

# Charmilles

## Air filter

Picture	Sedex No.	Original P/No.	Description	Application
	<b>CAF01</b>	100992004	Air filter for generator 373x497x20mm	RFI 100. 200. 400. 600
	<b>CAF02</b>	108732900	Air filter for generator 210x275x20mm	RFI 500. 510
	<b>CAF03</b>	108626140	Air filter for generator 315x450x20mm	RFI 040. 300. 310. 500. 510
	<b>CAF04</b>	108626260	Air filter for generator 275x500x20mm	RFI 040. 300. 310. 500. 510
	<b>CAF05</b>	200992004	Air filter for generator 373x497x20mm	RFI1020. 2020. 4020. 6020 Ref : 100992007
	<b>CAF06</b>	200992007	Air filter for generator 248x497x20mm	RFI1020. 2020. 4020. 6020 Ref : 100992007
	<b>CAF07</b>	200992009	Air filter 5pcs/set	RFI1020. 2020. 4020. 6020 Ref : 100992009
	<b>CAF08</b>	200999164	Air filter	---
	<b>CAF09</b>	---	Air filter for generator 320x330mm	---

# Charmilles

## Bearing

Picture	Sedex No.	Original P/No.	Description	Application
 	<b>CBE01</b>	100342975	Bearing	RFI X000 Ref : Pulley 104448190
 	<b>CBE02</b>	100444600	Lower head Φ28x12x8H	RFI X00. X10. X0X0 Ref : SS6001LLU-2RS. F502 Ref : Pulley 104315060
 	<b>CBE03</b>	100444654	Ball bearing	RFI X00. X10 Ref : 608-2RS. M422
 	<b>CBE04</b>	100448190	Bearing	RFI X00
 	<b>CBE05</b>	100448573	Bearing	RFI 290. 3X0. 5X0
 	<b>CBE06</b>	100448617	Bearing Φ32x15x9H	RFI X0X0.1.SI Ref : SS6002ZZ
 	<b>CBE07</b>	109400303	Bearing Φ22x8x7H	RFI 290. 290F. X00. 3X0 Ref : SS608ZZ
 	<b>CBE08</b>	109400304	Bearing	RFI X00. 3X0 U
 	<b>CBE09</b>	109400308	Bearing Φ26x10x8H	RFI 290. 290F. X00 Ref : SS6000ZZ
 	<b>CBE10</b>	109400350	Ball bearing	
 	<b>CBE11</b>	109400351	Ball bearing	
 	<b>CBE12</b>	109400352	Bearing	RFI 3XX. 5XX W608-2Z TCL #643
 	<b>CBE13</b>	130004825	Ball bearing	
	<b>CBE14</b>	135010088	Ball bearing	RFI X040
	<b>CBE15</b>	135014820	Ball bearing	Ref : 535020857

# Charmilles

## Bearing

Picture	Sedex No.	Original P/No.	Description	Application
	<b>CBE16</b>	200257246	Bearing 2 rows of Vis balls	---
	<b>CBE17</b>	200342975	Ball bearing	
	<b>CBE18</b>	200543925	Bearing plate	---
	<b>CBE19</b>	321004103	Bearing of sreel wheel D60026 6x19x6	
	<b>CBE20</b>	321004104	Bearing NSK 696ZZ 1MC2E 6x15x5	
	<b>CBE21</b>	321014080	Bearing cut20 6004Z HRB	













# Charmilles

## Cable

Picture	Sedex No.	Original P/No.	Dimension	Position	Application
	CCA01	100432528	L=1100mm	Lower	RFI 3X0 Machine cable
	CCA02	100446736	9 x 70mm	Ground cable	RFI 3X0. 5X0
	CCA03	100448328	15 x 500mm	Ground cable	RFI 5X0
	CCA04	100942007	15 x 200mm	Ground cable	RFI 3X0. 5X0 Ref : 200.924.007
	CCA05	100942008	15 x 300mm	Ground cable	RFI X40F (4x) Ref : 200.924.008
	CCA06	100942009	15 x 200mm	Ground cable	RFI 3X0. 5X0 Ref : 200.924.009
	CCA07	130005860		Lower	----
	CCA08	130010461	L=2000mm	Upper head cable	RFI 690
	CCA09	130010462	L=2450mm	Ground cable	RFI 690
	CCA10	135000172	L=900mm	Cable 0.26kg	RFI 230. 240CC
	CCA11	135000217		Power supply	RFI 230. 240CC =135006131
	CCA12	135002149		Cable assy	RFI 440CC
	CCA13	135006130	L=1300mm	Lower head	RFI 440CC Twincable
	CCA14	135006123	L=1520mm	Power cable	RFI 240--
	CCA15	135006131	L=850mm	Lower cable	RFI 240CC Ref : 135000217
	CCA16	135008469	20x400mm	Flat belt LG 0.01kg	---
	CCA17	135016871	20x400	Flat belt W8	---
	CCA18	135020845	20x3250	Flat belt W16	---
	CCA19	200330790	L=530mm	Common	RFI 100
	CCA20	200330791	L=750mm	Common	CH 552. RFI 200

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## Cable

Picture	Sedex No.	Original P/No.	Dimension	Position	Application
	CCA21	200430312		Belt U channel CF400	---
	CCA22	200430998	L=650mm	Ground cable	RFI 200. 4020. 4030
	CCA23	200430999	L=850mm 2x2-5qmm	Common	RFI 400
	CCA24	200431213	L=950mm	Common	RFI 600 4pcs/set
	CCA25	200431376	L=1200mm	Upper left	RFI 600
	CCA26	200431870	L=800mm	Lower	RFI 6020. 6030
	CCA27	200431871	L=450mm	Lower	RFI 2000. 2020
	CCA28	200433309	L=2000mm	Upper	RFI 500. 510
	CCA29	200433310	L=1450mm	Lower	RFI 500. 510
	CCA30	200433564		Lower braid	RFI 1020. 2020. 2030
	CCA31	200445494	L=950mm	Upper left	RFI 2000
	CCA32	200445495	L=700mm	Upper right	RFI 2000
	CCA33	200445496	L=1150mm	Ground braid	RFI 4000
	CCA34	200445498	L=1300mm	Ground cable	RFI 4000
	CCA35	200445499	L=1050mm	Ground cable	RFI 4000
	CCA36	200445594	L=950mm	Upper Right	---
	CCA37	200445595	L=700mm	Upper left	---
	CCA38	200448421	15 x 200mm	Upper	---












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## Cable

Picture	Sedex No.	Original P/No.	Dimension	Position	Application
	<b>CCA39</b>	200942009	15 x 200mm	Common	RFI 3X0. 5X0
	<b>CCA40</b>	200970335		Upper	RFI 230/290/310/590F. X000
	<b>CCA41</b>	204344650		Upper cable	RFI 330F
	<b>CCA42</b>	204431871	L=450mm	Ground cable	RFI 2000. 2020
	<b>CCA43</b>	204462160	L=950mm	Upper left	RFI 1020. 2020. 2030
	<b>CCA44</b>	204462170	L=700mm	Upper right	RFI 1020. 2020. 2030
	<b>CCA45</b>	204462180	L=1150mm	Upper left	RFI 4020. 4030
	<b>CCA46</b>	204462190	L=875mm	Upper right	RFI 4020. 4030
	<b>CCA47</b>	204462200	L=1300mm	Upper left	RFI 6020. 6030
	<b>CCA48</b>	204462210	L=1050mm	Upper right	RFI 6020. 6030
	<b>CCA49</b>	204464740		Contact braid	RFI 3X0. 5X0. 1020M Replaced by CCA44
	<b>CCA50</b>	204476280		Contact braid W-module	RFI X40F. X100. X0000. X0X0 SI
	<b>CCA51</b>	205432750		Lower power cable	
	<b>CCA52</b>	208551200		Cable	
	<b>CCA53</b>	208568970		Cable cap sense F1290/F13X0 CSL	
	<b>CCA54</b>	208586520		Upper front cable 0.312kg	
	<b>CCA55</b>	333019380		Low cable collector	
	<b>CCA56</b>	336016132		Belt work tank Cut20/30 0.01kg	
	<b>CCA57</b>	381507199	L=600mm	Upper headcable Cut20	







# Charmilles

## Conveyor belt

Picture	Sedex No.	Original P/No.	Dimension	Application
	<b>CCB01</b>	100446880	Spool drive 0.7x20x400mm	RFI 3X0. 5X0. X30 F. X40 F
	<b>CCB02</b>	100447506	Brake belt 0.7x20x640mm	RFI X10. X90. X020. X30 F. X40 F
	<b>CCB03</b>	135008141	0.7x20x3940mm	RFI X050
	<b>CCB04</b>	200340780	0.7x15x450mm	CH452. 552
	<b>CCB05</b>	200340781	0.7x15x3000mm	F40. F40R. F45. F45R
	<b>CCB06</b>	200341182	0.7x15x3050mm	---
	<b>CCB07</b>	200341253	0.7x15x3250mm	---
	<b>CCB08</b>	200341373	0.7x15x3350mm	F50
	<b>CCB09</b>	200341408	0.7x15x3100mm	---
	<b>CCB10</b>	200341805	0.7x15x3150mm	F431
	<b>CCB11</b>	200341806	0.7x15x3300mm	---
	<b>CCB12</b>	200342211	0.7x15x5040mm	CH452
	<b>CCB13</b>	200342212	0.7x15x5600mm	CH552
	<b>CCB14</b>	200342403	0.7x15x4580mm	---
	<b>CCB15</b>	200342404	0.7x15x5180mm	F532
	<b>CCB16</b>	200440864	0.7x15x3030mm	RFI 200
	<b>CCB17</b>	200441192	0.7x15x3560mm	RFI 400. 600
	<b>CCB18</b>	200441949	Hight extension 2pcs/set	RFI 200
	<b>CCB19</b>	200442546	0.7x15x2600mm	RFI 100
	<b>CCB20</b>	200442937	0.7x20x730mm	RFI 200

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## Conveyor belt

Picture	Sedex No.	Original P/No.	Description	Application
	<b>CCB21</b>	200442938	0.7x20x5250mm	RFI 2000. 4000. 6000
	<b>CCB22</b>	200445040	Belt wire EVAC 0.7x20x485mm	RFI 2030 4030 6030
	<b>CCB23</b>	200445182	0.7x20x485mm	RFI 2030 4030 6030
	<b>CCB24</b>	200445231	0.7x20x540mm	RFI 2000. 4000. 6000 RFI 2020. 4020. 6020
	<b>CCB25</b>	200445232	0.7x20x720mm	RFI 2000. 4000. 6000 RFI 2020. 4020. 6020
	<b>CCB26</b>	200447768	0.7x20x5250mm	RFI 2020. 4020. 6020
	<b>CCB27</b>	200447769	0.7x20x720mm	RFI 2020. 4020. 6020
	<b>CCB28</b>	200447805	Spool drive 0.7x20x485mm	RFI 1020M. X030 Reolaced by 445182
	<b>CCB29</b>	200447806	Brake belt 0.7x20x675mm	RFI 1000. 1020 Replaced by 444966
	<b>CCB30</b>	200542408	Brake belt 0.7x20x750mm	RFI X0X0 SI
	<b>CCB31</b>	200640664	0.7x20x3520mm	RFI 2030
	<b>CCB32</b>	200640665	Wire evacuation	RFI 4030. 6030
	<b>CCB33</b>	200641127	Drive belt L=595mm	RFI 2030. 4030. 6030
	<b>CCB34</b>	204445040	Wire evacuation 0.7x20x5250mm	RFI 2000. 4000. 6000 RFI 2020. 4020. 6020
	<b>CCB35</b>	204445182	Drive belt 0.7x20x485mm	RFI 2030. 4030. 6030
	<b>CCB36</b>	204445232	0.7x20x720mm	RFI 1020. 2020. 4020. 6020
	<b>CCB37</b>	204616300	Conveyer belt kit	RFI 2000. 4000. 6000 RFI 2020. 4020. 6020
				



# Charmilles

## Cutter

Picture	Sedex No.	Original P/No.	Description	Application
	<b>CCT01</b>	100434447	Cutter Z16 Φ30xΦ12x6T	RFI X30 F. X40 F
	<b>CCT02</b>	100434447	Cutter Z16 Φ30xΦ12x6T	RFI X30 F. X40 F <b>TIN coated CCT01</b>
	<b>CCT03</b>	100445990	Counter cutter	RFI X00. 3X0. 5X0. X020. X30 F. X40 F For CCT07
	<b>CCT04</b>	100448812	Cutter blade Φ2.5mm	RFI X020. 1 SI
	<b>CCT05</b>	135001012	Counter cutter Φ8.0xΦ2.0x14mm	RFI X30 F. X40 F Old no. : 200542998
	<b>CCT06</b>	135001012	Counter cutter Φ8.0xΦ2.0x14mm	RFI X30 F. X40 F Old no. : 200542998 <b>TIN coated CCT05</b>
	<b>CCT07</b>	135013556 135018956	knife <b>8 teeth</b> H1N Φ50/38 knife <b>6 teeth</b> H1N Φ50/38	RFI 640CC 640CCS 
	<b>CCT08</b>	135013557	Cutter D4.8x14 H1N	---
	<b>CCT09</b>	135018665	Carbide knife	---
	<b>CCT10</b>	200448792	Cutter Φ9.0x4.1mm	RFI X00. 3X0. 5X0. X020. X30 F. X40 F <b>Tungsten carbide</b> of CCT03.18, CVR19.59
	<b>CCT11</b>	200448792	Cutter Φ9.0x4.1mm	RFI X00. 3X0. 5X0. X020. X30 F. X40 F <b>Ceramic cutter</b> of CCT03.18, CVR19.59
	<b>CCT12</b>	200641638	Chopper	RFI X030. X030SI. X030TW. X030SI-TW <b>Ceramic knife</b>
	<b>CCT13</b>	200641638	Chopper	RFI X030. X030SI. X030TW. X030SI-TW <b>Tungsten carbide knife</b>
	<b>CCT14</b>	200641639	Counter cutter	RFI X030. X030SI. X030TW. X030SI-TW
	<b>CCT15</b>	332014096	Wire evacuation blade Cut20/30	
	<b>CCT16</b>	333016427	Cut 20 / Deflector	---
	<b>CCT17</b>	333029093	Guide strip	---

# Charmilles

## Electric part

Picture	Sedex No.	Original P/No.	Description	Application
	<b>CEP01</b>	100432304	Safety swich FI290-3XO-5XO-330	
	<b>CEP02</b>	100432305	Safety swich	
	<b>CEP03</b>	100445792	Float level switch	RFI X00 Re : 200445792
	<b>CEP04</b>	100970309	Disc drive 3.5"	RFI RF0
	<b>CEP05</b>	100999065	Fan	RFI X00 F. X020
	<b>CEP06</b>	135002211	Pressure sensor	
	<b>CEP07</b>	135015151	Float level switch	Replaced by 100445792
	<b>CEP08</b>	200445395	Micro switch	RFI 230/290/310/590F
	<b>CEP09</b>	200991243	DISJ-3P 20 25A IM300A 1NO 1NC	
	<b>CEP10</b>	200999100	Fan	RFI 3X0F
	<b>CEP11</b>	208571820	Battery assy For UA+SAL	
	<b>CEP12</b>	208572110	Power supply	---
















# Charmilles

## Fastener

Picture	Sedex No.	Original P/No.	Description	Application
	<b>CFA01</b>	100340805	Washer schnorr	Re : 135009533
	<b>CFA02</b>	100432545	Clamp nut upper Φ14.5xΦ2.5x11H	RFI 190
	<b>CFA03</b>	100444577	Disc spring	RFI 310F
	<b>CFA04</b>	100444671	Socket head screw M4x12	
	<b>CFA05</b>	100444744	Clamp nut upper Φ14.5xΦ3.4x11H	RFI X10. 290. 390. 690
	<b>CFA06</b>	100444760	Clamp nut Lower Φ14.5xΦ1.6x11H	RFI X10. 190. 390. 690
	<b>CFA07</b>	100445139	Nut terminal upper head	RFI 230/290/310/590F
	<b>CFA08</b>	100446324	Washer D22/8x16	
	<b>CFA09</b>	100446374	Disk spring 10x5.2x0.25mm	RFI X10
	<b>CFA10</b>	100446378	Spacer D12/8x13	
	<b>CFA11</b>	100446493	Screw upper contact	RFI 3X0. 5X0. 1000. X020.1
	<b>CFA12</b>	100446555	Stainless pin	RFI 230/290/310/590F. X000
	<b>CFA13</b>	100448497	Washer	
	<b>CFA14</b>	100542728	Centering washer d7.8/5.1xT5.0/3.0	
	<b>CFA15</b>	109044029	Screw M4x12mm	RFI X00

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## Fastener

Picture	Sedex No.	Original P/No.	Description	Application
 SEDEX	<b>CFA16</b>	109044048	Screw M4x8mm	RFI 230/290/310/590F
 SEDEX	<b>CFA17</b>	109044060	Screw M3x6mm	
 SEDEX	<b>CFA18</b>	109044126	Screw T6P M4x12	
 SEDEX	<b>CFA19</b>	109044130	Screw	RFI 440
 SEDEX	<b>CFA20</b>	109045452	Set pan HD SS MIN4x5 CF	
 SEDEX	<b>CFA21</b>	109045453	Set screw socket T6P M6x10	
 SEDEX	<b>CFA22</b>	109045457	VIS Sans Tete T6P M4x8	
 SEDEX	<b>CFA23</b>	109045458	Set screw hexagon socket M5x8	
 SEDEX	<b>CFA24</b>	109045483	Set screw T6P M3x3	
 SEDEX	<b>CFA25</b>	109045484	Set screw M3x2.5	
 SEDEX	<b>CFA26</b>	109069052	Camloc insert M4x0.7	
 SEDEX	<b>CFA27</b>	109077030	Coated Nut M5 0.001kg	
 SEDEX	<b>CFA28</b>	109202183	Washer D18x6.4x1.6	
 SEDEX	<b>CFA29</b>	109202311	Washer D10/5.3x1T	
 SEDEX	<b>CFA30</b>	109225225	Circlips D33/27.8x1.46T	

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## Fastener

Picture	Sedex No.	Original P/No.	Description	Application
	<b>CFA31</b>	109227011	Retaining ring INT. 22	
	<b>CFA32</b>	130003235	Washer spring pinch roller shaft tim head	
	<b>CFA33</b>	130003241	Spacer pinch roller shaft tim head	
	<b>CFA34</b>	130003242	Ring retain pinch roller shaft tim head	
	<b>CFA35</b>	130003263	Sleeved hexago wafer	
	<b>CFA36</b>	130005464	Nut for wire guide	RFI X030 TW
	<b>CFA37</b>	135001191	Holder nut	RFI 330. X40. X40CC
	<b>CFA38</b>	135001194	Clamp nut	RFI 330. X40
	<b>CFA39</b>	135006059	Nut for taper expert	---
	<b>CFA40</b>	135006269	Nozzle nut	RFI X030
	<b>CFA41</b>	135006394	Locking nut	---
	<b>CFA42</b>	135007684	Nut upper	
	<b>CFA43</b>	135011830	Nozzle nut prestige	
	<b>CFA44</b>	135014381	Nut	
	<b>CFA45</b>	135014591	Nut kit	---

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## Fastener

Picture	Sedex No.	Original P/No.	Description	Application
 SEDEX	<b>CFA46</b>	135016833 135012113	Screw spacer	Re : 135012113
 SEDEX	<b>CFA47</b>	200442870	Clamp nut upper Φ14.5xΦ3.5x11H	RFI 100. 200. 400. 600
 SEDEX	<b>CFA48</b>	200442871	Clamp nut lower Φ14.5xΦ1.6x11H	RFI 100. 200. 400. 600
 SEDEX	<b>CFA49</b>	200443211	Brass Screw M5	RFI 100. 200. 400. 600
 SEDEX	<b>CFA50</b>	200443409	Washer	RFI X00. 4020 For wire guide lower
 SEDEX	<b>CFA51</b>	200443964	Screw for current supply	RFI 100. 200. 400. 600
 SEDEX	<b>CFA52</b>	200443965	Nut for current supply	RFI 100. 200. 400. 600
 SEDEX	<b>CFA53</b>	200447610	Rondelle cuvette D16/5.3x2.8T, 10pcs/set	
 SEDEX	<b>CFA54</b>	200447770	Circlips D=8	
 SEDEX	<b>CFA55</b>	200448671	Clamp nut lower Φ14.5xΦ1.7x11H	RFI X020 1. X030. X030 TW
 SEDEX	<b>CFA56</b>	200448672	Clamp nut upper Φ14.5xΦ3.5x11H	RFI X020. X030 SI. X40. X40CC
 SEDEX	<b>CFA57</b>	200542659	Bague D'Arret D16/8x8T	
 SEDEX	<b>CFA58</b>	200542729	Centrage D12x5.1Hx7.8	
 SEDEX	<b>CFA59</b>	200542918	Clamp nut upper head Φ14.5xΦ3.5x16H	RFI 230. 330. 330F. 390. 690 Ref : 200543904
 SEDEX	<b>CFA60</b>	200542923	Screw	---
 SEDEX	<b>CFA61</b>	200542925	Washer	RFI X30. X40. X40CC

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## Fastener

Picture	Sedex No.	Original P/No.	Description	Application
 	<b>CFA62</b>	200543336	Entetoise D10/4x13.5T	
 	<b>CFA63</b>	200543839	Plaque 26Lx18Wx13H	
 	<b>CFA64</b>	200630798	Ecrou schraubable nut	---
 	<b>CFA65</b>	200640091	Guide	RFI 2030SI. 4030SI. 6030SI
 	<b>CFA66</b>	209042114	Vis Tete CYL 6P Bolt M2x8	
 	<b>CFA67</b>	209044036	Hex socket button head screw M5x10	
 	<b>CFA68</b>	209045451	Set screw M4x10 5pcs/set	Re : 109212117
 	<b>CFA69</b>	209046460	Screw M3x5	
 	<b>CFA70</b>	209203509	Spring washer D7/4x1.0T	
 	<b>CFA71</b>	209212117	Goupille YL d3x8Hx10	
 	<b>CFA72</b>	209227218	VIS TETE base CYL M3x6	---
 	<b>CFA73</b>	209461471	VIS S TETE T6P Pointe M6x25	Re : 109461471
 	<b>CFA74</b>	325018137	Washer Cut 20	
 	<b>CFA75</b>	333011882	Arm tank ring Cut20	
 	<b>CFA76</b>	333011883	Nut	
 	<b>CFA77</b>	333011884	Arm tank ring Cut20	
 	<b>CFA78</b>	500901347	Washer D9/4.3x0.8T 10pcs/set	Re : Old no 109202310

# Charmilles

## Filter

Picture	Sedex No.	Original P/No.	Description	Application
 SEDEX	<b>CFL01</b>	100249246	Oil filter Φ65x250mm	RFI FL-5 Erosion EDM layer type
 SEDEX	<b>CFL02</b>	100340820 135009681	Micro250A/B Φ65x250mm	RFI series Ref : 135015401= white color
 SEDEX	<b>CFL03</b>	100343117	Mann & Hummel Φ150x365mm	RFI series Ref : H15190/14. H15190/16
 SEDEX	<b>CFL04</b>	100449033	Mesh filter 0.10	
 SEDEX	<b>CFL05</b>	130004983	Micro filter	RFI series
 SEDEX	<b>CFL06</b>	135009225	Mann & Hummel	RFI series
	<b>CFL07</b>	135009420	Filter housing complete	---
 SEDEX	<b>CFL08</b>	135010208	Filter housing complete	---
	<b>CFL09</b>	135007110	Mann & Hummel Ultra C. OD340x300mm	RFI series Ref : H341070
 SEDEX	<b>CFL10</b>	326021183	Separator filter	---
	<b>CFL11</b>	327015163	Ceramic filter OD60x122/178mmmm	Ref : 327022455
	<b>CFL12</b>	332506371	Air filter 582x380x11mm	---
 SEDEX	<b>CFL13</b>	332507830	Form 20 generator filter 680Lx430Wx90mmH	---
	<b>CFL14</b>	600010805	Fine filter cartridge pall ME3310CPR13H	Ref : .610015624
	<b>CFL15</b>	662060135	Mann & Hummel Φ260xΦ29x340mm	RFI series Ref : 262.060.135
 SEDEX	<b>CFL16</b>	909053250	Mann & Hummel Φ340x450mm	RFI 240/440/L..CC H341.158 / 341.790 / 342.240 Ref : 209.053.250



# Charmilles

## Geared belt

Picture	Sedex No.	Original P/No.	Description	Application
	<b>CGB01</b>	100257015		RFO 30. 31. 35
	<b>CGB02</b>	100445001		RFI 290/310/590F. X000
	<b>CGB03</b>	100446352	Spool drive	RFI 310. 510
	<b>CGB04</b>	100446494		RFI 290. 300. 310. 500 .510
	<b>CGB05</b>	100446544	Y & V axis	RFI 300. 310
	<b>CGB06</b>	100446545	X, U & V axis	RFI3X0F
	<b>CGB07</b>	100447221		RFI 290/310/590F
	<b>CGB08</b>	100447708	X & U axis	RFI290. 300. 310
	<b>CGB09</b>	130000276	Notched belt	RFI 190
	<b>CGB10</b>	130005413		RFI 2000. 4000. 6000
	<b>CGB11</b>	200440039	Wire evacuation	RFI 290 AWF. X00
	<b>CGB12</b>	200440086	Notched belt XYZ axis	RFI 20X0
	<b>CGB13</b>	200441279	XYZ axis	RFI 330F
	<b>CGB14</b>	200444279		---
	<b>CGB15</b>	200444581	Notched belt	---
	<b>CGB16</b>	200444665	Wire evacuation	RFI X00
	<b>CGB17</b>	200444790	Wire evacuation	RFI 1000. 1020.1
	<b>CGB18</b>	200447945	HTD 513-3m-15	RFI 330. 510
	<b>CGB19</b>	200447946	HTD 804-3m-15	RFI 330F. 510F
	<b>CGB20</b>	200447960	V motor belt	RFI 290

# Charmilles

## Geared belt

Picture	Sedex No.	Original P/No.	Description	Application
	<b>CGB21</b>	200542821	HTD 306	RFI 330F
	<b>CGB22</b>	200543463		RFI X30F. X40F
	<b>CGB23</b>	200544059		RFI 330F
	<b>CGB24</b>	200444994		
	<b>CGB25</b>	200445001		
	<b>CGB26</b>	200640885		
	<b>CGB27</b>	336010919		
	<b>CGB28</b>	336014579		
	<b>CGB29</b>	336019523		

# Charmilles

## Geared wheel

Picture	Sedex No.	Original P/No.	Description	Application
 	<b>CGW01</b>	100446365	Crimp gear wheel Φ35.9x28L	RFI 3X0. 5X0. 390. 690
 	<b>CGW02</b>	100447762	Geared wheel	RFI 3X0. 5X0
 	<b>CGW03</b>	100447763	Geared wheel	RFI 290/310/590F
 	<b>CGW04</b>	100447764	Geared wheel OD51xID8xT13/8mmH	RFI 3X0. 5X0
 	<b>CGW05</b>	100447765	Geared wheel OD35.7xID8x7mmT	RFI 3X0. 5X0
 	<b>CGW06</b>	100542866	Gear pinch roller drive OD41.7xID12x5mmT	RFI 330F
 	<b>CGW07</b>	104434490	Gear wire motor	RFIX00. 1000. 1020. 1020. 1
 	<b>CGW08</b>	104441400	Gear wire motor	
 	<b>CGW09</b>	130003223	Geared wheel	RFI 390
 	<b>CGW10</b>	130003227	Crimp gear wheel	---
 	<b>CGW11</b>	130003228	Geared wheel	---
 	<b>CGW12</b>	130003229	Geared wheel D38.9xID12x12mmT	RFI 390
 	<b>CGW13</b>	130003232	Geared wheel	RFI 290P
 	<b>CGW14</b>	130003361	Gear for pinch roller	---
 	<b>CGW15</b>	130003842	Pulley HTD 21-3M-15 D=12	---
 	<b>CGW16</b>	135014869	ASS ring pulley GT 3MR Z22 D26/20x19/12x27T	
 	<b>CGW17</b>	200342894 100342894	Wire evacuation cil.	RFI 100. 200. 400. 600
 	<b>CGW18</b>	200431448 100431448	Wire evacuation con.	RFI 100. 200. 400. 600

# Charmilles

## Geared wheel

Picture	Sedex No.	Original P/No.	Description	Application
 	<b>CGW19</b>	200542663	Geared bush	RFI 330F
 	<b>CGW20</b>	200542800	Coupling covering	RFI 330F
 	<b>CGW21</b>	200543466	Pulley Z38 GT 3MR 38.2/35/6/25x12x30.3T	
 	<b>CGW22</b>	200543465	Pulley Z44 GT 3MR 41.3/36x12x24T	
 	<b>CGW23</b>	200543467	Pignon Z50 GT 3MR 47/25x27/6x22T	
 	<b>CGW24</b>	200640781	Geared wheel	
 	<b>CGW25</b>	333005448	Wheel	

# Charmilles

## Housing

Picture	Sedex No.	Original P/No.	Dimension	Position	Application
	<b>CHS01</b>	104325270		Upper	RFI 190. 290. 300 Injection chamber
	<b>CHS02</b>	104329690	Φ70x44L	Lower	RFI 290. 310. 510 Injection chamber empty Ref : 100432905
	<b>CHS03</b>	104329700	Φ70x44L	Upper	RFI 290. 310. 510. X30F. X40F Injection chamber
	<b>CHS04</b>	130003220		Lower wire guide support housing body	
	<b>CHS05</b>	130003431 100411614		Lower TIM head complete	
	<b>CHS06</b>	130003835		Lower	RFI 290. 310. 510 TIM Head complete Ref : 100411614
	<b>CHS07</b>	130003916 204112290		Cover complete	RFI 290. 310. 510 Ref : old 130003285
	<b>CHS08</b>	135014473		Upper injection chamber complete	
	<b>CHS09</b>	135016321		Chamber	Upper injection chamber empty
	<b>CHS10</b>	135018483		Lower head complete	
	<b>CHS11</b>	200420567		White insert	RFI 200. 400. 600
	<b>CHS12</b>	200422631		Cover for mill	RFI 330F. X40 Ref : 135009529,
	<b>CHS13</b>	200431470		Screw press	Screw press fit CF upper guide
	<b>CHS14</b>	200434119		Upper Injection chamber	RFI X000. X020. X020.1. SI. X030
	<b>CHS15</b>	204312140		Lower injection Chamber empty	RFI 100. 200. 400. 600

# Charmilles

## Housing

Picture	Sedex No.	Original P/No.	Dimension	Position	Application
 SEDEX	<b>CHS16</b>	204312150		Upper injection Chamber empty	RFI 100. 200. 400. 600
 SEDEX	<b>CHS17</b>	204318750		Upper injection Chamber empty	RFI 100. 200. 400. 600
 SEDEX	<b>CHS18</b>	204329070		Upper injection Chamber complete	RFI 300/310AWF. 290/500AWF. 510
 SEDEX	<b>CHS19</b>	204329080		Lower injection Chamber complete	RFI 290. 310. 510
 SEDEX	<b>CHS20</b>	204335890		Upper injection Chamber Comp	RFI 1020. 2020. 4000. 6000
 SEDEX	<b>CHS21</b>	204335900		Lower injection Chamber Comp	RFI 1020. 2020. 4000. 6000
 SEDEX	<b>CHS22</b>	204343870		Upper injection Chamber Comp	RFI 330. 240/440. 240/440CC
 SEDEX	<b>CHS23</b>	204487120		Lower injection Chamber empty	RFI 1020. 2020. 1020/2020.1
 SEDEX	<b>CHS24</b>	204489700		Upper injection Chamber empty	RFI X000. 1020. 1020/2020.1
 SEDEX	<b>CHS25</b>	206202760		Upper injection Chamber Comp	RFI X030SI
 SEDEX	<b>CHS26</b>	206305860		Lower injection Chamber Comp	RFI X030SI
 SEDEX	<b>CHS27</b>	206401090		Lower injection Chamber empty	RFI 1020/2020.1 1020/2020 SI. X030



# Charmilles

## Injection nozzle

Picture	Sedex No.	Original P/No.	Dimension	Position	Application
	<b>CIN01</b>	100431958	Φ0.80mm	Ceramic Thread nozzle	RFI X00. 3X0. 5X0. X020/X030 SI. 290. X30
	<b>CIN02</b>	135012090	Φ1.80mm	BT Thread nozzle	RFI X00. 3X0. 5X0. X020/X030 SI. 290. X30 Stainless steel body + ceramic insert
	<b>CIN03</b>	135012145	Φ0.80mm	BT Thread nozzle	RFI X00. 3X0. 5X0. X020/X030 SI. 290. X30 Stainless steel body + ceramic insert
	<b>CIN04</b>	135012146	Φ0.50mm	BT Thread nozzle	RFI X00. 3X0. 5X0. X020/X030 SI. 290. X30 Stainless steel body + ceramic insert
	<b>CIN05</b>	100431787	Φ1.80mm	Ceramic Thread nozzle	RFI X00. 3X0. 5X0. X020/X030 SI. 290. X30 Ref : compatible as 200431787
	<b>CIN06</b>	200431788	Φ6.0mm	Ceramic Thread nozzle	RFI 100. 200. 400. 600
	<b>CIN07</b>	200542384	Φ3.4mm	Thread nozzle	RFI X020SI
	<b>CIN08</b>	200630758	Φ0.8mm	Thread nozzle	
	<b>CIN09</b>	200640979		Nozzle holder	RFI X030
	<b>CIN10</b>	206411670		Nozzle - assembly	

# Charmilles

## Lubricant

Picture	Sedex No.	Original P/No.	Dimension	Position	Application
 SEDEX	CLB01	100447470			RFI 3X0. 5X0. 230. 330 Grease blasolube 301 - 250g
 SEDEX	CLB02	135005497			RFI 3X0. 5X0. 230. 330 Grease blasolube 301 - 400g
 SEDEX	CLB03	200449142			RFI 3X0. 5X0. 230. 330 Grease blasolube 301 - 900g



# Charmilles

## Motor

Picture	Sedex No.	Original P/No.	Dimension	Position	Application
	<b>CMT01</b>	100420014			---
	<b>CMT02</b>	100420259			RFI X00. X000
	<b>CMT03</b>	100421750			RFI 310F
	<b>CMT04</b>	100430039		Axis motor	RFI 310
	<b>CMT05</b>	100430610		Wire - Drive motor	RFI X10. X40F
	<b>CMT06</b>	100430721			RFI 100. 200. 400. 600
	<b>CMT07</b>	100443372			RFI X00. X000
	<b>CMT08</b>	100641423		DC motor	---
	<b>CMT09</b>	135009224		Atuator - Linak actvator	---
	<b>CMT10</b>	205432760		Rel drive Motor M11	RFI 230F. 330F



























# Charmilles

## Nozzle

Picture	Sedex No.	Original P/No.	Description	Application
	<b>CNZ01</b>	100443733	Plastic nut upper & lower Φ45x11H	RFI 3X0. 5X0. X020. X030 SI
	<b>CNZ02</b>	100444997	Tap nozzle with washer	
	<b>CNZ03</b>	100446021	Nozzle standard Φ5.5	RFI 3X0. 5X0. 1020
	<b>CNZ04</b>	100447011	Plastic nut upper head Φ45x19H	RFI 3X0. 5X0
	<b>CNZ05</b>	100448473	Nozzle flat Φ5.5	RFI X00. 290/310/510F. X000
	<b>CNZ06</b>	100449031	Nozzle standard Φ7.0	RFI X00. 290/310/510F. X000
	<b>CNZ07</b>	104323510	Nozzle complete Φ7.0	RFI 3X0. 5X0. X020
	<b>CNZ08</b>	104475470	Directional nozzle	RFI 3X0. 5X0
	<b>CNZ09</b>	104490300	Tapper nozzle Φ30x16H	RFI 290/310/510F
	<b>CNZ10</b>	130005465	Nozzle	
	<b>CNZ11</b>	130006328	Extension for nozzle	---
	<b>CNZ12</b>	130006435	Nozzle ID7x16mmH	RFI X40. 690
	<b>CNZ13</b>	130006787	Inner nut for flushing nozzle	RFI 690 Ref : 13006946
	<b>CNZ14</b>	130006946	Inner nut for flushing nozzle	RFI 690 Ref : 130006787
	<b>CNZ15</b>	135001193	Nozzle ID=6mm	RFI 330. X40

# Charmilles

## Nozzle

Picture	Sedex No.	Original P/No.	Description	Application
 	<b>CNZ16</b>	135005189	Nozzle lower	---
 	<b>CNZ17</b>	135005346	Nozzle standard Φ15	---
 	<b>CNZ18</b>	135005351	Circlip for nozzle 130006787	RFI 690
 	<b>CNZ19</b>	135005953	Long nozzle sleeve	
 	<b>CNZ20</b>	135005957	Guide suction nozzle	---
 	<b>CNZ21</b>	135006840	Nozzle OD44.8xID6x18.5mmH	---
 	<b>CNZ22</b>	135009552	Nozzle	---
 	<b>CNZ23</b>	135009554	Nozzle set	---
 	<b>CNZ24</b>	135011018	Nozzle ID=2	
 	<b>CNZ25</b>	135011828	Nozzle lower 30x6x33	RFI330. 440
 	<b>CNZ26</b>	135011829	Nozzle low Φ30	RFI330. 440
 	<b>CNZ27</b>	135016944	Nozzle ID=6 , Taper 10~20°	
 	<b>CNZ28</b>	135016946	Upper nozzle D6 speed edition	
	<b>CNZ29</b>	135017450	Upper nozzle D6 speed edition V2	
	<b>CNZ30</b>	135022537	Nozzle low	---


# Charmilles

## Nozzle

Picture	Sedex No.	Original P/No.	Description	Application
 	<b>CNZ31</b>	200441714	Flange for wire capture Upper & Lower	RFI1 00. 200. 400. 600
 	<b>CNZ32</b>	200441715	Cap wire guide Upper & Lower	RFI1 00. 200. 400. 600
 	<b>CNZ33</b>	200448474	Ring for nozzle	RFI X00. X020. X020SI. X030SI
	<b>CNZ34</b>	200542370	Upper flat nozzle ID 8mm	
 	<b>CNZ35</b>	200542646	Nozzle lower head ID 6mm	RFI X30F. X40F
 	<b>CNZ36</b>	200542917	Nozzle upper head	RFI X30F. X40F
 	<b>CNZ37</b>	200543903	Nozzle	RFI X40
 	<b>CNZ38</b>	200630803	Nozzle lower	RFI X30 TW
 	<b>CNZ39</b>	200640978	Nozzle	RFI X030
 	<b>CNZ40</b>	200641604	Nozzle	RFI 330F. X40. X40SL. X40CC
 	<b>CNZ41</b>	200641617	Nozzle lower head	RFI 330F. 440F
 	<b>CNZ42</b>	204337740	Nozzle kit big height	RFI 3X0. 5X0. X000
 	<b>CNZ43</b>	204454810	Nozzle assembly	RFI M/310
 	<b>CNZ44</b>	204455850	Tapper nozzle assembly	RFI X00. X000 RFI 290/310/510F
 	<b>CNZ45</b>	204486600	Nozzle kit	RFI 1000. 1020.1

# Charmilles

## Nozzle

Picture	Sedex No.	Original P/No.	Description	Application
	<b>CNZ46</b>	206416330	Nozzle with stainless ring	RFI 2030 TW

# Charmilles

## Pneumatic

Picture	Sedex No.	Original P/No.	Description	Application
	<b>CPN01</b>	100431523	Manometer	RFI 3XX. 5XX. X000. X020. XC020.1 Ref : 200431523
	<b>CPN02</b>	100441210	Flushing hose connector	RFI X00. X000 RFI 290/310/510F
	<b>CPN03</b>	100441796	Throttle non-return valve	RFI X00. X000
	<b>CPN04</b>	100445141	Flushing hose connector	RFI 330F
	<b>CPN05</b>	100446202	Elbow ecrew joint	RFI 330F
	<b>CPN06</b>	100446676	Angel connection	RFI 330F
	<b>CPN07</b>	135000090	Throttle non-return valve M5x6	---
















# Charmilles

## Power transmission

Picture	Sedex No.	Original P/No.	Description	Application
 	<b>CPT01</b>	---106462	Current supply upper/lower Φ9.5xΦ3.8x3T	EF 320. 330. 630. 930
 	<b>CPT02</b>	---806549	Current supply lower Φ25x6x6.4T	RFI X00
 	<b>CPT03</b>	100342166	Current supply	RFI X00. 3X0. 5X0. X020. X30F. X40F Ref : 100432997, 135021833
 	<b>CPT04</b>	100342185	Carbon brush holder	RFI 310. 510. CH 452. 552
 	<b>CPT05</b>	100343525	Contact brush annealing For holder 342185	RFI 310. 510. X020. X030
 	<b>CPT06</b>	100432997	Current supply	RFI X00. 3X0. 5X0. X020 Ref : 135010135, 135022232, Tungsten carbide
 	<b>CPT07</b>	100432997	Current supply Carbide contact 8 faces	
 	<b>CPT08</b>	100443210	Lower contact holder	RFI 100. 200. 400. 600
 	<b>CPT09</b>	100444728	Lower contact support 15x15x24mm	RFI 1020. 2020. 4020. 6020
 	<b>CPT10</b>	100444750	Upper contact support 13x17x24mm	RFI 3X0. 5X0. X30F. X40F
 	<b>CPT11</b>	100446275	Contact pin	RFI 290/310/510F
 	<b>CPT12</b>	100446683	Contact block lower head	RFI 3X0
 	<b>CPT13</b>	100446687	Contact brush lower	RFI 3X0. 5X0
 	<b>CPT14</b>	100446688	Holder for contact brush	RFI 3X0. 5X0
 	<b>CPT15</b>	100448679	Contact sleeve lower head 20xΦ8x16H	RFI 3X0. 5X0

# Charmilles















## Power transmission

Picture	Sedex No.	Original P/No.	Description	Application
	<b>CPT16</b>	104315160	Contact module	RFI X000. X020
	<b>CPT17</b>	104447530	Current transmitter upper Non coated copper wire	RFI X00. 3X0. 5X0. X020
	<b>CPT18</b>	104447530	Current transmitter upper Zinc coated copper wire	RFI X00. 3X0. 5X0. X020
	<b>CPT19</b>	130003362	Contact sleeve L=24mm Φ20xΦ12x24mm	---
	<b>CPT20</b>	135008364	Contact support	
	<b>CPT21</b>	135008369	Current supply	
	<b>CPT22</b>	135008724	Contact module	
	<b>CPT23</b>	135009509	Current transmitter upper	---
	<b>CPT24</b>	135009523	Contact plate	RFI X40CC. X40SL
	<b>CPT25</b>	135009800	Contact module cap	
	<b>CPT26</b>	135010135	Contact supply Pure tungsten	
	<b>CPT27</b>	135011543	Short contact support	Re : 200641001
	<b>CPT28</b>	135015281	Carbon brush	
	<b>CPT29</b>	135016088	Contact module stop 9.25mm	
	<b>CPT30</b>	135016089	Upper contact support	




# Charmilles

## Power transmission

Picture	Sedex No.	Original P/No.	Description	Application
	<b>CPT31</b>	135016091	Contact module	---
	<b>CPT32</b>	135022232	Current supply 12x12x10mm	With splited gap
	<b>CPT33</b>	135021833	Current supply 12x12x10mm	With splited gap
	<b>CPT34</b>	200000893	Set of prot. holder rubber of ABB motor brush	
	<b>CPT35</b>	200010031	Carbon brush	---
	<b>CPT36</b>	200434002	Contact support 25x19x12.5mm	RFI X30/F. X40
	<b>CPT37</b>	200442237	Cable terminal	RFI X00
	<b>CPT38</b>	200442925	Contact holder	RFI X00
	<b>CPT39</b>	200445439	Carbon brush	RFI 230/290/330F, RFI X00. X000 Brush size : 4x7x15, 1pcs/set Using for motor 200.445.439
	<b>CPT40</b>	200447082	Set brushes	RFI 100. 310. 510. X000. X0X0 Brush size : 2x3x10, 2pcs/set Using for motor 200.430.610
	<b>CPT41</b>	200447638	Carbon brush lower	RFI 3X0. 5X0
	<b>CPT42</b>	200542924	Contact plate	
	<b>CPT43</b>	200543838	Contact plate	RFI 330F
	<b>CPT44</b>	200630654	Current supply upper 12x12x10mm	RFI X030 SI
	<b>CPT45</b>	200640068	Contact support upper	RFI X020

# Charmilles

## Power transmission

Picture	Sedex No.	Original P/No.	Description	Application
	<b>CPT46</b>	200641088		
	<b>CPT47</b>	204428560	Current supply upper head	RFI 100. 200. 400. 600
	<b>CPT48</b>	204607270	Kit upper machine contact	RFI X00
	<b>CPT49</b>	206400700	Power supply 0.1mm threading	RFI X020 SI
	<b>CPT50</b>	206410020	Current supply	RFI X030 SI
	<b>CPT51</b>	332014049	Contact inf. Nut assy	
	<b>CPT52</b>	333014035	Contact support lower	
	<b>CPT53</b>	335009506	Contact FWP2 D15/5x17H	
	<b>CPT54</b>	902124361	Carbon brusg set 2pcs/set	

# Charmilles

## Roller

Picture	Sedex No.	Original P/No.	Description	Application
	<b>CRL01</b>	100432352	Shaft for pinch roller	RFI 3X0. 5X0
	<b>CRL02</b>	100432353	Shaft for pinch roller	RFI 3X0. 5X0
	<b>CRL03</b>	100444693	Brake roller	RFI 1000. 1020
	<b>CRL04</b>	100449019	Wire drive roller lower Φ50xΦ8x24T	RFI 3X0. 5X0 Without groove Ref : CRL17, 130003174, =446330
	<b>CRL05</b>	100449329	Wire drive roller upper Φ50xΦ8x24T	RFI 3X0. 5X0 With groove Ref : 446330 (CRL16, 130003173)
	<b>CRL06</b>	100542999	Drive roller Φ40xΦ12x6T	RFI 230/330F. 240/440. 240/440CC Ref : CRL24
	<b>CRL07</b>	104314360	Wire evacuation roller set	RFI X00. X020. X030. X40F
	<b>CRL08</b>	104314630	Tension roller complete	RFI X00
	<b>CRL09</b>	104446329	Axle lower head	---
	<b>CRL10</b>	104449640	V roller Φ80mm	---
	<b>CRL11</b>	104463270	Reversion roller	RFI 3X0. 5X0. 230F. X40F
	<b>CRL12</b>	104466590	Pulley spool drive complete	RFI 3X0. 5X0
	<b>CRL13</b>	109212119	Axle short roller	RFI 200. 400 .600. X000
	<b>CRL14</b>	109212121	Axle long roller	RFI 200. 400 .600. X000
	<b>CRL15</b>	130002082	Roller	RFI 190















# Charmilles

## Roller

Picture	Sedex No.	Original P/No.	Description	Application
	<b>CRL16</b>	130003173	Wire drive roller with groove Right / $\Phi 50 \times \Phi 8 \times 24T$ Groove distance : 6x4x4x6	RFI 290. 3X0. 5X0 Golder color - TiN coating Ref : 100449329, 200543799
	<b>CRL16A</b>	130003173	Wire drive roller with groove Upper / $\Phi 50 \times \Phi 8 \times 24T$ Groove distance : 6x4x4x6	RFI 290. 3X0. 5X0 Grey color - TiAlN coating
	<b>CRL17</b>	130003174	Wire drive roller-No groove Left / $\Phi 50 \times \Phi 8 \times 24T$	RFI 290. 3X0. 5X0 Golder color - TiN coating Ref : 100449019, 200543800
	<b>CRL17A</b>	130003174	Wire drive roller-No groove Lower / $\Phi 50 \times \Phi 8 \times 24T$	RFI 290. 3X0. 5X0 Grey color - TiAlN coating
	<b>CRL18</b>	130003359	Pinch roller for tim head $\Phi 50 \times \Phi 12 \times 14T$	RFI 3X0. 5X0. 390. 690 Golder color non-grooved - TiN coating
	<b>CRL18A</b>	130003359	Pinch roller for tim head $\Phi 50 \times \Phi 12 \times 14T$	RFI 3X0. 5X0. 390. 690 Grey color non-grooved - TiAlN coating
	<b>CRL19</b>	130003360	Pinch roller grooved $\Phi 50 \times \Phi 12 \times 14T$ Groove distance : 6x2x6	RFI 3X0. 5X0. 390. 690 Golder color with 3 groove - TiN coating
	<b>CRL19A</b>	130003360	Pinch roller grooved $\Phi 50 \times \Phi 12 \times 14T$ Groove distance : 6x2x6	RFI 3X0. 5X0. 390. 690 Grey color with 3 groove - TiAlN coating
	<b>CRL20</b>	130004941	Shaft L=74.7mm	L=74.7mm, M5 and the other side M6
	<b>CRL21</b>	130004942	Shaft	L=95.6mm Both side M5
	<b>CRL22</b>	130004943	Shaft	Shaft for pinch roller tim head OD17x12x77mm, M5 and the other side M6
	<b>CRL23</b>	135009149	Shaft fast roller OD16/12x84.5mmL	
	<b>CRL24</b>	135009524	Tension roller belt	RFI X40
	<b>CRL25</b>	135009527	Shaft for cutter	
	<b>CRL26</b>	135009928	Drive roller $\Phi 40 \times \Phi 12 \times 6T$	RFI 230/330F. 240. 440. 240/440CC














# Charmilles

## Roller

Picture	Sedex No.	Original P/No.	Description	Application
	<b>CRL27</b>	135010086	Shaft movable roller OD16/12x52.6mmL	
	<b>CRL28</b>	135010087	Coupling shaft OD17.8/15.65/12.6x99mmL	
	<b>CRL29</b>	135012545	Pinch roller EVA FILV1 OD50mm	
	<b>CRL30</b>	135014937	Tension roller	---
	<b>CRL31</b>	135015268	Pinch roller Evafil V2 D50x33x8mmT	
	<b>CRL32</b>	135018626	Shaft fixed roller	
	<b>CRL33</b>	135018627	Shaft mobile roller	
	<b>CRL34</b>	200330761	Pulley complete with axle	---
	<b>CRL35</b>	200342997	Ceramic pulley	
	<b>CRL36</b>	200434553	Shaft	RFI 330F
	<b>CRL37</b>	200434554	Shaft	RFI 230F. 290F. 330F
	<b>CRL38</b>	200434555	Shaft	RFI 230F. 290F. 330F
	<b>CRL39</b>	200434648	Connecting shaft	RFI 330. X40
	<b>CRL40</b>	200440018	Assembly toothed pulley	Ref : 204448200+200440764
	<b>CRL41</b>	200440552	Brass pulley wire threading	RFI X00

# Charmilles

## Roller

Picture	Sedex No.	Original P/No.	Description	Application
 	<b>CRL42</b>	200440764	Axis for roller	
 	<b>CRL43</b>	200440765	Roller	RFI X00
	<b>CRL44</b>	200440769	Roller	
 	<b>CRL45</b>	200440932	V-pulley	
 	<b>CRL46</b>	200442135	Roller lower arm	
 	<b>CRL47</b>	200442241	Plate CF wire EVAC pulley A	
 	<b>CRL48</b>	200442921	Roller	RFI X00. X000
 	<b>CRL49</b>	200444672	Bush for axle	RFI X000
 	<b>CRL50</b>	200444674	Axle for 444819. 449583	RFI X0X0
 	<b>CRL51</b>	200444677	Roller Ø150	RFI X020
 	<b>CRL52</b>	200444701	Pulley Z.150	
 	<b>CRL53</b>	200444705	Roller Ø45	RFI X000
 	<b>CRL54</b>	200445333	Axle for roller - 444849. 444820	RFI 100. 200. 400. 600
 	<b>CRL55</b>	200449538	Roller for lower arm	RFI 1000. 1020/.1
 	<b>CRL56</b>	200542665	Pulley D65.7x12.5	
 	<b>CRL57</b>	200542666	Pulley D65.7x21	

# Charmilles

## Roller

Picture	Sedex No.	Original P/No.	Description	Application
 SEDEX	<b>CRL58</b>	200542733	Shaft pinch roller tension bracket OD10/8/5x62.1mmL	
 SEDEX	<b>CRL59</b>	200544240	Brake roller empty	RFI 3X0. 5X0. X020. X30F. X40F
	<b>CRL60</b>	200620513	Motor pulley D=76	
 SEDEX	<b>CRL61</b>	204317310	Reversion roller long	RFI X020
 SEDEX	<b>CRL62</b>	204317320	Reversion roller short	RFI X020
 SEDEX	<b>CRL63</b>	204335080	Annealing pulley complete	RFI X020.1. X020 SI
 SEDEX	<b>CRL64</b>	204446960	Tension roller	RFI 200. 400. 600
 SEDEX	<b>CRL65</b>	204448190	Delrin roller	RFI 100. 200. 400. 600. X020. X030 SI
 SEDEX	<b>CRL66</b>	204448200	Ceramic roller assembly	RFI 100. 200. 400. 600. X020. X030 SI
 SEDEX	<b>CRL67</b>	204459180	Movable axle	M/1020
 SEDEX	<b>CRL68</b>	204475790	Roller	RFI 3X0. 5X0. X020. 330F. X40F. X030 SI
 SEDEX	<b>CRL69</b>	204482190	Movable axle	---
 SEDEX	<b>CRL70</b>	204482260	Roller	---
 SEDEX	<b>CRL71</b>	204492440	Pulley	RFI 230F. 290F. 330F. X000 Material : Brass
 SEDEX	<b>CRL72</b>	205427140	Roller unit	RFI 230F. 290F. 330F. X000

# Charmilles

## Roller

Picture	Sedex No.	Original P/No.	Description	Application
 	<b>CRL73</b>	205442410	Brake roller complete	RFI 3X0. 5X0. X020. X30F
 	<b>CRL74</b>	206304130	Lower group reverse roller	---
 	<b>CRL75</b>	206411380	Roller	---
	<b>CRL76</b>	206411390	Axis ceramic roller Sub-assy	---
 	<b>CRL77</b>	206413170	Roller	RFI X030 Ref : 206411420
 	<b>CRL78</b>	332014104	Wire evacuation ceramic pulley	Re : 332015169
 	<b>CRL79</b>	332015168	Ceramic roller	---
 	<b>CRL80</b>	333014095	Shaft Cut20	---
 	<b>CRL81</b>	333014108	Shaft Cut20	---
 	<b>CRL82</b>	335004669	Steel guide wheel D=40	
 	<b>CRL83</b>	335015107	Guide pulley	Re : 335005237
 	<b>CRL84</b>	387009207	Ruby aux guide wheel assy	
 	<b>CRL85</b>	387012290	Brake roller complete	
 	<b>CRL86</b>	387017373	Ruby wheel assy For FW M/C	



# Charmilles

## Seal

Picture	Sedex No.	Original P/No.	Description	Application
	<b>CSL01</b>	100444709	Tank door seal Φ12.00mmx1m	RFI 100. 200. 400 600
	<b>CSL02</b>	100446367	Seal lower head	RFI 230F. 290F. 330F
	<b>CSL03</b>	100446826	Rubber gasket Φ150x20X5mm	RFI 230F. 290F. 330F
	<b>CSL04</b>	100446863	Bellow	RFI 290. 300. 310
	<b>CSL05</b>	100447142	V seal	RFI 290. 3X0. 5X0
	<b>CSL06</b>	109410003	O ring Φ2.90x1.78mm	RFI X00. 230F. 290F. 330F. X000
	<b>CSL07</b>	109410006	O ring Φ5.28x1.78mm	Re : 209410006
	<b>CSL08</b>	109410007	O ring Φ6.07x1.78mm	RFI X30. X40
	<b>CSL09</b>	109410008	O ring lower wire guide	RFI X30F. X40F
	<b>CSL10</b>	109410009	O ring Φ9.25x1.78mm	RFI X00. 230F. 290F. 330F. X000
	<b>CSL11</b>	109410011	O ring Φ10.78x2.62mm	RFI 100. 200. 400 600 Ref : 209410011
	<b>CSL12</b>	109410012	O ring PRP 112	RFI 100. 200. 400 600
	<b>CSL13</b>	109410014	Seal O ring Φ15.54x2.62mm NBR70 Sh.A	RFI 100. 200. 400 600
	<b>CSL14</b>	109410027	O ring Φ10.82x1.78mm	RFI 100. 200. 400 600. 3X0. 5X0. X020
	<b>CSL15</b>	109410201	O ring Φ12.42x1.78mm	RFI 2000. 4000 6000
	<b>CSL16</b>	109410202	O ring Φ14.00x1.78mm	RFI 3X0. 5X0. 230/F. X020. X030 SI
	<b>CSL17</b>	109410207	O ring Φ41.00x1.78mm	RFI 3X0. 5X0. 230/F. X030 SI
	<b>CSL18</b>	109410234	O ring	RFI 100. 200. 400 600
	<b>CSL19</b>	109410250	O ring Φ20.35x1.78mm	RFI 3X0. 5X0
	<b>CSL20</b>	109410251	O ring for lower head	RFI 3X0. 5X0
	<b>CSL21</b>	109412030	O ring	Ref ; 209412030

# Charmilles

## Seal

Picture	Sedex No.	Original P/No.	Description	Application
	<b>CSL22</b>	109410117	O-ring	---
	<b>CSL23</b>	209410234	O ring	---
	<b>CSL24</b>	109412031	O ring	Ref : 209412031
	<b>CSL25</b>	109412034	Seal set	RFI 3X0. 5X0. X30F
	<b>CSL26</b>	109412036	NTH ring Φ18mm	RFI X00. X000
	<b>CSL27</b>	109412037	Seal	RFI 2000. 4000. 6000
	<b>CSL28</b>	109412041	NTH ring Φ8mm	RFI 2000. 4000. 6000
	<b>CSL29</b>	130004537	O ring	---
	<b>CSL30</b>	135000041	O ring PRP 049 3pcs/set	---
	<b>CSL31</b>	135006434	Tank door seal	Re : 135000528 135001024
	<b>CSL32</b>	135009526	Joint holder friction seal	---
	<b>CSL33</b>	135012857	O ring NBR70SH A D82x2.62mm	---
	<b>CSL34</b>	135012942	O ring NBR70SH A D17.5x1.5mm	---
	<b>CSL35</b>	135016358	O ring	---
	<b>CSL36</b>	135017224	O ring	---
	<b>CSL37</b>	200041081	Tank seal 10x25mm / 2.5m	
	<b>CSL38</b>	200342978	O ring Φ3.3x2.4mm	RFI 100. 200. 400. 600
	<b>CSL39</b>	200343024	O ring	RFI 100. 200. 400. 600
	<b>CSL40</b>	200412266	Spilt frame	RFI X00

# Charmilles

## Seal

Picture	Sedex No.	Original P/No.	Description	Application
	<b>CSL41</b>	200434400	Guide strips longitudinal	RFI X00
	<b>CSL42</b>	200434418	Square foam rubber Door seal 20x20mm	RFI 100. 200. 400. 600
	<b>CSL43</b>	200440037	Seal sandwich	RFI 100. 200. 400. 600. X020. X030
	<b>CSL44</b>	200440983	O ring upper/lower head	RFI 100. 200. 400. 600. X000
	<b>CSL45</b>	200440984	O ring lower head Φ8.0x2.0mm	RFI X00
	<b>CSL46</b>	200441087	Drain door rubber seal	
	<b>CSL47</b>	200441735	Seal upper head	RFI 100. 200. 400. 600. X000
	<b>CSL48</b>	200441787	O ring Φ3.3x2.4mm	RFI 100. 200. 400. 600
	<b>CSL49</b>	200442568	O ring kit lower guide	RFI 100. 200. 400. 600
	<b>CSL50</b>	200442928	Seal air wire cutting piston	
	<b>CSL51</b>	200443141	Tank door seal Φ12x2.5m	RFI 100. 200. 400. 600. X000
	<b>CSL52</b>	200443196	Seal sandwich	RFI 100. 200. 400. 600
	<b>CSL53</b>	200444496	Filter canister gasket	RFI 100. 200. 400. 600. 1020/M. 3X0 RFI 230/F. X030SI
	<b>CSL54</b>	200444832	Seal for coupling	
	<b>CSL55</b>	200444934	Cleaning brush arm	RFI X020. X020.1
	<b>CSL56</b>	200448016	O ring 25x5/150mm	
	<b>CSL57</b>	200448164	O ring	RFI 3X0/F Φ35.0x2.0mm
	<b>CSL58</b>	200448165	Filter canister gasket	RFI 100. 200. 400. 600. 3X0. 5X0. X020
	<b>CSL59</b>	200542148	ASS rubber gasket	
	<b>CSL60</b>	200544160	Axle seal lower head	RFI 330. X40






# Charmilles

## Seal

Picture	Sedex No.	Original P/No.	Description	Application
	<b>CSL61</b>	200640106	O ring	RFI 2020. 4020. 6020
	<b>CSL62</b>	204425690	Seal kit set	RFI 100. 200. 400. 600 RFI 3X0/F
	<b>CSL63</b>	204607300	Seal Kit sandwich	RFI X00. X000. X020
	<b>CSL64</b>	204607310	Seal Kit sandwich	RFI 4000. 4020
	<b>CSL65</b>	204607320	Work tank seal CF600	
	<b>CSL66</b>	204623050	Seal Kit sandwich	RFI 2020.1
	<b>CSL67</b>	204623060	Kit arm tank seal	RFI 4020.1. 4030/.1
	<b>CSL68</b>	204624120	Upper sealing set	---
	<b>CSL69</b>	204624130	Lower sealing set	---
	<b>CSL70</b>	204624910	Seal kit of cabine FI330F	
	<b>CSL71</b>	206607280	Kit sandwich for reservoir	RFI 2020/2030 SI
	<b>CSL72</b>	209410012	O ring NBR 70 Sh.A	RFI 100. 200. 400. 600 Φ12.37x2.62mm
	<b>CSL73</b>	209410036	O ring	---
	<b>CSL74</b>	209410040	O ring PRP 115	RFI X30F. X40F
	<b>CSL75</b>	209410048	O ring	RFI 100. 200. 400. 600 Φ37.82x1.78mm
	<b>CSL76</b>	209410117	O ring	RFI 100. 200. 400. 600
	<b>CSL77</b>	209410122	O ring	RFI 100. 200. 400. 600 Φ3.68x1.78mm
	<b>CSL78</b>	209410175	O ring	RFI 330
	<b>CSL79</b>	209410177	O ring	RFI 230/F
	<b>CSL80</b>	209410182	O ring	RFI 100. 200. 400. 600 Φ10x3.53mm


# Charmilles

## Seal

Picture	Sedex No.	Original P/No.	Description	Application
	<b>CSL81</b>	209410203	O ring upper head	RFI X00
	<b>CSL82</b>	209410208	O ring lower wire guide	RFI X30F. X40F
	<b>CSL83</b>	209410214	O ring NBR70 Sh.A Φ26.70x1.78mm	
	<b>CSL84</b>	209410246	O ring	RFI 3X0. 5X0 Φ120.37x1.78mm
	<b>CSL85</b>	209410259	O ring NBR70 Sh.A Φ23.47x2.62mm	
	<b>CSL86</b>	209412035	NTH ring upper head	RFI X30F. X40F
	<b>CSL87</b>	223008001	Low/up head O-ring kit	
	<b>CSL88</b>	262070007	Vari seal	Ref : 662070007 Sodick 2070007
	<b>CSL89</b>	262070254	Backup ring set (10pcs)	Ref : 662070254 Sodick 2070174
	<b>CSL90</b>	262070595	Felt seal	Ref : 662070595 Sodick 2070595
	<b>CSL91</b>	262070608	Teflon seal	SH2 CNC
	<b>CSL92</b>	312011934	Arm tank seal Cut20	
	<b>CSL93</b>	312013446	O ring arm seal Cut20	
	<b>CSL94</b>	312014057	O-ring D10x1.0mm MOQ : 5pcs	
	<b>CSL95</b>	312014058	O-ring D12x1.0mm MOQ : 5pcs	
	<b>CSL96</b>	312014060	O-ring	
	<b>CSL97</b>	312014062	O-ring Cut20 dia 6.7x1.8mm	
	<b>CSL98</b>	312014064	O-ring	
	<b>CSL99</b>	312014065	O-ring MOQ : 5pcs	
	<b>CSL100</b>	312014115	O-ring MOQ : 5pcs	

# Charmilles

## Seal

Picture	Sedex No.	Original P/No.	Description	Application
	<b>CSL101</b>	312014186	O-ring D8.5x1.8mm MOQ : 5pcs	
	<b>CSL102</b>	312014581	O-ring D21.2x1.8mm MOQ : 5pcs	
	<b>CSL103</b>	312015179	O-ring Cut20 dia 18x1.0mm	
	<b>CSL104</b>	312016428	O-ring	Φ69x2.65mm for deflector 222026427
	<b>CSL105</b>	312016486	O-ring Cut20 dia 6.7x1.8mm	
	<b>CSL106</b>	312017062	O-ring dia 20x1.8mm	
	<b>CSL107</b>	332016546	Frame arm tank seal	
	<b>CSL108</b>	332029094	Kit tube arm tank seal	Re : 387011876
	<b>CSL109</b>	335014866	Seal gland dia 0.5	
	<b>CSL110</b>		Seal gland dia 0.8	
	<b>CSL111</b>	335014867	Seal gland dia 1.0	
	<b>CSL112</b>		Seal gland dia 1.5	
	<b>CSL113</b>	335014868	Seal gland dia 2.0	
	<b>CSL114</b>	335014869	Seal gland dia 3.0	
	<b>CSL115</b>	388017451	Up/low head O-ring kit	
	<b>CSL116</b>	590691957	O-ring	
				

# Charmilles

## Spring

Picture	Sedex No.	Original P/No.	Description	Application
	<b>CSP01</b>	100441726	Spring	RFI 200/400M. 310. 510. X020
	<b>CSP02</b>	100445423	Spring for flushing nozzle Φ34xΦ0.8x45H	RFI 3X0. 5X0 - Lower RFI 1000. 1020 - Upper/Lower
	<b>CSP03</b>	100445441	Evacuation spring	RFI 200.400. 600
	<b>CSP04</b>	100445898	Spring Φ10mm	RFI X30F RFI 2000. 4000. 6000
	<b>CSP05</b>	100446201	Spring for flushing nozzle Φ35xΦ1.0x25H	RFI 3X0. 5X0. X020
	<b>CSP06</b>	100446375	Drive spring D10.2x1.8mm	RFI 3X0. 5X0. X020
	<b>CSP07</b>	100446380	Spring rod	
	<b>CSP08</b>	100446689	Draw spring	RFI 3X0. 5X0
	<b>CSP09</b>	100447060	Spring for flushing nozzle Φ35xΦ1.2x35H	RFI 3X0. 5X0 Ref : Φ35xΦ1.2x35H
	<b>CSP10</b>	100542854	Pressure spring for knife Φ7.0mm	RFI X30F. X40F
	<b>CSP11</b>	100543287	Spring lower head Φ10xΦ2.0mm	RFI X30F. X40F
	<b>CSP12</b>	100543304	Spring holder	Re : 200543304
	<b>CSP13</b>	109227018	Circlip for bore	RFI 240
	<b>CSP14</b>	109227020	Circlip for bore Φ28x1.2mm	RFI 240
	<b>CSP15</b>	130002171	Disk of 2 pc spring set Φ12.3x0.35mm	---

# Charmilles

## Spring

Picture	Sedex No.	Original P/No.	Description	Application
 SEDEX	<b>CSP16</b>	130003237	Spring pressure piece M16 tim head	---
 SEDEX	<b>CSP17</b>	135009797	Spring	Re : 200542807
 SEDEX	<b>CSP18</b>	200442953	Pressure spring	RFI 20. 400. 600
 SEDEX	<b>CSP19</b>	200542855	Spring D1.25x11x10	RFI X30F. X40F
 SEDEX	<b>CSP20</b>	200543304	Spring holder	RFI X30F. X40F
	<b>CSP21</b>	200640077	Compression spring	
 SEDEX	<b>CSP22</b>	200641508	Compression spring	---













# Charmilles

## Valve

Picture	Sedex No.	Original P/No.	Description	Application
	<b>CVA01</b>	100432466	Pneumatic valve	RFI 290. 300. 310. 500. 510. X020 Weight : 0.6kg
	<b>CVA02</b>	100441528	Solenoid valve	RFI X00
	<b>CVA03</b>	100542469	Pressure transmitter	RFI 290. 3X0. 5X0. X020
	<b>CVA04</b>	135000573	Valve	RFI 240CC Weight : 0.3kg
	<b>CVA05</b>	200432557	Valve Y10/11	RFI X000
	<b>CVA06</b>	200434357	Electric pneumatic valve	---
	<b>CVA07</b>	200434476	Electric pneumatic valve	RFI 290P
	<b>CVA08</b>	200441529	Coil solenoid valve	RFI X00
	<b>CVA09</b>	200446791	Connective unit	RFI 2020. 4020. 6020 RFI 2020SI. 4020SI. 6020SI
	<b>CVA10</b>	200641117	Valve	RFI 2020. 4020. 6020 RFI 2020SI. 4020SI. 6020SI RFI 2030SI. 4030SI. 6030SI

# Charmilles

## Various

Picture	Sedex No.	Original P/No.	Descrtion	Application
	<b>CVR01</b>	100257037	Drain Hose D.60/72 mm	Must be order with 2pc of 200010165
	<b>CVR02</b>	100341337	Power totque limiter 16kg	RFI X00. 3X0. 5X0 Re : new 135000420
	<b>CVR03</b>	100341529	Wire strain gauge type	RFI 2000. 4000. 6000
	<b>CVR04</b>	100341550	Filter housing	RFI X00. 3X0. 5X0. 1020
	<b>CVR05</b>	100422449	Brake magtro	---
	<b>CVR06</b>	100430972	Brass $\Phi$ 70	RFI 100. 200. 400
	<b>CVR07</b>	100431470	Protation sensor	---
	<b>CVR08</b>	100431755	A pair of flanges	---
	<b>CVR09</b>	100432508	Cover	
	<b>CVR10</b>	100432055	Fork Macro 3R Linaire	---
	<b>CVR11</b>	100433832	Blake	---
	<b>CVR12</b>	100434139	Clutch type SF170-BMI-25757	---
	<b>CVR13</b>	100440457	Dispenser 5 way	---
	<b>CVR14</b>	100441275	Centering eye	RFI 100. 200. 400. 600. 3X. 5X
	<b>CVR15</b>	100448716	Lubricating Pump	---

# Charmilles

## Various

Picture	Sedex No.	Original P/No.	Descrtion	Application
	<b>CVR16</b>	100441873	Anti return flap	---
	<b>CVR17</b>	100444748	Piston	---
	<b>CVR18</b>	100445225	Bushing Lower	RFI 330F. 3X0. 5X0. X000
	<b>CVR19</b>	100970302	Disquette 3"1/2	Re : old 100970289
	<b>CVR20</b>	104325170	Distribution unit complete	RFI 330F. 3X0. 5X0. X000
	<b>CVR21</b>	104325180	Manifold Sub Assembly 75x68x18H/32H LEGRIS 4.5/32	---
	<b>CVR22</b>	104325510	U connector assembly	---
	<b>CVR23</b>	104452140	Wrench SP	
	<b>CVR24</b>	104470060	Contact module empty	RFI 2000. 4000. 6000
	<b>CVR25</b>	104493630	---	---
	<b>CVR26</b>	109040136	Screw hexagon socket head M6x4	---
	<b>CVR27</b>	109044114	Screw	---
	<b>CVR28</b>	109069054	Contact module empty	---
	<b>CVR29</b>	109201009	Washer M D6.4/12x16	---
	<b>CVR30</b>	109212103	Pin	---








# Charmilles

## Various

Picture	Sedex No.	Original P/No.	Descrtion	Application
	<b>CVR31</b>	109315152	Elbow fitting 90-M5-D.6	---
	<b>CVR32</b>	109315170	Rond D'etancheite M5 PVC	Ref : 209315170
	<b>CVR33</b>	130001622	Inflatable seal	---
	<b>CVR34</b>	130002172	Disc spring, set of 2 pieces Ø 21.8 x Ø 12.3 x 0.35 mm	---
	<b>CVR35</b>	130003236	Washer flat spring - pinch roller shaft tim head	---
	<b>CVR36</b>	130004962	Splash shiled prexglass wire supply	
	<b>CVR37</b>	130004662	Maintenance kit	---
	<b>CVR38</b>	130005948	Y1 Axis Bellows Lower Arm	---
	<b>CVR39</b>	130011065	Plug connector 4M6	---
	<b>CVR40</b>	130003728	Lever vetronit tim head	
	<b>CVR41</b>	135000034	Frame Seal	---
	<b>CVR42</b>	135000035	Blade seal	---
	<b>CVR43</b>	135000103	Driver shaft	---
	<b>CVR44</b>	135000547	Wire recuperation bag	---
	<b>CVR45</b>	135001208	Transmission Axis	---

# Charmilles

## Various

Picture	Sedex No.	Original P/No.	Descrtion	Application
	<b>CVR46</b>	135005563	Gas spring	---
	<b>CVR47</b>	135008865	Pneum.Remote Control Pilot type 559-T4	---
	<b>CVR48</b>	135006247	Filter case complete	---
	<b>CVR49</b>	135006773	Guide strip	Ref : 135000038
	<b>CVR50</b>	135007450	Switch TELEMCA. XCS-PA 791(without key)	---
	<b>CVR51</b>	135007451	Key f · Switch #135007450 XCS- Z13	---
	<b>CVR52</b>	135008366	Spacer	---
	<b>CVR53</b>	135008367	Cam support	---
	<b>CVR54</b>	135008937	Brakewater	---
	<b>CVR55</b>	135009028	Ejector sleeve	Ref : 200447887, 200543722
	<b>CVR56</b>	135009029	Forks	
	<b>CVR57</b>	135009225	Filter sheel	
	<b>CVR58</b>	135009479	Lead in tube cutter	RFI 330. X40 Using with CCT06 / CRL06 Ref : 200543722
	<b>CVR59</b>	135009480	Barrel for cutter	RFI 330F. X40 Re : old 205432880
	<b>CVR60</b>	135009516	Guide holder sapphire	













# Charmilles

## Various

Picture	Sedex No.	Original P/No.	Descrtion	Application
 	<b>CVR61</b>	135009519	Drive lever tender roller sub assy 61.5x21.88x11.5H/OD8	
 	<b>CVR62</b>	135009522	Upper contact blade spacer	RFI 640. X40. X40cc
 	<b>CVR63</b>	135009531	Cutter roller lever 1.62xW15xH16.3/18	---
 	<b>CVR64</b>	135009545	Calibration plate	---
	<b>CVR65</b>	135010020	Micro switch	
	<b>CVR66</b>	135010090	Sub assembly wiper	
 	<b>CVR67</b>	135010092	Rethreading module	RFI 3X0. 5X0. X40. X90
 	<b>CVR68</b>	135010141	Rethreading module	RFI 10X0. 20X0. 40X0. 60X0
 	<b>CVR69</b>	135010665	Threading tube assembly	
	<b>CVR70</b>	135010731	Tank door hinge Sav kit 240SL/CC	
	<b>CVR71</b>	135010734	Reinforced hinge 180 EP 2.5A 3	
 	<b>CVR72</b>	135011384	Remote Control A22/22.1	---
	<b>CVR73</b>	135011487	Friction ring	---
 	<b>CVR74</b>	135011488	Joint holder friction seal OD28/20x6.3mm	
 	<b>CVR75</b>	135011489	Steel cutter deflector OD27/12x0.96mmT	
 	<b>CVR76</b>	135011490	Chopper protection - iron sheet	---

# Charmilles

## Various

Picture	Sedex No.	Original P/No.	Descrtion	Application
	<b>CVR77</b>	135012133	Contact module stop	Old no : 135009822
	<b>CVR78</b>	135012416	Modified filter canister AMF CUNO	
	<b>CVR79</b>	135012681	Sens support 4 hole	Ref : 135015518
	<b>CVR80</b>	135013010	Oil Separator SMC type AFM20- F01	---
	<b>CVR81</b>	135013311	Drain gate actuator	---
	<b>CVR82</b>	135015961	Inlet nozzle pipe Ceramic	Ref : 135009479, 200543722 with steel
	<b>CVR83</b>	135016055	Nut	---
	<b>CVR84</b>	135016057	Didtribution unit complete	Ref : 135009958, 206307620
	<b>CVR85</b>	135009643 135016720	Corp Main Assembly	---
	<b>CVR86</b>	135016724	Ceramic Nut	---
	<b>CVR87</b>	135018062	Plastic washer with magnet	Ref : 135005016
	<b>CVR88</b>	135018282	Long whistle MC	Cut 200, 300
	<b>CVR89</b>	135018529	Wire evacuation assy	---
	<b>CVR90</b>	135011898	Insulating plate	---
	<b>CVR91</b>	135011899	Coupling	---

# Charmilles

## Various

Picture	Sedex No.	Original P/No.	Description	Application
	<b>CVR92</b>	135013005	Screw pin +Washer	---
	<b>CVR93</b>	135016316	Bush assembly	---
	<b>CVR94</b>	135016356	---	---
	<b>CVR95</b>	135017230	Holder assy	---
	<b>CVR96</b>	135017496	Rethreading module	Ref : CVR20 =135015254, 135010141, 104115250, 206105540
	<b>CVR97</b>	135018201		---
	<b>CVR98</b>	135018619	Cover lower head	Old no : 200433996
	<b>CVR99</b>	135018481	Long saphir assy	---
	<b>CVR100</b>	200001721	Coalescent filter	
	<b>CVR101</b>	200001722	Plastic case	
	<b>CVR102</b>	200001965	Filter cartridge OD21x48mmL	For 135009678
	<b>CVR103</b>	200001997	Filter	---
	<b>CVR104</b>	200003027	Tubing chuck	HD8. HD10 Ref : CVR104=CHK09
	<b>CVR105</b>	200010165	Pipe Clamp 65/75mm	---
	<b>CVR106</b>	200237150	Toothed pulley HDT3 XY axis FO4X	---



# Charmilles

## Various

Picture	Sedex No.	Original P/No.	Description	Application
	<b>CVR107</b>	200292060	Gasket work. Door 2lc #D7F SSP	
	<b>CVR108</b>	200257240	Nut with Naches M25x1.5	---
 SEDEX	<b>CVR109</b>	200290863	Thread cap & sieve	RFI 200. 2000 For cartridge P21
 SEDEX	<b>CVR110</b>	200290950	Filter cartridge with tube	RFI 290
 SEDEX	<b>CVR111</b>	200290963	Filter cartridge	---
	<b>CVR112</b>	200291467	Motor fan A90L-0001-0441/650 40.8x40.8x10.7mm	
	<b>CVR113</b>	200291500	Fan A90L-0001-0506/280 60x60x15.3mm	
	<b>CVR114</b>	200291515	Fan unit, 60x60mm A90L-0001-0506/105	
	<b>CVR115</b>	200342283	Conduct control lamp 5 micro/Siemens	
	<b>CVR116</b>	200342285	Conduct control lamp 50 micro/Siemens	
 SEDEX	<b>CVR117</b>	200410155	Rear bellow "Y"	RFI 2050
 SEDEX	<b>CVR118</b>	200410204	Screen Reservoir Drain	CE/F400
 SEDEX	<b>CVR119</b>	200410539	Plastic frame	RFI 2000
 SEDEX	<b>CVR120</b>	200410540	Frame sandwich	RFI 400. 4020
 SEDEX	<b>CVR121</b>	200411345	Frame sandwich	RFI 6020.1. 6030

# Charmilles

## Various

Picture	Sedex No.	Original P/No.	Descrtion	Application
	<b>CVR122</b>	200411380	Frame	RFI 2020.1. 2030
	<b>CVR123</b>	200411564	Frame	RFI 4020.1 4030
	<b>CVR124</b>	200412035	Support wire guide 4.5kg	---
	<b>CVR125</b>	200421224	Spacer	---
	<b>CVR126</b>	200421225	Spacer	---
	<b>CVR127</b>	200421585	Lower wire guide holder	---
	<b>CVR128</b>	200421783	Spacer sandwich	---
	<b>CVR129</b>	200422543	Plastic housing	RFI 330F
	<b>CVR130</b>	200430243	Dashpot for front cover	RFI 200. 400. 600
	<b>CVR131</b>	200430613	Distributor	---
	<b>CVR132</b>	200430973	Cutter cylinder	RFI 200. 400
	<b>CVR133</b>	200431002	Piston air tank auto drain	
	<b>CVR134</b>	200431440 200431820	Bushing sub assembly Upper	
	<b>CVR135</b>	200431837	Plate	RFI 4020.1 4030
	<b>CVR136</b>	200432419	Lock	RFI 2020.1. 2030

# Charmilles

## Various

Picture	Sedex No.	Original P/No.	Descrtion	Application
 	<b>CVR137</b>	200433982	Guide plate	RFI 330F
 	<b>CVR138</b>	200434475	Guide holder	
 	<b>CVR139</b>	200434584	Guide holder	
 	<b>CVR140</b>	200440601	Ball for bleeding valve 3pcs/set	RFI X00
 	<b>CVR141</b>	200441221	Bush	RFI 290. 3X0
 	<b>CVR142</b>	200441709	PVC tube long	RFI X00
 	<b>CVR143</b>	200441710	PVC tube long	RFI X00
	<b>CVR144</b>	200441734	Tube press fit CF guide	
	<b>CVR145</b>	200442292	Button right	---
 	<b>CVR146</b>	200442924	Contact guide holder	RFI X00
 	<b>CVR147</b>	200442930	Holder cut knife assy	
	<b>CVR148</b>	200442931	Pin aling wire cut SYS	
 	<b>CVR149</b>	200442955	Plastic support	RFI X00
 	<b>CVR150</b>	200443003	Closing plug	RFI 200. 400
 	<b>CVR151</b>	200443377	Wheel	RFI 200. 400






# Charmilles

## Various

Picture	Sedex No.	Original P/No.	Description	Application
	<b>CVR152</b>	200443380	Wheel	
	<b>CVR153</b>	200444576	Brush	
	<b>CVR154</b>	200444974	Bush anneling contact	
	<b>CVR155</b>	200445372	Insulation pin	---
	<b>CVR156</b>	200446717	Elbow fitting 3/8"-D12	
	<b>CVR157</b>	200446786	Valve NC	---
	<b>CVR158</b>	200447887	Piston	RFI x40 .x90 .xx0. 290P
	<b>CVR159</b>	200448005	Bellow D.170	---
	<b>CVR160</b>	200448686	Buse plate D4	---
	<b>CVR161</b>	200444974	Brush anneling contact	---
	<b>CVR162</b>	200449141	Greaser gun	RFI 290F. 330F
	<b>CVR163</b>	200542673	Volant D'Inertie D100x8	RFI 230
	<b>CVR164</b>	200542703	Volant D'Inertie D100x8	RFI 330F
	<b>CVR165</b>	200542732	Housing pinch roller drive axe	RFI 330F
	<b>CVR166</b>	200542765	Below PTFE D125/165	RFI X40. 640cc. X40SL. 230

# Charmilles

## Various

Picture	Sedex No.	Original P/No.	Description	Application
	<b>CVR167</b>	200542799	Coupling covering D8	
	<b>CVR168</b>	200542916	Spacer	RFI 330F
	<b>CVR169</b>	200543168	Tube	RFI 330F
	<b>CVR170</b>	200543289	Pivot	RFI 230. 330
	<b>CVR171</b>	200543752	Levier	
	<b>CVR172</b>	200543747	Locking bracket 15x15x100	
	<b>CVR173</b>	200543746	Protection cover lower head	RFI 330F
	<b>CVR174</b>	200544015	Bush	RFI 290F
	<b>CVR175</b>	200544060	Coupling OD25xID10xT27	RFI 230. 330
	<b>CVR176</b>	200544151	Spacer	RFI X40. 640cc. X40SL. 230
	<b>CVR177</b>	200544154	Stator type B Dia 26x8	RFI X40. 640cc. X40SL. 230
	<b>CVR178</b>	200544155	Rotor type A Dia 24/10x11	RFI X40. 640cc. X40SL. 230
	<b>CVR179</b>	200544165	Tool for mounting 200544160 OD30x60mmL	RFI 230/240/330/440F
	<b>CVR180</b>	200630545	Blade seal assembly	RFI 2030SI
	<b>CVR181</b>	200630634	Wire rewriter	RFI 2030SI. 4030SI. 6030SI
	<b>CVR182</b>	206200580	Contact block assembly	RFI 2020. X020

# Charmilles

## Various

Picture	Sedex No.	Original P/No.	Description	Application
	<b>CVR183</b>	200630655	Electrodes Numbering 39 A 76	RFI 2030SI
	<b>CVR184</b>	200630674	Deflecteur	RFI 2030SI
 SEDEX	<b>CVR185</b>	200640092	Suction nozzle	RFI 2030SI. 4030SI. 6030SI
 SEDEX	<b>CVR186</b>	200640099	Splash guard	RFI 2000. 4000. 6000 RFI 290F. 330F
 SEDEX	<b>CVR187</b>	200640179	Ejector sleeve	RFI 2020SI. 4020SI. 6020SI
 SEDEX	<b>CVR188</b>	200640893	Below PTFE D125/165x296	
	<b>CVR189</b>	200640939	Regulateur De Debit + 2 Clips	---
 SEDEX	<b>CVR190</b>	200640983	Poussoir	---
 SEDEX	<b>CVR191</b>	200641003	Cam lever ceramic	RFI X030
 SEDEX	<b>CVR192</b>	200641065	Totque limiter	---
	<b>CVR193</b>	200641077	Double cone ceramic	---
 SEDEX	<b>CVR194</b>	200641386	Cone OD12.3x1.0Tmm	RFI X40. 640cc
 SEDEX	<b>CVR195</b>	200641606	Deflecteur pour fraise OD27/12.3x0.96mm	
	<b>CVR196</b>	200854750	Cable edge finder lower	
	<b>CVR197</b>	200970601	Battery A98L-0031-0012 F1330F-18I	


# Charmilles

## Various

Picture	Sedex No.	Original P/No.	Description	Application
	<b>CVR198</b>	200972008	Accu nickel-cadmium 1V2 850mAH 940 mAh	---
	<b>CVR199</b>	200970625	Keyboard for ASS.C CL	
	<b>CVR200</b>	202891690	Lower head housing sub-assembly SPW 1.5kg	
	<b>CVR201</b>	204211270	Traction sub assembly	
	<b>CVR202</b>	204225580	Corp main assembly	
	<b>CVR203</b>	204309210	Adaptor plate	RFI 200. 400
	<b>CVR204</b>	204315170	Cutting module complete	RFI 2000. 4000. 6000 RFI 290F. 330F
	<b>CVR205</b>	204325090	Wire threading tubes assy MFS 310	
	<b>CVR206</b>	204344220	Float	---
	<b>CVR207</b>	204435630	Insulated screw sub assembly	---
	<b>CVR208</b>	204443685	INA bearing OD10x15mmL	
	<b>CVR209</b>	204453120	Arm seal	RFI 100. 200. 400. 600
	<b>CVR210</b>	204607220	Threading free wheel kit	
	<b>CVR211</b>	204607240	Lower contact kit	
	<b>CVR212</b>	204617970	Repair kit lower head	RFI X10

# Charmilles













## Various

Picture	Sedex No.	Original P/No.	Descrtion	Application
	<b>CVR213</b>	204624710	Kit splash guard	RFI 290. 3X0. 5X0
	<b>CVR214</b>	204629310	Bearing kit lower head	RFI 330. X40
	<b>CVR215</b>	204990080	Profil-manual	RFI series
	<b>CVR216</b>	206413750	Tooling for nozzle	FIX030
	<b>CVR217</b>	205432820	Insulating Plate with nut M4	FIX030
	<b>CVR218</b>	206300820	Distributor block	RFI series
	<b>CVR219</b>	206308280	Holder of 430586	RFI 330F. X40
	<b>CVR220</b>	206400900	Pipe sub assembly	RFI series
	<b>CVR221</b>	206607310	Conversion kit	RFI 330F. 240/440F
	<b>CVR222</b>	206607320	Kit nozzle one cut'	RFI 330F. 240/440F
	<b>CVR223</b>	206607650	Kit adjustable nozzle	RFI 330F. 240/440F
	<b>CVR224</b>	208551980	Connection periph	
	<b>CVR225</b>	208551990	Connection periph	
	<b>CVR226</b>	209315120	Male bracket prol. Con. D.4-1/4"	RFI 330F. 240/440F
	<b>CVR227</b>	323012538	Air Modular Unit	---



# Charmilles

## Various

Picture	Sedex No.	Original P/No.	Descrtion	Application
 SEDEX	<b>CVR228</b>	326007059	Halogen Bulb for working Lamp Form 20	---
 SEDEX	<b>CVR229</b>	331008957	Bellow Z axis HD30	
 SEDEX	<b>CVR230</b>	331011885	Arm bellow	---
 SEDEX	<b>CVR231</b>	331014459	Arm bellow	---
	<b>CVR232</b>	331017414	V2 Drain Bellow	---
 SEDEX	<b>CVR233</b>	333009867	Insulating block	---
 SEDEX	<b>CVR234</b>	333014031	Lower head guide intenal	---
 SEDEX	<b>CVR235</b>	333014580	Lower contact access cover	---
 SEDEX	<b>CVR236</b>	334016548	Arm tank seal blade	---
 SEDEX	<b>CVR237</b>	335014110	Wire evacuation plexi cover	
	<b>CVR238</b>	337016569	Work Tank Sea	---
 SEDEX	<b>CVR239</b>	343500070	Fuse #5 x 20, 5A	---
 SEDEX	<b>CVR240</b>	343500506	Fuse #5 x 20, 2.5A	---
 SEDEX	<b>CVR241</b>	335008494	Block Water Curtain	---
 SEDEX	<b>CVR242</b>	380504242	Drive Board IMC - B06R:380504242	---

# Charmilles

## Various

Picture	Sedex No.	Original P/No.	Descrtion	Application
	<b>CVR243</b>	388014333	Wear parts Kit for FW1P new type	---
	<b>CVR244</b>	590239193	Shear unit	---

# Charmilles

## Wire guide

Picture	Sedex No.	Original P/No.	Size	Description	Application
	<b>CW101</b>	200431021 100431022 200431114 200431112 100432511 200432512	Φ0.07mm Φ0.102mm Φ0.152mm Φ0.202mm Φ0.252mm Φ0.302mm	Upper	All RFI except F Ceramic housing OD6.0x4.0mmT Ref : 100432511=430585
	<b>CW102</b>	200431026 100431027 200431124 200431122 100430586 200432814	Φ0.07mm Φ0.102mm Φ0.152mm Φ0.202mm Φ0.252mm Φ0.302mm	Lower	All RFI except F Ceramic housing OD5.0x4.0mmT
	<b>CW103</b>	100431022 200431114 200431112 100432511 200432512	Φ0.102mm Φ0.152mm Φ0.202mm Φ0.252mm Φ0.302mm	Upper	All RFI except F SUS housing OD6.0x4.0mmT
	<b>CW104</b>	100431027 200431124 200431122 100430586 200432814	Φ0.102mm Φ0.152mm Φ0.202mm Φ0.252mm Φ0.302mm	Lower	All RFI except F SUS housing OD5.0x4.0mmT
	<b>CW105</b>	100441423	Φ0.85mm	Upper	RFI X00. X40F. X030 Sapphire sleeve nozzle head top-lower
	<b>CW106</b>	100441727	Φ4.0mm	Lower	RFI X00. X40F. X000. X020 Ceramic sleeve guide
	<b>CW107</b>	104447350	Φ0.85mm		RFI 3X0. 5X0. X020. X30/40F Guide sub assembly
	<b>CW108</b>	135009544		V guide	RFI X30. X40 V-guide, Steel
	<b>CW109</b>	135015963		V guide	RFI X30. X40 V-guide, Ceramic
	<b>CW110</b>	135016136		Support-guide set	

# Charmilles

## Wire guide

Picture	Sedex No.	Original P/No.	Size	Description	Application
	<b>CW111</b>	135016355		Guide 0.80mm	CH5 52 Ceramic guide with ring F/CH
	<b>CW112</b>	200341648			CH5 52 Ceramic nozzle with ring F/CH
	<b>CW113</b>	200343383			CH5 52 Sapphire nozzle with ring F/CH
	<b>CW114</b>	200542374 200542375	Φ0.25mm Φ0.25mm	Lower Upper	Taper expert guide
	<b>CW115</b>	200640078		Lower	RFI 2030. 4030. 6030 Ceramic guide dies for rethreading module
	<b>CW116</b>	200640135			RFI X020.1.SI Guide bush injection chamber
	<b>CW117</b>	200641011		Upper	RFI 2030. 4030. 6030 Ceramic guide dies of rethreading module
	<b>CW118</b>	204339880 204339870 204339860 204339850 204339840	Φ0.102mm Φ0.152mm Φ0.202mm Φ0.252mm Φ0.302mm	Lower	RFI 230. 330. 230/330F. 440 SUS flange+ Ceramic on top of pillar
	<b>CW119</b>	206410050			RFI X030 Guide channel
	<b>CW120</b>	206416050		Guide assy	
	<b>CW121</b>	333016574 387017367	Φ0.20mm		FW m/c Ruby wire guide Ref : New no. 387017367
	<b>CW122</b>	335009917	Φ0.255mm	Guide	Electrode guide

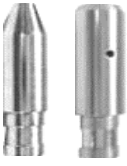
# Charmilles

## Electrode tube guide

Picture	Sedex No.	Original P/No.	Size	Description	Application
	<b>CEG01</b>	335009852 200007108	Φ0.3mm	Tube guide	Ruby insert pipe guide, Ref : page 15~17 Agiecharmillles SD1, HD30, Drill 11, 20,300
	<b>CEG02</b>	335009073 200007102	Φ0.5mm	Tube guide	Ruby insert pipe guide, Ref : page 15~17 Agiecharmillles SD1, HD30, Drill 11, 20,300
	<b>CEG03</b>	335010790 200007109	Φ0.8mm	Tube guide	Ruby insert pipe guide, Ref : page 15~17 Agiecharmillles SD1, HD30, Drill 11, 20,300
	<b>CEG04</b>	335009074 200007103	Φ1.0mm	Tube guide	Ruby insert pipe guide, Ref : page 15~17 Agiecharmillles SD1, HD30, Drill 11, 20,300
	<b>CEG05</b>	335010791	Φ1.2mm	Tube guide	Ruby insert pipe guide, Ref : page 15~17 Agiecharmillles SD1, HD30, Drill 11, 20,300
	<b>CEG06</b>	335010838	Φ1.4mm	Tube guide	Ruby insert pipe guide, Ref : page 15~17 Agiecharmillles SD1, HD30, Drill 11, 20,300
	<b>CEG07</b>	335009075 200007104	Φ1.5mm	Tube guide	Ruby insert pipe guide, Ref : page 15~17 Agiecharmillles SD1, HD30, Drill 11, 20,300
	<b>CEG08</b>	335009076 200007105	Φ2.0mm	Tube guide	Ruby insert pipe guide, Ref : page 15~17 Agiecharmillles SD1, HD30, Drill 11, 20,300
	<b>CEG09</b>	335009077 200007106	Φ2.5mm	Tube guide	Ruby insert pipe guide, Ref : page 15~17 Agiecharmillles SD1, HD30, Drill 11, 20,300
	<b>CEG10</b>	335009078 200007107	Φ3.0mm	Tube guide	Ruby insert pipe guide, Ref : page 15~17 Agiecharmillles SD1, HD30, Drill 11, 20,300
	<b>CEG11</b>	335013223	Φ0.4mm	Tube guide	Ruby insert pipe guide, Ref : page 15~17 Agiecharmillles SD1, HD30, Drill 11, 20,300
	<b>CEG12</b>	335010835	Φ0.7mm	Tube guide	Ruby insert pipe guide, Ref : page 15~17 Agiecharmillles SD1, HD30, Drill 11, 20,300
	<b>CEG13</b>	335010839	Φ1.6mm	Tube guide	Ruby insert pipe guide, Ref : page 15~17 Agiecharmillles SD1, HD30, Drill 11, 20,300
	<b>CEG14</b>	335010792	Φ1.8mm	Tube guide	Ruby insert pipe guide, Ref : page 15~17 Agiecharmillles SD1, HD30, Drill 11, 20,300
	<b>CEG21</b>	200007094	Φ0.3~0.4	Tube guide	Drill 11, 20, 300, HD30, HD30 CNC Electrode pipe guide
	<b>CEG22</b>	200007095 335009127	Φ0.4~0.5	Tube guide	Drill 11, 20, 300, HD30, HD30 CNC Electrode pipe guide
	<b>CEG23</b>	200007096 335009128	Φ0.6~1.0	Tube guide	Drill 11, 20, 300, HD30, HD30 CNC Electrode pipe guide
	<b>CEG24</b>	200007097 335009129	Φ1.1~1.5	Tube guide	Drill 11, 20, 300, HD30, HD30 CNC Electrode pipe guide
	<b>CEG25</b>	200007098 335009130	Φ1.6~2.0	Tube guide	Drill 11, 20, 300, HD30, HD30 CNC Electrode pipe guide
	<b>CEG26</b>	200007099 335009131	Φ2.1~2.5	Tube guide	Drill 11, 20, 300, HD30, HD30 CNC Electrode pipe guide
	<b>CEG27</b>	200007100 335009132	Φ2.6~3.0	Tube guide	Drill 11, 20, 300, HD30, HD30 CNC Electrode pipe guide

# Charmilles

## Tube guide

Picture	Sedex No.	Original P/No.	Description	Application
	<b>CTG01</b>	200001007	Guide $\Phi$ 0.30mm	Refer to page 15~17
	<b>CTG02</b>	200001008	Guide $\Phi$ 0.50mm	Refer to page 15~17
	<b>CTG03</b>	200001009	Guide $\Phi$ 0.80mm	Refer to page 15~17
	<b>CTG04</b>	200001010	Guide $\Phi$ 1.00mm	Refer to page 15~17
	<b>CTG05</b>	200001011	Guide $\Phi$ 1.50mm	Refer to page 15~17
	<b>CTG06</b>	200001012	Guide $\Phi$ 1.70mm	Refer to page 15~17
	<b>CTG07</b>	200001013	Guide $\Phi$ 1.80mm	Refer to page 15~17
	<b>CTG08</b>	200001034	Guide $\Phi$ 0.60mm	Refer to page 15~17
	<b>CTG09</b>	200001035	Guide $\Phi$ 1.90mm	Refer to page 15~17
	<b>CTG10</b>	200001042	Guide $\Phi$ 0.40mm	Refer to page 15~17
	<b>CTG11</b>	200001046	Guide $\Phi$ 0.70mm	Refer to page 15~17
	<b>CTG12</b>	200001047	Guide $\Phi$ 2.50mm	Refer to page 15~17
	<b>CTG13</b>	200001050	Guide $\Phi$ 0.50mm	Refer to page 15~17
	<b>CTG14</b>	200001053	Guide $\Phi$ 0.20mm	Refer to page 15~17
	<b>CTG15</b>	200001056	Guide $\Phi$ 1.20mm	Refer to page 15~17
	<b>CTG16</b>	200001062	Guide $\Phi$ 1.10mm	Refer to page 15~17
	<b>CTG17</b>	200001064	Guide $\Phi$ 1.60mm	Refer to page 15~17
	<b>CTG18</b>	200001065	Guide $\Phi$ 2.90mm	Refer to page 15~17
	<b>CTG19</b>	200001068	Guide $\Phi$ 0.15mm	Refer to page 15~17
	<b>CTG20</b>	200001070	Guide $\Phi$ 1.40mm	Refer to page 15~17
	<b>CTG21</b>	200001072	Guide $\Phi$ 1.30mm	Refer to page 15~17
	<b>CTG22</b>	200001106	Guide $\Phi$ 2.80mm	Refer to page 15~17
	<b>CTG23</b>	200001110	Guide $\Phi$ 2.60mm	Refer to page 15~17
	<b>CTG24</b>	200001111	Guide $\Phi$ 2.70mm	Refer to page 15~17
	<b>CTG25</b>	200001112	Guide $\Phi$ 1.70mm	Refer to page 15~17
	<b>CTG26</b>	200001113	Guide $\Phi$ 1.80mm	Refer to page 15~17
	<b>CTG27</b>	200001117	Guide $\Phi$ 2.10mm	Refer to page 15~17
	<b>CTG28</b>	200001118	Guide $\Phi$ 2.20mm	Refer to page 15~17
	<b>CTG29</b>	200001319	Guide $\Phi$ 0.10mm	Refer to page 15~17