

High-security cylinder TX90-NG

TESA

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The patented **TX90-NG high-security cylinder** offers the latest and most advanced features in key control and overall security, along with innovative anti-attack and anti-manipulation protections, making it a benchmark in the High Security cylinder segment.

Features:

- **Type:** Reversible key cylinder, uncopyable, patented (>2,040).
- **Number of rows:** 2
- **Number of pins:** 8 pins + 2 security movable pins in the key.
- **Technology:** Double-diameter tumbler.
- **Durability:** 100,000 cycles
- **Corrosion and Temperature:** Grade C
- **Combinatory:** Grade 6 (>100,000 key combinations)
- **ANTI-IMPRESSIONING** protection (Patented)
- **ANTI-EXTRACTION** protection
- **ANTI-BUMPING** protection
- **Anti-picking protection:** High level
- **Anti-drilling protection:** High level
- **Double security clutch:** Standard
- **5 PATENTED keys:** Long-neck nickel silver keys

Certification

European Certification EN1303

As is the case with the main models included in TESA's catalog, the TX90-NG is certified according to the tests specified by the European standard.

1	6	0	B	0	C	6	D
Key resistance (Grade 0-1)	Durability (Grade 4 to 6)	Door Mass (Not applied in cylinders)	Fire resistance (Grades 0-A-B)	Personal safety (Not applicable to cylinders)	Corrosion and temperature resistance (Grades 0, A, B, C)	Key related security (Grade 1 to 6)	Attack resistance (Grades 0, A, B, C, D)



Options

- Modular system (for not common sizes or reinforcement of the central bridge).
- Finishes: brass and nickel.
- ***"Service key" function available in European profile.
- Cams: R15, R13, and gear wheels.
- Keyed alike systems and specific coding available.
- Wide range of sizes and profiles.

SKG *** Certification



KEYMANAGER App:
Key copy control system



RECOMENDATIONS:

- Periodically use TESA lubricant to extend the life and durability of your cylinder.
- Keep the ownership card, as it is essential for requesting key duplicates, which are made exclusively at the factory.
- For security reasons, once installed, the cylinder must not protrude more than 2 mm from the door front or escutcheon.

