














List of power feed contact				
Ref. No	Model	Picture	Description	Application
M001	X054D125H03		Power feed contact upper & lower D=7 x 22 x 0.7 mm	HA.H1.C.H.G.F1.F.N Manual type
M002	X054D476H01 X054D129H04		Power feed contact lower D=7 x 22 mm	DWC-H.G - SK2.SK3 DWC-F1.F.G - SK1 HA.SZ.SB - AF1
M003A	X054D199H01		Power feed contact upper-B D=2.9 x 0.7 x 16 mm	DWC-G.F1.F - SK1
M003B			Power feed contact upper-B D=2.9 x 0.5 x 16 mm	
M004A	X054D216H01		Power feed contact upper-A D=2.9 x 0.7 x 16 mm	
M004B			Power feed contact upper-A D=2.9 x 0.5 x 16 mm	
M005	X054D345H02		Power feed contact upper 2.5 x 3 x 27.5 mmL	PA.A.Z.HA.B.H1 --AF1 H.G series --SK2.SK3
M005G Not delivery	X054D345H02		Power feed contact upper /Tin-coating 2.5 x 3 x 27.5 mmL	
M005T	X054D345H02		Power feed contact upper /Cermit 2.5 x 3 x 27.5 mmL	
M008	X054D186H03		Power feed contact for fine wire option upper & lower 10 x 6 x 8 mm	DWC-H1.HA series Manual fine option
M009	X056C075H04 X056C075H01		Current supply upper & lower D=24.5 x 20 mmL	QA.RA.FX.CX.PA.FX-K. HA.A.Z.FA AT.AF2.3 type
M009L			Power feed contact /Long life type D=24.5 x 20 mmL	
M009N	X056C432H01 X056C075H06		Current supply upper & lower / Non-polished D=24.5 x 20 mmL	

List of wire guide parts







Ref. No	Model	Picture	Description	Application
M101-1	X053C082G51		Diamond guide upper & lower D=0.205 mm	DWC-N.F Manual
	X053C082G56		Diamond guide upper & lower D=0.255 mm	
	X053C082G58		Diamond guide upper & lower D=0.105 mm	
	X053C082G60		Diamond guide upper & lower D=0.155 mm	
	X053C082G65		Diamond guide upper & lower D=0.305 mm	
	X053C082G68		Diamond guide upper & lower D=0.152 mm	
	X053C082G69		Diamond guide upper & lower D=0.202 mm	
M101-2	X052B040G54		Diamond guide upper & lower D=0.202 mm	DWC-90PG Fine wire-Manual
	X052B040G55		Diamond guide upper & lower D=0.252 mm	
	X052B040G56		Diamond guide upper & lower D=0.302 mm	DWC-F1.G Manual
	X052B040G62		Diamond guide upper & lower D=0.105mm	
	X052B040G63		Diamond guide upper & lower D=0.155 mm	
	X052B040G64		Diamond guide upper & lower D=0.205 mm	
	X052B040G65		Diamond guide upper & lower D=0.255 mm	
X052B040G66	Diamond guide upper & lower D=0.305 mm			
M102	X053C188G52		Diamond guide lower D=0.11 mm	DWC-F1.G.H.H' SK1
	X053C188G53		Diamond guide lower D=0.16 mm	
	X053C188G54		Diamond guide lower D=0.21 mm	DWC-F1.G - SK1 DWC-H.H' - SK1.SK2
	X053C188G55		Diamond guide lower D=0.26 mm	
	X053C188G56		Diamond guide lower D=0.31 mm	
M103	X052B054G51		Diamond guide upper & lower D=0.105 mm	DWC-90PH.HA.H1.C.H Manual
	X052B054G52		Diamond guide upper & lower D=0.155 mm	
	X052B054G53		Diamond guide upper & lower D=0.205 mm	DWC-HA.H1.C.H series Manual
	X052B054G54		Diamond guide upper & lower D=0.255 mm	
	X052B054G55		Diamond guide upper & lower D=0.305 mm	
	X052B054G56		Diamond guide upper & lower D=0.335 mm	DWC-90PH Manual
	X052B054G61		Diamond guide upper & lower D=0.202 mm	
	X052B054G62		Diamond guide upper & lower D=0.252 mm	
	X052B054G63		Diamond guide upper & lower D=0.302 mm	
M104	X052B092G54		Diamond guide lower D=0.21 mm	DWC-H' series SK3
	X052B092G55		Diamond guide lower D=0.26 mm	
	X052B092G56		Diamond guide lower D=0.31 mm	
M105	X053C137G62		Diamond guide upper D=0.11 mm	DWC-F1.G SK1
	X053C137G63		Diamond guide upper D=0.16 mm	
	X053C137G64		Diamond guide upper D=0.21 mm	
	X053C137G65		Diamond guide upper D=0.26 mm	
	X053C137G66		Diamond guide upper D=0.31 mm	
	X053C137G52		Diamond guide upper D=0.11 mm	DWC-F SK1
	X053C137G53		Diamond guide upper D=0.16 mm	
	X053C137G54		Diamond guide upper D=0.21 mm	
	X053C137G55		Diamond guide upper D=0.26 mm	
	X053C137G56		Diamond guide upper D=0.31 mm	
M105-1	X054D190H03		Set pipe upper for C137G L=50 mmL	DWC-F.F1.G Manual.AF
M106	X052B102G51		Diamond guide upper D=0.105 mm	DWC-H.H' series SK1
	X052B102G52		Diamond guide upper D=0.155 mm	
	X052B102G53		Diamond guide upper D=0.205 mm	
	X052B102G54		Diamond guide upper D=0.255 mm	
	X052B102G55		Diamond guide upper D=0.305 mm	
M106-1	X053C431G51		Diamond double guide upper D=0.205 mm	SK2--H'.H.G series SK3--H' series
	X053C431G52		Diamond double guide upper D=0.205 mm	
	X053C431G53		Diamond double guide upper D=0.305 mm	

List of wire guide parts

Ref. No	Model	Picture	Description	Application
M107	X052B123G52		Diamond guide upper D=0.155 mm	DWC-A.B.HA.H1.Z AF1
	X052B123G53		Diamond guide upper D=0.205 mm	
	X052B123G54		Diamond guide upper D=0.255 mm	
	X052B157G52		Diamond guide upper D=0.260 mm for special taper	
	X052B157G53		Diamond guide upper D=0.310 mm for special taper	
	X052B123G56		Diamond guide upper D=0.310 mm	
	X052C458G51		Diamond guide upper D=0.105 mm	
M107-1	X052B240G51		Guide upper with hole-ceramic D=0.155 mm	
	X052B240G52		Guide upper with hole-ceramic D=0.205 mm	
	X052B240G53		Guide upper with hole-ceramic D=0.255 mm	
	X052B240G54		Guide upper with hole-ceramic D=0.310 mm	
	X052B244G51		Guide upper with hole-ceramic D=0.105 mm	
M108	X054D162G54		Set screw upper D=0.4 mm	DWC-F.F1G.N series Manual.AF
M109	X054D171G54		Die guide A upper D=0.4 mm	DWC-G.F.F1.H.H' SK1.SK2.SK3.AF
M110	X053C136G52		Eccentric center dies upper D=0.4 mm	DWC-F.F1.G SK1.AF
	X053C136G54		Eccentric center dies upper D=0.6 mm	
M111	X053C245H02		Die holder for power feed contact upper & lower	G.H.H'.H1.C.HA.CA.SA.SB.SZ SK3.AF.AF1. Manual type
M112 Not delivery	X053C299G51		Eccentric center dies upper	DWC-G.H.H' SK1.SK2.SK3 AF type
M113 Not delivery	X053C628G51		Set screw lower D=0.4 mm x L=2.5mm	DWC-H1.HA.C.CR.SA.SB.SZ AF1 type
M114	X053C241G52		Set screw upper & lower D=0.4 mm	DWC-H.H'.HA.SA.SB.SZ.C Manual type
M117	X052B176G52		Diamond guide lower D=0.155 mm	DWC-SA.SB.HA.H1.SZ.C.CR AF1 type
	X052B176G53		Diamond guide lower D=0.205 mm	
	X052B176G54		Diamond guide lower D=0.255 mm	
	X052B176G55		Diamond guide lower D=0.310 mm	
	X053B176G51		Diamond guide lower D=0.105 mm	
	X053C602G52		Diamond guide lower D=0.260 mm for taper	
	X053C602G53		Diamond guide lower D=0.310 mm for taper	
M117-1	X052B241G51		Guide lower with ceramic on cooling hole D=0.155 mm	
	X052B241G52		Guide lower with ceramic on cooling hole D=0.155 mm	
	X052B241G53		Guide lower with ceramic on cooling hole D=0.205 mm	
	X052B241G54		Guide lower with ceramic on cooling hole D=0.255 mm	
	X052B241G55		Guide lower with ceramic on cooling hole D=0.310 mm	
M120	X053C524G51		Set screw upper D=0.4 mm	DWC-SA.SB.HA.H1.SZ AF1 type
M122	X053C012G54		Wire guide upper & lower D=0.21 mm	DWC-70.90.110.200 Manual.AF
	X053C012G56		Wire guide upper & lower D=0.26 mm	
	X053C012G57		Wire guide upper & lower D=0.31 mm	

List of wire guide parts				
Ref. No	Model	Picture	Description	Application
M124	X053C104G52		Diamond guide lower D=0.11 mm	DWC-F SK1.AF
	X053C104G53		Diamond guide lower D=0.16 mm	
	X053C104G54		Diamond guide lower D=0.21 mm	
	X053C104G55		Diamond guide lower D=0.26 mm	
	X053C104G56		Diamond guide lower D=0.31 mm	
M125	X053C153G55		Sub guide upper D=0.4 mm	DWC-F.F1.G.H SK1.SK2.SK3.AF type
M126	X053C508G51		Sub dies guide B upper D=0.35 mm	DWC-H1.HA.SA.SB.SZ - AF1 type
ME127	X053C990G51		Sub dies B (DD)	FX-K.FX.CX - AF3 type AF2 type series
ME127-1	X056C072H01		Sub dies B / ceramic material	FX-K.FX.CX - AF3 type AF2 type series
ME128	X054D990H01		Contact power feeder	FX-K.FX.CX - AF3 type AF2. AT type series
M131	X177B558H02		Sub dies holder upper	DWC-H1.HA.SA.SB.SZ - AF1 type
MR131-1	X053C557G51		Sub dies A	DWC-H1.HA.SA.SB.SZ - AF1 type
M132	X053C834G51		Guide upper D=0.105 mm	PX05.QA.SX.PA.HA---AF2 CX.FX.FX-K---AF3
	X053C834G52		Guide upper D=0.155 mm	
	X053C834G53		Guide upper D=0.205 mm	
	X053C834G54		Guide upper D=0.255 mm	
	X053C834G56		Guide upper D=0.31 mm	
	X053C992G51		Guide upper D=0.075 mm	PX-05
	X053C994G52		Guide upper D=0.330 mm for taper	
	X056C412G51		Guide upper D=0.055 mm for fine wire option	
	X056C412G53		Guide upper D=0.035 mm for fine wire option	
	X056C412G54		Guide upper D=0.075 mm for fine wire option	
	X056C412G55		Guide upper D=0.105 mm for fine wire option	FA.RA series AT type
	X056C833G51		Diamond guide upper D=0.21 mm	
	X056C833G52		Diamond guide upper D=0.26 mm	
	X056C833G53		Diamond guide upper D=0.31 mm	
	X056C833G55		Diamond guide upper D=0.255 mm	
M133	X052B243G61		Guide lower D=0.205 mm	PX05.QA.SX.PA.HA---AF2 CX.FX.FX-K---AF3
	X052B243G62		Guide lower D=0.31 mm	
	X052B243G63		Guide lower D=0.105 mm	
	X052B243G64		Guide lower D=0.155 mm	
	X052B243G65		Guide lower D=0.255 mm	
	X052B243G66		Guide lower D=0.075 mm	PX-05
	X053C995G52		Guide lower D=0.330mm for taper	
	X052B243G67		Guide lower D=0.055 mm for fine wire option	
	X052B243G73		Guide lower D=0.035 mm for fine wire option	
	X052B387G51		Diamond guide lower D=0.21 mm	
	X052B387G52		Diamond guide lower D=0.26 mm	
	X052B387G53		Diamond guide lower D=0.31 mm	
	X052B387G55		Diamond guide lower D=0.255 mm	

List of wire guide parts				
Ref. No	Model	Picture	Description	Application
M135	X054D896G51		Sub dies A / D=0.50 mm	FX-K.FX.CX series-AF3 AF2 type series
MR135-1	X054D897H01		Holder for sub dies B D=0.50 mm	FX-K.FX.CX series-AF3 AF2 type series
MR136	X059D084G51		Sub dies A	AT type
MR136-1	X058D963G51		Sub dies B	AT type
MR141	X058D975G52		Guide pipe	FA.RA series -AT type
M143	X054D980G51		Guide pipe A	DWC-HA.SZ.SB.SZ.SX AF2 type
MR143-1	X054D836G51		Guide pipe B	DWC-HA.SZ.SB.SZ.SX AF2 type
MR144	X254D913G51		Guide pipe for AWT+ cylinder assembly	FX-K.FX.CX - AF3 type
MR144-1	X258D429G53		Guide pipe for AWT+ cylinder assembly for D=0.1 mm	FX-K.FX.CX - AF3 type
MR145	X054D496G51		Guide pipe A / D=0.5 mm For wire diameter 0.1 mm / 0.15mm	DWC-H1.HA.SA.SB.SZ - AF1 type
MR145-1	X054D504G51		Guide pipe A / D=0.8 mm	DWC-H1.HA.SA.SB.SZ - AF1 type
MR145-2	X053D499G51		Guide pipe B / D=0.5 mm For wire diameter 0.1 mm / 0.15mm	DWC-H1.HA.SA.SB.SZ - AF1 type
MR145-3	X054D424G56		Guide pipe B / D=0.8 mm	DWC-H1.HA.SA.SB.SZ - AF1 type
M146	X056C507G51		Guide U upper D=0.40 mm	QA.FX-K AF3 type

List of water nozzle parts				
Ref. No	Model	Picture	Description	Application
M129A	X054D826H09		Jet nozzle D=0.3 mm OD=23 x L=21 mm	
	X054D826H06 X054D826H02		Jet nozzle D=0.5 mm OD=23 x L=21 mm	
	X054D826H08		Jet nozzle D=1.0 mm OD=23 x L=21 mm	
	X054D826H07		Jet nozzle D=0.75 mm OD=23 x L=21 mm	
	X058D054H02 X054D826H01		Jet nozzle D=1.5 mm OD=23 x L=21 mm	
M129C	X054D826H09		Jet nozzle D=0.3 mm OD=23 x L=21 mm	DWC- HA.SA.SB.SZ.SX.QA.RA.FA (AF2 .AF3. AT)
	X054D826H06 X054D826H02		Jet nozzle D=0.5 mm OD=23 x L=21 mm	
	X054D826H07		Jet nozzle D=0.75 mm OD=23 x L=21 mm	
	X054D826H08		Jet nozzle D=1.0 mm OD=23 x L=21 mm	
	X058D054H02 X054D826H01		Jet nozzle D=1.5 mm OD=23 x L=21 mm	
M129-1			O-ring for M129C & M129A	
M129-2			Spring for M129C & M129A OD=19.5 x 18.5 mmT	
M130C	S684D823P13		Jet nozzle D=0.5 mm	DWC-H1.HA.SA.SB.SZ. series AF1 type
	S684D823P14		Jet nozzle D=1.0 mm	
	S684D898P61		Jet nozzle D=1.5 mm	
M134	X204D293H02		Ring lower	DWC- HA.SA.SB.SZ.SX.CX.FX.QA (AF2/3 type)
M200	X183C443H01		Water nozzle upper D=4.5 mm	DWC-H'.H series -- SK DWC-HA.H1.C.H.90PH--Manual
	X183C443H02		Water nozzle upper D=8.0 mm	
M202A	X183C439H01		Water nozzle upper D=4.5 mm (Ditch)	
	X183C439H03		Water nozzle upper D=8.0 mm (Ditch)	
M202B	X183C439H01		Water nozzle upper D=4.0 mm	
M203 M202/6	X183C439H02		Water nozzle upper D=6.0 mm	
M204 M202/8	X183C439H03		Water nozzle upper D=8.0 mm	
M205Set			M202 type- special long nozzle set L=20/30/40/50 mmL	
M207	X053C491H01		Water nozzle lower D=4.0 mm Plastic type of M2102	
M208 M207/6	X053C491H02 X054D209H22		Water nozzle lower D=6.0 mm Plastic type of M2102	

List of water nozzle parts				
Ref. No	Model	Picture	Description	Application
M209 M207/8	X053C491H03 X054D209H23		Water nozzle lower D=8.0 mm Plastic type of M2102	DWC-H'.H series -- SK DWC-HA.H1.C.H.90PH--Manual
M210	X053C621H01		Water nozzle lower D=4 / 6 / 8 mm Plastic type of M2101	DWC-HA.H1.A.B.Z.PA AF1
M2101	X053C621H01		Flushing nozzle lower D=4 mm cut ceramic	DWC-HA.H1.A.B.Z.PA AF1
	X053C621H02		Flushing nozzle lower D=6 mm cut ceramic	
	X053C621H03		Flushing nozzle lower D=8 mm cut ceramic	
M2102	X054D209H11		Flushing nozzle lower D=4 mm ceramic	DWC-G.F1 series-SK DWC-G.F1.90PG-Manual
	X054D209H12		Flushing nozzle lower D=6 mm ceramic	
	X054D209H13		Flushing nozzle lower D=8 mm ceramic	
M2103	X054D881H03		Nozzle lower D=4 mm ceramic	CX.FX.SX.FA.QA.RA.PX.A HA. PA.FX-K.Z..... (AT.AF2.3) FX10.20..... (AF3)
	X054D881H04		Nozzle lower D=8 mm ceramic	
	X054D881H05		Nozzle lower D=12 mm ceramic	
M211	X183C378H01		Flushing nozzle upper D=4 mm	PA.A.Z.HA.B.H1 series AF1
	X183C378H02		Flushing nozzle upper D=6 mm	
	X183C378H03		Flushing nozzle upper D=8 mm	
	X183C378H04		Flushing nozzle upper D=10 mm	
	X183C378H05		Flushing nozzle upper D=12 mm	
M212	Plastic type for M2103		Flushing nozzle lower D=4	CX.FX.SX.FA.QA.RA.PX.A HA. PA.FX-K.Z..... (AT.AF2.AF3) FX10.20..... (AF3)
			Flushing nozzle lower D=6	
			Flushing nozzle lower D=8	
M212L	X054D918H01		Flushing nozzle lower D=4 mm /Plastic type of FS	CX.FX.SX.FA.QA.RA.PX.A HA. PA.FX-K.Z..... (AT.AF2.AF3) FX10.20..... (AF3)
	Special spec.			
	X054D918H02		Flushing nozzle lower D=8 mm /Plastic type of FS	
M215	X186C793H01		Nozzle upper D=4 mm	FA.RA.QA.PX.CX.SX.PA. FX-K.HA.A.Z.B series (AT.AF2. AF3)
	X186C793H02		Nozzle upper D=8 mm	
	X186C793H03		Nozzle upper D=12 mm	
M215-1	X186C793H01		Water nozzle	CX.SX.FX
M215L			Nozzle(M215) long type - upper set D=4 mm L=20.30.40.50 mm	
M216	X182B458H02		Flushing nozzle holder upper D=65 mm	FA.RA.QA.PX.CX.SX.PA. FX-K.HA.A.Z.B series (AT.AF2. AF3)
M216-1			Flushing nozzle holder upper D=73 mm	
M217	X196C451H01		Flushing nozzle upper D=4 mm	FX10.FX20 AF3
	X196C451H02		Flushing nozzle upper D=8 mm	

List of connected parts				
Ref. No	Model	Picture	Description	Application
M301	X053C162H01		Isolator plate upper for manual taper cut	DWC-H.G.H'.H1.HA.C.F1
M302	X054D185G51		Isolator plate lower for manual type	DWC-F1.G.H.H'
M303	X053C228G52		Isolator plate lower for AF.SK1 type	DWC-F1.G.H.H'
M304	X052B166G51		Isolator plate lower for AF1.AF2 type	DWC-SA.SB.SZ
M305	X053C443H01		Isolator plate lower for manual.AF type	DWC-110H1.200H1 110HA.200HA
M306	X053C314H01		Isolator plate lower for manual.AF type	DWC-90H1.90HA.90C
M307	X056C110G51		Isolator plate lower for AF2.AF3 type	SX.CX
M308	X056C273G51		Isolator plate lower for manual.AF type	FX10
M309	X056C356G51		Isolator plate lower for manual.AF type	FX20.FX30
M310	X056C968G51		Isolator plate lower for AT type	FA10.FX20
M400	X198D838H01		Aspirator lower for AF1.AF2.manual type	DWC-H1.HA.C.SA.SB.SZ
M400-1	X194D998H02		Rectifier ring lower AF1.2.SK3.AT.manual type	H'.H1.HA.SZ.C.SB.SA.SX. CX.FX.QA.RA.FA
M401	X054D257G51		Pinch roller ceramic D=57 x 18 mmT	H'.H.G.F1.F series
	X058D078G51			CX-AF3 (Beginning)
M401-1			Roller shaft for M401 D=15 x 126 mmL	DWC-F.G.H
M402	X054D256G51		Capstan roller ceramic D=57 x 18 mmT	H'.H.G.F1.F series
	X058D077G51			CX-AF3 (Beginning)
M402-1	X176C305H02		Roller shaft for M402 D=15 x 126 mmL	DWC-F.G.H
M403	X054D413G51		Pinch roller without gear / ceramic D=57 x 25 mmT	H'.H1.HA.SZ.C.B.HA.H1 series SB .SA series --- (AF1.AF2) 110PH ----- (SK3)
M403-1			Roller shaft for M403 D=19 X 51 mmL	H2.HA.SZ


List of connected parts				
Ref. No	Model	Picture	Description	Application
M404	X054D412G53		Capstan roller without gear / ceramic D=57 x 25 mmT	H'.H1.HA.SZ.C.B.HA.H1 series SB .SA series --- (AF1.AF2) 110PH ----- (SK3)
M404-1	X183C679H01		Roller shaft D=12 x 112 mmL	H1.H2.HA.SB.SZ series
M404-2	X175C862H01		Roller shaft D=15 x 121 mmL	H1.H2.90H series
M405-Set	X053C779G51		Pinch roller assembly / ceramic / with gear type D=57 x 32 mmT	A.Z.HA.B.H1.C.SX.110PA Manual.AF type
M405	X053C779G51		Pinch roller ceramic Without gear D=57 x 32 mmT	A.Z.HA.B.H1.C.SX.110PA Manual.AF type
MR405-2	X054D413G51		Pinch roller ceramic	A.Z.HA.B.H1.C series H.110PH series SK3
M405-1			Roller shaft D=19 x 51 mmL	A.Z.HA.B.H1.C.SX.110PA Manual.AF type
M406-Set	X053C778G51		Capstan roller assembly / ceramic / with gear type D=57 x 32 mmT	A.Z.HA.B.H1.C.SX.110PA Manual.AF type
M406	X053C778G51		Capstan roller ceramic Without gear D=57 x 32 mmT	A.Z.HA.B.H1.C.SX.110PA Manual.AF type
MR406-2	X054D412G53		Capstan roller ceramic	A.Z.HA.B.H1.C series H.110PH series SK3
M406-1	X185C963H01		Roller shaft for 406 D=15 X 117 mmL	A.Z.HA.B.H1.C.SX.110PA Manual.AF type
M407	X058D340G51		Pinch roller ceramic for manual.AF type D=57 x 18 mmT	FX.RA.FX-K series. FA20
M407-Set			M407C assembly with flange & gear D=57 x 18 mmT	FX.RA.FA20.FX-K
M408	X058D339G51		Capstan roller ceramic Pinch & Capstan roller set for QA.PX-05 type D=57 x 18 mmT	FX.RA.FX-K series. FA20 QA.PX-05=capstan+pinch
M408-Set			M408C with flange & gear D=57 x 18 mmT	FX.RA.FA20.FX-K. QA.PX-05=capstan+pinch
M409	X055C008G51		Pinch roller ceramic D=57 x 25 mmT	FA series AT type
MR409-F	X055C072G51		Pinch roller for 0.1 mm / ceramic D=57 x 25 mmT	FA20
M410	X055C009G51		Capstan roller ceramic D=57 x 25 mmT	FA series AT type

List of connected parts				
Ref. No	Model	Picture	Description	Application
MR410-F	X055C071G51		Capstan roller for 0.1 mm / ceramic D=57 x 25 mmT	FA20
MR411	X058D464H01		Capstan+pinch roller for only PX-05	PX-05
MR412-C	X058D077G51		Capstan roller	CX series
MR412-P	X058D078G51		Pinch roller	CX series
MR413-C	X056C427G51		Capstan roller	90PA
MR413-P	X056C428G51		Pinch roller	90PA
MR414-C	X054D044H03		Castan roller	90PG.90PH
MR414-P	X054D045H03		Pinch roller	90PG.90PH
MR415-C	X054D044H01		Castan roller	90P.90PF
MR415-P	X054D045H01		Pinch roller	90P.90PF
MR416-C	X054D023H01		Castan roller	N series-standard type
MR416-P	X054D023H01		Pinch roller	N series-standard type
M420	X058D501H01		Gear ID=28.0 mm	AF1.2.3.AT C.H1.HA.SA.SB.SZ.SX. RA.FA.
M420-1	X054D257G51		Gear ID=23.0 mm	FX.FX -K
M421C	X203C607H03		Lower roller ceramic OD40 x ID20 mm	(AF3.AT) FX.QA.RA.FA.FX-K series
M422	P840F000P69		Bearing 608V-stainless for M421.421C OD25 x OD22 x ID8 x 7mmT	(AF3.AT) FX.QA.RA.FA.FX-K series
M423	X053C920G51A		Aspirator lower (X053C829G54)	(AF2.AF3.AT) HA.SA.SB.SZ.SX.CX.FX. QA.RA.FA
M425	X058D912G51		Urethane MT pinch roller upper D=50 mm	RA.FA series AT type

List of connected parts				
Ref. No	Model	Picture	Description	Application
M445	X199D297H02		Water cover upper for nozzle (M202.M211) OD200 x ID56 x 2 mmT	H'.H1.H.SA.HA.SB.SZ.C
M445-2	X179D943H03		Water cover upper for nozzle (M215) for AF2.3.AT OD160 X ID60 X 2mmT	QA.RA.FA.CX.SX.HA.SA SB. FX-K.FX.FX30
M451	X179D323H02		Cap screw for current block upper & lower	N.F.F1.G.H.H'.
			Cap screw for current block only lower	H1.HA.C
M452	X176C706G02		Die block upper assembly with M451 & connected parts	DWC-F1.G.H.H'.H1.C.HA
M453-Set	X176C610H01		Die block lower assembly with M453-2. M453-3	DWC-F1.G.H.H'. Manul/AF
M453-1	X176C610H01		Die block lower	DWC-F1.G.H.H'. Manul/AF
M453-2	X184D271H06		Nozzle stopper for lower dies block	DWC-F1.G.H.H'. Manul/AF
M453-3			Die block lower	DWC-F1.G.H.H'. Manul/AF
M454	X177B046H03		Die block lower	DWC-H1.HA Manul/AF
M454-Set			Die block set lower	DWC-H1.HA Manul/AF
MR455-N Not delivery	X174D680H03		Lower pulley "B"	N series Manual type
MR455-90 Not delivery	X174D680H05		Lower pulley "B"	90PH.90PG.90PF Manual type
M455	X602B845G51		Lower pulley "B" complete	DWC-F.F1.G.H.H' series Manual type
M456	X183C442H01		Lower roller	CX.SX.PA.A.Z.HA. B.H1 Manual/AF type
MR456-PX	X203C084H03		Lower roller	PX-05
MR456-C	X194D877H03		Lower roller	C series

List of connected parts				
Ref. No	Model	Picture	Description	Application
MR456-H'	X194D877H03		Lower roller	H' series-SK3
MR456-H'-1	X054D305G51		Lower roller ceramic with groove	H' series-SK3
MR456-SK2	X053C345G51		Lower roller	H' .H.G series-SK2
MR456-SK2P	X054D165H03		Lower pinch roller	H' .H.G series-SK2
MR456-SK1	X054D128H01		Lower roller	H.G.F1.F series SK1
MR456-SK1P	X054D165H01		Lower pinch roller	H.G.F1.F series SK1
M457	S859N319P33		Bearing SSRF-1970DD (M607V) ID=7 mm For M456 OD22 x OD19 x ID7 x 7 mmT	CX.SX.PA.A.Z.HA. B.H1.PX-05
M458	S859N319P31		Bearing SSRF-1980DD (M698V) ID=8 mm For M401C.M403C.M405C.M407C.M409C OD22 x OD19 x ID8 x 7 mmT	F.F1.G.H.H'.H1.HA.C.SA. SB.SZ.SX.CX.QA.FA.RA
M459	X177B713H02		Guide block lower	DWC-90C.HA .H Manual type
M459-Set			Guide block set lower	DWC-90C.HA Manual type
M459-F-Set			Guide block full set lower with M453-Set Water nozzle optional assembly	DWC-90C.HA Manual type
M459-1	X198D777H01		Cover plastic lower for AF1 type	DWC-H1.HA series
M459-2			Fixing plate lower for manual/AF	DWC-H1.HA series
M459-3	X198D776H01		Lower cover (Pipe holder) for manual/AF	DWC-H1.HA series
M459-4	S913N313P11		Wave washer for M456	DWC-H1.HA.SA.SB.SZ. SX.CX Manual/AF type
M459-5	X194D873H01		Spacer for M456	DWC-H1.HA.SA.SB.SZ. SX.CX Manual/AF type
M459-6	S922N040P07		Retaining ring for M456	DWC-H1.HA.SA.SB.SZ. SX.CX Manual/AF type

List of connected parts				
Ref. No	Model	Picture	Description	Application
M459-7	X208D601H01		Guide cover	DWC-A.B.Z.CX.SX
M460	X189D690H04		Stainless clamping for M454 OD=35 mm	DWC-HA.H1.SZ AF1
M461	X053C522G51		Pinch roller upper gear type with M463 Clock wise	DWC- H1.HA.SA.SB.SZ.SX.CX.FX AF1. AF2. AF3 type
M461-1	X054C425G51		Pinch roller upper without gear	AF1 type
M462	X053C522G52		Feed roller upper gear type with M463 Reverse clock wise	DWC- H1.HA.SA.SB.SZ.SX.CX.FX AF1. AF2. AF3 type
M462-1	X054D226H06		Feed roller upper without gear	AF1 type
M462-2	X053C523G51		Feed roller upper without gear / D=20 mm	AF1 type
M463	S811N724P02		Oneway clutch type upper bearing NF-06 For M461.M462	DWC- H1.HA.SA.SB.SZ.SX.CX.FX
M463-1			Bearing XBRRD-SSL1260ZZ Refer to our code F400	DWC- H1.HA.SA.SB.SZ.SX.CX.FX
M470	X209D212H01		Holder lower for M009	DWC- H1.HA.SA.SB.SZ.SX.CX.FX AF2.AF3.AT type
M471	X208D405H01		Holder upper for M009	DWC-HA.SA.SB.SZ.SX.CX.FX. RA.FA series AF2.AF3 type
M501	X056C326G51		Cutter unit special for AF3 type	CX series -end period FX series
MR501FA	S684D894P09A		Cutter unit special	FA series
M501B			Body	
M501BE			Bearing	
M501C			Cap	
M501M			Main blade	
M501S			Spacer	

List of connected parts				
Ref. No	Model	Picture	Description	Application
M501-1	X058D376H01		Fixed blade tungsten carbide for M501	CX series -end period FX series
M501-2	X203C145H04		Aspirator for cutter unit M501 Plastic material	CX series -end period FX series
M501-3	X258D350H01		Detecting nozzle for cutter M501	CX series -end period FX series
M501-4	X258D168G54		Coupling for M501	CX series -end period FX series
M501-5	X258D320G51		Pipe end for cutter unit M501	CX series -end period FX series
M501-6	X058D503G51		Pipe holder for cutter unit M501	CX series -end period FX series
M501-7	X254D700G52		Ceramic wire guide (G3 757) for M501-5	CX series -end period FX series
M502	X058D186G51		Cutter unit special type for AF3 type	CX series - beginning period
M600	X182B893H01		Dies block upper	FX10.FX20
M601	X187B284H01		Dies block upper	FX-K
M602	X181A280G51		Roller base block lower	SX Manual/AF
M603	X181A735G51		Roller base block lower	FX.FX-K Manual/AF
M604	X181A184G52		Guide base lower	HA AF2
M605				FA20
M607 Not delivery			Roller base block lower	FA series

List of connected parts				
Ref. No	Model	Picture	Description	Application
ME701-Set	X182B684H01		Guide base lower assembly with door	HA300.SA.SX.CX.FX.FA AF2 type
ME701	X182B684H01		Guide base lower	HA300.SA.SX.CX.FX.FA AF2 type
ME701-1	X208D528H02		Nozzle stopper	HA300.SA.SX.CX.FX.FA AF2 type
ME701-2	X186C819H01		Dies block cover	HA300.SA.SX.CX.FX.FA AF2 type
ME701-3	X054D943H01		Spring 7 x 40 x 0.8 mmT	SX.CX.FX
ME702	X177B394G53		Dies block upper for M107	H1.A.B.Z.SB.SZ series AF1 type
ME703	X181A354G51		Guide base lower	HA.SZ series AF2 type
ME705	X208D405H01		Dies block upper	SA.SX.CX series
ME706 M605	X187B580H01		Dies block upper	FA10 series
	P421A030P00		Limmit switch	
	S684D896P85		Set of M407 and M408	
M801	X604E746G52		Front skirt	
	S859N315P03		Guide roller	
	X053C175G51		Urethan roller OD100 x ID16 x 16 mmT	DWC-F.G.H.HA
	X054D027H02		Ceramic tube D=2 x 50 mmL	
	X054D121H02		Guide pulley OD66 x ID19 x 6 mmT	
	X054D971H01		Pulley OD80 x ID19 x 20 mmT	

List of connected parts				
Ref. No	Model	Picture	Description	Application
	X174D199H02		Felt pad OD45 x ID10 x 7 mmT	
	X178D933H02		Guide roller	
	X178D933H02		Plate	
	X182B501G51		Collection cover	SZ.SA.SX
	X184D885H01		Wire guide OD60 x ID9 x 44 mmT	
	X194D152H01		Shaft cover	DWC-90H.H series
	X194D458H02		Shaft cover	
	X198D458H02		Shaft cover	DWC-110.200.HA series
	X927D266H01		Nozzle stopper D=20 x 18 mmT	AF3.AT type
			Guide roller prastic OD=90 x 20 mmW Bearing ID=8 mm x 2 PCs inserted	SZ.SX.FX-old. series
			Guide roller prastic OD=90 x 30 mmW ID=19 - 23 mm	FX.FA.QA series
			Guide roller prastic OD=90 x 20 mmW ID=19 - 23 mm	FX-20K
			Guide roller prastic D=60 x 6 mmW	F.G.H.HA.SZ series
			Guide roller prastic D=60 x 40 mmW	F.G.H.HA series
			Collection spring	H.HA.SZ.SA
	X053C137G52		Same as X053C137G62 (M105/D=0.11 mm)	
	X053C137G53		Same as X053C137G63 (M105/D=0.16 mm)	

