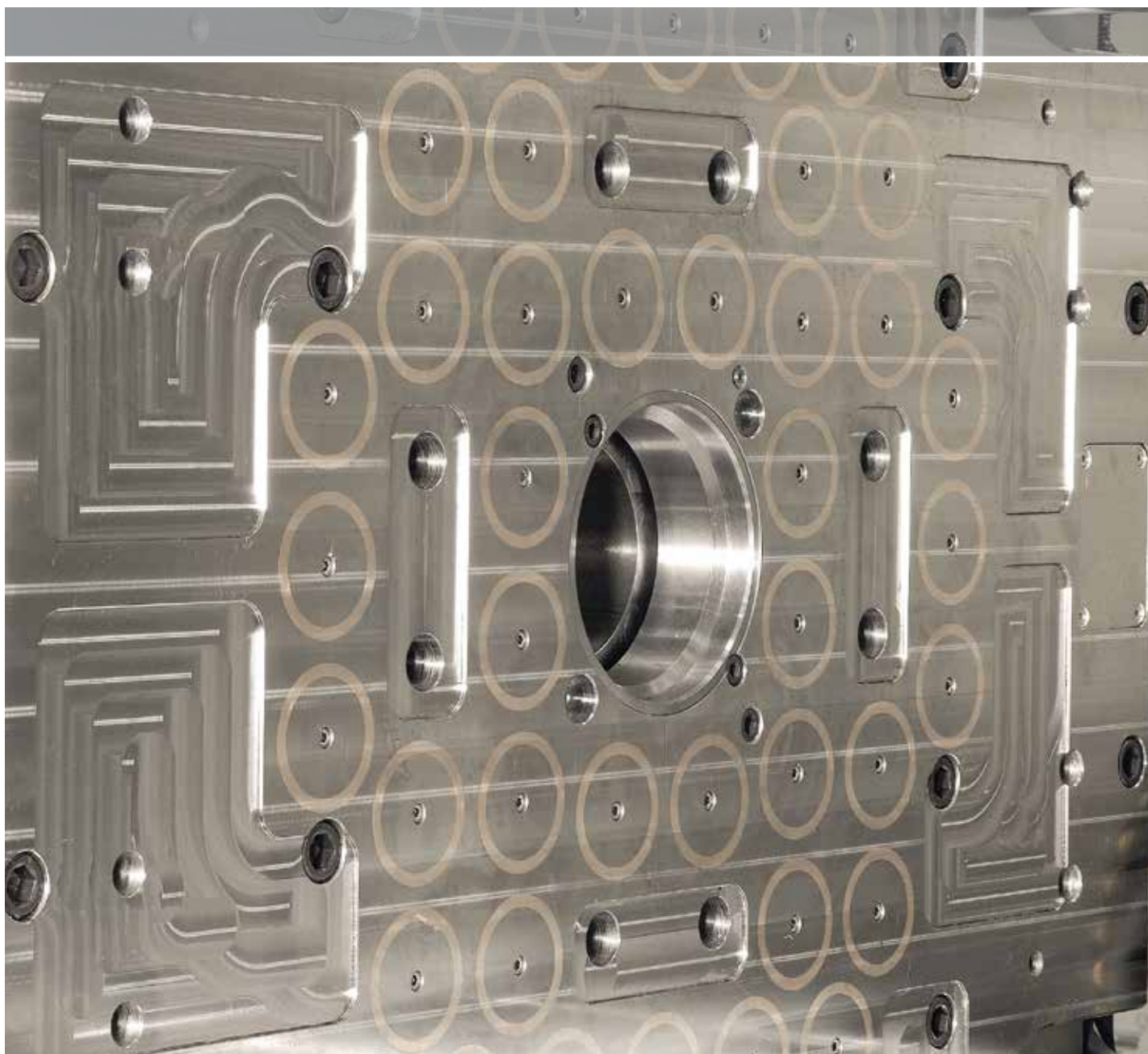


QMC122

Magnetic Clamping System

Spare parts catalog



QMC122

Magnetic Clamping System



By equipping your injection molding machine with a STÄUBLI QMC122 magnetic clamping system, you get the possibility of optimizing quick mold change, safety and productivity.

In order to help you to take full advantage of your QMC122 and optimize its use in production Stäubli offers you a comprehensive range of services.

From technical support to training, through maintenance and spare parts deliveries, we make all our resources at your disposal so that you can get the most of your investment.

Spare parts

This catalog should help you to identify QMC122 spare parts partnumbers.

If you need some spare parts or are interested in one of the above services we invite you to contact the Stäubli Sales Unit in your country.

www.staubli.com/contacts

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Controller

Controllers V1 and V2

Designation	Maintenance Level I	Maintenance Level II
	•	
Controller V1 - Main board	R15473211	
	•	
Controller V2 - Main board	R15473212	
	•	
Controller V2 - Main board Repaired	R15473282	
	•	
Controller V2 - Power supply board	R15473102	
	•	
Controller V2 - Double cage terminal	R15474300	

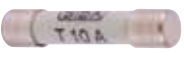
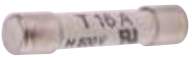
Designation	Maintenance Level I	Maintenance Level II
	•	
Contactors V1 & V2	R15474400	
	•	
Controllers V1 & V2 - Solid static relay	R15474100	
	•	
Controllers V1 & V2 - Cable between main board & Hand pendant	R15478600	
	•	
Controllers V1 & V2 - Cable between power supply board & main board	R15478900	
	•	
Controllers V1 & V2 - Slow-blow fuse 1,25A on power supply board	R15474201	
	•	
Controllers V1 & V2 - Main switch	F28323200	

Controller

Controller V3

Designation	Maintenance Level I	Maintenance Level II
	•	
Controller V3 - Kit CPU	F29241903	
	•	
Controller V3 - Kit power supply board	F29242602	
	•	
Controller V3 - Kit power module	F29241806	
	•	
Controller V3 - Kit backplane	F29242702	
	•	
Controller V3 - HMC option cable	F13200051	
	•	
Contactor V3	R15474400	
	•	
Controller V3 - Main switch	F28323200	

Fuses (for all controllers)

Designation	Maintenance Level I	Maintenance Level II
	•	
Controller V2 & V3 - Fuse 2A protects power supply board	R15474202	
	•	
Controller V2 & V3 - Slow-blow fuse 6,3A	R15474203	
	•	
Controller V2 & V3 - Slow-blow fuse 10A	R15474204	
	•	
Controller V2 & V3 - Slow-blow Fuse 16A	R15474205	
	•	
Controller V2 & V3 - Main fuse 25A	R15474206	
	•	
Controller V2 & V3 - Main fuse 32A	R15474207	

Hand pendant

Designation	Maintenance Level I	Maintenance Level II
	•	
Hand pendant F29287504 with software	R25472102	
Hand pendant with inverted keyboard and screen	R25472900	

	•	
Hand pendant cable 2m (6,56 ft)	R15472902	
Hand pendant cable 5m (16,4 ft)	R15472905	
Hand pendant cable 10m (32,81 ft)	R15472910	
Hand pendant cable 15m (49,21 ft)	R15472915	
Hand pendant cable 20m (65,62 ft)	R15472920	

Designation	Maintenance Level I	Maintenance Level II
	•	
Lamp support	R15471700	

	•	
Yellow lamp	R15471800	

	•	
Assembly: magnet + hook	R15471900	

Cables

Cables for Euromap 70.1 (2 plugs)

Designation	Maintenance Level I	Maintenance Level II
	•	
Euromap cable 3m (9,84 ft)	R15493803	
Euromap cable 5m (16,4 ft)	R15493805	
Euromap cable 10m (32,81 ft)	R15493810	
Euromap cable 15m (49,21 ft)	R15493815	
Euromap cable 20m (65,62 ft)	R15493820	
Euromap cable 25m (82,02 ft)	R15493825	

	•	
Kit Shunt + Instruction	R25479900	

Cables for Special Euromap "Half mold option"

Designation	Maintenance Level I	Maintenance Level II
	•	
Special Euromap cable 3m (9,84 ft)	R15493903	
Special Euromap cable 10m (32,81 ft)	R15493910	
Special Euromap cable 15m (49,21 ft)	R15493915	
Special Euromap cable 20m (65,62 ft)	R15493920	
Special Euromap cable 25m (82,02 ft)	R15493925	

Cables

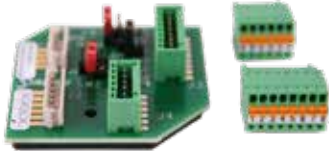
Power and Command Cable (quick connection)

Designation	Maintenance Level I	Maintenance Level II
	●	
Extension command cable 5 pairs 5m (16,4 ft)	R15475405	
	●	
Extension power cable 5m (16,4 ft)	100015336	
	●	
Power contact Female 2mm (0,08 in)	R15474702	
	●	
Command contact Male 1mm (0,04 in)	R15474601	
	●	
Command cable 5p without connector 3m (9,84 ft)	R15477003	
Command cable 5p without connector 15m (49,21 ft)	R15477015	
Command cable 5p without connector 25m (82,02 ft)	R15477025	

Designation	Maintenance Level I	Maintenance Level II
	●	
Command cable 2p without connector 3m (9,84 ft)	R15477103	
Command cable 2p without connector 15m (49,21 ft)	R15477115	
Command cable 2p without connector 25m (82,02 ft)	R15477125	
	●	
Power cable 10m (32,81 ft)	R15475610	
Power cable 15m (49,21 ft)	R15475615	
Power cable 25m (82,02 ft)	R15475625	
Power cable 30m (98,43 ft)	R15475630	
Power cable 50m (164,05 ft)	R15475650	
	●	
Command cable 5p 10m (32,81 ft)	R15477210	
Command cable 5p 15m (49,21 ft)	R15477215	
Command cable 5p 25m (82,02 ft)	R15477225	
Command cable 5p 30m (98,43 ft)	R15477230	
Command cable 5p 50m (164,05 ft)	R15477250	
Command cable 2p 10m (32,81 ft)	R15477310	
Command cable 2p 15m (49,21 ft)	R15477315	
Command cable 2p 25m (82,02 ft)	R15477325	
Command cable 2p 30m (98,43 ft)	R15477330	
Command cable 2p 50m (164,05 ft)	R15477350	
	●	
Metal power plug V3	F13201101	

Connection pocket

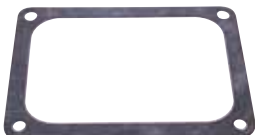
Search coil boards

Designation	Maintenance Level I	Maintenance Level II
	•	
SC board with quick connectors V2 controller	R15473700	
	•	
SC board without quick connectors V2 controller	R15473800	
	•	
SC board with quick connectors V3 controller	F29582702	

Designation	Maintenance Level I	Maintenance Level II
	•	
SC board without quick connectors V3 controller	F13184601	
	•	
Red Jumper link (resistances configuration)	R15458100	
	•	
Black Jumper link (shunt continuity ring)	R15458200	

Connection pocket

Designation	Maintenance Level I	Maintenance Level II
	•	
Cable gland M20x1.5 (short)	R15459300	
	•	
Cable gland M16x1.5 (short)	R15459200	
	•	
Cover Th 3mm (0,12 in)	R15457000	
Cover Th 8mm (0,31 in)	R15459000	

Designation	Maintenance Level I	Maintenance Level II
	•	
Seal of connection pocket for 3mm (0,12 in) cover	R15457111	
Seal of connection pocket for 8mm (0,31 in) cover	R15459111	
	•	
Power terminal strip without PE (with quick connection)	R15457400	
	•	
Power terminal strip with PE (without quick connection)	R15466000	

Connection pocket

Connection pocket

Designation	Maintenance Level I	Maintenance Level II
	•	
Screw of cover 3mm (0,12 in)	R69640512	
	•	
Screw of cover 8mm (0,31 in)	R69630612	
	•	
Screw of quick connectors	R69630208	
	•	
Straight connector power	R15457500	
	•	
Elbow connector power	R15457600	
	•	
Straight connector 5 pairs	R15457700	

Designation	Maintenance Level I	Maintenance Level II
	•	
Elbow connector 5 pairs	R15457800	
	•	
Straight connector 2 pairs	R15457900	
	•	
Elbow connector 2 pairs	R15458000	
	•	
Power contact Male 2mm (0,08 in)	R15474602	
	•	
Command contact Female 1mm (0,04 in)	R15474701	

Platen

Coils (depending on the system)

Designation	Maintenance Level I	Maintenance Level II
		•
Type 10 Kit V4 (one coil)	100008624	
Type 20 Kit V4 (one coil)	100008669	
Type 40 Kit V4 (one coil)	100011989	

Designation	Maintenance Level I	Maintenance Level II
		•
Type 10 Kit V4 (composed of 6 coils)	R25498012	
Type 20 Kit V4 (composed of 6 coils)	R25498022	
Type 40 Kit V4 (composed of 6 coils)	100012054	

		•
Service kit Neodyme (5 magnets inside)	R25463000	

		•
AlNiCo magnet	R15463130	

Pot Repair kit

Designation	Maintenance Level I	Maintenance Level II
		•
Steel pole 51mm (2,01 in)	R25462010	
Steel pole 52mm (2,05 in)	R25462011	

Latest generation of Connectors

Designation	Maintenance Level I	Maintenance Level II
		•
In out round connector 0.4 m (1,31 ft)	R15468901	

Designation	Maintenance Level I	Maintenance Level II
		•
In out round connector 1.5 m (4,92 ft)	100015438	
In out round connector 2.5 m (8,2 ft)	100015746	

Designation	Maintenance Level I	Maintenance Level II
		•
Standard round connector 17 mm (0,67 in)	R15468701	

Designation	Maintenance Level I	Maintenance Level II
		•
Standard round connector 35 mm (1,38 in)	R15468101	

Platen

Designation	Maintenance Level I	Maintenance Level II
		●
Inverted round connector 17 mm (0,67 in)	R15468801	

Designation	Maintenance Level I	Maintenance Level II
		●
Inverted round connector 60 mm (2,36 in)	R15468501	

Designation	Maintenance Level I	Maintenance Level II
		●
Inverted round connector 35 mm (1,38 in)	R15468401	

Designation	Maintenance Level I	Maintenance Level II
		●
Inverted round connector 100 mm (3,94 in)	R15468601	

Designation	Maintenance Level I	Maintenance Level II
		●
Standard round connector 60 mm (2,36 in)	R15468201	

Designation	Maintenance Level I	Maintenance Level II
		●
Standard round connector 100 mm (3,94 in)	R15468301	

Platen

Connectors

Designation	Maintenance Level I	Maintenance Level II
		●
In out new connector 1,5m (4,92 ft)	71009920	

		●
Standard new connector 17mm (0,67 in)	71009906	

		●
Standard new connector 35mm (1,38 in)	71009914	

		●
Inverted new connector 17mm (0,67 in)	71009905	

		●
Inverted new connector 35mm (1,38 in)	71009915	

		●
Standard new connector 60mm (2,36 in)	71009916	

		●
Standard new connector 100mm (3,94 in)	71009918	

Designation	Maintenance Level I	Maintenance Level II
		●
Inverted new connector 60mm (2,36 in)	71009917	

		●
Inverted new connector 100mm (3,94 in)	71009919	

Sensors removable from the front

Designation	Maintenance Level I	Maintenance Level II
	●	
Proximity switch removable from front	R25480301	

		●
Casing for the 2 types of sensors	R25481100	

	●	
Temperature sensor removable from front	R25480201	

Platen

Miscellaneous

Designation	Maintenance Level I	Maintenance Level II
		•
Grease 100g (3,53 oz)	R60000005	
		•
Plasticine	N00710617	
		•
Loctite F518	F19973802	
		•
Resin 2x90ml	R69998000	

Sensors

Designation	Maintenance Level I	Maintenance Level II
		•
Proximity switch 1 st version	R61003600	
		•
Temperature sensor 1 st version	R61010000	
		•
Loctite F315 for Temperature sensor	R69931500	

Labels

Designation	Maintenance Level I	Maintenance Level II
	•	
Pacemaker safety sticker	R15499500	
	•	
Magnet hazard safety sticker	R15498800	
	•	
Safety rule sticker	R15499010	
	•	
Voltage warning sticker	F18851900	
	•	
Stäubli sticker	D13143503	
	•	
IMAG sticker	F18843201	

Tools

Designation	Maintenance Level I	Maintenance Level II
		•
Tool to remove a magnetic module	R25490200	
		•
Tool to remove a coil	R25490300	
	•	
Tool to measure the circuits	100011663	
		•
Syringe for resin (through connectors holes)	R15493000	
		•
Syringe for resin (through resin holes)	100015910	

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71009916	Standard new connector 60mm (2,36 in)	12
71009917	Inverted new connector 60mm (2,36 in)	12
71009918	Standard new connector 100mm (3,94 in)	12
71009919	Inverted new connector 100mm (3,94 in)	12
71009920	In out new connector 1,5m (4,92 ft)	12
100008624	Type 10 Kit V4 (one coil)	10
100008669	Type 20 Kit V4 (one coil)	10
100011989	Type 40 Kit V4 (one coil)	10
100015336	Extension power cable 5m (16,4 ft)	7
100015438	In out round connector 1.5 m (4,92 ft)	10
100015746	In out round connector 2.5 m (8,2 ft)	10
100015910	Syringe for resin (through resin holes)	14
D13143503	Stäubli sticker	14
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F29241806	Controller V3 - Kit power module	5
F29241903	Controller V3 - Kit CPU	5
F29242602	Controller V3 - Kit power supply board	5
F29242702	Controller V3 - Kit backplane	5
F29582702	SC board with quick connectors V3 controller	8
N00710617	Plasticine	13
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R15459300	Cable gland M20x1.5 (short)	8
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R15466000	Power terminal strip with PE (without quick connection)	8
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R15472905	Hand pendant cable 5m (16,4 ft)	6
R15472910	Hand pendant cable 10m (32,81 ft)	6
R15472915	Hand pendant cable 15m (49,21 ft)	6
R15472920	Hand pendant cable 20m (65,62 ft)	6
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R15475615	Power cable 15m (49,21 ft)	7
R15475625	Power cable 25m (82,02 ft)	7
R15475630	Power cable 30m (98,43 ft)	7
R15475650	Power cable 50m (164,05 ft)	7
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R15477015	Command cable 5p without connector 15m (49,21 ft)	7
R15477025	Command cable 5p without connector 25m (82,02 ft)	7
R15477103	Command cable 2p without connector 3m (9,84 ft)	7
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R15477225	Command cable 5p 25m (82,02 ft)	7
R15477230	Command cable 5p 30m (98,43 ft)	7
R15477250	Command cable 5p 50m (164,05 ft)	7
R15477310	Command cable 2p 10m (32,81 ft)	7
R15477315	Command cable 2p 15m (49,21 ft)	7
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Notes



■ Stäubli Units ○ Representatives/Agents

Global presence of the Stäubli Group

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