



Prüfzentrum für Bauelemente

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Fenster • windows
 Rollläden • shutters
 Türen + Tore • doors
 Fassaden • curtain walling
 Baubeschläge • building hardware

SHORT REPORT No. 14/09-A290-K1

Version 1.en

Test of requirements for multipoint locks for burglar-resistant doors according to DIN EN 1627

Applicant Glutz AG
 Segetzstraße 13
 4502 Solothurn, Switzerland

Type Multipoint mortise lock, with cutout for profile cylinder or round cylinder, distance 72, 74, 78, 88, 90, 92 or 94 mm, backset 55, 60, 65, 70 or 80 mm, steel latch or convenience latch (steel latch with plastic cover), anti-thrust latch, latch withdrawal, forend design 18 or 20 mm made of steel or stainless steel, two or four additional locking points as bolts or hook bolts.

Product Designation **Multipoint locking device**
MINT 1893 key operated, 2 bolts
MINT 18933 Combi, key or lever handle operated, 2 turns, 2 bolts
MINT 18934 Combi, key or lever handle operated, 2 turns, 2 hook bolts
MINT 18936 lever handle operated for mechatronic hardware, 2 bolts
MINT 18937 lever handle operated for mechatronic hardware, 2 hook bolts
MINT 18938 Combi, key or lever handle operated, 1 turn, 2 bolts
MINT 18939 Combi, key or lever handle operated, 1 turn, 2 hook bolts
MINT 1895 key operated, 4 bolts
MINT 18953 Combi, key or lever handle operated, 2 turns, 4 bolts
MINT 18954 Combi, key or lever handle operated, 2 turns, 2 bolts, 2 hook bolts
MINT 18956 lever handle operated for mechatronic hardware, 4 bolts
MINT 18957 lever handle operated for mechatronic hardware, 2 bolts, 2 hook bolts
MINT 18983 Combi, key or lever handle operated, 1 turn, 4 bolts
MINT 18984 Combi, key or lever handle operated, 1 turn, 2 bolts, 2 hook bolts

Classification According to the Expert's Report No. 14/09-A290-G1, mortise locks of the above type with all deadbolts provide a bolt counterforce of 6 kN with rear-side lock case support and drill protection for the bolts with 5 min and thus fulfil the requirements for *protection against pushing back the bolt (door) and protection against drilling of the deadbolt* according to DIN EN 1627 : 2011-09 Table B.1 for use in burglar-resistant door assemblies to be tested up to resistance class RC 4. The drill protection for the detainer must be provided by the security furniture.



Validity Valid for the validity period of DIN EN 1627 Version September 2011

Dipl.-Ing. Rüdiger Müller
 Head of Institute



Stephanskirchen
 September 22, 2014

Dipl.-Ing. Matthias Demmel
 Responsible Official

