

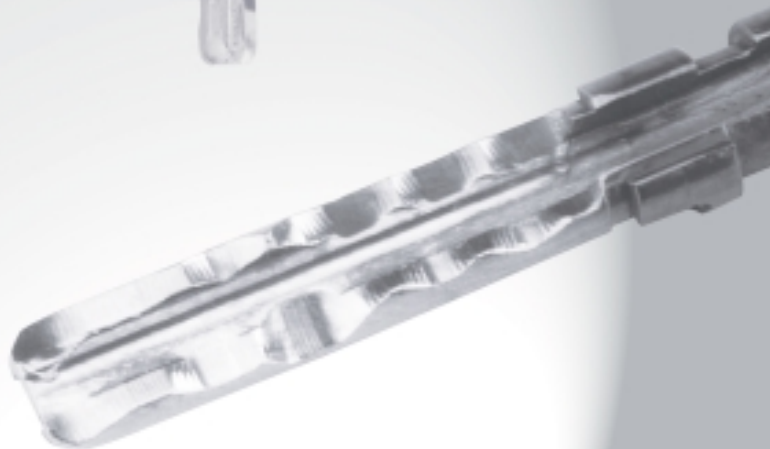


DESIGN AND SECURITY IN 3-D

DOM diamant



SICHERHEITSTECHNIK



Size does not necessarily guarantee the best possible security. Lock systems do not always need to be made heavier and larger. We conceive intelligent solutions and develop these into lock systems which are far ahead of their time.

Security from DOM. That is sufficient.

HIGH-QUALITY SECURITY TECHNOLOGY

Everlasting quality



The DOM diamant system convinces with extremely high performance values. You experience the superior class of a new generation here – a completely new kind of technology, made by DOM. The diamant system sets much higher standards of security and quality. This is made possible by an innovative steel body unit with 21 rotating steel discs. Every single component, from the material to the locking mechanism, stands for uncompromising quality, down to the last detail.


THE LOCK SYSTEM

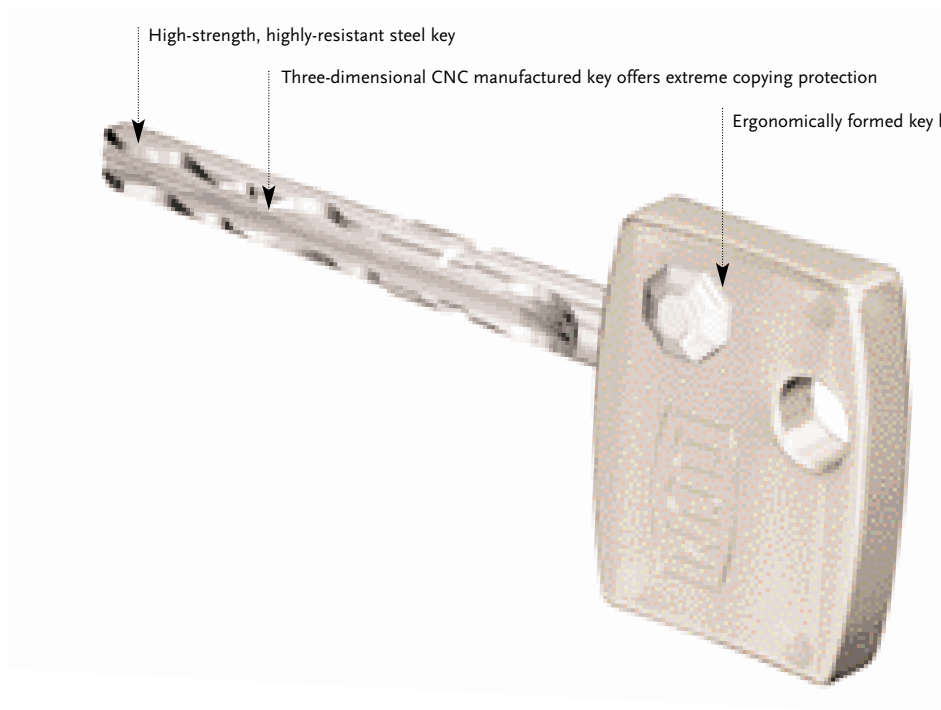
Professional high-tech

Security engineering of a new dimension. DOM diamant achieves extremely high performance values with the innovative disc technology and the cylinder cased in high-quality MIM steel. The stainless steel used here is ultra hardened using the special MIM (Metal Injection Moulding) process. Thus the cylinder has an enormously high tensile strength from the start. This raises the level of protection offered against drilling, pulling and picking even further.

Resistance time value is given a new dimension by DOM diamant. For example, the three dimensional CNC milled key offers extraordinarily high protection against copying. Three latching needles provide an additional, extremely high latching moment.



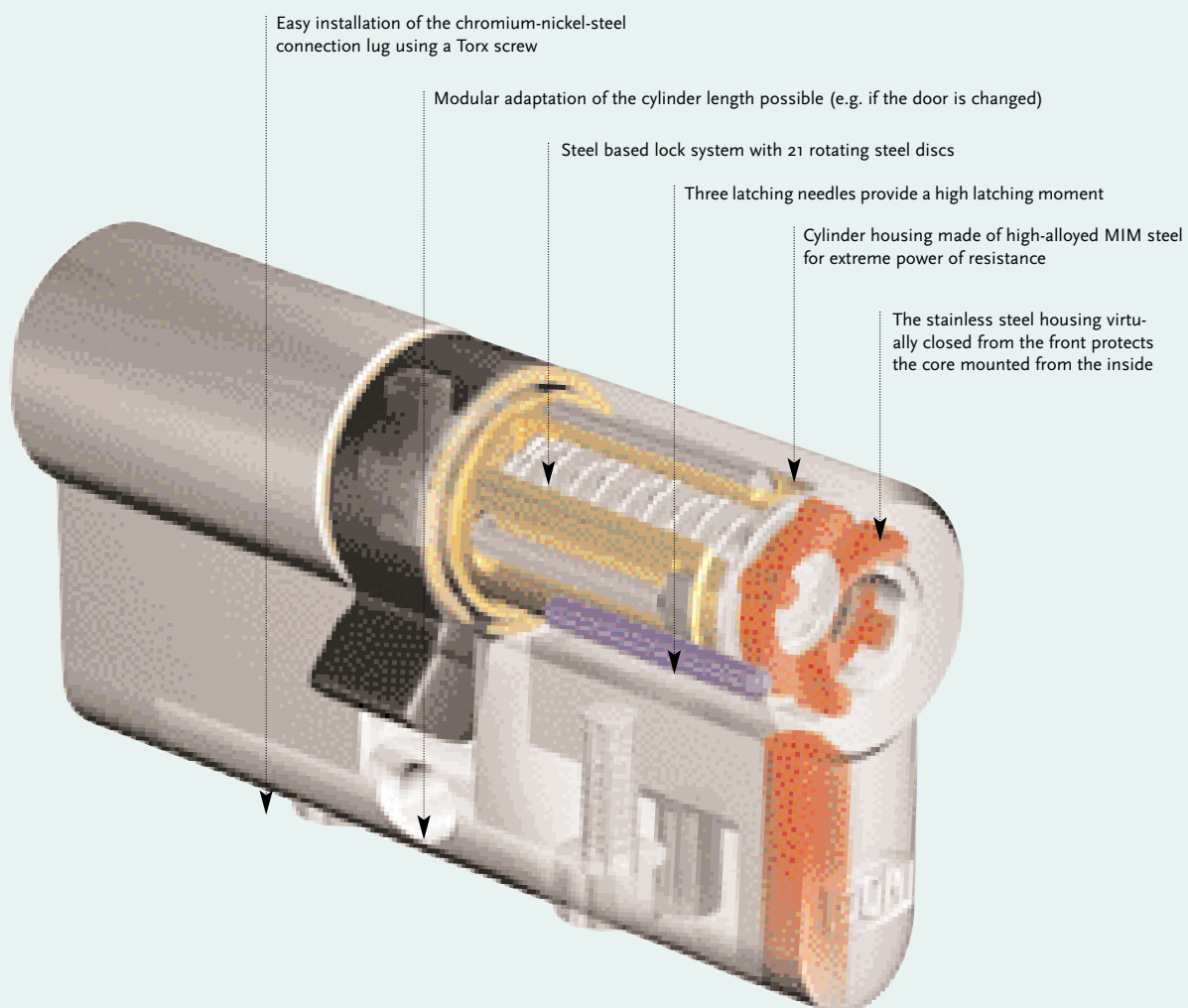
		diamant	
Access authorisation	Locking authorisation monitoring	35	
	Rotating steel discs	21	
Protection from violent entry	Extreme protection against drilling, pulling and picking	•	
	Additional latching needles	3	
	Modular technology (extra pull out protection)	•	
Standards		VdS (steel bodies)	VdS B
		EMA (approved for the priming units of burglar alarms)	•
		DIN Class 3	•
Profile types	Euro profile and round profile	•	



High-strength, highly-resistant steel key

Three-dimensional CNC manufactured key offers extreme copying protection

Ergonomically formed key head



Easy installation of the chromium-nickel-steel connection lug using a Torx screw

Modular adaptation of the cylinder length possible (e.g. if the door is changed)

Steel based lock system with 21 rotating steel discs

Three latching needles provide a high latching moment

Cylinder housing made of high-alloyed MIM steel for extreme power of resistance

The stainless steel housing virtually closed from the front protects the core mounted from the inside

THE COMFORTABLE SIDE OF TECHNOLOGY

High-tech with comfort

DOM diamant is synonymous with security technology of the new dimension. The ergonomic design in combination with an ingenious ball bearing system in the cylinder makes its very easy to guide the key in whilst keeping wear to virtually zero – as good as maintenance-free. The various sub-systems within a lock system result in a high degree of complexity.

Lock system-compatible

DOM diamant is suitable for in a Master or Grandmaster key system. DOM diamant is available in registered only version.

Locks both sides

DOM diamant double cylinders can be locked and unlocked from both sides in the double entry version (T). A door can therefore be unlocked from one side even if there is a key in the other side of the lock.

DOM security circuit

Apart from high-quality control and the manufacturer's guarantee, the security card belongs to the DOM security circuit. It alone gives the authority to have copies made of original DOM keys.



Cylinders available in selected colours

To suit the fittings: The DOM diamant cylinder is available in matt stainless steel as standard, as well as in five other selected colours; matt nickel-plated, polished chrome, matt brushed brass or polished brass.

Modular design

The modular cylinder design permits greatest flexibility while simultaneously offering lasting reliability. This is because the stainless steel connecting web does not only increase the cylinder's tensile strength, but also offers the highest level of modular design thanks to variable lengths. That is standard.



















With a separate service box, cylinders can be quickly adapted to a new door size in case of a move or extension.

SPECIAL CYLINDERS

Many cylinders – one key

DOM diamant is ideally suited to structuring a lock hierarchy, with various lock types, to an extremely high security standard. A wide range of types in modular design provides extensive options for organisational requirements. DOM diamant is available in the MIM steel version, also in cheaper Duracast – well suited for interior doors – in different cylinder forms. The table below shows you the range of options.



Special cylinder	Steel	Duracast
 325		•
 333	•	•
 333 T	•	•
 333 K	•	•
 333 RI	•	•
 333 TR1	•	•
 333 H	•	•
 382		•
 393		•
 419/1		•
 555 P		•
 555 R		•
 777-02		•
 3017/325		•
 3019-03-2		•
 3020		•
 473		•
 4015		•



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