








Fig. Vault door EWT085, Hinge right, 1 x N-Lock + 2 x K-Lock S+G

-  EN1143-1  
Burglary protection
-  VdS  
Grade I to XIIIKB (EX)
-  ECB-S  
Grade I to XIIIKB (EX)
-  VSO  
Class EN 1 to EN 14
-  DIN  
4102 (light fire protection)

### [ Vault doors ]

Vault doors are massive, armored doors that block or release access to the safe room. According to the security level of the vault, the armored door is also certified in various resistance grades. It should be noted that both, the room and the door, have the same resistance grade. In grade I to VIIIKB safe rooms doors are also available as emergency doors (ED). In grade I to V, there are also reinforced door models with integrated emergency door (IED - integrated emergency door) available.

Model	Resistance grade	Security class	Inner height	Thickness	Weight
	VdS   ECB-S	VSÖ-VVO	(h x w, mm)	door (mm)	(kg)
AWT085	Grade I	Class EN 1	1960 x 910	160	850
AWT085ED	Grade I	Class EN 1	1068 x 510	160	340
AWT085IED	Grade I	Class EN 1	1960 x 910	160	900
		Emergency door:	688 x 491		
BWT085	Grade II	Class EN 2	1960 x 910	160	850
BWT085ED	Grade II	Class EN 2	1068 x 510	160	340
BWT085IED	Grade II	Class EN 2	1960 x 910	160	900
		Emergency door:	688 x 491		
CWT085	Grade III	Class EN 3	1960 x 910	160	880
CWT085ED	Grade III	Class EN 3	1068 x 510	160	360
CWT085IED	Grade III	Class EN 3	1960 x 910	160	930
		Emergency door:	688 x 491		
DWT085	Grade IV	Class EN 4	1960 x 910	160	880
DWT085ED	Grade IV	Class EN 4	1068 x 510	160	360
DWT085IED	Grade IV	Class EN 4	1960 x 910	160	930
		Emergency door:	688 x 491		
EWT085	(EX) Grade V	(EX) Class EN 5	1960 x 910	160	880
EWT085ED	(EX) Grade V	(EX) Class EN 5	1068 x 510	160	360
EWT085IED	Grade V	Class EN 5	1960 x 910	160	930
		Emergency door:	688 x 491		
FWT085	(EX) Grade VI	(EX) Class EN 6	1960 x 910	160	900
FWT085ED	(EX) Grade VI	(EX) Class EN 6	1068 x 510	160	390
GWT150	(EX) Grade VII	(EX) Class EN 7	1960 x 910	225	1300
GWT150ED	(EX) Grade VII	(EX) Class EN 7	1068 x 510	225	580
HWT150	(EX) Grade VIII	(EX) Class EN 8	1960 x 910	225	1400
HWT150ED	(EX) Grade VIII	(EX) Class EN 8	1068 x 510	225	600
HWT150KB	(EX) Grade VIIIKB	(EX) Class EN 9	1960 x 910	225	1410
HWT150EDKB	(EX) Grade VIIIKB	(EX) Class EN 9	1068 x 510	225	605
IWT150	(EX) Grade IX	(EX) Class EN 9	1960 x 910	225	1410
IWT150KB	(EX) Grade IXKB	(EX) Class EN 10	1960 x 910	225	1420
JWT220KB	(EX) Grade XKB	(EX) Class EN 11	1960 x 910	285	1970
KWT300KB	(EX) Grade XIKB	(EX) Class EN 12	1960 x 910	365	2715
LWT300KB	(EX) Grade XIIKB	(EX) Class EN 13	1960 x 910	365	2805
MWT450KB	(EX) Grade XIIIKB	(EX) Class EN 14	1960 x 921	365	4300

ED = emergency door IED = integrated emergency door KB = core drill EX = additional protection against attacks with explosives

### [ Security and other equipment of vault doors ]

● standard ○ optional	AWT-DWT	EWT-MWT
EX - additional protection against attacks with explosives	-	○
Preparation for alarm connection	●	●
Switch-set for monitoring the door	○	○
Surface primed	●	●
Painting in RAL-colour on request	○	○
Door bumper (assembling on the floor or on the wall, also lockable version)	○	○
Stainless steel entrance step	○	○



Fig. EWT085



Fig. EWT085



Fig. EWT085ED



Fig. EWT085ED



Fig. EWT085IED



Fig. EWT085IED

### [ Day doors for vault doors ]

Day doors for vault doors are an additional protection while the vault door is open and prevent unauthorized access to the security room.

Wertheim day doors are available in different versions. As a grill gate door in steel painted in RAL 7035, painted steel with grabbing protection or stainless steel. Furthermore, there is the variant as a glass door.



Fig. Steel day door painted in RAL 7035 for EWT085IED

### [ Equipment of day doors ]

	● standard	○ optional	Steel	Steel w. grabbing protection	Stainless steel	Glass
1 Double cylinder lock with 3 keys	●		●	●	●	●
Electric door strike		○	○	○	○	○
Hydraulic door closer		○	○	○	○	○
Fittings - outside button / inside knob			-	●	-	●
Fittings - outside button / inside button			-	○	-	○

## [ Lock equipment of vault doors ]

● standard ○ optional	lock	AWT	BWT	CWT	DWT	EWT	FWT	GWT	HWT	IWT	JWT	KWT	LWT	MWT
required number of locks and required minimum lock class	class	1xA	1xA	1xB	2xB	2xB	2xC	2xC	2xC	2xC	2xC	3xC/2xD	3xC/2xD	2xD
<b>K-Locks (doublebit key locks)</b>														
K-Lock S+G adjustable 6880 (1 key guide tube, 2 key bits)	B	●	●	●	●	●								
K-Lock S+G adjustable 6990 (1 key guide tube, 2 key bits)	C	○	○	○	○	○	●	●	●	●	●	●	●	
<b>E-Locks (electronic locks)</b>														
E-Lock Mauer Combi B 30, with 2 override keys (190 mm, brass)	B	●	●	●	●	●								
<i>Option: alarmbox</i>		○	○	○	○	○								
<i>Option: programming software set (PC-stick, USB-extension cable, software CD, dongle)</i>		○	○	○	○	○								
<i>Option: auditsoftware set (PC-stick, USB-extension cable, software CD)</i>		○	○	○	○	○								
<i>Option: power supply 9V (with plug for lock)</i>		○	○	○	○	○								
<i>Option: power supply 12V for alarmbox (lock supply via alarm box)</i>		○	○	○	○	○								
E-Lock Kaba Axiator USB	B	●	●	●	●	●								
<i>Option: e-Box</i>		○	○	○	○	○								
<i>Option: programming software (USB) for USB-operation</i>		○	○	○	○	○								
E-Lock Kaba Paxos advance IP Set 1 (keypad)	B	●	●	●	●	●								
E-Lock Kaba Paxos advance IP Set 3 (dialling knob)	C	○	○	○	○	○	●	●	●	●	●	●	●	
E-Lock Kaba Paxos advance IP Set 5 (additional lock to Set 1/3) *	B/C	○	○	○	●	●	●	●	●	●	●	○	○	
E-Locks Kaba Paxos advance IP Set 4 (dialling knob)	D											●	●	●
E-Lock Kaba Paxos advance IP Set 5D (additional lock to Set 4) *	D											●	●	●
<i>Option: I/O Box</i>		○	○	○	○	○	○	○	○	○	○	○	○	○
<i>Option: IP I/O Box</i>		○	○	○	○	○	○	○	○	○	○	○	○	○
<i>Option: power suppl</i>		○	○	○	○	○	○	○	○	○	○	○	○	○
<i>Option: battery pack</i>		○	○	○	○	○	○	○	○	○	○	○	○	○
<i>Option: AS384-USB programming/audit-software for USB access</i>		○	○	○	○	○	○	○	○	○	○	○	○	○
<i>Option: AS384-AUDIT audit software for USB access</i>		○	○	○	○	○	○	○	○	○	○	○	○	○
<b>N-Locks (mechanical number combination locks)</b>														
N-Lock La Gard 3390 VZ (3 wheels)	B	●	●	●	●	●								
N-Lock La Gard 1947 (4 wheels)	C	○	○	○	○	○	●	●	●	●	●	●	●	

Other locks and lock combinations on request

\* can only be used in combination with Set 1/Set 3

### [ Required number of locks and required minimum lock class ]

Type AWT-BWT: 1 x High security lock VdS-class 1 / A according to EN1300  
 Type CWT: 1 x High security lock VdS-class 2 / B according to EN1300  
 Type DWT-EWT: 2 x High security lock VdS-class 2 / B according to EN1300  
 Type FWT-JWT: 2 x High security lock VdS-class 3 / C according to EN1300  
 Type KWT-LWT: 3 x High security lock VdS-class 3 / C according to EN1300 or  
 2 x High security lock VdS-class 4 / D according to EN1300  
 Type MWT: 2 x High security lock VdS-class 4 / D according to EN1300

Lock equipment also valid for emergency doors or doors with integrated emergency door

### [ Lock options ]

**Additional lock:** Wertheim-vault doors AWT-CWT can also be equipped with 2 locks.

**3 locks:** All Wertheim-vault doors can be equipped with 3 locks if required. A later installation of a 3rd lock is not possible.

**Forced locking sequence:** Here the lower lock must be unlocked before the upper lock, but the upper lock must be locked before the lower lock.

**Lock-in protection:** This option, activated from inside of the vault room, prevents closing and opening the vault door from outside.



K-Lock S+G adjustable



E-Lock Mauer Combi B 30



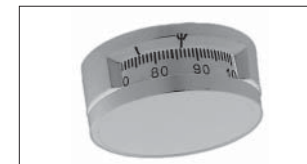
E-Lock Kaba Axiator USB



E-Lock Kaba Paxos (keypad)



E-Lock Kaba Paxos (dialling knob)



N-Lock La Gard