



OnRobot Screwdriver Accessory Kit - Metric

Basic training










Technical information

Technical information

Screw sizes

Material type	Magnetic				
Screw length	Up to 50 mm (35 mm thread length)				
Head type	Cylinder			Counter sunk	Button head
Appearance					
Standard	Din 912 / ISO 4762	ISO 14579	ISO 14580	ISO 14581	DIN 7985A
Supported Thread Size	M1.6	✓	N/A	N/A	N/A
	M2	✓	✓	N/A	✓
	M2.5	✓	✓	N/A	✓
	M3	✓	✓	✓	✓
	M4	✓	✓	✓	✓
	M5	✓	✓	✓	✓
	M6	✓	✓	✓	✓

For machine and person safety, only 35mm screws should be used.

It is however possible to handle screws up to 50 mm.

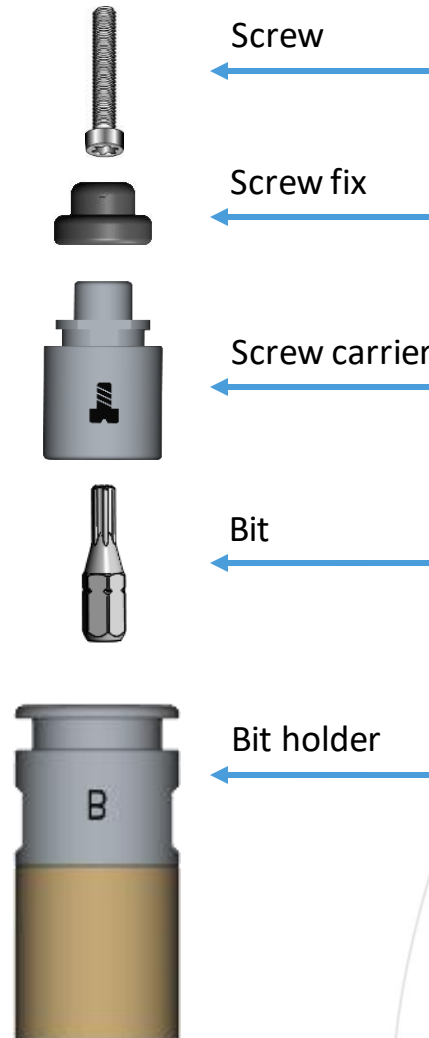
Select a bit that matches the head style of the chosen screw and insert it into the Bit holder.

Technical information

Build up of Screw-bit System

This system will highly increase the efficacy of the screws to be picked up, aligned with the bit, moved around with the screwdriver and screwed in/out

Depending on the screw type, it will look like here.



Part to be operated

Secures the stability of the screw (only cylinder head)

Stabilizes the alignment of the screw

Makes it possible to operate the chosen screw type

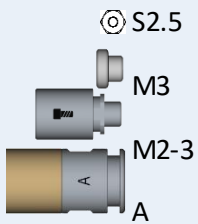
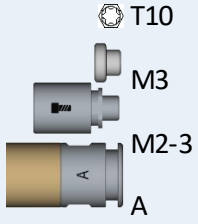
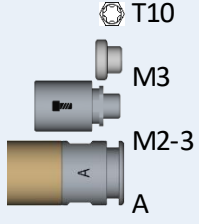
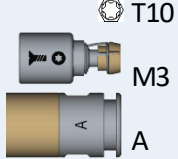
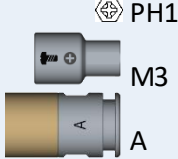
Holds the bit, and ensures the right magnetic attraction between bit and screw

Technical information

Items needed depending on screw type and size

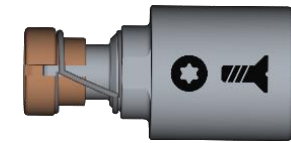
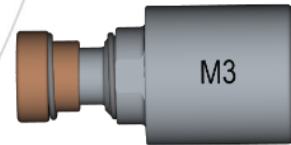
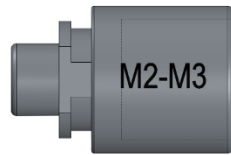
Different screw-types requires different configurations. An example is shown here for M3 screws.

Full list of possible configurations is available in the manual, or as a sheet in the package for the Screwdriver Accessory Kit Metric

Head type	Cylinder			Counter sunk	Button head
Screw Standard	Din 912 / ISO 4762	ISO 14579	ISO 14580	ISO 14581	DIN 7985A
Thread Size	Bit holder, bit, crew carrier and screw fix needed				
M3	 <p>S2.5 M3 M2-3 A</p>	 <p>T10 M3 M2-3 A</p>	 <p>T10 M3 M2-3 A</p>	 <p>T10 M3 A</p>	 <p>PH1 M3 A</p>

Technical information

Markings of the parts



For easy identification of the correct parts, laser-engravings are made to show the range or screws, and head type supported by the Screw carrier.

The screw fixes also has numbers on them and are color-coded for easier reading.



Package content

Screwdriver Accessory Kit Metric

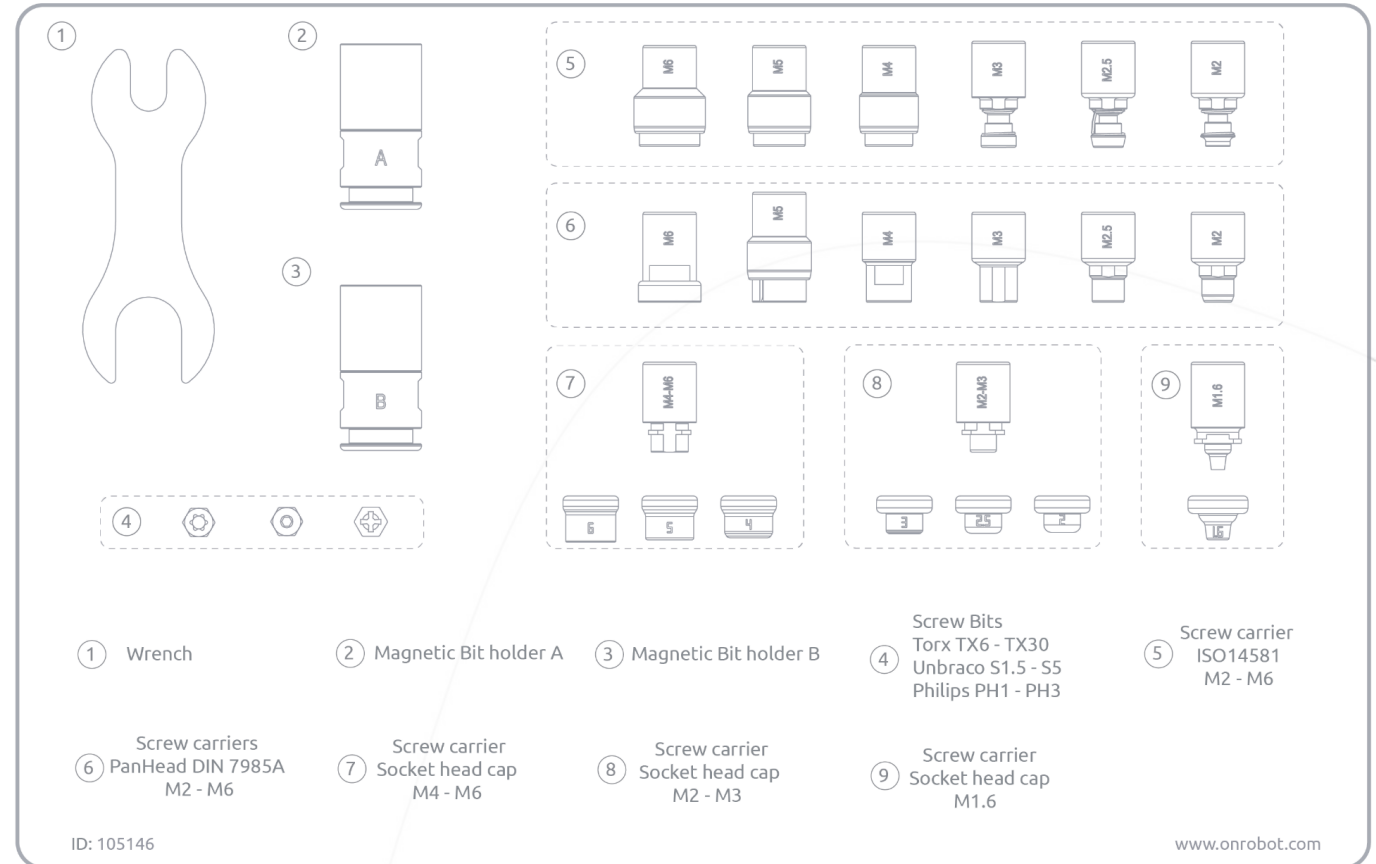


Package content

Screwdriver Accessory Kit #105121 (NOT included in #103961)

Contains

- S8 wrench
- 2 Bitholders
- 15 Screw carriers
- 15 different bits
- 35 Screw fixes (7 different sizes)



Package content

Quick Guides for Bit system setup

Items needed depending on Screw type and size					
Head type	Cylinder			Counter sunk	Button head
Screw Standard	Din 912 / ISO 4762	ISO 14579	ISO 14580	ISO 14581	DIN 7985A
Thread Size	Bit holder, bit, crew carrier and screw fix needed				
M1.6	S1.5 M1.6 M1.6 B	N/A	N/A	N/A	N/A
M2	S1.5 M2 M2-3 A	T6 M2 M2-3 A	N/A	T6 M2 B	PH1 M2 B
M2.5	S2 M2.5 M2-3 A	T8 M2.5 M2-3 A	N/A	T8 M2.5 B	PH1 M2.5 B
M3	S2.5 M3 M2-3 A	T10 M3 M2-3 A	T10 M3 M2-3 A	T10 M3 A	PH1 M3 A
M4	S3 M4 M4-6 A	T20 M4 M4-6 A	T20 M4 M4-6 A	T20 M4 A	PH2 M4 A
M5	S4 M5 M4-6 A	T25 M5 M4-6 A	T25 M5 M4-6 A	T25 M5 A	PH2 M5 A
M6	S5 M6 M4-6 A	T30 M6 M4-6 A	T30 M6 M4-6 A	T30 M6 A	PH3 M6 A

Screw-bit System Quick Guide

1 Din912/ISO4762
ISO14579/ISO14580

2

3

4

5 Din912 / ISO4762
ISO14579 / ISO14580

6

ID: 105197



More information

For more information, please contact your OnRobot representant or visit our website

www.onrobot.com

