



<b>Grafos Steel S.r.l.</b> Via Treves 19/21 41043 Formigine (MO) ITALY Tel. +39.059.57.50.267 www.grafossteel.it		Title: Fit Inox keyboard; 68 buttons (E16 keycap); rear mount; USB+PS/2 interface; stainless steel trackball P/N: FIT.68E16.R-TI Dimensions without indicated tolerances - precision according to: ISO 2768 F		Rev: FIT.68E16.R-TI (Data-sheet).idw Drawn: A. Tosi Approved:
Date: 28/12/2016	Material: -	Surface treatment: -	Sheet: 1 Of: 2	

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS

Silicone sealing gasket  
(0.3 mm thick)  
optionally available:  
additional Poron sealing gasket  
(0.8 mm thick)

AISI304 Stainless steel buttons  
(2,0 mm thick; 1,5 mm long stroke)  
Symbols: laser marking (any layout)

AISI316L Stainless steel front plate  
(2,0 mm thick)

Rear metal enclosure;  
galvanized steel  
(1,5 mm thick)

Stainless steel  
mechanical trackball  
(Ø38 mm)

Cable exit  
USB cable included  
(1,6m long)

back plate;  
natural aluminium (2,0 mm thick)

Material	AISI 316L Stainless Steel (2,00 mm thick) front plate; AISI 304 Stainless steel (2,0 mm thick) buttons with built-in silicone rubber sealing gasket
Lettering	Laser marking (any layout)
Button stroke	1,5 mm +/- 0,1 mm
Actuation force	1,5 N (typical)
Life expectancy	>2.000.000 cycles
IP Protection rate	IP65 (when ball is stationary); IP54 (when ball is rotating)
Impact Protection Rate	IK08
Contact technology	Conductive carbon pill on Gold plated PCB
Connection	USB
Operating temperature	0°/+50°C
Storage temperature	-25°/+55°C

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Dimensions without indicated tolerances - precision according to: <b>ISO 2768 F</b>	Tolerance class	Lenght (mm)				Drawn: <b>A. Tosi</b>
		>0 - 6	>6-30	>30-120	>120-400	
	C (Coarse)	±0.2	±0.5	±0.8	±1.2	
M (medium)	±0.1	±0.2	±0.3	±0.5	Approved:	
F (Fine)	±0.05	±0.1	±0.15	±0.2		

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