

## Built-in keyboard | 81 keys | integrated trackball



- Built-in keypad
- Available as standard and backlit version
- Integrated trackball
- Also with individual layouts and logos

<https://www.wachendorff-prozesstechnik.de/DGI81R17F-TI>

### Description

DIGI-INOX is a keypad technology based on a 2 mm thick front panel and 1.5 mm thick stainless steel keycaps. The material used is high-quality AISI 316L stainless steel.

The switching technology of industrial keyboards in the DIGI-INOX range uses metal domes that enable a precise keystroke. The keycaps are punched directly from the front panel. Various key sizes and shapes are possible. A major advantage is the elimination of significant tooling costs for customized production.

Grafos Steel has been involved in the development and manufacture of stainless steel keyboards for more than 20 years. The result is one of the world's largest ranges, with a suitable product for every area of application. Metal keyboards from GrafosSteel are characterized by their high resistance and long service life, as well as their attractive price/performance ratio and the possibility of ordering from just one piece.

### Product details

Keyboard type:	Standard keyboard
Keyboard technology:	DIGI-INOX   DGI
Number of keys:	81
Key shape:	R17
Installation type:	F (front mounting)
Controller:	Stainless steel trackball
Interfaces:	PS/2, USB type A
Labeling type:	B (key illumination), L (laser marking)
Housing:	1.5 mm thick AISI 316L stainless steel for the buttons, AISI 316L stainless steel 2 mm for the front
Switching travel:	0.6 mm +/- 0.1 mm
Switching force:	4.0 N (typical)
Switching cycles:	> 3,000,000 cycles
Switching technology:	Stainless steel metal dome on gold-plated circuit board
Max. contact resistance:	< 30 Ohm
Insulation:	> 500k Ohm
Protection class:	IP54, IP65
Mechanical resistance:	IK08
Ambient conditions:	Operating temperature: 0°C to +50°C Storage temperature: -25°C to +55°C
Standard layouts:	DE, ES, FR, IT, US
Customs tariff number:	84716060
Manufacturer:	GrafosSteel



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