

APEX

MACHINERY SUPPLY

I N C O R P O R A T E D



CHARMILLES EDM SUPPLIES

VOLUME 4

WWW.APEXMS.NET

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ABOUT APEX

Apex Machinery Supply, Inc. has been providing high quality machine tool supplies for over 20 years with a focus on EDM, Hard Milling, and High Speed Machining (HSM). Utilizing these technologies, users are cutting hardened materials in greatly reduced times and eliminating grinding and polishing processes.

We have been servicing leading manufacturers of plastic, silicone, and die cast molds for die makers and machine shops creating medical, semiconductor, and aerospace products. Apex's customers are some of the best in the world in their respective trades creating products with incredibly tight tolerances.

Apex has adapted its inventory stock to meet customers' immediate needs and to aid in a timely delivery of consumables. Customers have grown accustomed to relying upon Apex as a source of premium machine tool supplies. Apex's knowledge of the latest machining technologies ensures that users are at the forefront of their fields.

— The Apex Staff

OUR VALUES

Commitment

We are dedicated to fulfilling the needs of our customers in an efficient and effective manner.

Integrity

We value our customers' performance immensely. We achieve this by building relationships founded on trust and reliability.

Quality

We have a strong passion to deliver products that are high in quality and performance. We stay aware and informed of the latest technology in pursuit of supplying cutting-edge products.

OUR MISSION

Apex Machinery Supply, Inc. strives to provide the highest quality products, service, and recommendations that enable companies to achieve a competitive advantage within the industry.

CHARMILLES EDM SUPPLIES

VOLUME 4

“Whether you are looking for rollers, flush cups, bearings, belts, or other parts for your Charmilles machine, this catalog contains a variety of commonly sought parts to ease your search for the right product.”



BELTS

PICTURE	PART #	SIZE (MM)	DESCRIPTION	MACHINE MODEL	ORIGINAL PART #
(Image Coming Soon)	C135008141	0.7 x 20 x 3940 MM	Charmilles Conveyor Belt (Set of 2)		
	C544.059	N/A	Charmilles Geared Belt	RF240(CC, CCS, F, SL, SLP), RF330F, RF440(CC, CCS, F, SL, SLP)	
	C336009864	N/A	Charmilles Geared Belt		
(Image Coming Soon)	C440.039	N/A	Charmilles Geared Belt For Wire Evacuation	RF100, RF200, RF400, RF600, RF2030SI/-TW, RF4030SI/-TW, RF6030SI/-TW	
	C440.864	0.7 x 15 x 3030 MM	Charmilles Conveyor Belt (Set of 2)	RF200	
	C441.192	0.7 x 15 x 3560 MM	Charmilles Conveyor Belt (Set of 2)		
(Image Coming Soon)	C442.546	0.7 x 15 x 2600 MM	Charmilles Conveyor Belt (Set of 2)	RF100	
	C442.937	0.7 x 20 x 730 MM	Charmilles Wire Conveyor Belt For Brake	RF200	
(Image Coming Soon)	C442.938	0.7 x 20 x 690 MM	Charmilles Wire Conveyor Belt For Brake	RF100, RF200, RF400, RF600	
(Image Coming Soon)	C444.279	N/A	Charmilles Geared Belt For Wire Rethreading	RF100, RF200, RF400, RF600	
	C444.665	N/A	Charmilles Geared Belt For Wire Evacuation	RF100, RF200, RF400, RF600	

*Additional parts available upon request.

BELTS

PICTURE	PART #	SIZE (MM)	DESCRIPTION	MACHINE MODEL	ORIGINAL PART #
	C444.790	N/A	Charmilles Geared Belt For Wire Evacuation	RF2020SI, RF4020SI, RF6020SI	
(Image Coming Soon)	C445.001	N/A	Charmilles Geared Belt Wire Supply	RF230, RF310/F, RF330F, RF510(F,P), RF2020SI, RF4020SI, RF4030SI/-TW, RF6020SI, RF6030SI/-TW	
	C445.231	25 x 540 MM	Charmilles Belt For Motor Wire Drive		
	C446.352	N/A	Charmilles Geared Belt For Spool Drive	RF190, 290/P, 300, 310, 500, 510, 640 (CC,CCS), RF2030SI/-TW, RF4030SI/-TW, RF6030SI/-TW	
	C446.494	N/A	Charmilles Geared Belt	RF190, 290/P, 300, 310, 500, 510, 640 (CC,CCS), RF2030SI/-TW, RF4030SI/-TW, RF6030SI/-TW	
	C446.880	0.7 x 20 x 440 MM	Charmilles Spool Drive Belt for Robofil	RF190, 230F, 240 (CC, CCS, SL, SLP), 290/P, 300, 310, 440 (CC,CCS, SL, SLP), 500, 510, 640 (CC, CCS), 690	
(Image Coming Soon)	C447.221	N/A	Charmilles Geared Belt	RF290/P, 300, 310	
	C447.506	0.5 x 20 x 640 MM	Charmilles Brake Belt	RF190, 230F, 240 (CC, CCS, SL, SLP), 290/P, 300, 310, 330F, 390, 440 (CC, CCS, SL, SLP), 500, 510, 640 (CC, CCS), 690, RF1020, RF1020.1, RF2020.1, RF2020SI, RF4020.1, RF4020SI, RF6020.1, RF6020SI	
	C447.708	N/A	Charmilles Geared X-U Motor Belt	RF190, RF290/P, RF300, RF310	
	C447.768	0.7 x 20 x 5250 MM	Charmilles Belt	RF1020, RF1020.1, RF1020SI, RF2000, RF2020, RF2020.1, RF2020SI, RF4020, RF4020.1, RF4020SI, RF6020, RF6020.1, RF6020SI	

*Additional parts available upon request.

BELTS

PICTURE	PART #	SIZE (MM)	DESCRIPTION	MACHINE MODEL	ORIGINAL PART #
	C447.769	0.7 x 20 x 720 MM	Charmilles Conveyor Belt	RF1020, RF1020.1, RF1020SI, RF2020, RF2020.1, RF2020SI, RF4020, RF4020.1, RF4020SI, RF6020, RF6020.1, RF6020SI	
	C447.805	0.7 x 20 x 485 MM	Charmilles Spool Drive Belt	RF2020SI, RF2030SI/-TW, RF2050TW, RF4020SI, RF4030SI/-TW, RF6020SI, RF6030SI/-TW, RF6050TW	
	C447.806	0.5 x 20 x 675 MM	Charmilles Brake Belt	RF1020, RF1020.1, RF2020, RF2020.1, RF2020SI, RF4020, RF4020.1, RF4020SI, RF6020, RF6020.1, RF6020SI	
(Image Coming Soon)	C447.946	N/A	Charmilles Geared Belt	RF190, RF230F, RF290/P, RF300, RF310, RF330F, RF500, RF510	
	C542.408	0.5 x 20 x 750 MM	Charmilles Brake Belt	RF1020, RF1020.1, RF1020SI, RF2020, RF2020.1, RF2020SI, RF2030SI/- TW, RF2050TW, RF4020, RF4020.1, RF4020SI, RF4030SI/-TW, RF6020, RF6020.1, RF6020SI, RF6030SI/-TW, RF6050TW	
	C543.463	N/A	Charmilles Geared Belt	RF230F, 240 (CC, CCS, SL, SLP), 330F, 440 (CC, CCS, SL, SLP), 640 (CC, CCS)	
	C640.664	N/A	Charmilles Wire Conveyor Belt		
(Image Coming Soon)	C641.127	N/A	Charmilles Drive Belt	RF2030SI/-TW, RF4030SI/- TW, RF6030SI/-TW	

*Additional parts available upon request.

BEARINGS

PICTURE	PART #	SIZE (MM)	DESCRIPTION	MACHINE MODEL	ORIGINAL PART #
	60012RS	O.D.= 28 MM I.D.= 12 MM T= 8 MM	Bearing With Rubber Seal		
	6082RS	O.D.= 22 MM I.D.= 8 MM T= 7 MM	Charmilles Bearing With Rubber Seal		
	6262RS	O.D.= 6 MM I.D.= 19 MM T= 6 MM	Charmilles Bearing Sealed		
(Image Coming Soon)	C109400351	N/A	Charmilles Ball Bearing	RF240 (CC, CCS, SL, SLP), 440 (CC, CCS, SL, SLP), 640 (CC, CCS)	
	C135014820	O.D.= 28 MM I.D.= 12 MM T= 8 MM	Charmilles Ball Bearing	RF1020, RF1020.1, RF1020SI, RF2020, RF2020.1, RF2020SI, RF4020, RF4020.1, RF4030SI, RF6020, RF6020.1, RF6020SI RF230F, 240 (CC, CCS, SL, SLP), RF290/P, RF300, RF310, RF 330, RF390, RF440 (CC, CCS, SL, SLP), RF500, RF510, RF640 (CC, CCS) RF690	
	C444.600	O.D.= 28 MM I.D.= 12 MM T= 8 MM	Charmilles Bearing	RF230F, RF240 (CC, CCS, SL, SLP), RD330F, RF440 (CC, CCS, SL, SLP), RF640 (CC, CCS)	
(Image Coming Soon)	C444.654	N/A	Charmilles Ball Bearing	RF100, RF190, RF200, RF290/P, RF300, RF310, RF390, RF400, RF500, RF510, RF600, RF690, RF1020 (.1, SI), RF2020 (.1, SI), RF2030SI/-TW, RF4020 (.1, SI), RF4030SI/-TW, RF6020 (.1, SI), RF6030SI/-TW	

*Additional parts available upon request.

ROLLERS

PICTURE	PART #	SIZE (MM)	DESCRIPTION	MACHINE MODEL	ORIGINAL PART #
(Image Coming Soon)	C432.353	N/A	Charmilles Pinch Shaft Roller	RF300, RF310, RF500, RF510	
	C130003359	O.D.= 50 MM I.D.= 12 MM T=14 M	Charmilles Smooth Pinch Roller	RF190, RF290/P, RF300, RF310, RF390, RF500, RF510, RF690	
	C130003359U	N/A	Charmilles Smooth Pinch Roller (Thin)		
	C130003360	O.D.= 50 MM I.D.= 12 MM T=14 M	Charmilles Grooved Pinch Roller	RF190, RF290/P, RF300, RF310, RF390, RF500, RF510, RF690	
(Image Coming Soon)	C135014937	N/A	Charmilles Tension Roller	RF230F, RF240 (CC, CCS, SL, SLP), RF330F, RF440 (CC, CCS, SL, SLP), RF640 (CC, CCS)	
	C431.436	N/A	Charmilles Wire Evacuation Roller	RF100, RF200, RF400, RF600, RF690, RF1020 (.1, SI), RF2000, RF2020 (.1, SI), RF2030SI, RF2050TW, RF4020 (.1, SI), RF4030SI, RF6020 (.1, SI), RF6030SI, RF6050TW	
	C440.765	N/A	Charmilles Ceramic Roller	RF100, RF200, RF400, RF600	
	C440.769	N/A	Charmilles Delrin Roller	RF100, RF200, RF400, RF600	
(Image Coming Soon)	C442.135	N/A	Charmilles Roller Lower Arm	RF100, RF200, RF400, RF600	
(Image Coming Soon)	C444.819.0	N/A	Charmilles Delrin Roller Complete	RF100, RF200, RF400, RF1020 (.1, SI), RF1020, RF2020 (.1, SI), RF2030SI/-TW, RF4020 (.1, SI), RF4030SI/-TW, RF6020 (.1, SI), RF6030SI/-TW	

*Additional parts available upon request.

ROLLERS

PICTURE	PART #	SIZE (MM)	DESCRIPTION	MACHINE MODEL	ORIGINAL PART #
	C444.820.0	N/A	Charmilles Ceramic Roller	RF100, RF200, RF400, RF600, RF1020 (.1, SI), RF2020 (.1, SI), RF2030SI/-TW, RF4020 (.1, SI), RF4030SI/-TW, RF6020 (.1, SI), RF6030SI/-TW	
	C449.019	N/A	Charmilles Roller Lower	RF190, RF290/P, RF300, RF310, RF500 RF510	
	C449.019U	N/A	Charmilles Roller Lower (Wide)	RF310, RF500, RF510	
(Image Coming Soon)	C449.329	N/A	Charmilles Guide Pulley Grooved	RF190, RF290/P, RF300, RF310, RF500 RF510	
(Image Coming Soon)	C449.538	N/A	Charmilles Roller For Lower Arm	RF1000, RF1020.1, RF2000, RF4000, RF6000	
	C542.999	N/A	Charmilles Drive Roller	RF230F, RF240 (CC, CCS, SL, SLP) RF330F, RF440 (CC, CCS, SL, SLP), RF640CC/ CCS	

*Additional parts available upon request.

O-RINGS

PART #	SIZE (MM)	DESCRIPTION
C425.690	N/A	Charmilles Seal Kit
C440.983	N/A	Charmilles O-ring For Upper/ Lower Head
C441.787	N/A	Charmilles O-ring For Upper Head
C941.000.3	O.D.= 2.0 MM T=1.78 MM	Charmilles O-ring
C941.000.9	N/A	Charmilles O-ring
C941.002.7	O.D.= 10.82 MM T= 1.78 MM	Charmilles O-ring
C941.012.2	O.D.= 3.68 MM T= 1.78 MM	Charmilles O-ring
C941.020.1	O.D.= 12.42 MM T= 1.78 MM	Charmilles O-ring
C941.020.2	N/A	Charmilles O-ring Seal
C941.020.7	O.D.= 41.0 MM T= 1.78 MM	Charmilles O-ring
C941.020.8	O.D.= 23.81 MM T= 1.78 MM	Charmilles O-ring
C941.203.6	N/A	Charmilles O-ring



*Additional parts available upon request.

GEARS

PICTURE	PART #	SIZE (MM)	DESCRIPTION	MACHINE MODEL	ORIGINAL PART #
(Image Coming Soon)	C100542866	N/A	Charmilles Gear For Contact Roller	RF230F, RF240 (CC, CCS, SL, SLP), RF330F, RF440 (CC, CCS, SL, SLP), RF640CC/CCS	
	C130003223	N/A	Charmilles Geared Wheel	RF190, RF290/P, RF300, RF310, RF390, RF500, RF510, RF690	
(Image Coming Soon)	C130003232	N/A	Charmilles Gear	RF190, RF290/P, RF300, RF310, RF390, RF500, RF510, RF690	
(Image Coming Soon)	C130003842	N/A	Charmilles Geared Wheel	RF190, RF290/P, RF300, RF310, RF500, RF510	
(Image Coming Soon)	C443.449.0	N/A	Charmilles Gear For Wire Motor	RF2030SI/-TW, RF4030SI/-TW, RF6030SI/-TW	
(Image Coming Soon)	C447.762	N/A	Charmilles Geared Wheel	RF190, RF290/P, RF300, RF310, RF500, RF510	
(Image Coming Soon)	C447.764	N/A	Charmilles Geared Wheel	RF190, RF290/P, RF300, RF310, RF330F RF390, RF500, RF510, RF1020 (.1, SI), RF2020 (.1, SI), RF4020 (.1, SI), RF6020 (.1, SI)	
(Image Coming Soon)	C542.866	N/A	Charmilles Gear For Contact Roller	RF230F, RF240 (CC, CCS, SL, SLP), RF330F, RF440 (CC, CCS, SL, SLP), RF640CC/CCS	
(Image Coming Soon)	C544.145	N/A	Charmilles Geared Wheel	RF190, RF290/P, RF300, RF310, RF500, RF510	

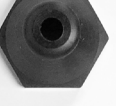
*Additional parts available upon request.

FLUSH CUPS & NOZZLES

PICTURE	PART #	SIZE (MM)	DESCRIPTION	MACHINE MODEL	ORIGINAL PART #
(Image Coming Soon)	206.411.670	N/A	Charmilles Nozzle		
	C135001193	6 MM 0.236" INCH	Charmilles Nozzle	RF240 (CC, CCS, SL, SLP), RF440 (CC, CCS, SL, SLP), RF640CC/CCS	
(Image Coming Soon)	C135001194	N/A	Charmilles Nozzle Nut	RF230F, RF240 (CC, CCS, SL, SLP), RG330F, RF440 (CC, CCS, SL, SLP), RF640 CC/CCS	
(Image Coming Soon)	C135006269	N/A	Charmilles Nut Nozzle	RF1030, RF2030SI/-TW, RF2050TW, RF4030-TW, RF6030SI/-TW, RF6050TW	
(Image Coming Soon)	C341.648	N/A	Charmilles Sapphire Nozzle (Guide Tube)		
	C431.787	1.8 MM 0.071" INCH	Charmilles Ceramic Threading Nozzle	RF100, RF200, RF230F, RF240 (CC, CCS, SL, SLP), RF290/P, RF310, RF330F, RF390, RF400, RF440 (CC, CCS, SL, SLP), RF510, RF600, RF640CC/CCS, RF690, RF1020 (.1, SI), RF2000, RF2020 (.1, SI), RF2030SI/-TW, RG2050TW, RF4020...	
	C431.788	6.0 MM 0.236" INCH	Charmilles Ceramic Nozzle	RF100, RF200, RF400, RF600	
	C431.958	0.8 MM 0.031" INCH	Charmilles Threading Nozzle Ceramic	RF100, RF200, RF230F, RF240 (CC, CCS, SL, SLP), RF290/P, RF310, RF330F, RF290, RF400, RF440 (CC, CCS, SL SLP), RF510, RF600, RF640CC/CCS, RF690, RF1020 (.1, SI), RF200, RF2020 (.1, SI), RF2030SI/-TW, RF40020 (.1, SI), RG4030SI/-TW,...	
(Image Coming Soon)	C432.545	N/A	Charmilles Sleeve Nut Nozzle Upper	RF190, RF290/P, RF300, RF500	
(Image Coming Soon)	C542.384	3.4 MM 0.134" INCH	Charmilles Threading Nozzle	RF2050TW, RF6050TW	

*Additional parts available upon request.

FLUSH CUPS & NOZZLES

PICTURE	PART #	SIZE (MM)	DESCRIPTION	MACHINE MODEL	ORIGINAL PART #
(Image Coming Soon)	C640.092	N/A	Charmilles Suction Nozzle	RF1020 (.1, SI), RF2020 (.1, SI), RF2030SI/-TW, RF4020 (.1, SI), RF4030SI/-TW, RF6020 (.1, SI), RF6030SI/-TW	
(Image Coming Soon)	C640.978	N/A	Charmilles Injection Nozzle	RF240 (CC, CCS, SL, SLP), RF390, RF440 (CC, CCS, SL, SLP), RF640CC, RF690, RF2030SI/-TW, RF2050TWM RF4030SI/-TW, RF6030SI/-TW, RF6050TW	
	C641.604	N/A	Charmilles Nozzle	RF230F, RF240 (CC, CCS, SL, SLP), RF330F, RF440 (CC, CCS, SL SLP)	
	C432.351	7.0 MM 0.275" INCH	Charmilles Lower Flush Cup	RF190, RF290/P, RF300, RF310, RF390, RF500, RF510, RF690, RF1020 (.1, SI), RF2000, RF2020 (.1, SI), RF2030SI/-TW, RF2050TW, RF4020 (.1, SI), RF4030SI/-TW, RF6020 (.1, SI), RF6030SI/-TW, RF6050TW	
	C446.021	5.5 MM 0.216" INCH	Charmilles Standard Flat Nozzle	RF300, RF310, RF500, RF510	
	C448.473	5.5 MM 0.216" INCH	Charmilles Water Nozzle Flat	RF1020/.1, RF2020 (.1, SI), RF4020 (.1, SI), RF6020 (.1, SI)	
	C449.031	7.0 MM 0.275" INCH	Charmilles Flat Nozzle		
	C542.646	6.0 MM 0.236" INCH	Charmilles Nozzle For Lower Head	RF230F, RF330F	
	C542.917	6.0 MM 0.236" INCH	Charmilles Upper Flush Cup	RF230F, RF240 (CC, CCS, SL, SLP), RF330F, RF390, RF440 (CC, CCS, SL, SLP), RF640CC/CCS, RF690	
	C641.617	6.0 MM 0.236" INCH	Charmilles Lower Flush Nozzle	RF240 (CC, CCS, SL, SLP), RF440 (CC, CCS, SL, SLP), RF640CC/CCS	

*Additional parts available upon request.

POWER CONTACTS & HOLDERS

PICTURE	PART #	SIZE (MM)	DESCRIPTION	MACHINE MODEL	ORIGINAL PART #
(Image Coming Soon)	C443.210	N/A	Charmilles Lower Power Contact	RF100, RF200, RF400, RF600	
	C432.997	N/A	Charmilles Power Contact Four Sided	RF100, RF190, RF200, RF230F, RF240 (CC, CCS, SL, SLP), RF290/P, RF300, RF210, RF 330F, RF390, RF400, RF440 (CC, CCS, SL SLP), RF500, RF510, RF600, RF640CC/CCS, RF690, RF1020 (.1, SI), RF2020 (.1, SI)...	
	C630.654	N/A	Charmilles Upper Power Contact	RF100, RF190, RF200, RF230F, RF240 (CC, CCS, SL, SLP), RF290/P, RF300, RF210, RF 330F, RF390, RF400, RF440 (CC, CCS, SL SLP), RF500, RF510, RF600, RF640CC/CCS, RF690, RF1020 (.1, SI), RF2020 (.1, SI)...	
(Image Coming Soon)	C434.002	N/A	Charmilles Contact Support	RF230F, RF240 (CC, CCS, SL, SLP), RF330F, RF440 (CC, CCS, SL, SLP), RF640CC/CCS	
(Image Coming Soon)	C442.925	N/A	Charmilles Contact Holder	RF100, RF200, RF400, RF600	
	C444.728	N/A	Charmilles Lower Contact Support	RF1020 (.1, SI), RF2020 (.1, SI), RF4020 (.1, SI), RF6020 (.1, SI)	
	C444.750	N/A	Charmilles Upper Contact Holder	RF190, RF230F, RF240 (CC, CCS, SL, SLP), RF290/P, RF200, RF310, RF330, RF390, RF440 (CC, CCS, SL, SLP), RF500, RF510, RF640CC/CCS, RF690, RF1020 (.1, SI), RF2000, RF2020 (.1, SI), RF4020 (.1, SI)...	
(Image Coming Soon)	C640.068	N/A	Charmilles Upper Contact Support	RF1020 (.1, SI), RF2020 (.1, SI), RF4020 (.1, SI), RF6020 (.1, SI)	
	C441.275	N/A	Centering Eye for Charmilles	RF100, RF200, RF230F, RF240 (CC, CCS, SL, SLP), RF290/P, RF300, RF310, RF330F, RF390, RF400, RF440 (CC, CCS, SL, SLP), RF500, RF510, RF600, RF640CC/CCS, RF690, RF1020 (.1, SI), RF2000, RF2020 (.1, SI)...	

*Additional parts available upon request.

WIRE GUIDES

PICTURE	PART #	SIZE (MM)	DESCRIPTION	MACHINE MODEL	ORIGINAL PART #
	C441.423	0.8 MM 0.031" INCH	Charmilles Ceramic Pre-Guide	RF100, RF190, RF200, RF240 (CC, CCS, SL, SLP), RF290/P, RF300, RF310/F, RF330F/P, RF390, RF400, RF440 (CC, CCS, SL, SLP), RF500, RF510 (F, P), RF600, RF640CC/CCS, RF690, RF1000, RF1020 (.1, SI)..	
	C430586	0.25 MM 0.010" INCH	Charmilles Lower Diamond Guide Stainless Surround	RF100, RF190, RF200, RF230F, RF240 (CC, CCS, SL, SLP), RF290/P, RF300, RF310/F, RF330F, RF390, RF400, RF440(CCC, CCS, SL, SLP), RF500, RF510 (F, P), RF600, RF640CC/CCS, RF690, RF1020 (.1, SI)...	
	C430586C	0.25 MM 0.010" INCH	Charmilles Lower Diamond Guide Ceramic Surround	RF100, RF190, RF200, RF230F, RF240 (CC, CCS, SL, SLP), RF290/P, RF300, RF310/F, RF330F, RF390, RF400, RF440(CCC, CCS, SL, SLP), RF500, RF510 (F, P), RF600, RF640CC/CCS, RF690, RF1020 (.1, SI)...	
(Image Coming Soon)	C431.022C	0.10 MM 0.004" INCH	Charmilles Upper Diamond Guide Ceramic Surround	RF100, RF190, RF200, RF230F, RF240 (CC, CCS, SL, SLP), RF290/P, RF300, RF310/F, RF330F/P, RF390, RF400, RF440(CCC, CCS, SL, SLP), RF500, RF510 (F, P), RF600, RF640CC/CCS, RF690, RF1020 (.1, SI)...	
(Image Coming Soon)	C431.027C	0.10 MM 0.004" INCH	Charmilles Lower Diamond Guide Ceramic Surround	RF100, RF190, RF200, RF230F, RF240 (CC, CCS, SL, SLP), RF290/P, RF300, RF310/F, RF330F, RF390, RF400, RF440(CCC, CCS, SL, SLP), RF500, RF510, RF600, RF640CC/CCS, RF690, RF1020 (.1, SI)...	
(Image Coming Soon)	C431.112	0.20 MM 0.008" INCH	Charmilles Upper Diamond Guide Stainless Surround	RF100, RF190, RF200, RF230F, RF240 (CC, CCS, SL, SLP), RF290/P, RF300, RF310, RF330F, RF390, RF400, RF440(CCC, CCS, SL, SLP), RF500, RF510, RF600, RF640CC/CCS, RF690, RF1020 (.1, SI)...	
(Image Coming Soon)	C431.112C	0.20 MM 0.008" INCH	Charmilles Upper Diamond Guide Ceramic Surround	RF100, RF190, RF200, RF230F, RF240 (CC, CCS, SL, SLP), RF290/P, RF300, RF310, RF330F, RF390, RF400, RF440(CCC, CCS, SL, SLP), RF500, RF510, RF600, RF640CC/CCS, RF690, RF1020 (.1, SI)...	

*Additional parts available upon request.

WIRE GUIDES

PICTURE	PART #	SIZE (MM)	DESCRIPTION	MACHINE MODEL	ORIGINAL PART #
(Image Coming Soon)	C431.114C	0.15 MM 0.006" INCH	Charmilles Upper Diamond Guide Ceramic Surround	RF100, RF190, RF200, RF230F, RF240 (CC, CCS, SL, SLP), RF290/P, RF300, RF310, RF330F, RF390, RF400, RF440(CC, CCS, SL, SLP), RF500, RF510, RF600, RF640CC/CCS, RF690, RF1020 (.1, SI)...	
(Image Coming Soon)	C431.122	0.20 MM 0.008" INCH	Charmilles Lower Diamond Guide Stainless Surround	RF100, RF190, RF200, RF230F, RF240 (CC, CCS, SL, SLP), RF290/P, RF300, RF310, RF330F, RF390, RF400, RF440(CC, CCS, SL, SLP), RF500, RF510, RF600, RF640CC/CCS, RF690, RF1020 (.1, SI)...	
	C431.122C	0.20 MM 0.008" INCH	Charmilles Lower Diamond Guide Ceramic Surround	RF100, RF190, RF200, RF230F, RF240 (CC, CCS, SL, SLP), RF290/P, RF300, RF310, RF330F, RF390, RF400, RF440(CC, CCS, SL, SLP), RF500, RF510, RF600, RF640CC/CCS, RF690, RF1020 (.1, SI)...	
	C431.124C	0.15 MM 0.006" INCH	Charmilles Lower Diamond Guide Ceramic Surround	RF100, RF190, RF200, RF230F, RF240 (CC, CCS, SL, SLP), RF290/P, RF300, RF310, RF330F, RF390, RF400, RF440(CC, CCS, SL, SLP), RF500, RF510, RF600, RF640CC/CCS, RF690, RF1020(.1, SI), RF2000...	
	C432.512C	0.305 MM 0.012" INCH	Charmilles Upper Diamond Guide Ceramic Surround	RF100, RF190, RF200, RF230F, RF240 (CC, CCS, SL, SLP), RF290/P, RF300, RF310, RF330F, RF390, RF400, RF440(CC, CCS, SL, SLP), RF500, RF510, RF600, RF640CC/CCS, RF690, RF1020(.1, SI), RF2000...	
(Image Coming Soon)	C432.814C	0.305 MM 0.012" INCH	Charmilles Lower Diamond Guide Ceramic Surround	RF100, RF190, RF200, RF230F, RF240 (CC, CCS, SL, SLP), RF290/P, RF300, RF310, RF330F, RF390, RF400, RF440(CC, CCS, SL, SLP), RF500, RF510, RF600, RF640CC/CCS, RF690, RF1020(.1, SI), RF2000...	
	C432511	0.25 MM 0.010" INCH	Charmilles Upper Diamond Guide Stainless Surround	RF100, RF190, RF200, RF230F, RF240 (CC, CCS, SL, SLP), RF290/P, RF300, RF310, RF330F, RF390, RF400, RF440(CC, CCS, SL, SLP), RF500, RF510, RF600, RF640CC/CCS, RF690, RF1020(.1, SI), RF2000...	

*Additional parts available upon request.

WIRE GUIDES

PICTURE	PART #	SIZE (MM)	DESCRIPTION	MACHINE MODEL	ORIGINAL PART #
	C432511C	0.25 MM 0.010" INCH	Charmilles Upper Diamond Guide Ceramic Surround	RF100, RF190, RF200, RF230F, RF240 (CC, CCS, SL, SLP), RF290/P, RF300, RF310, RF330F, RF390, RF400, RF440(CC, CCS, SL, SLP), RF500, RF510, RF600, RF640CC/CCS, RF690, RF1020(I, SI), RF2000...	
(Image Coming Soon)	C443.344.0	0.15 MM 0.006" INCH	Charmilles Wire Guide Set		

WIRE GUIDE SUPPLIES

PICTURE	PART #	SIZE (MM)	DESCRIPTION	MACHINE MODEL	ORIGINAL PART #
	C135001191	N/A	Charmilles Stainless Clamping Nut	RF240 (CC, CCS, SL, SLP), RF440 (CC, CCS, SL, SLP), RF640CC/CCS	
(Image Coming Soon)	C442.870	N/A	Charmilles Upper Clamping Nut For Wire Guide	RF100, RF200, RF400, RF600	
(Image Coming Soon)	C442.871	N/A	Charmilles Lower Clamping Nut For Wire Guide	RF100, RF200, RF400, RF600	
(Image Coming Soon)	C443.409	N/A	Charmilles Washer For Lower Guide	RF100, RF200, RF400, RF600	
(Image Coming Soon)	C444.744	N/A	Stainless Clamping Nut For Upper Guide	RF290/P, RF300, RF310, RF390, RF500, RF510, RF690	
(Image Coming Soon)	C444.760	N/A	Stainless Clamping Nut For Lower Guide	RF190, RF290/P, RF300, RF310, RF390, RF500, RF510, RF690	

*Additional parts available upon request.

PARTS

PICTURE	PART #	SIZE (MM)	DESCRIPTION	MACHINE MODEL	ORIGINAL PART #
	C130003362	N/A	Charmilles Contact Sleeve	RF190, RF290/P, RF300, RF310, RF390, RF500, RF510, RF690	
	C445.138	N/A	Charmilles Sleeve Support	RF290/P, RF300, RF310, RF390, RF500, RF510, RF2020SI, RF6020SI	
	C432.551.0	N/A	Charmilles U-Slot Contact	RF240 (CC, CCS, SL, SLP), RF440 (CC, CCS, SL, SLP)	
	C442.856.0	N/A	Charmilles Current Supply Upper Head	RF100, RF200, RF400, RF600	
	C448.679	N/A	Charmilles Short Contact Sleeve Lower Head	RF190, RF290/P, RF300, RF310, RF390, RF500, RF510, RF610	
	C343.525	N/A	Charmilles Contact Brush Annealing	RF230F, RF240 (CC, CCS, SL, SLP), RF290/P, RF300, RF310, RF330F, RF390, RF440 (CC, CCS, SL, SLP), RF500, RF510, RF640CC/CCS, RF690, RF1020 (.1, SI), RF2020 (.1, SI)...	
	C446.687	N/A	Charmilles Contact Brush	RF190, RF290/P, RF300, RF310, RF390, RF500, RF510, RF690	
(Image Coming Soon)	C446.688	N/A	Charmilles Arm Holder For Contact Brush	RF190, RF290/P, RF300, RF310, RF390, RF500, RF510, RF690	
(Image Coming Soon)	C433.564	N/A	Charmilles Lower Braid		
	C447.628.0	N/A	Charmilles Contact Braid W-module	RF190, RF230F, RF240 (CC, CCS, SL, SLP), RF290/P, RF300, RF310/F, RF330F/P, RF390, RF440 (CC, CCS, SL, SLP), RF500, RF510 (F, P), RF640CC/CCS, RF690, RF1020 (.1, SI)...	

*Additional parts available upon request.

PARTS

PICTURE	PART #	SIZE (MM)	DESCRIPTION	MACHINE MODEL	ORIGINAL PART #
(Image Coming Soon)	C443.211	N/A	Charmilles Adjustable Contact Device	RF100, RF200, RF400, RF600	
	C543.838	N/A	Charmilles Contact Plate	RF230F, RF240 (CC, CCS, SL, SLP), RF330F, RF440 (CC, CCS, SL, SLP), RF640CC/CCS	
(Image Coming Soon)	C135009523	N/A	Charmilles Contact Plate	RF240 (CC, CCS, SL, SLP), RF440 (CC, CCS, SL, SLP), RF640CC/CCS	
(Image Coming Soon)	C544.241.0	N/A	Charmilles Contact Pulley	RF190, RF230F, RF240 (CC, CCS, SL, SLP), RF290/P, RF300, RF310, RF330F, RF390, RF440 (CC, CCS, SL, SLP), RF500, RF510, RF640CC/CCS, RF1020 (.1, SI), RF2020 (.1, SI)...	
	C444.753.0	N/A	Charmilles Current Supply	RF190, RF230F, RF 240 (CC, CCS, SL, SLP), RF290/P, RF300, RF310, RF330F, RF390, RF440 (CC, CCS, SL, SLP), RF500, RF510, RF640CC/CCS, RF690, RF1020/.1, RF2000, RF2020...	
(Image Coming Soon)	C640.070.0	N/A	Charmilles Power Supply Module with 0.1 MM Thread	RF1020 (.1, SI), RF2000, RF2020 (.1, SI), RF4020 (.1, SI), RF6020 (.1, SI)	
(Image Coming Soon)	C135016091	N/A	Charmilles Contact Module	RF190, RF230F, RF240 (CC, CCS, SL, SLP), RF290/P, RF300, RF310, RF330F, RF440 (CC, CCS, SL, SLP), RF500, RF510, RF1000, RF1020 (.1, SI), RF2000, RF2020 (.1, SI)...	
(Image Coming Soon)	C446.493	N/A	Charmilles Screw Upper Contact	RF190, RF240 (CC, CCS, SL, SLP), RF290/P, RF300, RF310, RF440 (CC, CCS, SL, SLP), RF500, RF510, RF1020 (.1, SI), RF2020 (.1, SI), RF4020 (.1, SI), RF6000, RF6020 (.1, SI)	
(Image Coming Soon)	C000.893	N/A	Charmilles Carbon Brush Bracket Set (Black & Red)	RF190, RF230F, RF240 (CC, CCS, SL, SLP), RF290/P, RF300, RF310, RF330F, RF440 (CC, CCS, SL, SLP), RF500, RF510, RF2020SI/-TW, RF4030SI/-TW, RF6030SI/-TW	

*Additional parts available upon request.

PARTS

PICTURE	PART #	SIZE (MM)	DESCRIPTION	MACHINE MODEL	ORIGINAL PART #
(Image Coming Soon)	C443.964	N/A	Charmilles Screw For Upper Current Supply	RF190, RF230F, RF240 (CC, CCS, SL, SLP), RF290/P, RF300, RF310, RF330F, RF440 (CC, CCS, SL, SLP), RF500, RF510, RF2030SI/-TW, RF4030SI-TW, RF6030SI/-TW	
(Image Coming Soon)	C443.965	N/A	Charmilles Nut For Upper Current Supply	RF100, RF200, RF400, RF600	
	C135000217	880 MM 35" INCH	Charmilles Lower Cable For Robofil 240	RF230F, RF240 (SL, SLP)	
(Image Coming Soon)	C135006123	1520 MM 60" INCH	Charmilles Upper Cable	RF240 (CC, CCS, SL, SLP) 440C	
(Image Coming Soon)	C330.791	750 MM 29.5" INCH	Charmilles Grounding Cable	RF200	
	C430.998	650 MM 25.6" INCH	Charmilles Ground Cable	RF200, RF2030TW, RF4020 (.1, SI), RF4030SI/-TW	
	C430.999	850 MM 33.5" INCH	Charmilles Power Cable	RF400	
	C431.213	950 MM 37.4" INCH	Charmilles Power Cable	RF600	
	C431.870	800 MM 31.5" INCH	Charmilles Current Supply Cable	RF6020 (.1, SI), RF6030SI/-TW	
(Image Coming Soon)	C431.871	450 MM 17.7" INCH	Charmilles Current Supply Cable	RF2000, RF2020	
	C432.528	1100 MM 43.3" INCH	Charmilles Ground Cable Lower	RF290/P, RF300, RF310	

*Additional parts available upon request.

PARTS

PICTURE	PART #	SIZE (MM)	DESCRIPTION	MACHINE MODEL	ORIGINAL PART #
(Image Coming Soon)	C433.309	2000 MM 78.7" INCH	Charmilles Lower Input Cable	RF500, RF510	
(Image Coming Soon)	C433.310	1450 MM 57.1" INCH	Charmilles Lower Input Cable	RF500, RF510	
(Image Coming Soon)	C443.310	N/A	Charmilles Cable		
	C446.216.0	950 MM 37.4" INCH	Charmilles Grounding Cable Upper / Left	RF1020 (.1,SI), RF2020 (.1,SI), RF2030SI/-TW	
	C446.217.0	700 MM 27.6" INCH	Charmilles Grounding Cable Upper / Right	RF1020 (.1,SI), RF2020 (.1,SI), RF2030SI/-TW	
	C446.218.0	1150 MM 45.3" INCH	Charmilles Cable Upper / Left	RF4020 (.1, SI), RF4030SI/- TW	
	C446.219.0	875 MM 34.4" INCH	Charmilles Cable Upper / Right	RF4020 (.1,SI), RF4030SI/- TW	
	C446.220.0	1300 MM 51.2" INCH	Charmilles Cable Upper	RF6020 (.1, SI), RF6030SI/- TW, RF6050TW	
	C446.221.0	1050 MM 41.3" INCH	Charmilles Grounding Cable Upper / Right	RF6020 (.1, SI), RF6030SI/- TW,	
	C446.736	N/A	Charmilles Grounding Cable For Contact Brush	RF190, RF290/P, RF300, RF310, RF390, RF500, RF510, RF690	
(Image Coming Soon)	C109044029	M4 x 12 MM	Charmilles Screw M4	RF100, RF190, RF200, RF290/P, RF300, RF310, RF390, RF400, RF500, RF510, RF600, RF690	

*Additional parts available upon request.

PARTS

PICTURE	PART #	SIZE (MM)	DESCRIPTION	MACHINE MODEL	ORIGINAL PART #
(Image Coming Soon)	C135006394	N/A	Charmilles Locking Nut	RF240 (CC, CCS, SL, SLP), RF440 (CC, CCS, SL, SLP)	
(Image Coming Soon)	C135014591	N/A	Charmilles Nut Kit	RF190, RF290/P, RF300, RF310, RF390, RF400, RF500, RF510, RF600, RF690	
(Image Coming Soon)	C445.139	N/A	Charmilles Nut Terminal Upper Head	RF290/P, RF300, RF310/F, RF330F, RF500, RF510, RF2020SI, RF4020SI, RF6020SI	
(Image Coming Soon)	C447.011	N/A	Charmilles Plastic Nut	RF190, RF290/P, RF300, RF310, RF290, RF500, RF510, RF690	
(Image Coming Soon)	C130003235	N/A	Charmilles Washer Flat Cinch Roller Shaft		
(Image Coming Soon)	C130003236	N/A	Charmilles Spring Cinch Roller Shaft		
(Image Coming Soon)	C135011487	N/A	Charmilles Friction Ring	RF240 (CC, CCS, SL, SLP), RF440 (CC, CCS, SL, SLP), RF640CC/CCS	
(Image Coming Soon)	C135011488	N/A	Charmilles Sealing Ring	RF240 (CC, CCS, SL, SLP), RF440 (CC, CCS, SL, SLP), RF640CC/CCS	
(Image Coming Soon)	C444.761	N/A	Charmilles Ring	RF290/P, RF300, RF310, RF500, RF510, RF1000, RF1020 (.1, SI), RF2020 (.1, SI), RF4020 (.1, SI), RF6020 (.1, SI)	
	C130004537	N/A	Charmilles Collar Seal For Pinch Roller Shaft	RF190, RF290/P, RF300, RF310, RF290, RF500, RF510, RF690	
	C135006434	N/A	Charmilles Tank Door Seal	RF230F, RF240 (CC, CCS, SL, SLP), RF440F	

*Additional parts available upon request.

PARTS

PICTURE	PART #	SIZE (MM)	DESCRIPTION	MACHINE MODEL	ORIGINAL PART #
(Image Coming Soon)	C434.418	20 x 20 MM	Charmilles Door Seal	RF330F, RF2050TW, RF6050TW	
(Image Coming Soon)	C440.037	N/A	Charmilles Seal Sandwich	RF100, RF200, RF400, RF600, RF1020 (.1, SI), RF2020 (.1, SI), RF2030SI, RF4020 (.1, SI), RF4030SI/-TW, RF6020 (.1, SI), RF6030/-TW	
	C441.735	N/A	Charmilles Seal Upper Head	RF100, RF200, RF400, RF600	
(Image Coming Soon)	C442.362	150 MM X 170 MM X 3 MM	Charmilles Flat Seal		
	C442.928	N/A	Charmilles Seal For Air Wire Cutting Piston	RF100, RF200, RF400, RF600	
	C443.196	N/A	Charmilles Seal Sandwich For Lower Arm	RF100, RF200, RF400, RF600, RF1020 (.1, SI), RF2020 (.1, SI), RF6020 (.1, SI)	
	C444.709	12 MM	Charmilles Tank Door Seal	RF2030SI-TW, RF4030SI-TW, RF6030SI-TW	
	C446.367	N/A	Charmilles Lower Head Seals	RF290/P, RF300, RF310, RF500, RF510	
	C447.142	N/A	Charmilles V-seal	RF290/P, RF300, RF310, RF500, RF510	
(Image Coming Soon)	C544.160	N/A	Charmilles Brown Seal For Lower Air Head	RF290/P, RF300, RF310, RF500, RF510	

*Additional parts available upon request.

PARTS

PICTURE	PART #	SIZE (MM)	DESCRIPTION	MACHINE MODEL	ORIGINAL PART #
	C446.253	N/A	Charmilles Abrasive Rubber	RF100, RF190, RF200, RF230F, RF240 (CC, CCS, SL, SLP), RF290/P, RF300, RF310, RF330F, RF390, RF400, RF440 (CC, CCS, SL, SLP), RF500, RF510, RF600, RF640CC/CCS, RF690, RF1020(.1, SI), RF2020...	
(Image Coming Soon)	C1350003916	N/A	Charmilles Complete Cover		
(Image Coming Soon)	C430.243	N/A	Charmilles Dash Pot Front Cover	RF100, RF200, RF400, RF600	
(Image Coming Soon)	C442.945	N/A	Charmilles Cover For Cover House	RF100, RF200, RF400, RF600	
(Image Coming Soon)	C432.965	N/A	Charmilles Splash Guard	RF2020 (.1,SI), RF4020 (.1,SI)	
(Image Coming Soon)	C8732900	N/A	Charmilles Air Filter Generator Door		
(Image Coming Soon)	C873.290.0	275 x 210 x 20 MM	Charmilles Air Filter Element	RF290, RF300, RF310, RF500, RF510, RF2030SI/-TW, RF4030SI/-TW, RF6030/-TW	
(Image Coming Soon)	C862.614.0	315 x 450 x 20 MM	Charmilles Air Filter Element	RF290, RF300, RF310, RF500, RF510, RF2030SI/-TW, RF4030SI/-TW, RF6030/-TW	
(Image Coming Soon)	C8626140	N/A	Charmilles Generator Element		
	C444.496	N/A	Charmilles Filter Canister Gasket	RF100, RF200, RF400, RF600, RF1020 (.1, SI), RF2020 (.1, SI), RF2030SI/-TW, RF4020 (.1, SI), RF4030SI/-TW, RF6020 (.1, SI), RF6030/-TW	

*Additional parts available upon request.

PARTS

PICTURE	PART #	SIZE (MM)	DESCRIPTION	MACHINE MODEL	ORIGINAL PART #
(Image Coming Soon)	C448.165	N/A	Charmilles Filter Canister Gasket	RF100, RF200, RF290/P, RF300, RF310, RF400, RF500, RF510, RF600, RF1020 (.1, SI), RF2020 (.1, SI), RF2030SI/-TW, RF4020 (.1, SI), RF4030SI/-TW, RF6020 (.1, SI), RF6030/-TW	
(Image Coming Soon)	C329.690	N/A	Charmilles Injection Chamber (Grey Cup)	RF190, RF230F, RF240 (CC, CCS, SL, SLP), RF290/P, RF300, RF310, RF330F, RF390, RF440 (CC, CCS, SL, SLP), RF500, RF510, RF640CC, RF690	
(Image Coming Soon)	C431.214.0	N/A	Charmilles Lower Grey Cup (Injection Chamber)	RF100, RF200, RF400, RF600	
(Image Coming Soon)	C431.215.0	N/A	Charmilles Upper Grey Cup (Injection Chamber)	RF100, RF200, RF400, RF600	
	C432.969.0	N/A	Charmilles Lower Injection Chamber	RF190, RF230F, RF240 (CC, CCS, SL, SLP), RF300, RF310, RF330F, RF390, RF440 (CC, CCS, SL, SLP), RF500, RF510, RF640CC, RF690	
	C432.970.0	N/A	Charmilles Upper Injection Chamber Empty	RF230F, RF240 (CC, CCS, SL, SLP), RF290/P, RF310, RF330F, RF390, RF440 (CC, CCS, SL, SLP), RF510, RF640CC, RF690	
(Image Coming Soon)	C434.870	N/A	Charmilles Upper Injection Chamber Complete		
(Image Coming Soon)	C448.712.0	N/A	Charmilles Grey Cup (Injection Chamber)	RF1000, RF1020/1, RF2000, RF2020/1, RF4000, RF4020/1, RF6000, RF6020/1	
	C448.970.0	N/A	Charmilles Upper Injection Chamber Empty	RF1000, RF1020 (.1, SI), RF2000, RF2020 (.1, SI), RF2030SI/-TW, RF4020 (.1, SI), RF4030SI/-TW, RF6000, RF6020 (.1, SI), RF6030SI/-TW, RF6050TW, RF640CC	
(Image Coming Soon)	C640.109.0	N/A	Charmilles Lower Injection Chamber Empty	RF1020 (.1, SI), RF2020 (.1, SI), RF2030SI/-TW, RF2050TW, RF4020 (.1, SI), RF4030SI/-TW, RF6020 (.1, SI), RF6030SI/-TW, RF6050TW	

*Additional parts available upon request.

PARTS

PICTURE	PART #	SIZE (MM)	DESCRIPTION	MACHINE MODEL	ORIGINAL PART #
(Image Coming Soon)	C135000573	N/A	Charmilles Pneumatic Valve Pressure	RF240 (CC, CCS, SL, SLP), RF440 (CC, CCS, SL, SLP)	
(Image Coming Soon)	C432.466	N/A	Charmilles Pneumatic Valve	RF240 (CC, CCS, SL, SLP), RF440 (CC, CCS, SL, SLP), RF510, RF2030SI/-TW, RF4030SI/-TW, RF6030SI/-TW	
(Image Coming Soon)	C434.357	N/A	Charmilles Electro-pneumatic Valve	RF290/P	
(Image Coming Soon)	C441.796	N/A	Charmilles Throttle Non-Return Valve	RF1000, RF2000, RF4000, RF6000	
(Image Coming Soon)	C440.601	N/A	Charmilles Ball For Bleeding Valve (Set of 3 Pieces)	RF100, RF200, RF400, RF600	
	C135008865	N/A	Charmilles Pneumatic Cartridge	RF290	
(Image Coming Soon)	C432.557	N/A	Charmilles Pneumatic Cartridge	RF240 (CC, CCS, SL, SLP), RF440 (CC, CCS, SL, SLP), RF2030SI/-TW, RF4030SI/-TW, RF6030SI/-TW	
	C431.523	N/A	Charmilles Manometer Pressure Gauge	RF310/F, RF510/P, RF2030SI/-TW, RF4030SI/-TW, RF6030SI/-TW	
(Image Coming Soon)	C542.469	N/A	Pressure Sensor For Charmilles	RF290/P, RF300, RF310, RF330F/P, RF500, RF510, RF1000, RF1020 (.1, SI), RF2000, RF2020 (.1, SI), RF4000, RF4020 (.1, SI)	
	C542.854	N/A	Charmilles Pressure Spring	RF230F, RF240 (CC, CCS, SL, SLP), RF330F, RF440 (CC, CCS, SL, SLP), RF640CC/CCS	
(Image Coming Soon)	C543.950	N/A	Pressure Transmitter For Charmilles WEDM	RF230F, RF240, RF330F, RF440	

*Additional parts available upon request.

PARTS

PICTURE	PART #	SIZE (MM)	DESCRIPTION	MACHINE MODEL	ORIGINAL PART #
(Image Coming Soon)	C445.441	N/A	Charmilles Wire Evacuation Spring	RF2020SI, RF4040SI, RF6020SI	
	C446.689	N/A	Charmilles Draw Spring	RF190, RF290/P, RF300, RF310, RF390, RF500, RF510, RF690	
(Image Coming Soon)	C447.060	N/A	Charmilles Spring For Flushing Nozzle	RF290/P, RF300, RF310, RF390, RF500, RF510, RF690	
(Image Coming Soon)	C543.287	N/A	Charmilles Spring	RF290F, RF240 (CC, CCS, SL, SLP), RF330F, RF440 (CC, CCS, SL, SLP), RFCC/CCS	
	C430.039	N/A	Charmilles Motor Without Gear	RF190, RF290/P, RF300, RF310, RF500, RF510, RF690, RF2030SI/-TW, RF4030SI/-TW, RF6030SI/-TW	
	C430.610	N/A	Charmilles Wire Drive Motor	RF100, RF200, RF230F, RF240 (CC, CCS, SL, SLP), RF290/P, RF300, RF310, RF330F, RF440 (CC, CCS, SL, SLP), RF500, RF510, RF1000, RF1020 (.1, SI), RF2000, RF2020 (.1, SI), RF2030SI/-TW, RF4030SI...	
(Image Coming Soon)	C970.601	N/A	Charmilles Battery CR17450SE-R 3V	RF230F, RF330F	
(Image Coming Soon)	C999.065	N/A	Charmilles Fan	RF100, RF200, RF240 (CC, CCS, SL, SLP), RF400, RF440 (CC, SL, SLP), RF600	
(Image Coming Soon)	C999.100	N/A	Charmilles Fan	RF240 (CC, CCS, SL, SLP), RF440 (CC, CCS, SL, SLP)	
	SFDR-IU-SW720	N/A	USB Simulating Floppy Drive For Charmilles EDM (720K Memory)		

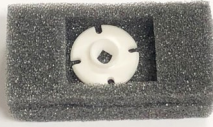
*Additional parts available upon request.

PARTS

PICTURE	PART #	SIZE (MM)	DESCRIPTION	MACHINE MODEL	ORIGINAL PART #
	C445.439	N/A	Charmilles Carbon Brush For BCC Motor (Set of 2)	RF190, RF230F, RF240 (CC, CCS, SL, SLP), RF290/P, RF300, RF310, RF330F, RF440 (CC, CCS, SL, SLP), RF500, RF510, RF2030SI/-TW, RF4030SI/-TW, RF6030SI/-TW	
	TBR3100	N/A	Charmilles Tachometer Brush		
	C447.082	N/A	Carbon Brush For Charmilles Motor	RF190, RF230F, RF290/P, RF300, RF310, RF330F, RF500, RF510	
	C342.185	N/A	Charmilles Carbon Brush Holder	RF230F, RF240 (CC, CCS, SL, SLP), RF290/P, RF300, RF310, RF330F, RF390, RF440 (CC, CCS, SL, SLP), RF500, RF510, RF640 (CC, CCS), RF690, RF1000, RF1020 (.1, SI), RF2000, RF2020 (.1, SI)...	
	C445.792	N/A	Charmilles Float Switch	RF240 (CC, CCS, SL, SLP), RF440 (CC, CCS, SL, SLP), RF2020SI, RF2030SI/-TW, RF4020SI, RF4030SI/-TEW, RF6020SI, RF6030SI/-TW	135015151
(Image Coming Soon)	C257020	N/A	Pump for Charmilles RF31 Dielectric Oil	RF310	
(Image Coming Soon)	C441.709	N/A	Charmilles PVC Tube Short	RF100, RF200, RF400, RF600	
(Image Coming Soon)	C135010665	N/A	Threading Tube for Charmilles	RF240, RF440CC/SL	
(Image Coming Soon)	C206204860	N/A	Threading Tube For Charmilles	RF4030SI	
(Image Coming Soon)	C447.061	N/A	Charmilles Sleeve Threading Tube	RF290/P, RF300, RF310, RF500, RF510	

*Additional parts available upon request.

PARTS

PICTURE	PART #	SIZE (MM)	DESCRIPTION	MACHINE MODEL	ORIGINAL PART #
	C543.722	N/A	Charmilles Lead-in Tube to Cutter (Whistle)	RF230F, RF240 (CC, CCS, SL, SLP), RF330F, RF440 (CC, CCS, SL, SLP), RF640CC/CCS	
(Image Coming Soon)	C431.482.0	N/A	Charmilles Pin With Tube	RF230F, RF240 (CC, CCS, SL, SLP), RF290/P, RF310, RF330F, RF390, RF440 (CC, CCS, SL, SLP), RF510, RF640CC/CCS	
(Image Coming Soon)	C432.980	N/A	Charmilles Holder For Threading Tube	RF310/F, RF510/P	
(Image Coming Soon)	C135010092	N/A	Charmilles Re-threading Module	RF190, RF230F, RF240 (CC, CCS, SL, SLP), RF290/P, RF310/F, RF330F/P, RF290, RF440 (CC, CCS, SL, SLP), RF510 (F,P), RF640CC/CCS, RF690, RF1020 (.1, SI), RF2020 (.1, SI), RF6020SI...	
(Image Coming Soon)	C431.517.0	N/A	Charmilles Cutting Module Complete	RF290/P, RF300, RF310, RF500, RF510, RF1000, RF1020 (.1, SI), RF2020 (.1, SI), RF4020 (.1, SI), RF6000, RF6020 (.1, SI)	
	C135001012	N/A	Charmilles Cutter / Splitter	RF230F, RF240 (CC, CCS, SL, SLP), RF330F, RF440 (CC, CCS, SL, SLP), RF640CC/CCS	
	C445.990	N/A	Charmilles Ceramic Counter Cutter	RF100, RF190, RF200, RF230F, RF290/P, RF300, RF310, RF330F, RF400, RF500, RF510, RF600, RF1020 (.1, SI), RF2020 (.1, SI), RF4020 (.1, SI), RF6020 (.1, SI)	
	C448.792	N/A	Charmilles Cutter	RF100, RF190, RF200, RF230F, RF290/P, RF300, RF310, RF330F, RF400, RF500, RF510, RF600, RF1020 (.1, SI), RF2020 (.1, SI), RF4020 (.1, SI), RF6020 (.1, SI)	
(Image Coming Soon)	C641.639	N/A	Charmilles Counter Cutter	RF2030SI/-TW, RF2050TW, RF4030SI/-TW, RF6030SI-TW, RF6050TW	
	C434.447	N/A	Charmilles Wire Cutter Knife Mill	RF230F, RF240 (CC, CCS, SL, SLP), RF330F, RF440 (CC, CCS, SL, SLP), RF640CC/CCS	

*Additional parts available upon request.

PARTS

PICTURE	PART #	SIZE (MM)	DESCRIPTION	MACHINE MODEL	ORIGINAL PART #
(Image Coming Soon)	C135009479	N/A	Charmilles Whistle For Cutter	RF230F, RF240 (CC, CCS, SL, SLP), RF330F, RF440 (CC, CCS, SL, SLP), RF640CC/CCS	
(Image Coming Soon)	C135009480	N/A	Barrel For Cutter On Charmilles WEDM (Knife Guide)	RF230F, RF240 (CC, CCS, SL, SLP), RF330F, RF440 (CC, CCS, SL, SLP), RF640CC/CCS	
(Image Coming Soon)	C442.922	N/A	Charmilles Holder Cutter Plate	RF100, RF200, RF400, RF600	
(Image Coming Soon)	C641.638	N/A	Charmilles Ceramic Chopper	RF2030SI/-TW, RF2050TW, RF4030SI/-TW, RF6030SI/-TW, RF6050TW	
(Image Coming Soon)	C135009529	N/A	Charmilles Chamber Wire Removal	RF230F, RF240 (CC, CCS, SL, SLP), RF330F, RF440 (CC, CCS, SL, SLP), RF640CC/CCS	
(Image Coming Soon)	C135000034	N/A	Charmilles Frame For AgieCharmilles	CUT 200 (MS, SP), RF230F, RF240 (CC, CCS, SL, SLP)	
(Image Coming Soon)	C135006773	N/A	Charmilles Guide Rail	RF230F, RF240 (CC, CCS, SL, SLP)	
(Image Coming Soon)	C200970625	N/A	Refurbished Console 2 (Raised) Keyboard Assembly		
(Image Coming Soon)	C130004942	N/A	Charmilles Shaft	RF190, RF290/P, RF300, RF310, RF390, RF500, RF510, RF690	
(Image Coming Soon)	C432.352	N/A	Charmilles Drive Shaft	RF300, RF310, RF500, RF510	
(Image Coming Soon)	C641.003	N/A	Charmilles Cam Lever Ceramic	RF2030SI/-TW, RF2050TW, RF4030SI/-TW, RF6030SI/-TW	

*Additional parts available upon request.

PARTS

PICTURE	PART #	SIZE (MM)	DESCRIPTION	MACHINE MODEL	ORIGINAL PART #
(Image Coming Soon)	C641.317	N/A	Charmilles Pulley Assembly	RF2030SI/-TW, RF2050TW, RF4030SI/-TW, RF6030SI/-TW	
	C444.674	N/A	Charmilles Axle For Lower Roller	RF1030, RF2030SI/-TW, RF2050TW, RF4030SI/-TW, RF6030SI/-TW, RF6050TW	
(Image Coming Soon)	C445.333	N/A	Charmilles Axle For Rollers	RF100, RF200, RF400, RF600	
(Image Coming Soon)	C445.918.0	N/A	Charmilles Movable Axis	RF1020 (.1, SI), RF2020 (.1, SI), RF4020 (.1, SI), RF6020 (.1, SI)	
(Image Coming Soon)	C444.693	N/A	Charmilles Roller Brake	RF1000, RF1020, RF2000, RF4000, RF6000	
	C433.832	N/A	Charmilles Brake Wire Tension		
(Image Coming Soon)	C130003263	N/A	Charmilles Sleeved Hexagonal Wafer	RF190, RF290/P, RF300, RF310, RF390, RF500, RF510, RF690	
(Image Coming Soon)	C135009224	N/A	Charmilles Actuator	RF240 (CC, CCS, SL, SLP), RF440 (CC, CCS, SL, SLP)	
(Image Coming Soon)	C420.567	N/A	Charmilles Insert	RF100, RF200, RF400, RF600	
(Image Coming Soon)	C431.837	N/A	Charmilles Plate For Arm Tank Seal	RF400, RF4020 (.1, SI), RF4030SI	
(Image Coming Soon)	C542.125	N/A	Charmilles Rubber Gasket	RF290/P, RF300, RF310, RF500, RF510/P	

*Additional parts available upon request.

PARTS

PICTURE	PART #	SIZE (MM)	DESCRIPTION	MACHINE MODEL	ORIGINAL PART #
(Image Coming Soon)	C544.154	N/A	Charmilles Stator	RF240 (CC, CCS, SL, F SLP), RF440 (CC, CCS, F, SL, SLP), RF640CC/CCS	
(Image Coming Soon)	C544.155	N/A	Charmilles Rotor	RF240 (CC, CCS, SL, F SLP), RF440 (CC, CCS, F, SL, SLP), RF640CC/CCS	
(Image Coming Soon)	C544.151	N/A	Charmilles Spacer		
(Image Coming Soon)	C542.916	N/A	Charmilles Spacer		
	C135005497	N/A	Charmilles Grease Blasolube in a 400g Cartridge		
(Image Coming Soon)	C447.470	N/A	Charmilles Grease Blasolube in a 250g Tube		
	C449.142	N/A	Charmilles Grease Blasolube	RF190, RF230F, RF290/P, RF300, RF310, RF330F, RF500, RF510	
(Image Coming Soon)	C135006130	1300 MM	Charmilles Twincable Lower Head	RF440CC/CCS	
(Image Coming Soon)	C461.797.0	N/A	Charmilles Repair Kit For Lower Head	RF290/P, RF300, RF310, RF500, RF510	
(Image Coming Soon)	C432.505	N/A	Charmilles Distribution Block Empty	RF290, RF300, RF310/F, RF330F, RF500, RF510	
(Image Coming Soon)	C432.517.0	N/A	Charmilles Distribution Manifold	RF290, RF300, RF310/F, RF330F, RF500, RF510	

*Additional parts available upon request.

PARTS

PICTURE	PART #	SIZE (MM)	DESCRIPTION	MACHINE MODEL	ORIGINAL PART #
(Image Coming Soon)	C445.214.0	N/A	Charmilles Pin Spanner For Distribution Module		
(Image Coming Soon)	C135009544	N/A	Charmilles V-guide	RF230F, RF240 (CC, CCS, SL, SLP), RF330F, RF440 (CC, CCS, SL, SLP)	
(Image Coming Soon)	C441.727	N/A	Charmilles Sleeve Guide		
(Image Coming Soon)	C434.584	N/A	Charmilles Guide Holder	RF240 (CC, CCS, SL, SLP), RF440 (CC, CCS, SL, SLP), RF640CC/CCS	
	C444.735.0	N/A	Charmilles Sapphire Sub Assembly		
(Image Coming Soon)	C135009516	N/A	Charmilles Sapphire Holder		
(Image Coming Soon)	C449.385	N/A	Butt For Threading Tube/ Tip Sapphire Holder Annealing ASSY SPW		
(Image Coming Soon)	C460.727.0	N/A	Charmilles Kit Upper Machining Contact		
(Image Coming Soon)	C460.731.0	N/A	Charmilles Kit Sandwich (Seal Rebuild Kit)		

*Additional parts available upon request.

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