

RosettaCNC Tool-Setter A - Installation and Maintenance Manual

PRELIMINARY



Dear Customer,

Thank you for purchasing this product. This document aims to collect all the necessary information for the installation and use of this accessory.

Need assistance?

Post in the forum on the website [RosettaCNC.com](https://www.RosettaCNC.com) or send an email to: support@rosettacnc.com, the RosettaCNC development team will be happy to respond promptly.

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Information

				
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1. Introduction

1.1 General Description



1.2 Symbols Used in the Manual



Useful information and suggestions



Warnings, failure to follow these warnings may lead to improper operation or damage to the device



Potential danger and possible risk of injury

1.3 Package Contents

- n.1 Tool-Setter



1.4 Product Identification

Based on the product Order Code, its exact characteristics can be determined.
Verify that the product characteristics match your needs.

1.4.1 Product Label



- **a - Codice di ordinazione**
- **b - Data di produzione:** indica la settimana e l'anno di produzione
- **c - Part number:** codice univoco che identifica un codice d'ordinazione
- **d - Serial number:** numero di serie dello strumento, unico per ogni pezzo prodotto
- **e - Versione hardware:** versione e release dell'hardware

1.4.2 Order Code

The RosettaCNC Tool-Setter A is available in the following versions:

Part number	Model	Description
94030024	RosettaCNC Tool-Setter A	 Fix Me!

1.4.3 Features

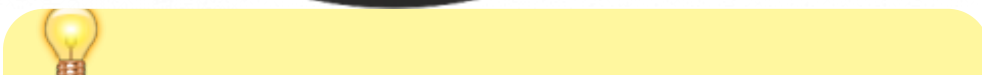
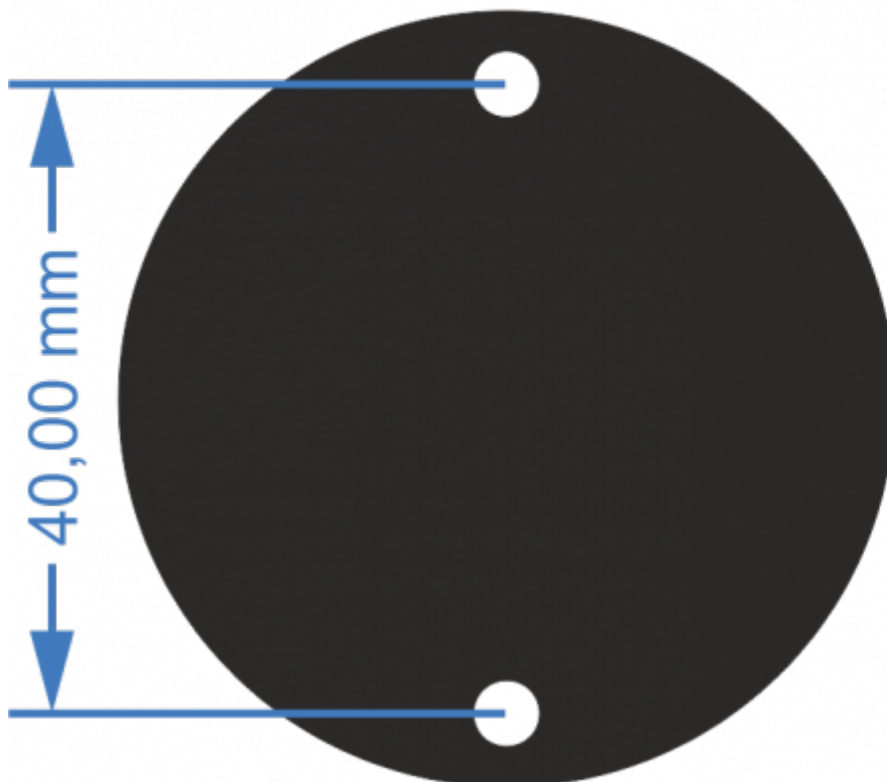
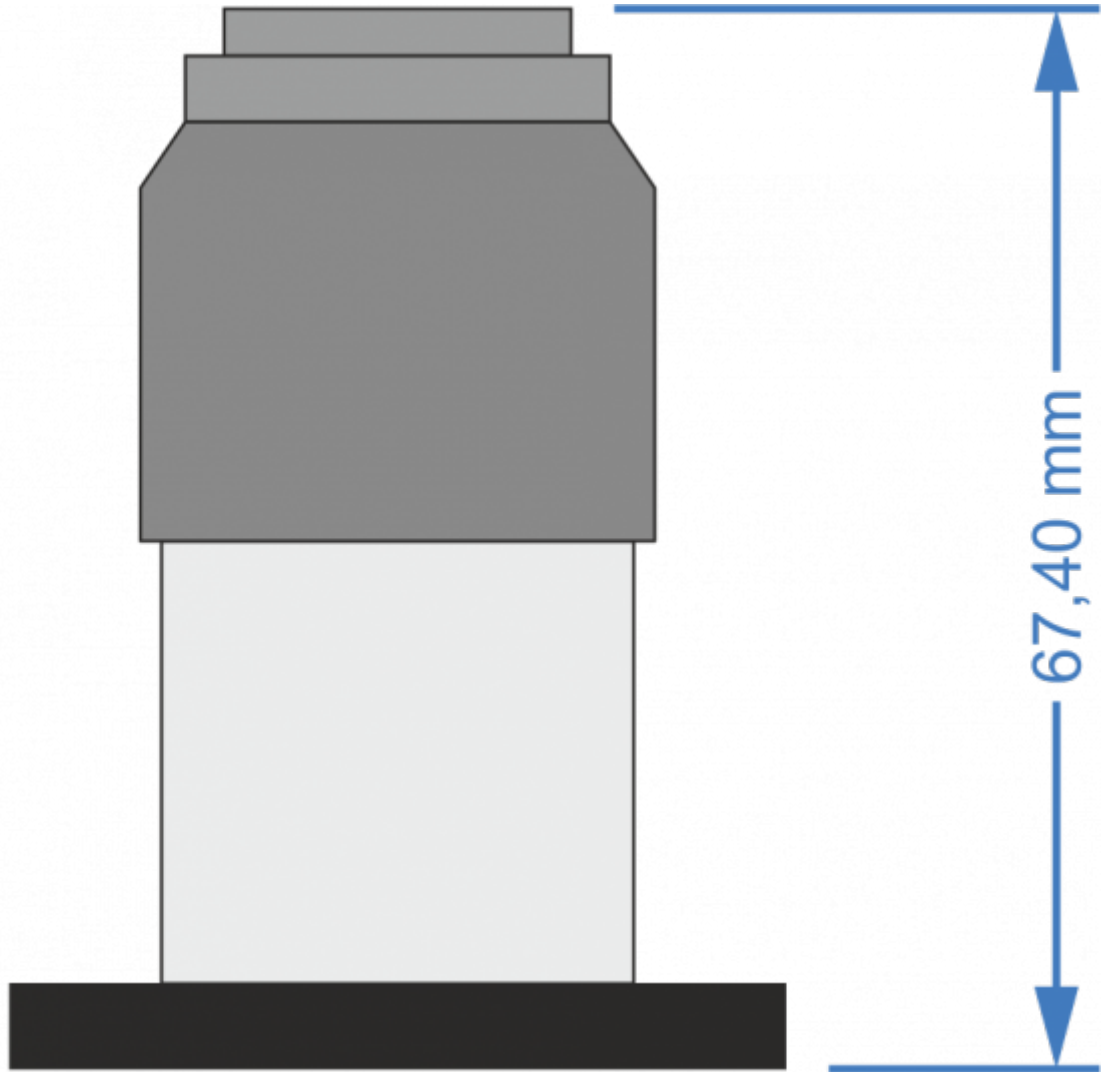


Name	Description
 Fix Me!	 Fix Me!
 Fix Me!	 Fix Me!

2. Mechanical Installation

2.1 Dimensions



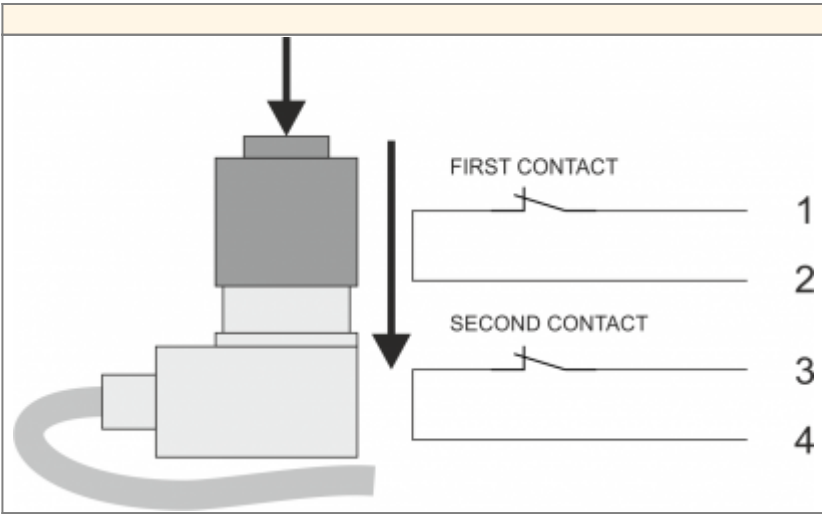




Dimensions in mm

3. Connections

3.1 Cable Description

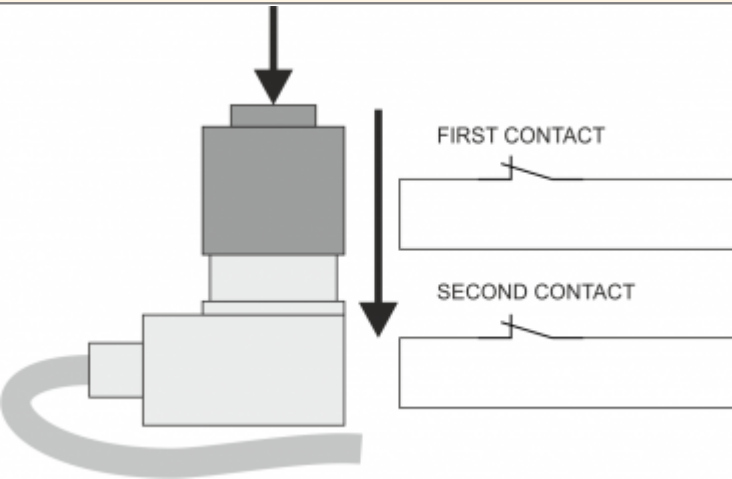
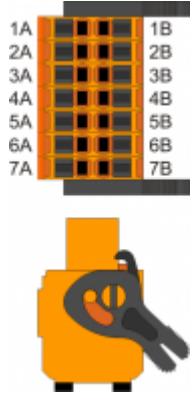
		Color	Function
		Brown	
	1	Green	
	2		
	3	Yellow	
	4	White	

3.2 Connection to RosettaCNC Board A

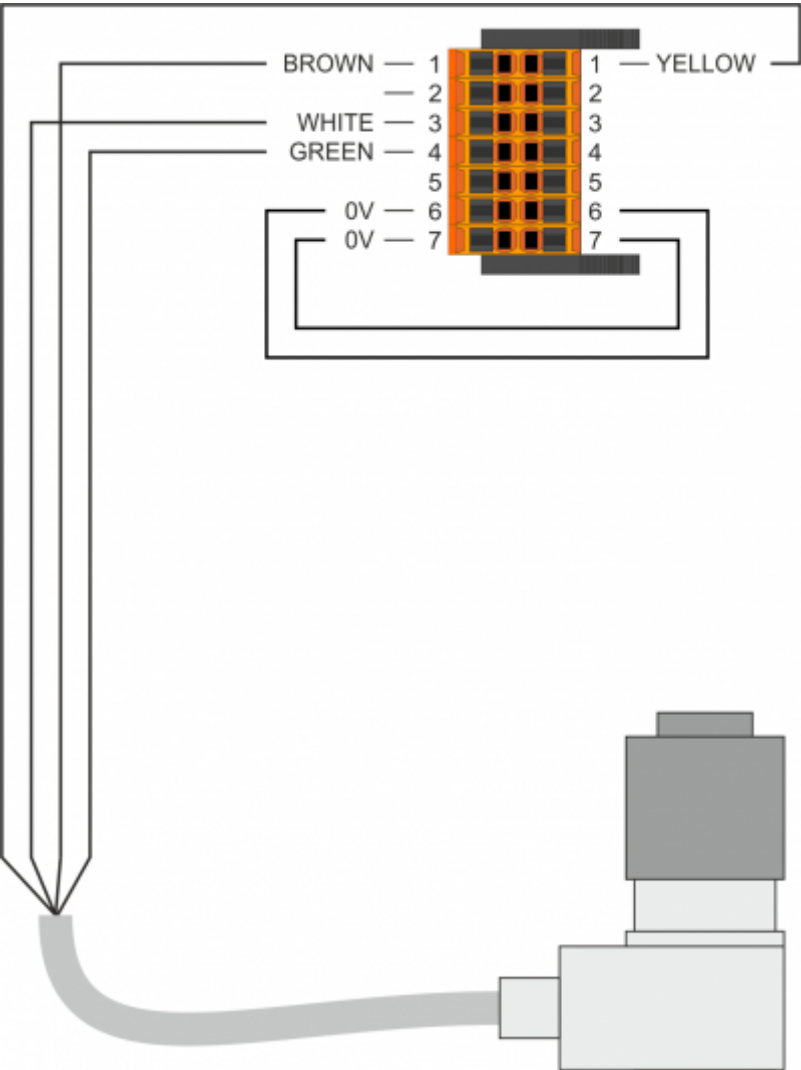


This Tool-Setter model is compatible only with RosettaCNC Board A from hardware version 1.2 onwards.

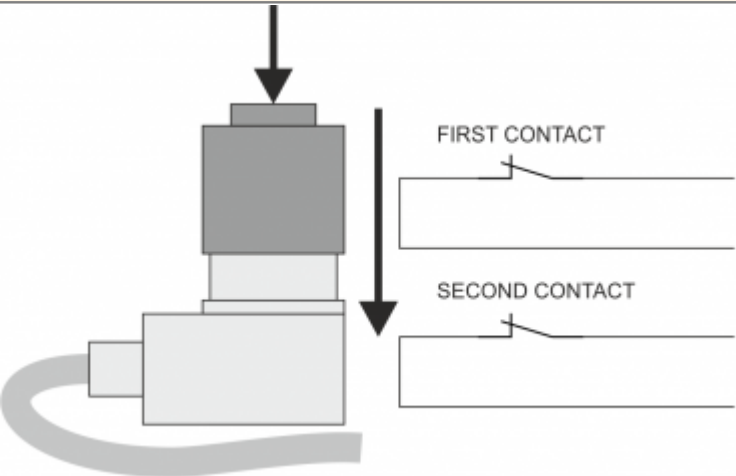
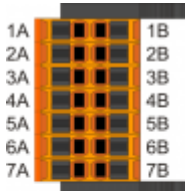


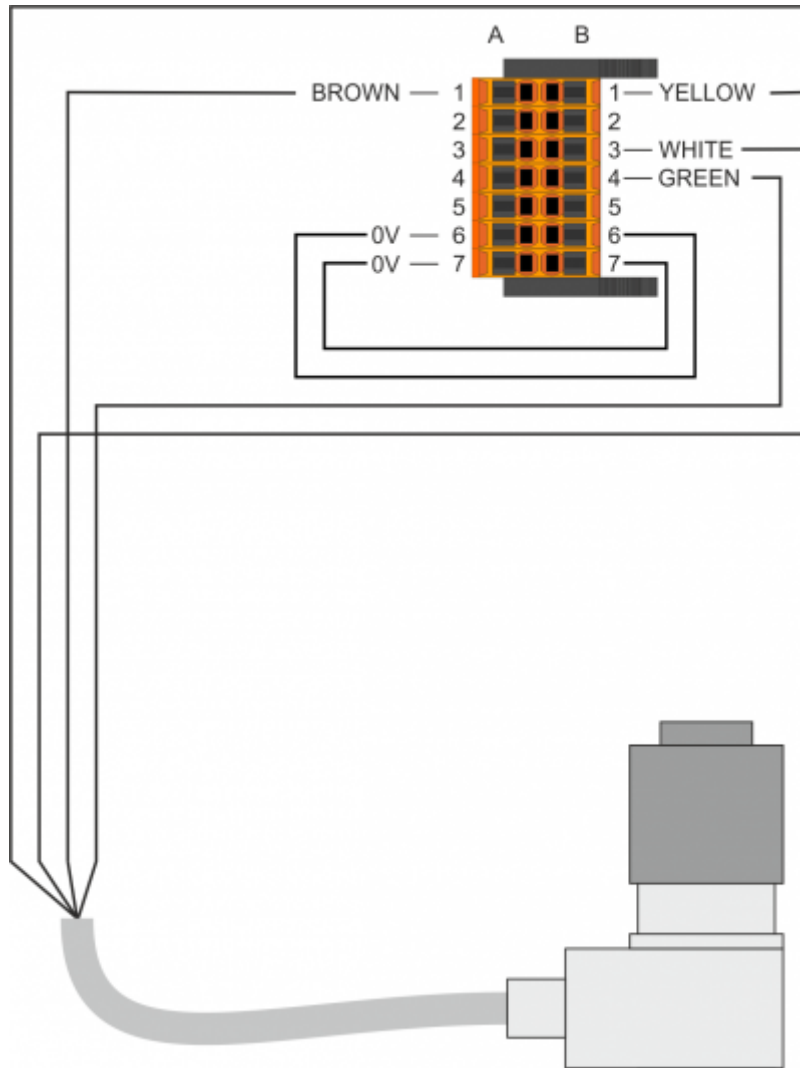
Tool-Setter				Connector CN9 on RosettaCNC Board A	
	1	Brown 	1A		
	2	Green 	4A		
	3	Yellow 	1B		
	4	White 	3A		
			6A - Connect to 6B		
			7A - Connect to 7B		

Tool-Setter on CN9



3.3 Connection to RosettaCNC Board B

Tool-Setter				Connector CN16 on RosettaCNC Board B	
			Brown	1A	
	1		Green	4B	
	2		Yellow	1B	
	3		White	3B	
				6A - Connect to 6B	
				7A - Connect to 7B	

Tool-Setter on CN16

4. Settings

To use the Tool-Setter, it is necessary to correctly set the fields in the following figure (in the “RosettaCNC Board Settings” panel):

The screenshot shows the 'Impostazioni scheda' (Board Settings) window. On the left is a tree view with the following items: Generale, Assi, Gantries, Mandrino, Overrides, Controller Jog, Ingressi (highlighted), Uscite, Refrigerante, Lubrificazioni, Cambio utensile, Scansione 3D, Torcia al plasma, Allarmi personalizzati, Modbus TCP Slave, PLC, and Avanzato. The main area is titled 'Ingressi' and has tabs for 'Funzionalità', 'Probe', 'Homing', 'Drivers', 'Macro', and 'Porta di sicurezza'. The 'Probe' tab is active. It contains a table with the following data:

Nome ingresso	Funzionalità	Numero ingresso	Tipo
Probe			N/A ☐ N/C
Ingresso probe ready		8	N/A ☐ N/C

At the bottom of the window are buttons for 'Importa', 'Esporta', 'Salva', and 'Annulla'.

Tool-Setter Configuration

Probe

Defines whether the PROBE input used by the Tool-Setter is N/A (normally open) or N/C (normally closed).

Probe Ready Input

Defines an input used to manage a collision alarm if present in the 3-axis digital probe or the tool-setter connected to the PROBE input.

5. Contributions

We thank in advance all those who wish to contribute to improving this documentation by reporting inaccuracies or additional content. Write to: support@rosettacnc.com

Automatically generated document from **RosettaCNC Wiki** - <https://wiki.rosettacnc.com/>

The wiki content is constantly updated by the RosettaCNC development team, so the online version may contain more recent information.