting to F90 A partition walls For MW (1 ×)	500013 •	Unit(s)	/each
	Retaining angle for trapezoidal anchor Z45 (4 ×) Z46 (6 ×) Z47 (8 ×)	479236 • 479237 • 479238 •	Unit(s)	/each /each /each
O O O O O	Accessories – Fitting to F90 A partition walls Z42 Drilling screw (6 x), self-tapping screw (24 x), fitting plate (6 x)	478055 •	Unit(s)	/each

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12. Fitting Material Spacers

Article	Description	Art. no.	Quantity	€
	Self-tensioning spacers – DryFix frames F150 (30×)	457820 •	Unit(s)	/each
	F150 (30 ×) F151 (50 ×) F152 (100 ×)	457821 • 457822 •		/each /each
	Spacers – Block frames, profile frames		Unit(s)	
	F20 MW ≤ 205, 8 × F30 MW > 205 and ≤ 270, 8 × F40 MW > 270, 8 ×	549691 • 549692 • 549693 •		/each /each /each
	F21 $MW \le 205$, $24 \times$ F31 $MW > 205$ and ≤ 270 , $24 \times$ F41 $MW > 270$, $24 \times$	457365 • 457366 • 457367 •		/each /each
	Spacers – Corner frames, profile frames, double-shell, MW < 145		Unit(s)	
	F11 (50 x) F12 (200 x)	548957 • 548958 •		/each /each
	Spacers – Profile frames, double-shell, MW≥145		Unit(s)	
	F100 (30 ×) F110 (100 ×)	457486 • 457487 •		/each /each

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12. Fitting Material Frame assembly

Article	Description	Art. no.	Quantity	€
	Accessory pack – Corner frame, profile frame M10 Fitting set with floor trough With corner brackets, nuts, countersunk head screws, cylinder screws with hexagon socket Double-leaf sheet steel multi-function doors	549044 •	Unit(s)	/each
	Accessory pack - Corner frame, profile frame M11 Fitting set with bottom bush With corner brackets, nuts, countersunk head screws, cylinder screws with hexagon socket SI version	478060 •	Unit(s)	/each
	Accessory pack - Counter frame Z50 With corner brackets, nuts, countersunk head screws, cylinder screws with hexagon socket Sheet steel multi-function doors	548739 •	Unit(s)	/each

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12. Fitting Material Frame assembly

Article	Description	Art. no.	Quantity	€
	Accessory pack – Counter frame Z51 Fitting material for assembling corner frame with counter frame With corner brackets, nuts, countersunk head screws, cylinder screws with hexagon socket, countersunk drilling screw	548740 •	Unit(s)	/each
	✓ Sheet steel multi-function doors Accessory pack – Profile frame B73, block frame type 1		Unit(s)	
	D65 With cylinder screws, screws with extended collar, self-tapping screws ✓ Sheet steel multi-function doors	478090 •		/each
	Accessory pack – Double-shell profile frame Z40 With cylinder screws (for assembly of the counter frame), drilling screws (for assembly of the corner frame with counter frame), hex nuts (for fitting the trapezoidal anchor on the corner frame) H3, RS55, D45, D55	457488 •	Unit(s)	/each

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With mineral wool, profile frame B73 for partition walls

Article	Description	Art. no.	Quantity	y €
			Unit(s)	
	Mineral wool strip set			
	Frame rebate depth 46 mm			
	MW 102	548708	2	_ /eac
	MW 127	548709	፟	_ /eac
	MW 152	548710	፟	_ /eac
	Special MW mm	548711	2	_ /eac
	✓ H3 D, H3 thick rebate, RS 55 thick rebate, D55 thick rebate			
	Frame rebate depth 56 mm			
	MW 102	548712	\$	_ /eac
	MW 127	548713	፟	_ /eac
	MW 152	548714	2	_ /eac
	Special MW mm	548715	2	_ /eac
Annonnonnonnonnonnonnonnonnonnonnonnonno	✓ H3 OD thick rebate, H3 thin rebate, RS 55 thin rebate, D55 thin rebate			
	Frame rebate depth 66 mm			
	Special MW mm	548520	8	_ /eac
	✓ H3 OD thin rebate, D65			

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With mineral wool, block frame type 1

Article	Description	Art. no.	Quantity	€
^	Mineral wool strip set		Unit(s)	
annananananananananananananananananana	Frame rebate depth 46 mm MW 100 Special MW mm ✓ H3 D, H3 thick rebate, RS 55 thick rebate, D55 thick rebate	548704 \$ 548705 \$		/each /each
describerations and the second and the second and secon	Frame rebate depth 56 mm MW 100 Special MW mm ✓ H3 OD thick rebate, H3 thin rebate, RS 55 thin rebate, D55 thin rebate	548706 \$\frac{5}{2}\$		/each /each
	Frame rebate depth 66 mm MW 100 Special MW mm ✓ H3 OD thin rebate, D65	548316 \$ 548316 \$		/each

Customer no.:	Order no.:	
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	Customer name:	Customer name: Shipping address:

With mineral wool, corner frame and counter frame

Article	Description	Art. no.	Quantity	€
			Unit(s)	
	Mineral wool strip set			
	Frame rebate depth 46 mm			
	Up to MW 270 for single-leaf doors	478875	3	/each
	Up to MW 450 for single-leaf doors	478875	3	/each
	Up to MW 270 for double-leaf doors	478875	3	/each
	Up to MW 450 for double-leaf doors	478875	3	/each
(дананананананананананананананананананан	✓ H3 thick rebate, RS 55 thick rebate, D45, D55 thick rebate			
	Frame rebate depth 56 mm			
	Up to MW 270 for single-leaf doors	478876	3	/each
	Up to MW 450 for single-leaf doors	478876	3	/each
	Up to MW 270 for double-leaf doors	478876		/each
TAMARAMANAMANAMANAMANAMANAMANAMANAMANAMAN	Up to MW 450 for double-leaf doors	478876		/each
	✓ H3 thin rebate, RS 55 thin rebate, D55 thin rebate			

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With mineral wool, profile frame

rticle	Description	Art. no.	Quantity	€
			Unit(s)	
	Mineral wool strip set			
	Frame rebate depth 46 mm			
	Up to MW 270 for single-leaf doors	478869	3	/ea
^	Up to MW 450 for single-leaf doors	478869		/ea
	Up to MW 270 for double-leaf doors	478869		/ea
	Up to MW 450 for double-leaf doors	478869	3	/ea
	✓ H3 thick rebate, RS 55 thick rebate, D45, D55 thick rebate			
	Frame rebate depth 56 mm			
	Up to MW 270 for single-leaf doors	478870		/e
	Up to MW 450 for single-leaf doors	478870	3	/ea
	Up to MW 270 for double-leaf doors	478870	3	/e
	Up to MW 450 for double-leaf doors	478870	3	/e
ранияния политература в политерательной в политература в полительной в полительной в полительной в полительной	✓ H3 thin rebate, RS 55 thin rebate, D55 thin rebate			
	Frame rebate depth 66 mm			
	Up to MW 270 for single-leaf doors	478871	3	/e
	Up to MW 450 for single-leaf doors	478871	3	/e
	Up to MW 270 for double-leaf doors	478871	3	/e
	Up to MW 450 for double-leaf doors	478871		/e
	✓ H3 thin rebate, RS 55 thin rebate, D55 thin rebate			

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With mineral wool, double-shell profile frame (frame depth 76 mm)

Article	Description	Art. no.	Quantity	€
			Unit(s)	
	Mineral wool strip set			
	Frame rebate depth 46 mm			
	Up to MW 270 for single-leaf doors	457951		/each
	Up to MW 450 for single-leaf doors	457951		/each
	Up to MW 270 for double-leaf doors	457951		/each
	Up to MW 450 for double-leaf doors	457951		/each
Annanananananananananananananananananan	✓ H3 thick rebate, RS 55 thick rebate, D45, D55 thick rebate			
	Frame rebate depth 56 mm			
	Up to MW 270 for single-leaf doors	457952		/each
	Up to MW 450 for single-leaf doors	457952		/each
	Up to MW 270 for double-leaf doors	457952		/each
	Up to MW 450 for double-leaf doors	457952		/each
	✓ H3 thin rebate, RS 55 thin rebate, D55 thin rebate			

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With gypsum board, profile frame B73 for partition walls

Article	Description	Art. no.	Quantity	€
			Unit(s)	
	Fitting kit GKB strips			
	Frame rebate depth 46 mm			
	MW 100	548965		/ea
	MW 125	548966		/ea
	MW 150	548967		/ea
	Special MW mm	548968		/ea
	✓ H3 D, H3 thick rebate, RS 55 thick rebate, D55 thick rebate			
	Frame rebate depth 56 mm			
	MW 100	548969		/ea
	MW 125	548970		/ea
	MW 150	548971		/ea
	Special MW mm	548972		/ea
	✓ H3 thin rebate, RS 55 thin rebate, D55 thin rebate			
	Frame rebate depth 66 mm			
	MW 100	548973		/ea
	MW 125	548973	3	/ea
	MW 150	548973		/e
	Special MW mm	548973	3	/e
	✓ H3G, D65			
, a l	Frame rebate depth 56 mm			
•	MW mm (≤ 150 mm)	478193		/ea
	MW mm (> 150 mm)	478193		/ea
	✓ H3 OD thick rebate, H6 thick rebate, H16 thick rebate			
	Frame rebate depth 66 mm			
	MW mm (≤ 150 mm)	478087	3	/ea
	MW mm (> 150 mm)	478087		/e
	✓ H3 OD thin rebate, H6 thin rebate, H16 thin rebate			

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With gypsum board, block frame type 1

Article	Description	Art. no.	Quantity	€
			Unit(s)	
	Fitting kit GKB strips			
	Frame rebate depth 46 mm			
	MW 100	548724	2	/each
	Special MW mm	548724	2	/each
	✓ H3D, H3 thick rebate, RS55 thick rebate, D45, D55 thick rebate			
	Frame rebate depth 56 mm			
	MW 100	548725	2	/each
	Special MW mm	548725	2	/each
	✓ H3 thin rebate, RS 55 thin rebate, D55 thin rebate, H6, H16 thick rebate, H3 OD thin rebate			
	Frame rebate depth 66 mm			
	MW 100	548726	፟	/each
	Special MW mm	548726	2	/each
	✓ H3 OD thin rebate, H6, H16 thin rebate, D65			

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With gypsum board, corner frame with counter frame

Article	Description	Art. no.	Quantity	€
	Fitting kit GKB strips		Unit(s)	
	Frame rebate depth 46 mm Special MW mm ✓ H3D, H3 thick rebate, RS55 thick rebate, D45, D55 thick rebate	478353	\$ 	/each
	Frame rebate depth 56 mm Special MW mm ✓ H3 thin rebate, RS 55 thin rebate, D55 thin rebate	478354	\$ 	/each
	Frame rebate depth 66 mm Special MW mm H3 OD thin rebate, H3G-1	548461	\$ 	/each
			Unit(s)	
	Fitting kit GKB strips			
	Frame rebate depth 56 mm Special MW mm ✓ T60 doors, T90 doors	478364	\$ 	/each
	Frame rebate depth 66 mm Special MW mm H3 OD thin rebate, T60 doors, T90 doors	478127	\$ 	/each

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14. Glazing FramesRectangular glazing, steel

et of galvanized and primed steel glazing frames Clear view 15 mm × 385 mm 40 mm × 385 mm	546245 2	Set	
Glear view 15 mm × 385 mm		,	
15 mm × 385 mm		,	
		?	
40 mm × 385 mm			/s
	546245		/s
65 mm×385 mm	546245		/s
28 mm×385 mm	546245	3	/s
90 mm×385 mm	546245	3	/s
15 mm×385 mm	546245	; 	/s
15 mm × 635 mm			/:
40 mm × 635 mm			/:
65 mm × 635 mm	546245	,	/:
28 mm × 635 mm	546245) 	/:
90 mm × 635 mm	546245	3	/:
15 mm × 635 mm	546245	٠	/:
40 mm×815 mm			/:
15 mm × 815 mm			/:
40 mm × 815 mm			/:
65 mm × 815 mm			/:
28 mm × 815 mm	546245	3	/:
90 mm×815 mm	546245) 	/:
15 mm × 815 mm	546245	3	/:
pecial			
/idth: mm × height: mm	546245	·	/s
Sheet steel multi-function doors			
	90 mm × 385 mm 15 mm × 635 mm 16 mm × 635 mm 16 mm × 635 mm 15 mm × 635 mm 16 mm × 635 mm 17 mm × 635 mm 18 mm × 635 mm 19 mm × 635 mm 19 mm × 815 mm 19 mm × 815 mm 19 mm × 815 mm 10 mm × 815 mm	30 mm × 385 mm 546245 \$\frac{1}{2}\$ 15 mm × 635 mm 546245 \$\frac{1}{2}\$ 40 mm × 635 mm 546245 \$\frac{1}{2}\$ 55 mm × 635 mm 546245 \$\frac{1}{2}\$ 28 mm × 635 mm 546245 \$\frac{1}{2}\$ 20 mm × 635 mm 546245 \$\frac{1}{2}\$ 40 mm × 815 mm 546245 \$\frac{1}{2}\$ 28 mm × 815 mm 546245 \$\frac{1}{2}\$ 30 mm × 815 mm 546245 \$\frac{1}{2}\$ 40 mm × 815 mm<	546245

	Customer no.:	Order no.:	
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	Place/date:		Stamp and signature

Glass version / thickness:

14. Glazing FramesRectangular glazing, stainless steel

et of stainless steel glazing frames ear view 5 mm × 385 mm 0 mm × 385 mm 5 mm × 385 mm 8 mm × 385 mm 0 mm × 385 mm	547016 5	Set	/se /se
ear view 5 mm × 385 mm 0 mm × 385 mm 5 mm × 385 mm 8 mm × 385 mm 0 mm × 385 mm	547016 5	Z	
5 mm × 385 mm 0 mm × 385 mm 5 mm × 385 mm 8 mm × 385 mm 0 mm × 385 mm	547016 5	Z	
0 mm × 385 mm 5 mm × 385 mm 8 mm × 385 mm 0 mm × 385 mm	547016 5	Z	
5 mm × 385 mm 8 mm × 385 mm 0 mm × 385 mm	547016		/e
8 mm×385 mm 0 mm×385 mm		ə	/3
0 mm×385 mm	E 47040	₹	/s
	547016	록	/s
		፟፟፟፟፟፟፟፟፟፟፟፟፟፟፟፟፟፟፟፟፟፟፟፟፟፟፟፟፟፟፟፟፟፟፟	/s
5 mm × 385 mm		Z	/s
5 mm×635 mm	547016	3	/s
0 mm × 635 mm	547016	₫	/s
5 mm × 635 mm	547016	፯	/s
8 mm × 635 mm	547016	☑	/:
0 mm×635 mm			/s
5 mm × 635 mm			/s
0 mm×815 mm	547016	፟፟፟፟፟፟፟፟፟፟፟፟፟፟፟፟፟፟፟፟፟፟፟፟፟፟፟፟፟፟፟፟፟፟፟	/s
5 mm × 815 mm	547016	☑	/s
0 mm×815 mm	547016	☑	/s
5 mm × 815 mm	547016	፯	/:
8 mm × 815 mm			/s
0 mm × 815 mm			/s
5 mm×815 mm			/s
pecial			
dth: mm × height: mm	547016	3	/s
Sheet steel multi-function doors			
	0 mm × 635 mm 6 mm × 635 mm 8 mm × 635 mm 0 mm × 635 mm 6 mm × 635 mm 6 mm × 815 mm 6 mm × 815 mm 7 mm × 815 mm 8 mm × 815 mm 8 mm × 815 mm 9 mm × 815 mm 6 mm × 815 mm 7 mm × 815 mm 8 mm × 815 mm 9 mm × 815 mm 9 mm × 815 mm 9 mm × 815 mm 9 mm × 815 mm	0 mm × 635 mm 547016 5 mm × 635 mm 547016 3 mm × 635 mm 547016 5 mm × 635 mm 547016 5 mm × 635 mm 547016 5 mm × 815 mm 547016	0 mm × 635 mm 547016 \$ 5 mm × 635 mm 547016 \$ 0 mm × 635 mm 547016 \$ 0 mm × 635 mm 547016 \$ 5 mm × 635 mm 547016 \$ 5 mm × 815 mm 547016 \$

(please specify additionally)	
Door variant:	
Glass version / thickness:	

	Customer no.:	Order no.:	
ER	Customer name:		
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	Place / date:		Stamp and signature

14. Glazing Frames Round glazing, steel

Article	Description	Art. no.	Quantity	€
			Set	
	Set of galvanized and primed steel glazing frames			
	Clear view			
	Profile height 10.5 mm			
	Ø 300 mm	546957		/set
	Ø 400 mm	546957		/set
	Ø 500 mm	546957		/set
	Profile height 15.5 mm			
	Ø 300 mm	454449 🛣		/set
	Ø 400 mm	454449 🖫		/set
	Ø 500 mm	454449 🛣		/set
	Profile height 20.5 mm			
	Ø 300 mm	454448 🖫		/set
	Ø 400 mm	454448 🖫		/set
	Ø 500 mm	454448 🖫		/set
	Profile height 25.5 mm			
	Ø300 mm	548703		/set
	Ø 400 mm	548703		/set
	Ø 500 mm	548703		/set
	✓ See table			

Ordering information:	
(please specify additionally)	
Door variant:	
Glass version / thickness:	

Glazing frame / profile height	Door leaf thickness	Glass thickness
10.5 mm	45 mm	17 – 20 mm
10.5 11111	65 mm	37 mm
	45 mm	7 mm
15.5 mm	55 mm	17 – 20 mm
	65 mm	28 mm
20.5 mm	65 mm	17 – 20 mm
20.3 11111	55 mm	6-7 mm
25.5 mm	65 mm	6-7 mm
25.5 11111	_	_

Glazing frame for doors with 21 mm fire-proof glass on request

	Customer no.:	Order no.:	
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Ш	Customer name:		
RD			
ď	Shipping address:		
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	Place / date:		Stamp and signature

14. Glazing FramesRound glazing, stainless steel

Article	Description	Art. no.	Quantity	€
			Set	
	Set of stainless steel glazing frames			
	Clear view			
	Profile height 10.5 mm			
	Ø 300 mm	547306		/set
	Ø 400 mm	547306		/set
	Ø 500 mm	547306		/set
	Profile height 15.5 mm			
	Ø 300 mm	547305		/set
	Ø 400 mm	547305		/set
	Ø 500 mm	547305		/set
0	Profile height 20.5 mm			
	Ø 300 mm	547304 🛭		/set
	Ø 400 mm	547304 🖁		/set
	Ø 500 mm	547304 🖫		/set
	✓ See table			

Ordering information:	
(please specify additionally)	
Door variant:	
Glass version / thickness:	

Glazing frame / profile height	Door leaf thickness	Glass thickness
10.5 mm	45 mm	17 – 20 mm
10.5 11111	65 mm	37 mm
	45 mm	7 mm
15.5 mm	55 mm	17 – 20 mm
	65 mm	28 mm
20.5 mm	55 mm	6-7 mm
20.5 11111	65 mm	17 – 20 mm

Glazing frame for doors with 21 mm fire-proof glass on request

	Customer no.:	Order no.:	
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Ш	Customer name:		
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	Place / date:		Stamp and signature

14. Glazing FramesRectangular glazing, aluminium

Article	Description	Art. no.	Quantity	€
	Set of aluminium cover profiles Clear view Special Width: mm × height: mm Sheet steel multi-function doors	546246 🛣	Set	/set
Ordering information: (please specify additionally) Door variant:				
Glass version/thickness:				

	Customer no.:	Order no.:	
E B	Customer name:		
RD			
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	Place / date:		Stamp and signature

15. GlazingsClear fire-proof glass, 17 mm

Article	Description	Art. no.	Quantity	€
			Set	
	Promaglas 30 – 17 mm, clear view			
	140 mm × 815 mm	547260 🛣		/Set
	215 mm × 815 mm	547269		/Set
	340 mm × 815 mm	547261		/Set
^	465 mm × 815 mm	547262		/Set
	528 mm × 815 mm	547393		/Set
	590 mm × 815 mm	547263		/Set
	715 mm × 815 mm	547264 💈		/Set
M_{i}	215 mm × 1280 mm	547270 🙎		/Set
	340 mm × 1280 mm	547265		/Set
	465 mm × 1280 mm	547266		/Set
	528 mm × 1280 mm	547393		/Set
	590 mm × 1280 mm	547267		/Set
1/2	715 mm × 1280 mm	547268		/Set
	Up to 0.5 m ² to choose	547393		/Set
	Up to 0.8 m ² to choose	547393		/Set
	Up to 1.2 m ² to choose	547393		/Set
	Up to 1.6 m ² to choose	547393 🖫		/Set
	Up to 2.0 m ² to choose	547393		/Set
	Up to 2.5 m ² to choose	547393		/Set
	✓ H3D, H3, H3 OD			
			Set	
	Promaglas 30 – 17 mm, clear view			
1/1,	Ø 300 mm	547974		/Set
	Ø 400 mm	547975		/Set
1/1/2	Ø 500 mm	547976		/Set
				,
	✓ H3D, H3			

(please provide additionally)

Door variant:

Clear view (W × H):

	Customer no.:	Order no.:	
ER	Customer name:		
RD	Shipping address:		
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	Place / date:		Stamp and signature

15. GlazingsClear fire-proof glass, 21 mm, class P4A

Article	Description	Art. no.	Quantity	€
	Promaglas 30 type 10 – 21 mm, clear view		Set	
	Up to 0.5 m ² to choose	503245		/Set
	Up to 0.8 m ² to choose Up to 1.2 m ² to choose	503245 3 503245 3		/Set
	✓ H3 RC 2			
	Promaglas 30 type 10 – 21 mm, clear view		Set	
	Ø 300 mm	503244 🖫	1	/Set
1/1/2	Ø 400 mm	503244 🖫		/Set
	Ø 500 mm ✓ H3 RC 2	503244 🖫		/Set

Order details: please provide additionally)		
Door variant:		
Clear view (W×H):	 	

	Customer no.:	Order no.:	
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	Place / date:		Stamp and signature

15. Glazings Clear fire-proof glass, 37 mm

Article	Description	Art. no.	Quantity	€
			Set	
	Promaglas 90 – 37 mm, clear view			
	140 mm × 815 mm	547705		/Set
	215 mm × 815 mm	547706		/Set
	340 mm × 815 mm	547707		/Set
•	465 mm × 815 mm	547708		/Set
	528 mm × 815 mm	547540 🛣		/Set
	590 mm × 815 mm	547709		/Set
	715 mm × 815 mm	547710 🙎		/Set
1/1	215 mm × 1280 mm	547711		/Set
	340 mm × 1280 mm	547712		/Set
	465 mm × 1280 mm	547713		/Set
	528 mm × 1280 mm	547540 🛣		/Set
	590 mm × 1280 mm	547714		/Set
1/62	715 mm × 1280 mm	547715		/Set
	Up to 0.5 m ² to choose	547540 🔉		/Set
	Up to 0.8 m ² to choose	547540 🛣		/Set
	Up to 1.2 m ² to choose	547540 🔹		/Set
	Up to 1.6 m ² to choose	547540 🛣		/Set
	Up to 2.0 m ² to choose	547540 🛣		
	Up to 2.5 m ² to choose	547540		
	✔ H6, H16			
			Set	
	Promaglas 90 – 37 mm, clear view			
/ <i>ffilis</i>	Ø 300 mm	547980 🛣		/Set
	Ø 400 mm	547981		/Set
11/2	Ø 500 mm	547982		/Set
	✓ H6, H16			

Order details: (please provide

additionally)

Door variant:

Clear view (W \times H):

	Customer no.:	Order no.:		
ER	Customer name:			
RD	Shipping address:			
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	Place/date:		Stamp and signature	

15. GlazingsClear fire-proof glass, 37 mm, class P6B

Article	Description	Art. no.	Quantity	€
	Promaglas 90 – 37 mm, clear view		Set	
	Up to 0.5 m ² to choose Up to 0.8 m ² to choose	547540 \$ 547540 \$		/Set
	Up to 1.2 m ² to choose	547540 🛣	1 1	/Set
102	✓ H6 RC2, H16 RC2			
	Promaglas 90 – 37 mm, clear view		Set	
	Ø 300 mm	547980	1	/Set
ffer 1	Ø 400 mm Ø 500 mm	547981 3 547982 3	1 1	/Set
	✓ H6, H16			
Order details: (please provide additionally)				
Door variant:				

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DE	Customer name:			
l CC	Shipping address:			
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	Place / date:		Stamp and signature	

Clear view (W \times H):

15. GlazingsLaminated safety glass 6 mm / 18 mm

Article	Description	Art. no.	Quantity	€
			Set	
	Laminated safety glass 6 mm, clear view			
	Up to 0.5 m ² to choose	503245	&	/Se
	Up to 1.0 m ² to choose	503245	2	/Se
	Up to 1.7 m ² to choose	503245	Z	/Se
	Up to 2.0 m ² to choose	503245	2	/Se
	Up to 2.5 m ² to choose	503245	&	/Se
N,	✓ RS 55, D65, D65 OD			
			Set	
21/	Laminated safety glass 18 mm, clear view (6 mm laminated safety glass/pane gap/4 mm laminated safety glass)			
	(6 mm laminated safety glass) parie gap7 4 mm laminated safety glass)			
	Up to 0.5 m ² to choose	503245	2	/S
	Up to 1.0 m ² to choose	503245	2	/Se
	Up to 1.7 m ² to choose	503245	&	/Se
	Up to 2.0 m ² to choose	503245	&	/Se
	Up to 2.5 m ² to choose	503245	2	/Se
	✓ RS 55, D65, D65 OD			
			Set	
	Laminated safety glass 6 mm, clear view			
	Ø 300 mm	503244	&	/Se
	Ø 400 mm	503244	2	/S
	Ø 500 mm	503244	&	/S
	✔ RS 55, D65, D65 OD			
(/ins			Set	
	Laminated safety glass 18 mm, clear view (6 mm laminated safety glass/pane gap/4 mm laminated safety glass)			
	Ø 300 mm	503244	&	/S
	Ø 400 mm	503244	8	/S
	Ø 500 mm	503244	2	/Se
	✔ RS 55, D65, D65 OD			
order details: blease provide dditionally)				
oor variant:				
lear view (W×H):				

Order details: (please provide additionally)	
Door variant:	
Clear view (W x H):	

	Customer no.:	Order no.:	
ER	Customer name:		
RD	Shipping address:		
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	Place/date:		Stamp and signature

15. GlazingsWired glass 7 mm / 20 mm

Article	Description	Art. no.	Quantity	€
			Set	
	Wired glass 7 mm, clear view			
	Up to 0.5 m ² to choose	503245		/Se
	Up to 1.0 m ² to choose	503245 🛣		/Se
	Up to 1.7 m ² to choose	503245		/Se
	Up to 2.0 m ² to choose	503245 🖫		/Se
	Up to 2.5 m ² to choose	503245		/Se
	✔ RS 55, D65, D65 OD			
	Wired glass 20 mm, clear view		Set	
	(7 mm wired glass/pane gap/4 mm float glass)			
		500045		(0
	Up to 0.5 m ² to choose	503245	1	/Se
	Up to 1.0 m ² to choose	503245		/Se
	Up to 1.7 m ² to choose Up to 2.0 m ² to choose	503245 3 503245 3	1	/Se
	Up to 2.5 m² to choose	503245		/Se
		000240		700
	✓ RS 55, D65, D65 OD			
	Wired glass 7 mm, clear view		Set	
	Ø 300 mm	503244 🗟		/Se
	Ø 400 mm	503244 🛣	i i	/Se
	Ø 500 mm	503244 🖫		/Se
	✓ RS 55, D65, D65 OD			
	Wired glass 20 mm, clear view		Set	
	(7 mm wired glass/pane gap/4 mm float glass)			
	Ø 300 mm	503244 💈		/Se
	Ø 400 mm	503244	1 1	/Se
	Ø 500 mm	503244		/Se
	✔ RS 55, D65, D65 OD			
Order details:	I			
olease provide additionally)				
Door variant:				
Clear view (W × H):				

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	Customer no.:	Order no.:	
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	Place/date:		Stamp and signature

15. GlazingsSingle-pane safety glass 6 mm, wired plate glass 7 mm, wired compound security glass 6 mm

Article	Description	Art. no.	Quantity	€
			Set	
	Single-pane safety glass 6 mm, clear view			
11/2	Up to 0.5 m ² to choose	503245		/Set
	Up to 1.0 m ² to choose	503245 🖫		/Set
	Up to 1.7 m ² to choose	503245		/Set
	Up to 2.0 m ² to choose	503245		/Set
	Up to 2.5 m ² to choose	503245		/Set
1/2	✓ RS 55, D65, D65 OD			
			Set	
	Wired plate glass 7 mm, clear view			
	Up to 0.5 m ² to choose	503245		/Set
	Up to 1.0 m ² to choose	503245	1	/Set
	Up to 1.7 m ² to choose	503245	1	/Set
	Up to 2.0 m ² to choose	503245	1	/Set
	Up to 2.5 m ² to choose	503245		/Set
	✓ RS 55, D65, D65 OD			
			Set	
	Wired compound security glass 6 mm, clear view			
	Up to 0.5 m ² to choose	503245		/Set
	Up to 1.0 m ² to choose	503245	1	/Set
	Up to 1.7 m ² to choose	503245	i i	/Set
	Up to 2.0 m ² to choose	503245	1	/Set
	Up to 2.5 m ² to choose	503245 🛣		/Set
	₩ DO EE DOE DOE OD			
	✓ RS 55, D65, D65 OD			
Order details:				
(please provide				
additionally)				
Door variant:				

Order details: (please provide additionally)	
Door variant:	
Clear view (W×H):	

	Customer no.:	Order no.:	
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Ш	Customer name:		
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2	Shipping address:		
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	Place / date:		Stamp and signature

15. GlazingsSingle-pane safety glass 6 mm, wired plate glass 7 mm, wired compound security glass 6 mm

Article	Description	Art. no.	Quantity	€
	Single-pane safety glass 6 mm, clear view		Set	
	Ø 300 mm	503244 🖫		/Set
1/1/1/2	Ø 400 mm	503244 🖫		/Set
	Ø 500 mm	503244 📓		/Set
	✔ RS 55, D65, D65 OD			
	Wired plate glass 7 mm, clear view		Set	
	Ø 300 mm	503244		/Set
	Ø 400 mm	503244	1 1	/Set
	Ø 500 mm	503244	1	/Set
	✓ RS 55, D65, D65 OD			
	Wired compound security glass 6 mm, clear view		Set	
	Ø 300 mm	503244 🛣		/Set
	Ø 400 mm	503244 🛣		/Set
	Ø 500 mm	503244 🛣		/Set
	✔ RS 55, D65, D65 OD			
Order details: (please provide additionally)		·		
Door variant:				
Clear view (W×H):				

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	Customer no.:	Order no.:	
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	Place / date:		Stamp and signature

15. GlazingsLaminated safety glass 18 mm class P6B, 28 mm class P7B

Article	Description	Art. no.	Quantity	€
	Laminated safety glass – 18 mm class P6B		Set	
•	Clear view			
	Up to 0.5 m ² to choose	503245	<u> </u>	/Set
	Up to 0.8 m ² to choose	503245	X	/Set
11	Up to 1.0 m ² to choose	503245		/Set
	✔ RC2			
			Set	
1/02	Laminated safety glass – 28 mm class P7B Clear view			
	Up to 0.5 m ² to choose	503245	<u> </u>	/Set
	Up to 0.8 m ² to choose	503245	R	/Set
	Up to 1.0 m ² to choose	503245		/Set
	✔ RC3			
	Laminated safety glass – 18 mm class P6B		Set	
	Clear view			
(,,,)	Ø 300 mm	503244	ß	/Set
1/1/2	Ø 400 mm	503244	B	/Set
	Ø 500 mm	503244	K	/Set
	✔ RC2			

Order details:

(please provide additionally)

Door variant:

Clear view (W × H):

	Customer no.:	Order no.:	
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	Place / date:		Stamp and signature

15. Glazings Ventilation grilles

Article	Description	Art. no.	Quantity	€
	Set of ventilation grilles		Set	
	Overall frame dimension (= ordering size)			
	305 mm × 365 mm 430 mm × 365 mm 555 mm × 365 mm 680 mm × 365 mm 805 mm × 365 mm 1055 mm × 365 mm	546515 \$\bigs_546515 \$\bigs_54		/Se /Se /Se /Se /Se
	Special Width: mm × height: mm ✓ D45, D55, D65, D65 OD	546515		

	Customer no.:	Order no.:	
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ER	Customer name:		
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	Shipping address:		
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	Place/date:		Stamp and signature

Threshold profile / bottom profile

Article	Description	Art. no.	Quantity	€
			Unit(s)	
	Aluminium threshold profile with seal			
	BRM width			
	625 mm	548974	:	/each
	750 mm	548975		/each
	875 mm	548976		/each
	1000 mm	548977		/each
	1125 mm	548978		/each
	1250 mm	548979 🖫		/each
	Special mm	548980		/each
	1500 mm	451664		/each
	1750 mm	451667		/each
•	2000 mm	451669		/each
	2125 mm	451671		/each
	2250 mm	452444 💈		/each
	2500 mm	452545		/each
	Special mm	449836		/each
	✓ Sheet steel multi-function doors			
			Unit(s)	
	Aluminium bottom profile with seal, with stepped threshold			
	BRM width			
	625 mm	478077		/each
	750 mm	548128		/each
	875 mm	548129	:	/each
	1000 mm	548130		/each
	1125 mm	548131 🖫		/each
	1250 mm	548132		/each
	Special mm	463388		/each
	1500 mm	478078		/each
	1750 mm	478079		/each
	2000 mm	478080		/each
~	2125 mm	478081		/each
	2250 mm	478082		/each
	2500 mm	478083		/each
	Special mm	463388		/each
	✓ Sheet steel multi-function doors			

	Customer no.:	Order no.:	
ER	Customer name:		
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	Place/date:		Stamp and signature

Retractable bottom seal

Article	Description	Art. no.	Quantity	€
	Retractable bottom seal		Unit(s)	
	625 mm 750 mm 875 mm 1000 mm 1125 mm 1250 mm Special mm ✓ Single-leaf sheet steel multi-function doors ✓ SI doors RC3, RC4 with multiple-point locking	457222 & 547740 & 547741 & 547742 & 547743 & 547744 & 547775 & \$		/each /each /each /each /each /each
	Retractable bottom seal		Unit(s)	
	625 mm 750 mm 875 mm 1000 mm 1125 mm 1250 mm Special mm	478542 & 478543 & 478544 & 478545 & 478546 & 478547 & 500193 & \$\existsymbol{\infty}\$		/each /each /each /each /each /each
	Fitting accessories for retractable bottom seal		Unit(s)	
	Z1 with blind rivets, sealing wedge✓ Sheet steel multi-function doors	548738 •		/each
	Z2 with cover plates, blind rivets, sealing wedge ✓ HS75, H16 S	548912 •		/each
	Protruding threshold		Unit(s)	
	Special Width: mm Sheet steel multi-function doors	501982 •		37.00 /each

DER		Order no.:	
RD	Shipping address:		
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	Place/date:		Stamp and signature

Retractable bottom seal

rticle	Description	Art. no.	Quantity	€
			Unit(s)	
	Retractable bottom seal			
	For traffic leaf			
	750 mm	457225		/ea
	875 mm	547745		/ea
	1000 mm	547746		/ea
	1063 mm	547747 🕏		/ea
	1125 mm	547748 🖫		/ea
	1250 mm	547749		/ea
	Special mm	547776		/ea
	For fixed leaf			
	500 mm	547757		/ea
	625 mm	457228		/ea
	750 mm	457229		/ea
	875 mm	547758		/ea
-	1000 mm	547759		/ea
	1062 mm	547760		/ea
	1125 mm	547761		/ea
	1250 mm	547762		/ea
	Special mm	547778		/ea
	Opecial mm	041110		700
	✓ Double-leaf sheet steel multi-function doors			
	✗ OD doors, T60-2, T90-2, D65			
			Unit(s)	
	Retractable bottom seal		OTTIC(O)	
	For traffic last or fixed last			
	For traffic leaf or fixed leaf 500 mm	547750 🛣		/e
	625 mm	457217		/e
	750 mm	457218		/e
	875 mm	547751		/e
	1000 mm	547752		/e
	1062 mm	547753		/e
	1063 mm	547754		/e
	1125 mm	547755		/e
	1250 mm	547756		/e:
	Special mm	547777		/e
				,,,,
	✓ H6, H16, D65, H_60D			
	H3 OD, H3 VM, H16 OD		1 1	

	Customer no.:	Order no.:		
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	Shipping address:			
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	Place/date:		Stamp and signature	

Brush seal

Article	Description	Art. no.	Quantity	€
	Brush seal		Unit(s)	
	BRM width			
	875 mm	546291 •		/each
	1000 mm	546292 •		/each
P	1125 mm	546293 •		/each
	1250 mm	546294 •		/each
	✓ H3D, H3, H3 OD, D45, D55, D65, D65 OD			
Ordering information:				

Ordering information: (please specify additionally)	
Door variant:	
Leaf: Single-leaf/traffic leaf/ fixed leaf	

	Customer no.:	Order no.:	
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	Place / date:		Stamp and signature

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17. Hold-Open Device Smoke sensors / smoke detectors

Article	Description	Art. no.	Quantity	€
	Smoke sensor/smoke detector		Unit(s)	
	ORS 142 with bottom section 143 A, ceiling fitting ORS 142 with bottom section 143 W, lintel fitting	451320 • 454956 •		/each /each
	Dorma RM for lintel and ceiling fitting Dorma RM N for ceiling fitting ✓ Sheet steel multi-function doors	548294 • 548295 \$		/each /each
	Smoke sensor insert ORS 142 with dust protection cap ✓ Sheet steel multi-function doors	454908 •	Unit(s)	/each
	Smoke sensor bottom section 143 W, lintel fitting Sheet steel multi-function doors	538450 •	Unit(s)	/each
	Smoke sensor bottom section 143 A, ceiling fitting ✓ Sheet steel multi-function doors	454925 •	Unit(s)	/each
200	Smoke sensor control / smoke switch control unit Geze RSZ 6, lintel fitting Dorma RMZ (Contur) for lintel fitting ✓ Sheet steel multi-function doors	546517 • 548426 •	Unit(s)	/each /each
Tury or schillen	Push button Surface-mounted / recessed ✓ Sheet steel multi-function doors	454909 •	Unit(s)	/each

	Customer no.:	Order no.:		
EB	Customer name:			
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	Place/date:		Stamp and signature	

17. Hold-Open Device Magnet / transformer / button

Article	Description	Art. no.	Quantity	€
			Unit(s)	
	Door magnet with floor fitting			
	With standard anchor	451304 •		/each
	With angle anchor	457427		/each
	With telescopic anchor	457428		/each
		107 120		700011
	✓ Sheet steel multi-function doors			
-			Unit(s)	
	Door magnet with wall fitting			
	With standard anchor	451312 •		/each
	With angle anchor	457429 •		/each
	With telescopic anchor	457430 🖫		/each
	With next subspacion 450 mm			
	With post extension 150 mm With standard anchor	452670 •		/each
	With angle anchor	457431		/each
	With telescopic anchor	457432		/each
	With post extension 300 mm			
	With standard anchor	452688 •		/each
	With tall a spring or all an	457433 3 457435 3		/each
	With telescopic anchor	457435		/each
	With post extension 450 mm			
	With standard anchor	452696 •		/each
	With angle anchor	457436 🖫		/each
	With telescopic anchor	457437		/each
	✓ Sheet steel multi-function doors			
			Unit(s)	· · · · · · · · · · · · · · · · · · ·
⊕			(-/	
Tor schließen o A	Hold-open device control centre FSZ Basis	478881 •		/each
HEXATRON D GET ROOSE	✓ Sheet steel multi-function doors			
· · · · · · · · · · · · · · · · · · ·	Shoot steel main failure agree			

	Customer no.:	Order no.:	
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	Place / date:		Stamp and signature

18. Electric Extras

Electric door strikes

Article	Description	Art. no.	Quantity	€
	Fire protection electric strike (working current principle)		Unit(s)	
	12−24 V AC/DC li/re 12−24 V AC/DC RR li/re ✓ H3D, H3, H6-1, H16-1, H16 S, H16 G-1 up to BR height 2874 mm, H6-2, H16-2 without anti-panic function	479146 479147	•	/each /each
	12 – 24V AC/DC LH hinged 12 – 24V AC/DC RH hinged 12 – 24V AC/DC RR LH hinged 12 – 24V AC/DC RR RH hinged ✓ H6-2, H16-2 and D65-2 with anti-panic function fitted in the panic espagnolette lock	548545 548546 548547 548548	• 24 24 24 24 24 24 24 24 24 24 24 24 24	/each /each /each

AC 1-phase current
DC 3-phase current
Electric strikes without lock plates! Appropriate lock plates available on request.

DER	Customer no.: Customer name:	Order no.:	
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	Place / date:		Stamp and signature

18. Electric Extras

Electric door strike, basic model

Article	Description	Art. no.	Quantity	€
			Unit(s)	
	Electric strike, Basic model left/right			
	Basic (working current principle)			
	6-12 V AC/DC	478136	•	/each
	6-12 V AC/DC E (mechanical release)	478138	•	/each
	6-12 V AC/DC RR	478139	•	/each
	12 V DC RR	478349	•	/each
	24 V DC	478137	•	/each
	12-24 V AC/DC Lucky Strike (incl. GL module)	478140	•	/each
	12-24 V AC/DC RR Lucky Strike (incl. GL module)	478141	•	/each
	✓ E45, E55, D45, D55, D65-1 and D65-2 without anti-panic function, D65 OD			
	Basic Smoke Lucky Strike (working current principle)			
	12 – 24 V AC/DC	478144		/each
	12-24 V AC/DC RR	478145	•	/each
	✔ RS 55			
	Basic Safe (static current circuit principle)			
	12 V DC	478142	3	/each
	24 V DC	478143	3	/each
	12 V DC RR	478202		
	24 V DC RR	478203		
	✓ E45, E55, D45, D55, D65-1 and D65-2 without anti-panic function, D65 OD			

RR With signalling contact

AC 1-phase current
DC 3-phase current
Electric strikes without lock plates! Appropriate lock plates available on request.

	Customer no.:	Order no.:	
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Ш	Customer name:		
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	Place/date:		Stamp and signature

18. Electric Extras

Electric parts

Article	Description	Art. no.	Quantity	€
			Unit(s)	
	Latch contact			
	031309, VDS class C	454864 •		/each
	SMART, VDS class C	454852 •		/each
	SKA 100/IP 67	547107 •		/each
	✓ Sheet steel multi-function doors			
6			Unit(s)	
	Reed contact			
	Meder, VDS class B	469076 •		/each
	EMK 84S, VDS class C	545133		/each
	✓ Sheet steel multi-function doors			
	• Groot door mail randion doors			
<u> </u>			Unit(s)	
	Alarm contact element			
	EAK 8320.0	452308 •		/each
	EFF1/019030	452310 •		/each
	019033 with magnetic contact	547380 •		/each
	✓ Sheet steel multi-function doors			
			Unit(s)	
	Escape door opener Without lock plate			
	With lock plate			
	TV 500 RR 24 V, left	453195 •		/each
	TV 500 RR 24 V, right	454935 •		/each
	TV 500 RR 12 V, left	478566		/each
	TV 500 RR 12 V, right	478567		/each
	Catab look 907 10 as counter piece	446376 •		/each
	Catch lock 807 10 as counter piece	4403/0		/eacn
	✓ Sheet steel multi-function doors			

	Customer no.:	Order no.:	
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	Place/date:		Stamp and signature

19. Frame lock plate Closing noise absorber

Article	Description	Art. no.	Quantity	€
			Unit(s)	
	Closing noise absorber for catch and bolt			
	For frame rebate depth 46 mm			
	Left-hand hinged	457502 •		/eac
	Right-hand hinged	457594 •		/each
	For frame rebate depth 56 mm			
	Left-hand hinged	457503 •		/each
	Right-hand hinged	457595 •		/eacl
	For frame rebate depth 66 mm			
	Left-hand hinged	457504 •		/each
	Right-hand hinged	457596 •		/each
	✓ Single-leaf sheet steel multi-function doors			

	Customer no.:	Order no.:	
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ď	Shipping address:		
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	Place / date:		Stamp and signature

Centre rail

Article	Description	Art. no.	Quantity	€
			Unit(s)	
	Centre rail			
	With latch in rebate for LH hinged fixed leaf	548913		/each
	With latch in rebate for RH hinged fixed leaf	548914		/each
	Rebate locking bolt for LH hinged fixed leaf	548913		/each
	Rebate locking bolt for RH hinged fixed leaf	548914		/each
	Prepared for espagnolette lock for LH hinged fixed leaf Prepared for espagnolette lock for RH hinged fixed leaf	548913 548914		/each
	Prepared for espagnolette lock for hir filliged fixed leaf	340914		/eacii
	✓ D45-2, D55-2 thick rebate			
	With latch in rebate for LH hinged fixed leaf	548913		/each
	With latch in rebate for RH hinged fixed leaf	548914		/each
	✓ D55-2 thin rebate			
	▼ DOS-2 triiir repate			
	Rebate locking bolt for LH hinged fixed leaf	548913		/each
	Rebate locking bolt for RH hinged fixed leaf	548914		/each
	1100 0 110 0 0055 0 055 0 this what			
	✓ H3D-2, H3-2, RS55-2, D55-2 thin rebate			
	Rebate locking bolt for LH hinged fixed leaf	548913		/each
	Rebate locking bolt for RH hinged fixed leaf	548914		/each
	✓ H3-2 RC3			
	V 110-21100			
	Prepared for espagnolette lock for LH hinged fixed leaf	548913		/each
	Prepared for espagnolette lock for RH hinged fixed leaf	548914		/each
	✓ H3D-2, H3-2, RS55-2, D55-2 thin rebate			

Ordering information:

Replacement for order:

(please specify additionally)
* Basic prices – optional extras increase the designated price

Dasic prices	– optional extras increase i	ine designated price	

Door type:

Height (mm):

Optional extras:

	Customer no.:	Order no.:	
ER	Customer name:		
RD	Shipping address:		
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	Place / date:		Stamp and signature

Meeting style

Article	Description	Art. no.	Quantity	€
	Meeting style		Unit(s)	
	For traffic leaf For fixed leaf	548991 548992		/each
	✓ D65-2, D65-2 OD			
	Meeting style		Unit(s)	
	For traffic leaf For fixed leaf	548991 548992		/each /each
	✓ H6-2, H16-2, H16-2 OD H_60D-2			

Ordering	information:
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*Basic prices – c	ptional extras	increase the c	designated pri	ice	

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Rain canopy

Article	Description	Art. no.	Quantity	€
			Unit(s)	
	Rain canopy			
	Galvanized steel			
	BRB mm for door leaf fitting on the opening side	545609 🖫		/each
	BRB mm for door leaf fitting on the closing side	545609		/each
	Stainless steel			
	BRB mm for door leaf fitting on the opening side	478532		/eacl
<u> </u>	BRB mm for door leaf fitting on the closing side	478532 🖫		/each
	✓ H3 KT, D45, D55, D65, D65 OD			
			Unit(s)	
	Rain canopy			
	For frame fitting			
	Aluminium			
	BRB 625 mm	457834 •		/each
	BRB 750 mm	450777 •		/eacl
	BRB 875 mm	450778 •		/each
	BRB 1000 mm	450779 •		/eacl
	BRB 1125 mm	450780 •		/eacl
	BRB 1250 mm	450781 •		/each
	BRB 1500 mm	450783 •		/eacl
	BRB 1750 mm	450784 •		/each
	BRB 2000 mm	450785 •		/each
	BRB 2125 mm	450786 •		/each
	BRB 2250 mm	450787 •		/each
	BRB 2500 mm	450788 •		/each
	Special BRB mm	450789 🕏		/m
	✓ D45, D55, D65, D65 OD			

	Customer no.:	Order no.:	
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Δ	Shipping address:		
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	Place / date:		Stamp and signature

Bottom sheet

Leaf:

For fitting on:

Article	Description	Art. no.	Quantity	€
	Bottom sheet – 1.5 mm sheet thickness		Unit(s)	
	Aluminium natural finish 250 mm 500 mm		Z	/each
	Special mm		\[\]	, oad.ii
	Polished stainless steel 250 mm 500 mm Special mm	547334	\[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\]	/each /each
	✓ Sheet steel multi-function doors			
Ordering information: (please fill in or mark with a	ı cross)			
Door variant:				
Door nominal size – width:				
Door handing:				

 \square Single-leaf \square Traffic leaf \square Fixed leaf

 \square Opening surface \square Closing surface \square Both sides

	Customer no.:	Order no.:	
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ER	Customer name:		
RD			
	Shipping address:		
0			
	Place/date:		Stamp and signature

Door stops

Article	Description	Art. no.	Quantity	€
	Door stop, stainless steel BS 44 Ø 44 mm × 25 mm ✓ Sheet steel multi-function doors	549063 •	Unit(s)	/each
	Door stop, stainless steel BS 45 Ø 45 mm × 40 mm ✓ Sheet steel multi-function doors	549064 •	Unit(s)	/each
	Door stop, stainless steel BS 55 Ø 55 mm × 15 mm ✓ Sheet steel multi-function doors	549065 🛣	Unit(s)	/each
	Door stop, stainless steel BS 65 Ø 65 mm × 22 mm ✓ Sheet steel multi-function doors	549066 🕏	Unit(s)	/each
	Door stop, stainless steel WS 46 Ø 33 mm / Ø 49 mm × 46 mm ✓ Sheet steel multi-function doors	549067 •	Unit(s)	/each
	Door stop, stainless steel WS 76 Ø 33 mm / Ø 49 mm × 76 mm ✓ Sheet steel multi-function doors	549068 •	Unit(s)	/each
	Door stop, stainless steel WS 82 Ø 19 mm / Ø 50 mm × 82 mm ✓ Sheet steel multi-function doors	549069 •	Unit(s)	/each

	Customer no.:	Order no.:	
ER	Customer name:		
Δ	Shipping address:		
0			
	Place/date:		Stamp and signature

Door stops

Article	Description	Art. no.	Quantity	€
	Door stop, stainless steel WS 96 Ø 24 mm / Ø 45 mm × 96 mm ✓ Sheet steel multi-function doors	549070 •	Unit(s)	/each

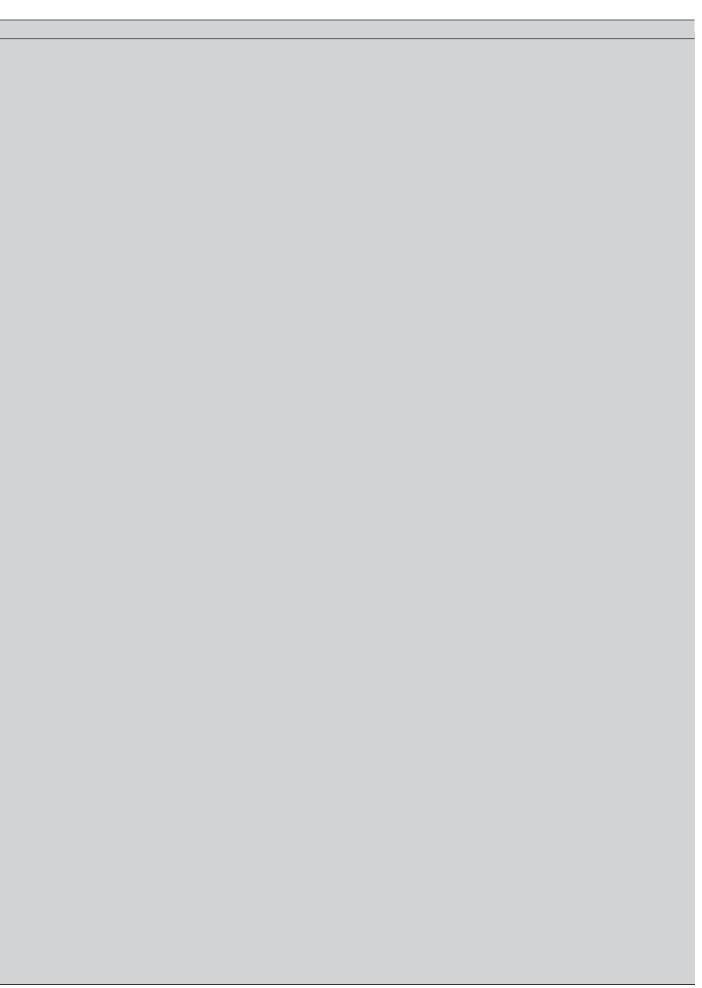
	Customer no.:	Order no.:	
ď			
ER	Customer name:		
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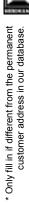
Stainless steel care product

Article	Description	Art. no.	Quantity	€
	Stainless steel care product Stainless steel care product (bottle), 250 ml	478647 •	Unit(s)	/each

	Customer no.:	Order no.:	
Ж			
Ш	Customer name:		
RD	Shipping address:		
OF	Shipping address.		
0			
	Place / date:		Stamp and signature

Notes





Order: Spare parts Page 1 of 1 to Hörmann KG:					mann KG:	Invoicing will be done by Hörmann KG/VKG.				
Page 1 of 1						The fields with a grey border will be filled out at the factory.				
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* ME =	Unit		1 = pc 2 = m	3 = kg 4 = hour				Total	in €	
			111	→ = HOUI					Į.	+VAT

Place, date

Stamp and signature

Order number

Status: 11.2008 HF 84217

Please take information from the data label!

Product number

General Terms and Conditions of Sale and Delivery (Issue 01.03.2016)

§ 1 General

- 1. Our General Terms and Conditions of Sale and Delivery apply to all deliveries and services
- in accordance with the contract concluded between us and the Customer. Our General Terms and Conditions of Sale and Delivery are exclusively applicable; Customers' conditions which conflict with or deviate from our conditions are not recognised
- unless we have agreed to them expressly in writing.

 3. Our General Terms and Conditions of Sale and Delivery apply only to transactions with business entities as per § 14 of the German Civil Code [BGB].

§ 2 Entry into Contract

- Our offers are without engagement and non-binding, unless otherwise agreed. Decisive for nature and scope is our order confirmation. We reserve the right to make technical changes as well as changes in form, colour and/or weight insofar as is reasonable.
- The offer shall be regarded as accepted only when an order confirmation is issued or the goods are dispatched. The issue of a confirmation of receipt or the receipt of a telephone order do not constitute a binding acceptance. In the case of goods that have to be made to order, following our written confirmation the contract shall be regarded as having been entered into even if details of its execution which may affect price and delivery remain to be clarified. The right to make design and form changes during the delivery period is reserved, provided that the subject of delivery and its function and appearance are not fundamentally altered thereby. There will be no resulting change in price.
- 3. In respect of figures, drawings, calculations and similar documents, we reserve ownership and copyright. This likewise applies to such documents designated as "confidential". These documents may not be made available to third parties without our express prior approval.

§ 3 Prices and Terms of Payment

- Unless otherwise specified in the order confirmation, our prices apply "ex works", excluding transport and assembly, which shall be invoiced separately. Costs for packaging, with the exception of small and spare parts, are included. The value added tax as required by law is not included in our prices; this tax will be shown separately on the invoice at the legal rate applicable on the date of invoicing.
- Our invoices shall be due to be paid net (without deduction) within 30 days. The deduction of discounts requires a special agreement in writing.
- Should the price of materials increase taxes or levies be increased after the contract has been concluded, we shall be entitled to adjust our prices accordingly if there are at least
- 4 months between entry into contract and intended delivery.
 4. Should the Customer commission not only delivery but also assembly or similar services, these shall be invoiced by the hour unless a fixed rate has been agreed expressly. Our valid Terms and Conditions of Installation shall apply to all assembly services.
- We are entitled, even in the case of conflicting Customer conditions, to set off payments against the Customer's previous debts. If costs and interest have already incurred, we are entitled to set off the payment against the costs, then to the interest and finally to the main
- 6. We are also entitled to make our remaining claims immediately payable and render the execution of all further services subject to an advance payment or provision of security, if we become aware of circumstances that call the solvency and the credit standing of the Customer into question, in particular in the event of default in payment. The right to claim further damages will remain unaffected.
- During the delay, the Customer cannot invoke the right to possession. Any claim for return on our side during a delay on the Customers side shall only be considered as withdrawal
- from the contract if we have specified this expressly in writing.

 The Customer shall only have the right to offsetting if the Customer's counterclaims have been determined without further legal recourse, beyond dispute or if the counterclaims have been recognised by us. The Customer can only exert a right of retention if and when the counterclaim rests on the same contractual relationship.

§ 4 Place of Fulfilment, Transfer of Risk

- 1. Unless otherwise specified in the order confirmation, a delivery "ex works" (INCOTERMS 2010) has been agreed. The risk of accidental loss or deterioration of the goods purchased passes to the Customer upon hand-over of the goods to the shipping agent, the freight forwarder or the person or establishment otherwise appointed to execute the shipment. This shall likewise apply in case of partial delivery or if we have taken over other services
- (e.g. shipping or assembly).

 2. Should the Customer be in default of acceptance, the risk of accidental loss or deterioration of the goods purchased shall pass to the Customer. Any storage costs incurred shall comply with § 5 No. 3.
- Comply with § 5 No. 5.

 If carriage paid delivery of the goods has been agreed, the means of transport must be unloaded immediately by the Customer. Waiting times will always be at the Customer's expense. Direct delivery to site shall always be regarded as on truck on an even, drivable road. Unloading including transportation to the place of use or storage is the responsibility of the Customer who in the event of delay must bear the cost and risk of unloading, stacking, storage or return transport. The recipient acting on behalf of the Customer at the place of unloading shall be regarded as authorised to accept the load with binding effect.

§ 5 Period of Delivery

- 1. The period of delivery specified by us shall only begin after clarification of all technical
- 2. Information on delivery dates shall be considered the expected periods of delivery and are always subject to correct and timely delivery by suppliers and/or other manufacturers to us. arways subject to correct and timely derivery by suppliers and/or other manufacturers to use. The Customer may only set a time limit for the supply/performance if the expected delivery date has been exceeded by more than three weeks. This time limit must be reasonable and must amount to a minimum of three weeks. Claims for damages due to non-compliance with an expected delivery date are excluded. Delays in supply and performance as a result of force majeure or as a result of events which materially impede or prevent us from making delivery - including in particular subsequent material sourcing difficulties for which we are not responsible, interruption of operations, strikes, lockouts, official directives, etc., even if these affect our suppliers or sub-suppliers - will be notified to the Customer immediately. Events of this type entitle us to withdraw from the contract either in whole or in part if the order is not yet completed. In the event of withdrawal, any compensating measures already performed by the Customer shall be reimbursed immediately.
- already periormed by the customer shall be reimbursed immediately.

 Should the Customer be in delay of acceptance, we are entitled to store the goods at the Customer's risk and expense. For the corresponding storage costs, we can optionally demand reimbursement of the actually incurred costs or of a fixed rate of 5% of the invoice sum for each commenced month. This also applies to storage by us. The Customer has the
- right to prove less damage in the event of a claim to flat-rate damage reimbursement. Should, after the time limit set by us has expired, the Customer refuse to accept the goods or declare to no longer want to accept the goods without entitlement to do so, we can also demand damage compensation due to non-fulfilment.
- 5. Partial deliveries are permissible to a reasonable extent.

§ 6 Reservation of Title

- We reserve ownership of the goods until complete payment of all claims from the ongoing business relationship with the Customer. Should the value of the reserved goods exceed the claims to be secured from the ongoing business relationship with the Customer by more than 20%, we are obligated to release the reserved goods on Customer request. The selection of the securities to be released is at our discretion.
- While retention of title is in effect, the Customer is obligated to treat the goods purchased with care and sufficiently insure them against fire, water and theft at their value when new and at the Customer's expense. Any claims asserted for damages by the Customer against the insurer or other third parties due to deterioration of the reserved goods are right now signed over to us at the amount of the invoice sum. Should maintenance and inspection work be required, the Customer shall perform said work regularly at the Customer's own expense. The Customer must inform us immediately and in writing of all access of third parties to the goods, in particular of all foreclosure and any damage to or destruction of the parties to the goods, in particular of an indeclosure and any darriage to or destruction of the goods. The Customer must inform us of a change in possession of the goods as well as a change in the Customer's address immediately. The Customer must reimburse us of all damage and costs caused by a violation of this obligation and resulting necessary intervention measures to prevent access of third parties to the goods. In the event of access by third parties, the Customer must also provide us with the necessary help to exercise
- The Customer is not permitted to pledge reserved goods nor assign them as security.
- Processing or transformation of goods supplied subject to the reservation of title is always undertaken by the Customer on our behalf. Should the reserved goods be combined or processed with other items, the reservation of title shall continue for the processed or combined goods. If the reserved goods are processed or combined inextricably with items which are not our property, we shall acquire ownership of the new object in the ratio of the invoice value of the reserved goods to the invoice value of the other goods used at the time of processing or combination. The resulting co-ownership rights shall be deemed to be reserved goods in accordance with these terms and conditions. If our goods are joined or combined inextricably with other movable items into a single object and the other object is to be considered the main object, the Customer shall concede proportionate joint ownership to us should the main object belong to the Customer. In the aforementioned cases, the Customer here and now assigns all ownership rights to the processed, joined, or combined goods to us. Instead of a transfer, the Customer shall hold the processed, joined, or combined object in safe custody on our behalf. For the object resulting from processing,
- use, or combination, the same applies in all other respects as for reserved goods.

 The Customer is entitled to resell goods supplied subject to reservation of title by way of due and proper business transactions. The Customer here and now assigns all claims with all rights arising from the resale of the reserved goods to us in full. We accept this assignment. Should the Customer sell the reserved goods after processing/combination - together with goods not belonging to the Customer, the Customer here and now assigns to us the claims resulting from resale at the value at new of the reserved goods along with all ancillary rights. We accept this assignment right now. The Customer is entitled to collect this claim even after assignment. However, we reserve the right to collect the claim ourselves as soon as the Customer fails to properly meet payment obligations and enters into default, or reasonable doubt about the Customer's solvency and credit standing exists. On our request, the amount of the assigned claim, the person of the debtor and all other information required for collection must be provided, the corresponding documents be handed over and the debtor be notified of the assignment.
- The right to further processing and resale ends with withdrawal from the contract.

 During the Customer's standard business hours, we are at all times entitled to enter the offices and operating premises to check the reserved goods and to take possession of the reserved goods insofar as the Customer is unable to invoke rights to possession.

§ 7 Defect Claims

- The Customer shall be entitled to claims for defect only if the Customer's duties to inspect
 and report pursuant to § 377 of the German Commercial Code [HGB] have been duly
 complied with. In the event that complaints are not reported in due time and/or in due form, the goods shall be regarded as accepted.
 For the delivery of objects, we are free to decide to affect supplementary performance either
- by repair or replacement. If supplementary performance fails, the Customer can at his choice demand a reduction, withdrawal or compensation. In the event of only minor defects the Customer has no right to withdrawal.

 3. As a matter of principle, the nature of the goods purchased shall be defined solely by the
- manufacturer's product description/order confirmation. Public statements, recommendations or advertisements by the manufacturer do not constitute contractual statements as to the nature of the goods
- The period of limitation for defect claims is based on § 438. Para. 1. No. 2 of the German Civil Code [BGB] as long as no deviating time limits have been expressly agreed.

 The Customer is not entitled to assign claims for material defects.

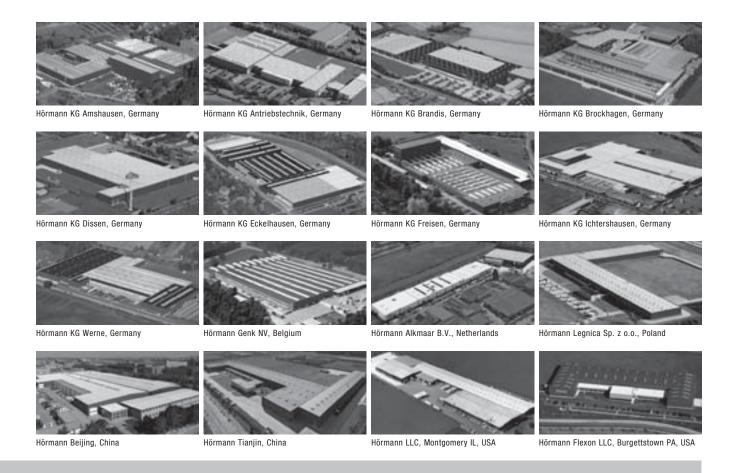
- We accept liability within legal provisions, provided the Customer asserts claims for damages that are based on intent or gross negligence. In the event of minor negligence, our liability is limited to predictable, typically occurring damage. We are not liable in the event of minor negligence of non-essential contractual obligations whose violation does not threaten the performance of the contract. This also applies to breach of duty by our legal representatives or vicarious agents.
- Liability for negligent injury to life or limb or the impairment of a person's health remains unaffected from the above limitations of liability; this also applies to Customer claims according to the German Product Liability Act [Produkthaftungsgesetz].

§ 9 Concluding Provisions

- The law of the Federal Republic of Germany shall apply. The UN Convention on the International Sale of Goods shall not be applicable.
- To take legal effect, subsidiary agreements and amendments must be confirmed in writing. This likewise applies to any modification of the clause stipulating the written form.
- Unless otherwise specified in the order confirmation, our headquarters are the place of fulfilment. The exclusive place of jurisdiction for all disputes arising from this contract shall be Bielefeld, Germany. Insofar as individual terms of the contract including these General Terms and Conditions
- should be or become ineffective either in whole or in part, this shall not affect the validity of the remaining provisions.

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DOOR FRAMES

