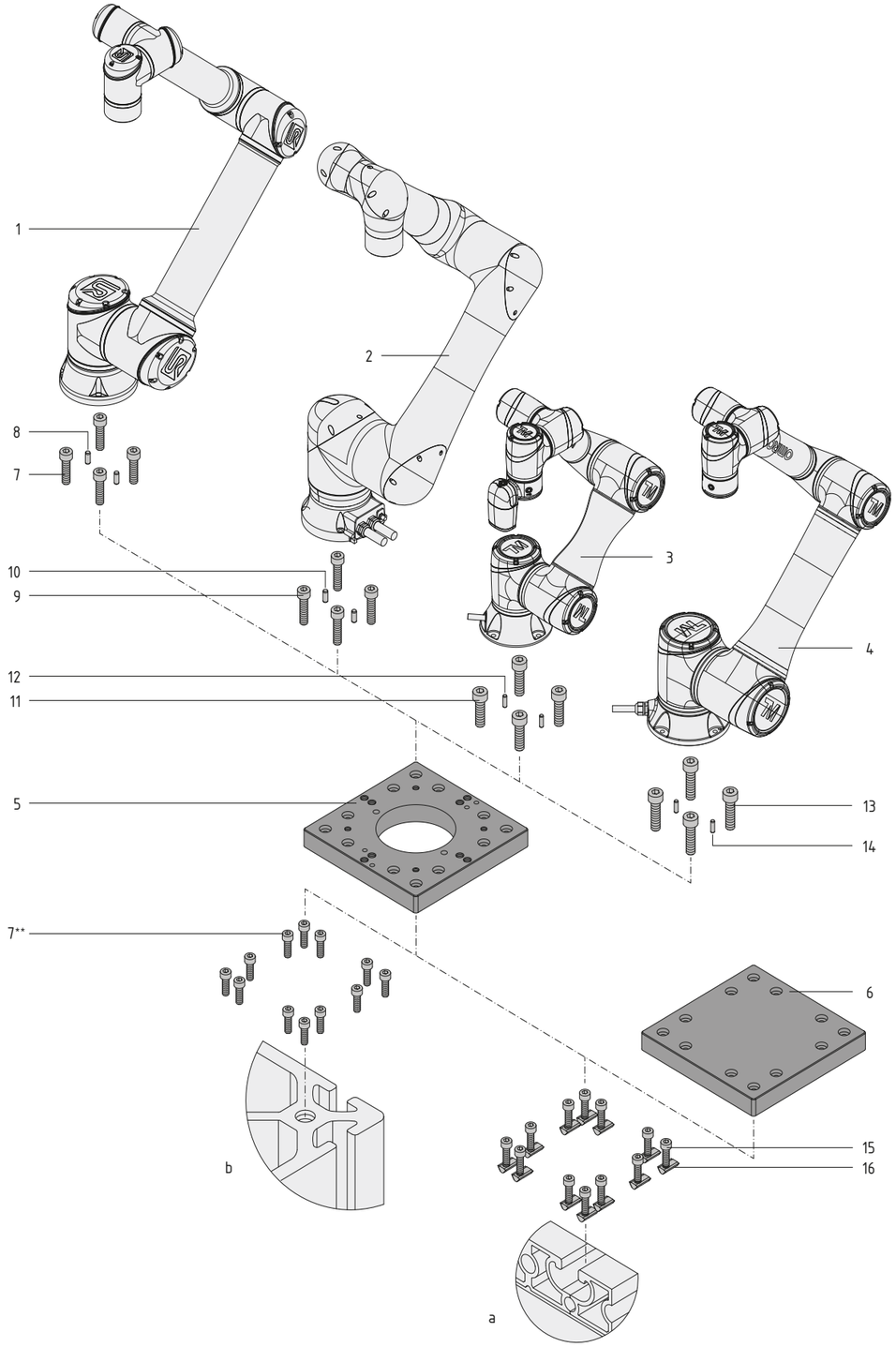
Robot Mounting Plate 8 200x200
Universal Mounting Plate 8 200x200



Robot Mounting Plate 8 200x200 (5)			Fastening the Mounting Plate to the Profile System Line 8		Fastening the Robot to the Mounting Plate			
		Part Number	8	Thread M8 (core drilling)	Universal Robots UR10e UR16e	Fanuc CRX-10iA CRX-10iA/L CRX-20iA/L	Omron TM5 (Serie)	Omron TM12 TM14 TM16 TM20
Position			a	b	1	2	3	4
7	Hex. Socket Head Cap Screw DIN 912 M8x30, St, 10.9	8.0.009.25		•	•			
8	Dowels ISO 8735 - 8m6x16, St, hardened				•			
9	Hex. Socket Head Cap Screw DIN 912 M8x40, St, 10.9	0.0.607.99				•		
10	Dowels ISO 8735 - 8m6x16, St, hardened					•		
11	Hex. Socket Head Cap Screw DIN 912 M10x30, St, 10.9	8.0.007.95					•	
12	Dowels ISO 8735 - 6m6x16, St, hardened						•	
13	Hex. Socket Head Cap Screw DIN 912 M10x35, St, 10.9	0.0.655.59						•
14	Dowels ISO 8735 - 6m6x16, St, hardened							•
15	Hex. Socket Head Cap Screw DIN 912 M8x25, St, 10.9	0.0.610.71	•					
16	T-Slot Nut V 8 St M8, bright zinc-plated	0.0.480.48	•					

Universal Mounting Plate 8 200x200 (6)			Fastening the Mounting Plate to the Profile System Line 8	
		Part Number	8	Thread M8 (core drilling)
Position			a	b
7	Hexagon Socket Head Cap Screw DIN 912 M8x30, St, 10.9	8.0.009.25		•
15	Hexagon Socket Head Cap Screw DIN 912 M8x25, St, 10.9	0.0.670.71	•	
16	T-Slot Nut V 8 St M8, bright zinc-plated*	0.0.480.48	•	

- When using the recommended screws, observe the following tightening torques,
  M8: 25Nm
  M10: 65Nm
- When using other than the recommended screws observe the tightening torques of the robot manufacturers in relation to the strength class of the screws.
- We recommend pinning the robot to the mounting plate to ensure repeatability during disassembly and assembly.

* Other variants of the Series 8 T-Slot Nut are also possible after consultation with the item GmbH branch office or sales partner.
** The number of cap screws depends on the screw mounting options, please observe the load specifications of the robot manufacturer.

The above information is based on the present state of our knowledge and does not constitute a guarantee of properties.
Existing laws and regulations must be observed by the recipient of the product at his own responsibility.
All rights reserved. Technical changes and errors excepted.

item Industrietechnik GmbH
Friedenstraße 107-109
42699 Solingen

Fon +49 212 6580 0
Fax +49 212 6580 310

info@item24.com
item24.com

Qualitymanagement
DIN EN ISO 9001:2015

Version: 05/2023