



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.

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