Robot Mounting Plate 8 160x160 (4)		Part Number	Fastening the Mounting Plate to the Profile System Line 8			Fastening the Robot to the Mounting Plate		
			8	Thread M8 (core drilling)	Screw channel, open M8	Universal Robots UR3e	Universal Robots UR5e	Fanuc CRX-5iA
Position			a	b	c	1	2	3
6	Hexagon Socket Head Cap Screw DIN 9122 M6x30, St, 10.9	8.0.001.20				•		
7	Dowels ISO 8735 - 5m6x16, St, hardened					•		
8	Hexagon Socket Head Cap Screw DIN 912 M8x30, St, 10.9	8.0.009.25					•	•
9	Dowels ISO 8735 - 8m6x16, St, hardened						•	•
10	Hexagon Socket Head Cap Screw DIN 912 M8x35, St, 10.9	0.0.655.15			•			
11	Hexagon Socket Head Cap Screw DIN 912 M8x25, St, 10.9	0.0.610.71		•				
12	Hexagon Socket Head Cap Screw DIN 912 M8x20, St, 10.9	8.0.004.41	•					
13	T-Slot Nut V 8 St M8, bright zinc-plated*	0.0.480.48	•					

Universal Mounting Plate 8 160x160 (5)		Part Number	Fastening the Mounting Plate to the Profile System Line 8		
			8	Thread M8 (core drilling)	Screw channel, open M8
Position			a	b	c
10	Hexagon Socket Head Cap Screw DIN 912 M8x35, St, 10.9	0.0.655.15			•
11	Hexagon Socket Head Cap Screw DIN 912 M8x25, St, 10.9	0.0.610.71		•	
12	Hexagon Socket Head Cap Screw DIN 912 M8x20, St, 10.9	8.0.004.41	•		
13	T-Slot Nut V 8 St M8, bright zinc-plated*	0.0.480.48	•		

- When using other than the recommended screws, observe the following tightening torques,

  M6: 14Nm

  M8: 25Nm

- 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.