



KITEMARK™  
BS EN1303:2005  
Licence No. KM559658

**MAGNUM**®  
SECURE LOCK SYSTEMS



English



PAS024 cylinder



**SUPERIOR**  
PROFESSIONAL HIGH SECURITY CYLINDERS



## SECURITY REDEFINED

We don't aspire to meet the highest standards. We aspire to exceed them. MAGNUM has been setting new standards in the design and construction of security products for over 30 years. Our new Superior Series continues this tradition.

The Magnum Superior Series boasts an extensive range of security features and offers the highest possible levels of protection.

Details matter: in order to redefine what security means, it was necessary to combine a wide variety of different materials, synchronize a huge number of process steps, and bring together expertise from disparate technical areas.

The result is a MAGNUM Superior Series High Security cylinder.





**ONE-OF-A-KIND DESIGN  
AND ONE POWERFUL INNOVATION AFTER ANOTHER**

MAGNUM relentlessly works to create the safest cylinders possible, and the Superior Series is the latest in a long line of leading safety products.

Perfect protection means being ready for all eventualities: this is why our engineers are always coming up with new solutions designed for different scenarios.

V-construction, carbide inserts and intelligent use of materials all help ensure that at critical moments, the MAGNUM Superior series can always rise to the challenge.

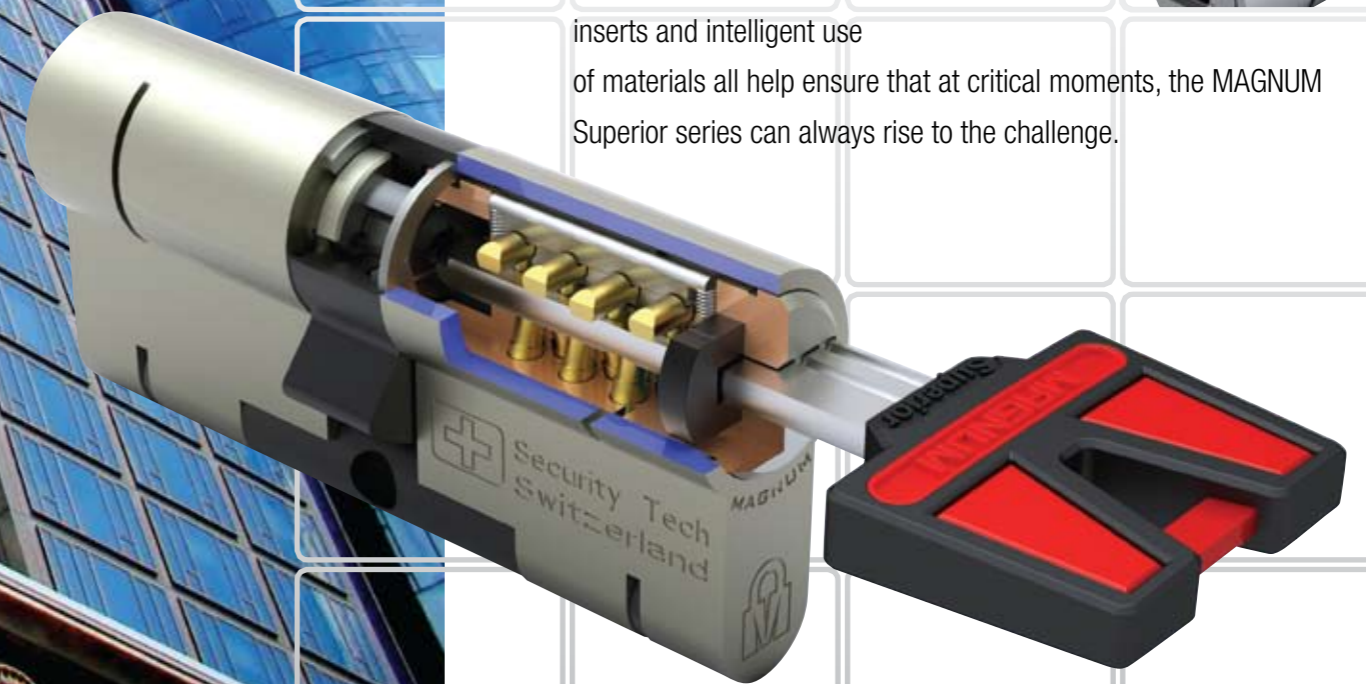
**V-pins to resist bumping**



**Anti-drill pins as standard**



**Anti-snap on both sides**





## UNIQUE FEATURES – BETTER THAN EVER

The MAGNUM Superior Series High Security cylinder is designed to meet the highest security standards. The comprehensive MAGNUM approach to security consists of bringing together innovative technologies that are individually impressive, and collectively unbeatable.

**Master-keying:** with more than 1 million possible combinations even the most complicated master keying system can be built.

**Smooth and reliable operation:** thanks to precision mechanism and superior telescopic pin technology.

**Bump and pick resistance:** the unique V-construction makes the MAGNUM® Superior Series virtually pickproof.

**Anti-snap secure technology:** the unique patent pending technology, that provide anti snap protection on both sides of the cylinder.

**Superior physical strength:** hardened steel and carbide inserts protects cylinders.

**Strict key control:** MAGNUM® Superior Series employs restricted key security levels, and key duplication is limited to the MAGNUM® dealers with special key cutting machine.



**MODULAR CYLINDER HOUSING – 60 to 240 mm in length**

Due to the flexible modular system MAGNUM Superior profile double cylinders can be adapted to different installation lengths to suit every installation requirement.

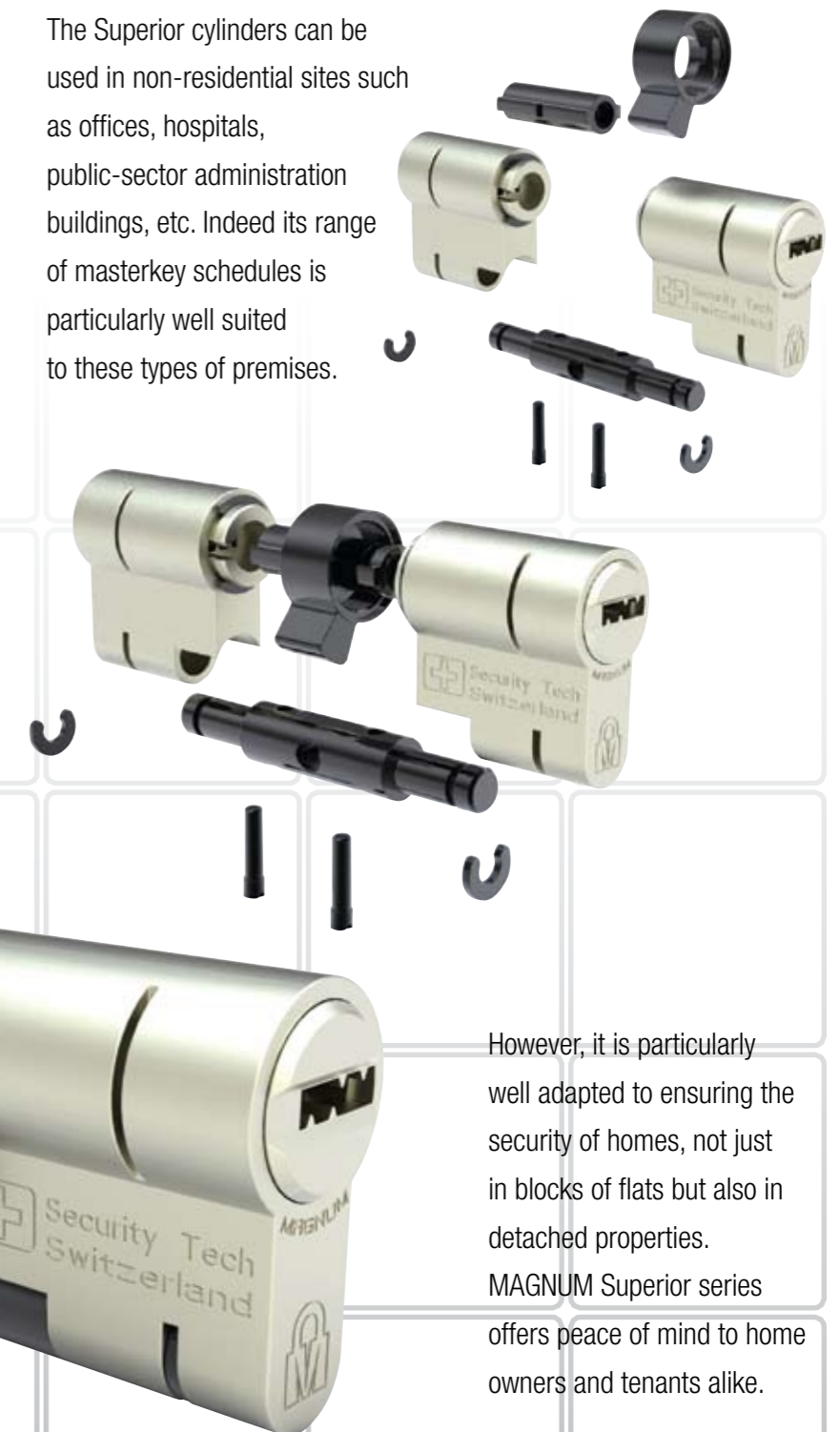


The locking system can be very easily extended due to its plug and play system components. The modular concept thus helps to further optimize costs for your locking system.



**A DUAL PURPOSE RANGE:  
RESIDENTIAL AND NON-RESIDENTIAL**

The Superior cylinders can be used in non-residential sites such as offices, hospitals, public-sector administration buildings, etc. Indeed its range of masterkey schedules is particularly well suited to these types of premises.



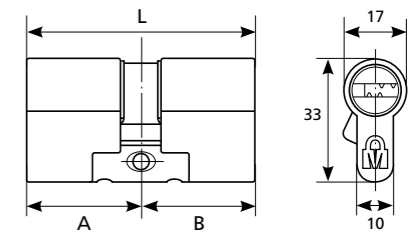
However, it is particularly well adapted to ensuring the security of homes, not just in blocks of flats but also in detached properties. MAGNUM Superior series offers peace of mind to home owners and tenants alike.



**SED**

**3keys** page 15

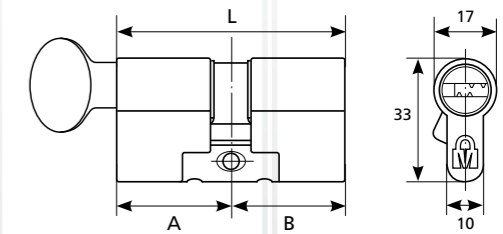
**5keys** page 16



**SET**

**3keys** page 18

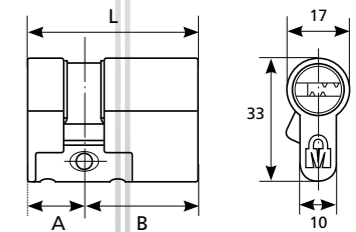
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**SES**

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**5keys** page 21



**SUPERIOR CYLINDERS RATING according to BS EN 1303:2005 (Licence No. KM559658)**



**Digit 1**  
**Category of use**

One category is identified:  
 Grade 1: Keys shall resist a torque of 2.5Nm and still be usable.

**Digit 2**  
**Durability**

Three grades are identified according to the number of test cycles achieved:  
 Grade 4: 25 000 cycles  
 Grade 5: 50 000 cycles  
 Grade 6: 100 000 cycles

**Digit 3**  
**Door mass**

No requirement.

**Digit 4**  
**Fire resistance**

Two grades are identified as follows:  
 Grade 0: not suitable for fire/smoke resistant door assemblies.  
 Grade 1: suitable for fire/smoke resistant door assemblies subject to satisfactory assessment of the contribution of the cylinder to the fire resistance of the specified fire/smoke door assemblies. Such assessment is beyond the scope of this European standard (see EN 1634-1).

**Digit 5**  
**Safety**

No requirement.

**Digit 6**  
**Corrosion and temperature resistance**

Four grade are identified as follows:  
 Grade 0: no corrosion or temperature resistance requirements.  
 Grade A: BS EN 1670 Grade 3 corrosion resistance (96 hours NSS) – no temperature resistance requirement.  
 Grade B: no corrosion resistance requirement – resistance to -20/+80°C temperature extremes.  
 Grade C: BS EN 1670 Grade 3 corrosion resistance – resistance to -20/+80°C temperature extremes.

**Note:**  
 - No distinction is made between the inside and the outside of either the cylinder and/or the door.  
 - On completion of the test, the cylinder must operate using a maximum 1.5Nm torque on the key.



**Digit 7**  
**Key related security**

Six grades are identified and the principal requirements are summarized in Table 1 below:

**Table 1. Key related security**

	Grade					
	1	2	3	4	5	6
Minimum number of effective differs	100	300	15 000	30 000	30 000	100 000
Minimum number of movable levers, pins, discs, etc.	Yes	Yes	No	No	No	No
Coding on key could disclose combination	Yes	Yes	No	No	No	No
Torque resistance of plug	2.5Nm	5Nm	15Nm	15Nm	15Nm	15Nm

**Digit 8**  
**Attack resistance**

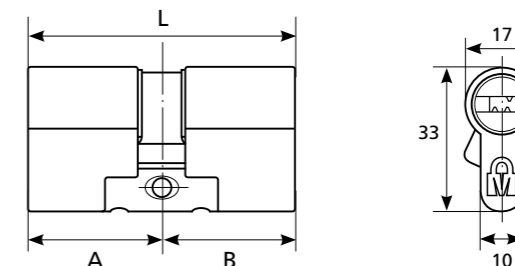
Three grades are identified and the principal requirements are summarized in Table 2 below:

**Table 2. Attack resistance**

	Grade		
	0	1	2
Resistance to drilling (nett drilling time)	-	3 mins	5 mins
Resistance to chisel attack (number of defined blows)	-	30	40
Resistance to twisting attack (number of defined twists)	-	20	30
Resistance to plug/cylinder extraction (pull load)	-	15kN	15kN

**SED 3keys**

**Superior series**  
**European**  
**Double Profile Cylinders**  
 Keyed Different  
 Retail packaging



L	A + B	BRASS	NICKEL	TITANIUM	Inner Qty	Master Qty	Min. Order
Length mm 56	(28+28)	MA-SED2828EB-D3-R	MA-SED2828EN-D3-R	MA-SED2828ET-D3-R	10	20	100
Length mm 61	(28+33)	MA-SED2833EB-D3-R	MA-SED2833EN-D3-R	MA-SED2833ET-D3-R	10	20	100
Length mm 60	(30+30)	MA-SED3030EB-D3-R	MA-SED3030EN-D3-R	MA-SED3030ET-D3-R	10	20	100
Length mm 65	(30+35)	MA-SED3035EB-D3-R	MA-SED3035EN-D3-R	MA-SED3035ET-D3-R	10	20	100
Length mm 70	(30+40)	MA-SED3040EB-D3-R	MA-SED3040EN-D3-R	MA-SED3040ET-D3-R	10	20	100
Length mm 75	(30+45)	MA-SED3045EB-D3-R	MA-SED3045EN-D3-R	MA-SED3045ET-D3-R	10	20	100
Length mm 80	(30+50)	MA-SED3050EB-D3-R	MA-SED3050EN-D3-R	MA-SED3050ET-D3-R	10	20	100
Length mm 85	(30+55)	MA-SED3055EB-D3-R	MA-SED3055EN-D3-R	MA-SED3055ET-D3-R	10	20	100
Length mm 90	(30+60)	MA-SED3060EB-D3-R	MA-SED3060EN-D3-R	MA-SED3060ET-D3-R	10	20	100
Length mm 95	(30+65)	MA-SED3065EB-D3-R	MA-SED3065EN-D3-R	MA-SED3065ET-D3-R	10	20	100
Length mm 100	(30+70)	MA-SED3070EB-D3-R	MA-SED3070EN-D3-R	MA-SED3070ET-D3-R	10	20	100
Length mm 105	(30+75)	MA-SED3075EB-D3-R	MA-SED3075EN-D3-R	MA-SED3075ET-D3-R	10	20	100
Length mm 110	(30+80)	MA-SED3080EB-D3-R	MA-SED3080EN-D3-R	MA-SED3080ET-D3-R	10	20	100
Length mm 115	(30+85)	MA-SED3085EB-D3-R	MA-SED3085EN-D3-R	MA-SED3085ET-D3-R	10	20	100
Length mm 120	(30+90)	MA-SED3090EB-D3-R	MA-SED3090EN-D3-R	MA-SED3090ET-D3-R	10	20	100
Length mm 70	(35+35)	MA-SED3535EB-D3-R	MA-SED3535EN-D3-R	MA-SED3535ET-D3-R	10	20	100
Length mm 75	(35+40)	MA-SED3540EB-D3-R	MA-SED3540EN-D3-R	MA-SED3540ET-D3-R	10	20	100
Length mm 80	(35+45)	MA-SED3545EB-D3-R	MA-SED3545EN-D3-R	MA-SED3545ET-D3-R	10	20	100
Length mm 85	(35+50)	MA-SED3550EB-D3-R	MA-SED3550EN-D3-R	MA-SED3550ET-D3-R	10	20	100
Length mm 90	(35+55)	MA-SED3555EB-D3-R	MA-SED3555EN-D3-R	MA-SED3555ET-D3-R	10	20	100
Length mm 95	(35+60)	MA-SED3560EB-D3-R	MA-SED3560EN-D3-R	MA-SED3560ET-D3-R	10	20	100
Length mm 100	(35+65)	MA-SED3565EB-D3-R	MA-SED3565EN-D3-R	MA-SED3565ET-D3-R	10	20	100
Length mm 105	(35+70)	MA-SED3570EB-D3-R	MA-SED3570EN-D3-R	MA-SED3570ET-D3-R	10	20	100
Length mm 110	(35+75)	MA-SED3575EB-D3-R	MA-SED3575EN-D3-R	MA-SED3575ET-D3-R	10	20	100
Length mm 115	(35+80)	MA-SED3580EB-D3-R	MA-SED3580EN-D3-R	MA-SED3580ET-D3-R	10	20	100
Length mm 120	(35+85)	MA-SED3585EB-D3-R	MA-SED3585EN-D3-R	MA-SED3585ET-D3-R	10	20	100
Length mm 125	(35+90)	MA-SED3590EB-D3-R	MA-SED3590EN-D3-R	MA-SED3590ET-D3-R	10	20	100
Length mm 80	(40+40)	MA-SED4040EB-D3-R	MA-SED4040EN-D3-R	MA-SED4040ET-D3-R	10	20	100
Length mm 85	(40+45)	MA-SED4045EB-D3-R	MA-SED4045EN-D3-R	MA-SED4045ET-D3-R	10	20	100
Length mm 90	(40+50)	MA-SED4050EB-D3-R	MA-SED4050EN-D3-R	MA-SED4050ET-D3-R	10	20	100
Length mm 95	(40+55)	MA-SED4055EB-D3-R	MA-SED4055EN-D3-R	MA-SED4055ET-D3-R	10	20	100
Length mm 100	(40+60)	MA-SED4060EB-D3-R	MA-SED4060EN-D3-R	MA-SED4060ET-D3-R	10	20	100
Length mm 105	(40+65)	MA-SED4065EB-D3-R	MA-SED4065EN-D3-R	MA-SED4065ET-D3-R	10	20	100
Length mm 110	(40+70)	MA-SED4070EB-D3-R	MA-SED4070EN-D3-R	MA-SED4070ET-D3-R	10	20	100
Length mm 115	(40+75)	MA-SED4075EB-D3-R	MA-SED4075EN-D3-R	MA-SED4075ET-D3-R	10	20	100
Length mm 120	(40+80)	MA-SED4080EB-D3-R	MA-SED4080EN-D3-R	MA-SED4080ET-D3-R	10	20	100
Length mm 125	(40+85)	MA-SED4085EB-D3-R	MA-SED4085EN-D3-R	MA-SED4085ET-D3-R	10	20	100
Length mm 130	(40+90)	MA-SED4090EB-D3-R	MA-SED4090EN-D3-R	MA-SED4090ET-D3-R	10	20	100
Length mm 90	(45+45)	MA-SED4545EB-D3-R	MA-SED4545EN-D3-R	MA-SED4545ET-D3-R	10	20	100
Length mm 95	(45+50)	MA-SED4550EB-D3-R	MA-SED4550EN-D3-R	MA-SED4550ET-D3-R	10	20	100
Length mm 100	(45+55)	MA-SED4555EB-D3-R	MA-SED4555EN-D3-R	MA-SED4555ET-D3-R	10	20	100
Length mm 105	(45+60)	MA-SED4560EB-D3-R	MA-SED4560EN-D3-R	MA-SED4560ET-D3-R	10	20	100
Length mm 110	(45+65)	MA-SED4565EB-D3-R	MA-SED4565EN-D3-R	MA-SED4565ET-D3-R	10	20	100
Length mm 115	(45+70)	MA-SED4570EB-D3-R	MA-SED4570EN-D3-R	MA-SED4570ET-D3-R	10	20	100

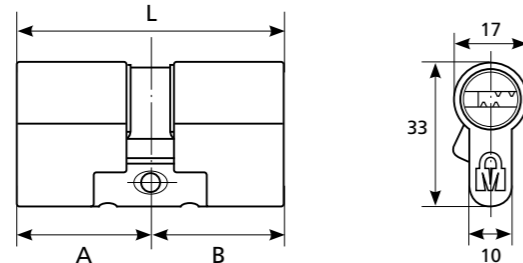


**SED 3keys**

L	A + B	BRASS	NICKEL	TITANIUM	Inner Qty	Master Qty	Min. Order
Length mm 120	(45+75)	MA-SED4575EB-D3-R	MA-SED4575EN-D3-R	MA-SED4575ET-D3-R	10	20	100
Length mm 125	(45+80)	MA-SED4580EB-D3-R	MA-SED4580EN-D3-R	MA-SED4580ET-D3-R	10	20	100
Length mm 130	(45+85)	MA-SED4585EB-D3-R	MA-SED4585EN-D3-R	MA-SED4585ET-D3-R	10	20	100
Length mm 100	(50+50)	MA-SED5050EB-D3-R	MA-SED5050EN-D3-R	MA-SED5050ET-D3-R	10	20	100
Length mm 105	(50+55)	MA-SED5055EB-D3-R	MA-SED5055EN-D3-R	MA-SED5055ET-D3-R	10	20	100
Length mm 110	(50+60)	MA-SED5060EB-D3-R	MA-SED5060EN-D3-R	MA-SED5060ET-D3-R	10	20	100
Length mm 115	(50+65)	MA-SED5065EB-D3-R	MA-SED5065EN-D3-R	MA-SED5065ET-D3-R	10	20	100
Length mm 120	(50+70)	MA-SED5070EB-D3-R	MA-SED5070EN-D3-R	MA-SED5070ET-D3-R	10	20	100
Length mm 125	(50+75)	MA-SED5075EB-D3-R	MA-SED5075EN-D3-R	MA-SED5075ET-D3-R	10	20	100
Length mm 130	(50+80)	MA-SED5080EB-D3-R	MA-SED5080EN-D3-R	MA-SED5080ET-D3-R	10	20	100
Length mm 110	(55+55)	MA-SED5555EB-D3-R	MA-SED5555EN-D3-R	MA-SED5555ET-D3-R	10	20	100
Length mm 115	(55+60)	MA-SED5560EB-D3-R	MA-SED5560EN-D3-R	MA-SED5560ET-D3-R	10	20	100
Length mm 120	(55+65)	MA-SED5565EB-D3-R	MA-SED5565EN-D3-R	MA-SED5565ET-D3-R	10	20	100
Length mm 125	(55+70)	MA-SED5570EB-D3-R	MA-SED5570EN-D3-R	MA-SED5570ET-D3-R	10	20	100
Length mm 120	(60+60)	MA-SED6060EB-D3-R	MA-SED6060EN-D3-R	MA-SED6060ET-D3-R	10	20	100
Length mm 125	(60+65)	MA-SED6065EB-D3-R	MA-SED6065EN-D3-R	MA-SED6065ET-D3-R	10	20	100
Length mm 130	(60+70)	MA-SED6070EB-D3-R	MA-SED6070EN-D3-R	MA-SED6070ET-D3-R	10	20	100

**SED 5keys**

**Superior series**  
**European**  
**Double Profile Cylinders**  
Keyed Different  
Retail packaging



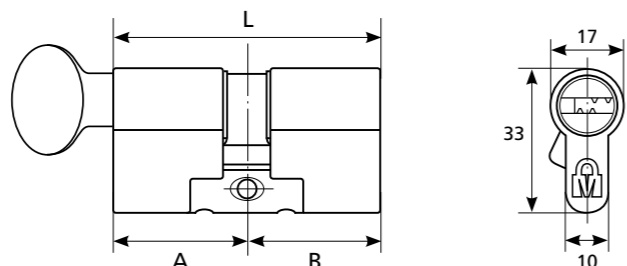
L	A + B	BRASS	NICKEL	TITANIUM	Inner Qty	Master Qty	Min. Order
Length mm 56	(28+28)	MA-SED2828EB-D5-R	MA-SED2828EN-D5-R	MA-SED2828ET-D5-R	10	20	100
Length mm 61	(28+33)	MA-SED2833EB-D5-R	MA-SED2833EN-D5-R	MA-SED2833ET-D5-R	10	20	100
Length mm 60	(30+30)	MA-SED3030EB-D5-R	MA-SED3030EN-D5-R	MA-SED3030ET-D5-R	10	20	100
Length mm 65	(30+35)	MA-SED3035EB-D5-R	MA-SED3035EN-D5-R	MA-SED3035ET-D5-R	10	20	100
Length mm 70	(30+40)	MA-SED3040EB-D5-R	MA-SED3040EN-D5-R	MA-SED3040ET-D5-R	10	20	100
Length mm 75	(30+45)	MA-SED3045EB-D5-R	MA-SED3045EN-D5-R	MA-SED3045ET-D5-R	10	20	100
Length mm 80	(30+50)	MA-SED3050EB-D5-R	MA-SED3050EN-D5-R	MA-SED3050ET-D5-R	10	20	100
Length mm 85	(30+55)	MA-SED3055EB-D5-R	MA-SED3055EN-D5-R	MA-SED3055ET-D5-R	10	20	100
Length mm 90	(30+60)	MA-SED3060EB-D5-R	MA-SED3060EN-D5-R	MA-SED3060ET-D5-R	10	20	100
Length mm 95	(30+65)	MA-SED3065EB-D5-R	MA-SED3065EN-D5-R	MA-SED3065ET-D5-R	10	20	100
Length mm 100	(30+70)	MA-SED3070EB-D5-R	MA-SED3070EN-D5-R	MA-SED3070ET-D5-R	10	20	100
Length mm 105	(30+75)	MA-SED3075EB-D5-R	MA-SED3075EN-D5-R	MA-SED3075ET-D5-R	10	20	100
Length mm 110	(30+80)	MA-SED3080EB-D5-R	MA-SED3080EN-D5-R	MA-SED3080ET-D5-R	10	20	100
Length mm 115	(30+85)	MA-SED3085EB-D5-R	MA-SED3085EN-D5-R	MA-SED3085ET-D5-R	10	20	100
Length mm 120	(30+90)	MA-SED3090EB-D5-R	MA-SED3090EN-D5-R	MA-SED3090ET-D5-R	10	20	100
Length mm 70	(35+35)	MA-SED3535EB-D5-R	MA-SED3535EN-D5-R	MA-SED3535ET-D5-R	10	20	100
Length mm 75	(35+40)	MA-SED3540EB-D5-R	MA-SED3540EN-D5-R	MA-SED3540ET-D5-R	10	20	100
Length mm 80	(35+45)	MA-SED3545EB-D5-R	MA-SED3545EN-D5-R	MA-SED3545ET-D5-R	10	20	100
Length mm 85	(35+50)	MA-SED3550EB-D5-R	MA-SED3550EN-D5-R	MA-SED3550ET-D5-R	10	20	100
Length mm 90	(35+55)	MA-SED3555EB-D5-R	MA-SED3555EN-D5-R	MA-SED3555ET-D5-R	10	20	100

**SED 5keys**

L	A + B	BRASS	NICKEL	TITANIUM	Inner Qty	Master Qty	Min. Order
Length mm 95	(35+60)	MA-SED3560EB-D5-R	MA-SED3560EN-D5-R	MA-SED3560ET-D5-R	10	20	100
Length mm 100	(35+65)	MA-SED3565EB-D5-R	MA-SED3565EN-D5-R	MA-SED3565ET-D5-R	10	20	100
Length mm 105	(35+70)	MA-SED3570EB-D5-R	MA-SED3570EN-D5-R	MA-SED3570ET-D5-R	10	20	100
Length mm 110	(35+75)	MA-SED3575EB-D5-R	MA-SED3575EN-D5-R	MA-SED3575ET-D5-R	10	20	100
Length mm 115	(35+80)	MA-SED3580EB-D5-R	MA-SED3580EN-D5-R	MA-SED3580ET-D5-R	10	20	100
Length mm 120	(35+85)	MA-SED3585EB-D5-R	MA-SED3585EN-D5-R	MA-SED3585ET-D5-R	10	20	100
Length mm 125	(35+90)	MA-SED3590EB-D5-R	MA-SED3590EN-D5-R	MA-SED3590ET-D5-R	10	20	100
Length mm 80	(40+40)	MA-SED4040EB-D5-R	MA-SED4040EN-D5-R	MA-SED4040ET-D5-R	10	20	100
Length mm 85	(40+45)	MA-SED4045EB-D5-R	MA-SED4045EN-D5-R	MA-SED4045ET-D5-R	10	20	100
Length mm 90	(40+50)	MA-SED4050EB-D5-R	MA-SED4050EN-D5-R	MA-SED4050ET-D5-R	10	20	100
Length mm 95	(40+55)	MA-SED4055EB-D5-R	MA-SED4055EN-D5-R	MA-SED4055ET-D5-R	10	20	100
Length mm 100	(40+60)	MA-SED4060EB-D5-R	MA-SED4060EN-D5-R	MA-SED4060ET-D5-R	10	20	100
Length mm 105	(40+65)	MA-SED4065EB-D5-R	MA-SED4065EN-D5-R	MA-SED4065ET-D5-R	10	20	100
Length mm 110	(40+70)	MA-SED4070EB-D5-R	MA-SED4070EN-D5-R	MA-SED4070ET-D5-R	10	20	100
Length mm 115	(40+75)	MA-SED4075EB-D5-R	MA-SED4075EN-D5-R	MA-SED4075ET-D5-R	10	20	100
Length mm 120	(40+80)	MA-SED4080EB-D5-R	MA-SED4080EN-D5-R	MA-SED4080ET-D5-R	10	20	100
Length mm 125	(40+85)	MA-SED4085EB-D5-R	MA-SED4085EN-D5-R	MA-SED4085ET-D5-R	10	20	100
Length mm 130	(40+90)	MA-SED4090EB-D5-R	MA-SED4090EN-D5-R	MA-SED4090ET-D5-R	10	20	100
Length mm 90	(45+45)	MA-SED4545EB-D5-R	MA-SED4545EN-D5-R	MA-SED4545ET-D5-R	10	20	100
Length mm 95	(45+50)	MA-SED4550EB-D5-R	MA-SED4550EN-D5-R	MA-SED4550ET-D5-R	10	20	100
Length mm 100	(45+55)	MA-SED4555EB-D5-R	MA-SED4555EN-D5-R	MA-SED4555ET-D5-R	10	20	100
Length mm 105	(45+60)	MA-SED4560EB-D5-R	MA-SED4560EN-D5-R	MA-SED4560ET-D5-R	10	20	100
Length mm 110	(45+65)	MA-SED4565EB-D5-R	MA-SED4565EN-D5-R	MA-SED4565ET-D5-R	10	20	100
Length mm 115	(45+70)	MA-SED4570EB-D5-R	MA-SED4570EN-D5-R	MA-SED4570ET-D5-R	10	20	100
Length mm 120	(45+75)	MA-SED4575EB-D5-R	MA-SED4575EN-D5-R	MA-SED4575ET-D5-R	10	20	100
Length mm 125	(45+80)	MA-SED4580EB-D5-R	MA-SED4580EN-D5-R	MA-SED4580ET-D5-R	10	20	100
Length mm 130	(45+85)	MA-SED4585EB-D5-R	MA-SED4585EN-D5-R	MA-SED4585ET-D5-R	10	20	100
Length mm 100	(50+50)	MA-SED5050EB-D5-R	MA-SED5050EN-D5-R	MA-SED5050ET-D5-R	10	20	100
Length mm 105	(50+55)	MA-SED5055EB-D5-R	MA-SED5055EN-D5-R	MA-SED5055ET-D5-R	10	20	100
Length mm 110	(50+60)	MA-SED5060EB-D5-R	MA-SED5060EN-D5-R	MA-SED5060ET-D5-R	10	20	100
Length mm 115	(50+65)	MA-SED5065EB-D5-R	MA-SED5065EN-D5-R	MA-SED5065ET-D5-R	10	20	100
Length mm 120	(50+70)	MA-SED5070EB-D5-R	MA-SED5070EN-D5-R	MA-SED5070ET-D5-R	10	20	100
Length mm 125	(50+75)	MA-SED5075EB-D5-R	MA-SED5075EN-D5-R	MA-SED5075ET-D5-R	10	20	100
Length mm 130	(50+80)	MA-SED5080EB-D5-R	MA-SED5080EN-D5-R	MA-SED5080ET-D5-R	10	20	100
Length mm 110	(55+55)	MA-SED5555EB-D5-R	MA-SED5555EN-D5-R	MA-SED5555ET-D5-R	10	20	100
Length mm 115	(55+60)	MA-SED5560EB-D5-R	MA-SED5560EN-D5-R	MA-SED5560ET-D5-R	10	20	100
Length mm 120	(55+65)	MA-SED5565EB-D5-R	MA-SED5565EN-D5-R	MA-SED5565ET-D5-R	10	20	100
Length mm 125	(55+70)	MA-SED5570EB-D5-R	MA-SED5570EN-D5-R	MA-SED5570ET-D5-R	10	20	100
Length mm 120	(60+60)	MA-SED6060EB-D5-R	MA-SED6060EN-D5-R	MA-SED6060ET-D5-R	10	20	100
Length mm 125	(60+65)	MA-SED6065EB-D5-R	MA-SED6065EN-D5-R	MA-SED6065ET-D5-R	10	20	100
Length mm 130	(60+70)	MA-SED6070EB-D5-R	MA-SED6070EN-D5-R	MA-SED6070ET-D5-R	10	20	100

**SET 3keys**

**Superior series**  
**European**  
**Thumbturn Single Profile Cylinders**  
 Keyed Different  
 Retail packaging



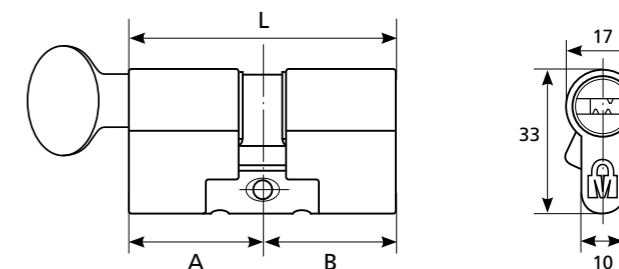
L	A + B	BRASS	NICKEL	TITANIUM	Inner Qty	Master Qty	Min. Order
Length mm 56	(knob 28+28)	MA-SET2828EB-D3-R	MA-SET2828EN-D3-R	MA-SET2828ET-D3-R	10	20	100
Length mm 61	(knob 28+33)	MA-SET2833EB-D3-R	MA-SET2833EN-D3-R	MA-SET2833ET-D3-R	10	20	100
Length mm 60	(knob 30+30)	MA-SET3030EB-D3-R	MA-SET3030EN-D3-R	MA-SET3030ET-D3-R	10	20	100
Length mm 65	(knob 30+35)	MA-SET3035EB-D3-R	MA-SET3035EN-D3-R	MA-SET3035ET-D3-R	10	20	100
Length mm 70	(knob 30+40)	MA-SET3040EB-D3-R	MA-SET3040EN-D3-R	MA-SET3040ET-D3-R	10	20	100
Length mm 75	(knob 30+45)	MA-SET3045EB-D3-R	MA-SET3045EN-D3-R	MA-SET3045ET-D3-R	10	20	100
Length mm 80	(knob 30+50)	MA-SET3050EB-D3-R	MA-SET3050EN-D3-R	MA-SET3050ET-D3-R	10	20	100
Length mm 85	(knob 30+55)	MA-SET3055EB-D3-R	MA-SET3055EN-D3-R	MA-SET3055ET-D3-R	10	20	100
Length mm 90	(knob 30+60)	MA-SET3060EB-D3-R	MA-SET3060EN-D3-R	MA-SET3060ET-D3-R	10	20	100
Length mm 95	(knob 30+65)	MA-SET3065EB-D3-R	MA-SET3065EN-D3-R	MA-SET3065ET-D3-R	10	20	100
Length mm 100	(knob 30+70)	MA-SET3070EB-D3-R	MA-SET3070EN-D3-R	MA-SET3070ET-D3-R	10	20	100
Length mm 105	(knob 30+75)	MA-SET3075EB-D3-R	MA-SET3075EN-D3-R	MA-SET3075ET-D3-R	10	20	100
Length mm 110	(knob 30+80)	MA-SET3080EB-D3-R	MA-SET3080EN-D3-R	MA-SET3080ET-D3-R	10	20	100
Length mm 115	(knob 30+85)	MA-SET3085EB-D3-R	MA-SET3085EN-D3-R	MA-SET3085ET-D3-R	10	20	100
Length mm 120	(knob 30+90)	MA-SET3090EB-D3-R	MA-SET3090EN-D3-R	MA-SET3090ET-D3-R	10	20	100
Length mm 65	(knob 35+30)	MA-SET3530EB-D3-R	MA-SET3530EN-D3-R	MA-SET3530ET-D3-R	10	20	100
Length mm 70	(knob 35+35)	MA-SET3535EB-D3-R	MA-SET3535EN-D3-R	MA-SET3535ET-D3-R	10	20	100
Length mm 75	(knob 35+40)	MA-SET3540EB-D3-R	MA-SET3540EN-D3-R	MA-SET3540ET-D3-R	10	20	100
Length mm 80	(knob 35+45)	MA-SET3545EB-D3-R	MA-SET3545EN-D3-R	MA-SET3545ET-D3-R	10	20	100
Length mm 85	(knob 35+50)	MA-SET3550EB-D3-R	MA-SET3550EN-D3-R	MA-SET3550ET-D3-R	10	20	100
Length mm 90	(knob 35+55)	MA-SET3555EB-D3-R	MA-SET3555EN-D3-R	MA-SET3555ET-D3-R	10	20	100
Length mm 95	(knob 35+60)	MA-SET3560EB-D3-R	MA-SET3560EN-D3-R	MA-SET3560ET-D3-R	10	20	100
Length mm 100	(knob 35+65)	MA-SET3565EB-D3-R	MA-SET3565EN-D3-R	MA-SET3565ET-D3-R	10	20	100
Length mm 105	(knob 35+70)	MA-SET3570EB-D3-R	MA-SET3570EN-D3-R	MA-SET3570ET-D3-R	10	20	100
Length mm 110	(knob 35+75)	MA-SET3575EB-D3-R	MA-SET3575EN-D3-R	MA-SET3575ET-D3-R	10	20	100
Length mm 115	(knob 35+80)	MA-SET3580EB-D3-R	MA-SET3580EN-D3-R	MA-SET3580ET-D3-R	10	20	100
Length mm 120	(knob 35+85)	MA-SET3585EB-D3-R	MA-SET3585EN-D3-R	MA-SET3585ET-D3-R	10	20	100
Length mm 125	(knob 35+90)	MA-SET3590EB-D3-R	MA-SET3590EN-D3-R	MA-SET3590ET-D3-R	10	20	100
Length mm 70	(knob 40+30)	MA-SET4030EB-D3-R	MA-SET4030EN-D3-R	MA-SET4030ET-D3-R	10	20	100
Length mm 80	(knob 40+40)	MA-SET4040EB-D3-R	MA-SET4040EN-D3-R	MA-SET4040ET-D3-R	10	20	100
Length mm 85	(knob 40+45)	MA-SET4045EB-D3-R	MA-SET4045EN-D3-R	MA-SET4045ET-D3-R	10	20	100
Length mm 90	(knob 40+50)	MA-SET4050EB-D3-R	MA-SET4050EN-D3-R	MA-SET4050ET-D3-R	10	20	100
Length mm 95	(knob 40+55)	MA-SET4055EB-D3-R	MA-SET4055EN-D3-R	MA-SET4055ET-D3-R	10	20	100
Length mm 100	(knob 40+60)	MA-SET4060EB-D3-R	MA-SET4060EN-D3-R	MA-SET4060ET-D3-R	10	20	100
Length mm 105	(knob 40+65)	MA-SET4065EB-D3-R	MA-SET4065EN-D3-R	MA-SET4065ET-D3-R	10	20	100
Length mm 110	(knob 40+70)	MA-SET4070EB-D3-R	MA-SET4070EN-D3-R	MA-SET4070ET-D3-R	10	20	100
Length mm 115	(knob 40+75)	MA-SET4075EB-D3-R	MA-SET4075EN-D3-R	MA-SET4075ET-D3-R	10	20	100
Length mm 120	(knob 40+80)	MA-SET4080EB-D3-R	MA-SET4080EN-D3-R	MA-SET4080ET-D3-R	10	20	100
Length mm 125	(knob 40+85)	MA-SET4085EB-D3-R	MA-SET4085EN-D3-R	MA-SET4085ET-D3-R	10	20	100
Length mm 130	(knob 40+90)	MA-SET4090EB-D3-R	MA-SET4090EN-D3-R	MA-SET4090ET-D3-R	10	20	100
Length mm 75	(knob 45+30)	MA-SET4530EB-D3-R	MA-SET4530EN-D3-R	MA-SET4530ET-D3-R	10	20	100
Length mm 90	(knob 45+45)	MA-SET4545EB-D3-R	MA-SET4545EN-D3-R	MA-SET4545ET-D3-R	10	20	100
Length mm 95	(knob 45+50)	MA-SET4550EB-D3-R	MA-SET4550EN-D3-R	MA-SET4550ET-D3-R	10	20	100
Length mm 100	(knob 45+55)	MA-SET4555EB-D3-R	MA-SET4555EN-D3-R	MA-SET4555ET-D3-R	10	20	100

**SET 3keys**

L	A + B	BRASS	NICKEL	TITANIUM	Inner Qty	Master Qty	Min. Order
Length mm 105	(knob 45+60)	MA-SET4560EB-D3-R	MA-SET4560EN-D3-R	MA-SET4560ET-D3-R	10	20	100
Length mm 110	(knob 45+65)	MA-SET4565EB-D3-R	MA-SET4565EN-D3-R	MA-SET4565ET-D3-R	10	20	100
Length mm 115	(knob 45+70)	MA-SET4570EB-D3-R	MA-SET4570EN-D3-R	MA-SET4570ET-D3-R	10	20	100
Length mm 120	(knob 45+75)	MA-SET4575EB-D3-R	MA-SET4575EN-D3-R	MA-SET4575ET-D3-R	10	20	100
Length mm 125	(knob 45+80)	MA-SET4580EB-D3-R	MA-SET4580EN-D3-R	MA-SET4580ET-D3-R	10	20	100
Length mm 130	(knob 45+85)	MA-SET4585EB-D3-R	MA-SET4585EN-D3-R	MA-SET4585ET-D3-R	10	20	100
Length mm 80	(knob 50+30)	MA-SET5030EB-D3-R	MA-SET5030EN-D3-R	MA-SET5030ET-D3-R	10	20	100
Length mm 85	(knob 50+35)	MA-SET5035EB-D3-R	MA-SET5035EN-D3-R	MA-SET5035ET-D3-R	10	20	100
Length mm 90	(knob 50+40)	MA-SET5040EB-D3-R	MA-SET5040EN-D3-R	MA-SET5040ET-D3-R	10	20	100
Length mm 100	(knob 50+50)	MA-SET5050EB-D3-R	MA-SET5050EN-D3-R	MA-SET5050ET-D3-R	10	20	100
Length mm 105	(knob 50+55)	MA-SET5055EB-D3-R	MA-SET5055EN-D3-R	MA-SET5055ET-D3-R	10	20	100
Length mm 110	(knob 50+60)	MA-SET5060EB-D3-R	MA-SET5060EN-D3-R	MA-SET5060ET-D3-R	10	20	100
Length mm 115	(knob 50+65)	MA-SET5065EB-D3-R	MA-SET5065EN-D3-R	MA-SET5065ET-D3-R	10	20	100
Length mm 120	(knob 50+70)	MA-SET5070EB-D3-R	MA-SET5070EN-D3-R	MA-SET5070ET-D3-R	10	20	100
Length mm 125	(knob 50+75)	MA-SET5075EB-D3-R	MA-SET5075EN-D3-R	MA-SET5075ET-D3-R	10	20	100
Length mm 130	(knob 50+80)	MA-SET5080EB-D3-R	MA-SET5080EN-D3-R	MA-SET5080ET-D3-R	10	20	100
Length mm 110	(knob 55+55)	MA-SET5555EB-D3-R	MA-SET5555EN-D3-R	MA-SET5555ET-D3-R	10	20	100
Length mm 115	(knob 55+60)	MA-SET5560EB-D3-R	MA-SET5560EN-D3-R	MA-SET5560ET-D3-R	10	20	100
Length mm 120	(knob 55+65)	MA-SET5565EB-D3-R	MA-SET5565EN-D3-R	MA-SET5565ET-D3-R	10	20	100
Length mm 125	(knob 55+70)	MA-SET5570EB-D3-R	MA-SET5570EN-D3-R	MA-SET5570ET-D3-R	10	20	100
Length mm 130	(knob 55+75)	MA-SET5575EB-D3-R	MA-SET5575EN-D3-R	MA-SET5575ET-D3-R	10	20	100
Length mm 120	(knob 60+60)	MA-SET6060EB-D3-R	MA-SET6060EN-D3-R	MA-SET6060ET-D3-R	10	20	100
Length mm 125	(knob 60+65)	MA-SET6065EB-D3-R	MA-SET6065EN-D3-R	MA-SET6065ET-D3-R	10	20	100
Length mm 130	(knob 60+70)	MA-SET6070EB-D3-R	MA-SET6070EN-D3-R	MA-SET6070ET-D3-R	10	20	100

**SET 5keys**

**Superior series**  
**European**  
**Thumbturn Single Profile Cylinders**  
 Keyed Different  
 Retail packaging



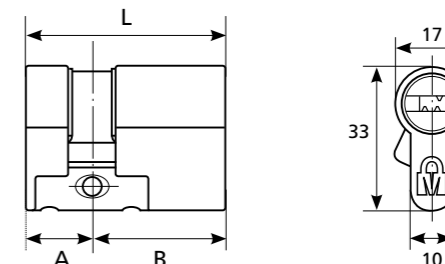
L	A + B	BRASS	NICKEL	TITANIUM	Inner Qty	Master Qty	Min. Order
Length mm 56	(knob 28+28)	MA-SET2828EB-D5-R	MA-SET2828EN-D5-R	MA-SET2828ET-D5-R	10	20	100
Length mm 61	(knob 28+33)	MA-SET2833EB-D5-R	MA-SET2833EN-D5-R	MA-SET2833ET-D5-R	10	20	100
Length mm 60	(knob 30+30)	MA-SET3030EB-D5-R	MA-SET3030EN-D5-R	MA-SET3030ET-D5-R	10	20	100
Length mm 65	(knob 30+35)	MA-SET3035EB-D5-R	MA-SET3035EN-D5-R	MA-SET3035ET-D5-R	10	20	100
Length mm 70	(knob 30+40)	MA-SET3040EB-D5-R	MA-SET3040EN-D5-R	MA-SET3040ET-D5-R	10	20	100
Length mm 75	(knob 30+45)	MA-SET3045EB-D5-R	MA-SET3045EN-D5-R	MA-SET3045ET-D5-R	10	20	100
Length mm 80	(knob 30+50)	MA-SET3050EB-D5-R	MA-SET3050EN-D5-R	MA-SET3050ET-D5-R	10	20	100
Length mm 85	(knob 30+55)	MA-SET3055EB-D5-R	MA-SET3055EN-D5-R	MA-SET3055ET-D5-R	10	20	100
Length mm 90	(knob 30+60)	MA-SET3060EB-D5-R	MA-SET3060EN-D5-R	MA-SET3060ET-D5-R	10	20	100
Length mm 95	(knob 30+65)	MA-SET3065EB-D5-R	MA-SET3065EN-D5-R	MA-SET3065ET-D5-R	10	20	100
Length mm 100	(knob 30+70)	MA-SET3070EB-D5-R	MA-SET3070EN-D5-R	MA-SET3070ET-D5-R	10	20	100
Length mm 105	(knob 30+75)	MA-SET3075EB-D5-R	MA-SET3075EN-D5-R	MA-SET3075ET-D5-R	10	20	100
Length mm 110	(knob 30+80)	MA-SET3080EB-D5-R	MA-SET3080EN-D5-R	MA-SET3080ET-D5-R	10	20	100

**SET 5keys**

L	A + B	BRASS	NICKEL	TITANIUM	Inner Qty	Master Qty	Min. Order
Length mm 115	(knob 30+85)	MA-SET3085EB-D5-R	MA-SET3085EN-D5-R	MA-SET3085ET-D5-R	10	20	100
Length mm 120	(knob 30+90)	MA-SET3090EB-D5-R	MA-SET3090EN-D5-R	MA-SET3090ET-D5-R	10	20	100
Length mm 65	(knob 35+30)	MA-SET3530EB-D5-R	MA-SET3530EN-D5-R	MA-SET3530ET-D5-R	10	20	100
Length mm 70	(knob 35+35)	MA-SET3535EB-D5-R	MA-SET3535EN-D5-R	MA-SET3535ET-D5-R	10	20	100
Length mm 75	(knob 35+40)	MA-SET3540EB-D5-R	MA-SET3540EN-D5-R	MA-SET3540ET-D5-R	10	20	100
Length mm 80	(knob 35+45)	MA-SET3545EB-D5-R	MA-SET3545EN-D5-R	MA-SET3545ET-D5-R	10	20	100
Length mm 85	(knob 35+50)	MA-SET3550EB-D5-R	MA-SET3550EN-D5-R	MA-SET3550ET-D5-R	10	20	100
Length mm 90	(knob 35+55)	MA-SET3555EB-D5-R	MA-SET3555EN-D5-R	MA-SET3555ET-D5-R	10	20	100
Length mm 95	(knob 35+60)	MA-SET3560EB-D5-R	MA-SET3560EN-D5-R	MA-SET3560ET-D5-R	10	20	100
Length mm 100	(knob 35+65)	MA-SET3565EB-D5-R	MA-SET3565EN-D5-R	MA-SET3565ET-D5-R	10	20	100
Length mm 105	(knob 35+70)	MA-SET3570EB-D5-R	MA-SET3570EN-D5-R	MA-SET3570ET-D5-R	10	20	100
Length mm 110	(knob 35+75)	MA-SET3575EB-D5-R	MA-SET3575EN-D5-R	MA-SET3575ET-D5-R	10	20	100
Length mm 115	(knob 35+80)	MA-SET3580EB-D5-R	MA-SET3580EN-D5-R	MA-SET3580ET-D5-R	10	20	100
Length mm 120	(knob 35+85)	MA-SET3585EB-D5-R	MA-SET3585EN-D5-R	MA-SET3585ET-D5-R	10	20	100
Length mm 125	(knob 35+90)	MA-SET3590EB-D5-R	MA-SET3590EN-D5-R	MA-SET3590ET-D5-R	10	20	100
Length mm 70	(knob 40+30)	MA-SET4030EB-D5-R	MA-SET4030EN-D5-R	MA-SET4030ET-D5-R	10	20	100
Length mm 80	(knob 40+40)	MA-SET4040EB-D5-R	MA-SET4040EN-D5-R	MA-SET4040ET-D5-R	10	20	100
Length mm 85	(knob 40+45)	MA-SET4045EB-D5-R	MA-SET4045EN-D5-R	MA-SET4045ET-D5-R	10	20	100
Length mm 90	(knob 40+50)	MA-SET4050EB-D5-R	MA-SET4050EN-D5-R	MA-SET4050ET-D5-R	10	20	100
Length mm 95	(knob 40+55)	MA-SET4055EB-D5-R	MA-SET4055EN-D5-R	MA-SET4055ET-D5-R	10	20	100
Length mm 100	(knob 40+60)	MA-SET4060EB-D5-R	MA-SET4060EN-D5-R	MA-SET4060ET-D5-R	10	20	100
Length mm 105	(knob 40+65)	MA-SET4065EB-D5-R	MA-SET4065EN-D5-R	MA-SET4065ET-D5-R	10	20	100
Length mm 110	(knob 40+70)	MA-SET4070EB-D5-R	MA-SET4070EN-D5-R	MA-SET4070ET-D5-R	10	20	100
Length mm 115	(knob 40+75)	MA-SET4075EB-D5-R	MA-SET4075EN-D5-R	MA-SET4075ET-D5-R	10	20	100
Length mm 120	(knob 40+80)	MA-SET4080EB-D5-R	MA-SET4080EN-D5-R	MA-SET4080ET-D5-R	10	20	100
Length mm 125	(knob 40+85)	MA-SET4085EB-D5-R	MA-SET4085EN-D5-R	MA-SET4085ET-D5-R	10	20	100
Length mm 130	(knob 40+90)	MA-SET4090EB-D5-R	MA-SET4090EN-D5-R	MA-SET4090ET-D5-R	10	20	100
Length mm 75	(knob 45+30)	MA-SET4530EB-D5-R	MA-SET4530EN-D5-R	MA-SET4530ET-D5-R	10	20	100
Length mm 90	(knob 45+45)	MA-SET4545EB-D5-R	MA-SET4545EN-D5-R	MA-SET4545ET-D5-R	10	20	100
Length mm 95	(knob 45+50)	MA-SET4550EB-D5-R	MA-SET4550EN-D5-R	MA-SET4550ET-D5-R	10	20	100
Length mm 100	(knob 45+55)	MA-SET4555EB-D5-R	MA-SET4555EN-D5-R	MA-SET4555ET-D5-R	10	20	100
Length mm 105	(knob 45+60)	MA-SET4560EB-D5-R	MA-SET4560EN-D5-R	MA-SET4560ET-D5-R	10	20	100
Length mm 110	(knob 45+65)	MA-SET4565EB-D5-R	MA-SET4565EN-D5-R	MA-SET4565ET-D5-R	10	20	100
Length mm 115	(knob 45+70)	MA-SET4570EB-D5-R	MA-SET4570EN-D5-R	MA-SET4570ET-D5-R	10	20	100
Length mm 120	(knob 45+75)	MA-SET4575EB-D5-R	MA-SET4575EN-D5-R	MA-SET4575ET-D5-R	10	20	100
Length mm 125	(knob 45+80)	MA-SET4580EB-D5-R	MA-SET4580EN-D5-R	MA-SET4580ET-D5-R	10	20	100
Length mm 130	(knob 45+85)	MA-SET4585EB-D5-R	MA-SET4585EN-D5-R	MA-SET4585ET-D5-R	10	20	100
Length mm 80	(knob 50+30)	MA-SET5030EB-D5-R	MA-SET5030EN-D5-R	MA-SET5030ET-D5-R	10	20	100
Length mm 85	(knob 50+35)	MA-SET5035EB-D5-R	MA-SET5035EN-D5-R	MA-SET5035ET-D5-R	10	20	100
Length mm 90	(knob 50+40)	MA-SET5040EB-D5-R	MA-SET5040EN-D5-R	MA-SET5040ET-D5-R	10	20	100
Length mm 100	(knob 50+50)	MA-SET5050EB-D5-R	MA-SET5050EN-D5-R	MA-SET5050ET-D5-R	10	20	100
Length mm 105	(knob 50+55)	MA-SET5055EB-D5-R	MA-SET5055EN-D5-R	MA-SET5055ET-D5-R	10	20	100
Length mm 110	(knob 50+60)	MA-SET5060EB-D5-R	MA-SET5060EN-D5-R	MA-SET5060ET-D5-R	10	20	100
Length mm 115	(knob 50+65)	MA-SET5065EB-D5-R	MA-SET5065EN-D5-R	MA-SET5065ET-D5-R	10	20	100
Length mm 120	(knob 50+70)	MA-SET5070EB-D5-R	MA-SET5070EN-D5-R	MA-SET5070ET-D5-R	10	20	100
Length mm 125	(knob 50+75)	MA-SET5075EB-D5-R	MA-SET5075EN-D5-R	MA-SET5075ET-D5-R	10	20	100
Length mm 130	(knob 50+80)	MA-SET5080EB-D5-R	MA-SET5080EN-D5-R	MA-SET5080ET-D5-R	10	20	100
Length mm 110	(knob 55+55)	MA-SET5555EB-D5-R	MA-SET5555EN-D5-R	MA-SET5555ET-D5-R	10	20	100
Length mm 115	(knob 55+60)	MA-SET5560EB-D5-R	MA-SET5560EN-D5-R	MA-SET5560ET-D5-R	10	20	100
Length mm 120	(knob 55+65)	MA-SET5565EB-D5-R	MA-SET5565EN-D5-R	MA-SET5565ET-D5-R	10	20	100
Length mm 125	(knob 55+70)	MA-SET5570EB-D5-R	MA-SET5570EN-D5-R	MA-SET5570ET-D5-R	10	20	100
Length mm 130	(knob 55+75)	MA-SET5575EB-D5-R	MA-SET5575EN-D5-R	MA-SET5575ET-D5-R	10	20	100
Length mm 120	(knob 60+60)	MA-SET6060EB-D5-R	MA-SET6060EN-D5-R	MA-SET6060ET-D5-R	10	20	100
Length mm 125	(knob 60+65)	MA-SET6065EB-D5-R	MA-SET6065EN-D5-R	MA-SET6065ET-D5-R	10	20	100
Length mm 130	(knob 60+70)	MA-SET6070EB-D5-R	MA-SET6070EN-D5-R	MA-SET6070ET-D5-R	10	20	100

**SES 3keys**

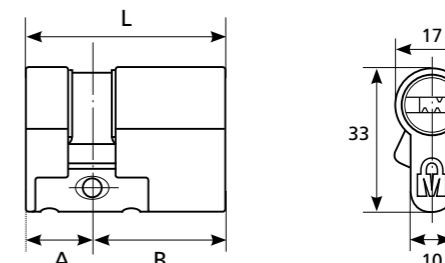
**Superior series**  
**European**  
**Single Profile Cylinders**  
Keyed Different  
Retail packaging



L	A + B	BRASS	NICKEL	TITANIUM	Inner Qty	Master Qty	Min. Order
Length mm 40	(10+30)	MA-SES1030EB-D3-R	MA-SES1030EN-D3-R	MA-SES1030ET-D3-R	10	20	100
Length mm 45	(10+35)	MA-SES1035EB-D3-R	MA-SES1035EN-D3-R	MA-SES1035ET-D3-R	10	20	100
Length mm 50	(10+40)	MA-SES1040EB-D3-R	MA-SES1040EN-D3-R	MA-SES1040ET-D3-R	10	20	100
Length mm 55	(10+45)	MA-SES1045EB-D3-R	MA-SES1045EN-D3-R	MA-SES1045ET-D3-R	10	20	100
Length mm 60	(10+50)	MA-SES1050EB-D3-R	MA-SES1050EN-D3-R	MA-SES1050ET-D3-R	10	20	100
Length mm 65	(10+55)	MA-SES1055EB-D3-R	MA-SES1055EN-D3-R	MA-SES1055ET-D3-R	10	20	100
Length mm 70	(10+60)	MA-SES1060EB-D3-R	MA-SES1060EN-D3-R	MA-SES1060ET-D3-R	10	20	100
Length mm 75	(10+65)	MA-SES1065EB-D3-R	MA-SES1065EN-D3-R	MA-SES1065ET-D3-R	10	20	100
Length mm 80	(10+70)	MA-SES1070EB-D3-R	MA-SES1070EN-D3-R	MA-SES1070ET-D3-R	10	20	100
Length mm 85	(10+75)	MA-SES1075EB-D3-R	MA-SES1075EN-D3-R	MA-SES1075ET-D3-R	10	20	100
Length mm 90	(10+80)	MA-SES1080EB-D3-R	MA-SES1080EN-D3-R	MA-SES1080ET-D3-R	10	20	100
Length mm 100	(10+90)	MA-SES1090EB-D3-R	MA-SES1090EN-D3-R	MA-SES1090ET-D3-R	10	20	100

**SES 5keys**

**Superior series**  
**European**  
**Single Profile Cylinders**  
Keyed Different  
Retail packaging



L	A + B	BRASS	NICKEL	TITANIUM	Inner Qty	Master Qty	Min. Order
Length mm 40	(10+30)	MA-SES1030EB-D5-R	MA-SES1030EN-D5-R	MA-SES1030ET-D5-R	10	20	100
Length mm 45	(10+35)	MA-SES1035EB-D5-R	MA-SES1035EN-D5-R	MA-SES1035ET-D5-R	10	20	100
Length mm 50	(10+40)	MA-SES1040EB-D5-R	MA-SES1040EN-D5-R	MA-SES1040ET-D5-R	10	20	100
Length mm 55	(10+45)	MA-SES1045EB-D5-R	MA-SES1045EN-D5-R	MA-SES1045ET-D5-R	10	20	100
Length mm 60	(10+50)	MA-SES1050EB-D5-R	MA-SES1050EN-D5-R	MA-SES1050ET-D5-R	10	20	100
Length mm 65	(10+55)	MA-SES1055EB-D5-R	MA-SES1055EN-D5-R	MA-SES1055ET-D5-R	10	20	100
Length mm 70	(10+60)	MA-SES1060EB-D5-R	MA-SES1060EN-D5-R	MA-SES1060ET-D5-R	10	20	100
Length mm 75	(10+65)	MA-SES1065EB-D5-R	MA-SES1065EN-D5-R	MA-SES1065ET-D5-R	10	20	100
Length mm 80	(10+70)	MA-SES1070EB-D5-R	MA-SES1070EN-D5-R	MA-SES1070ET-D5-R	10	20	100
Length mm 85	(10+75)	MA-SES1075EB-D5-R	MA-SES1075EN-D5-R	MA-SES1075ET-D5-R	10	20	100
Length mm 90	(10+80)	MA-SES1080EB-D5-R	MA-SES1080EN-D5-R	MA-SES1080ET-D5-R	10	20	100
Length mm 100	(10+90)	MA-SES1090EB-D5-R	MA-SES1090EN-D5-R	MA-SES1090ET-D5-R	10	20	100

**FINISH**



**N** – Nickel

**B** – Brass

**T** – Titanium

**PACKAGING GUIDE (Length x Width x Height)**



**C** – Commercial  
 Size (mm):  
 105 x 55 x 35

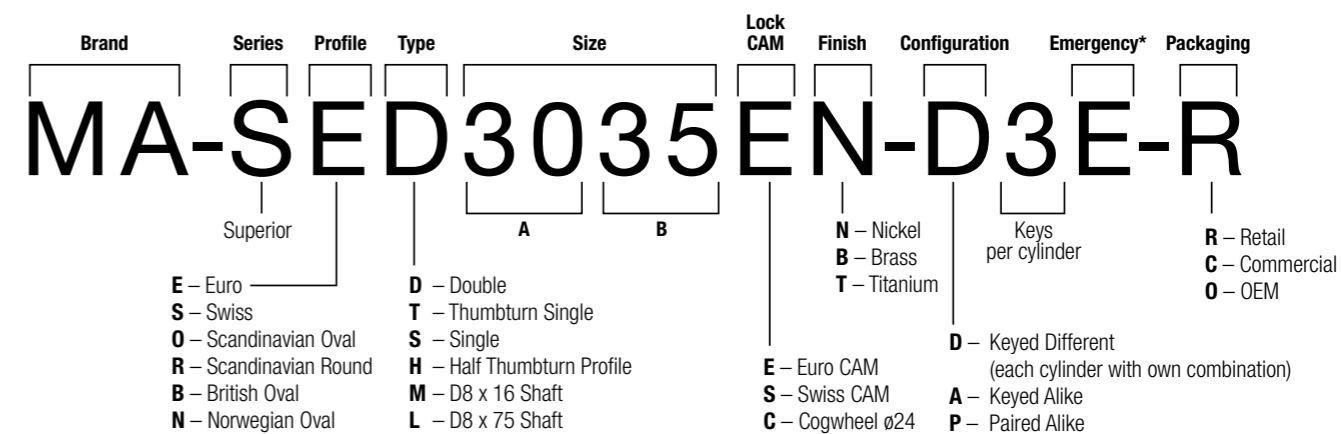


**R** – Retail  
 Size (mm):  
 145 x 160 x 35



**O** – OEM  
 Size (mm):  
 230 x 170 x 85  
 20 pcs per box

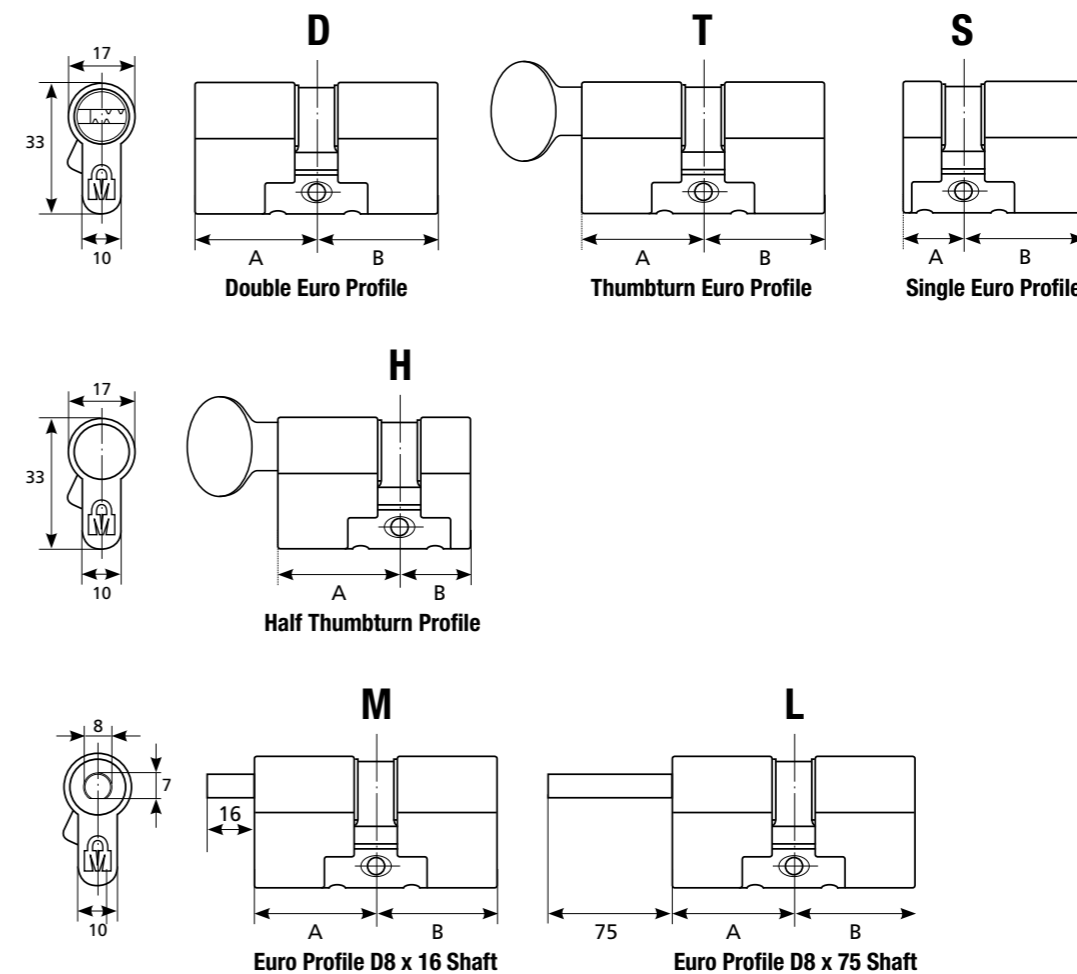
**GUIDE TO CYLINDER CODE – MAGNUM SUPERIOR SERIES**



**In the box:**

- Key code card per cylinder
- 1 M5 x 50mm screw per cylinder

\* Integrated emergency feature, i. e. the cylinder can be operated from the outside even when a key is already inserted on the inside.





**MAGNUM®**  
SECURE LOCK SYSTEMS



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