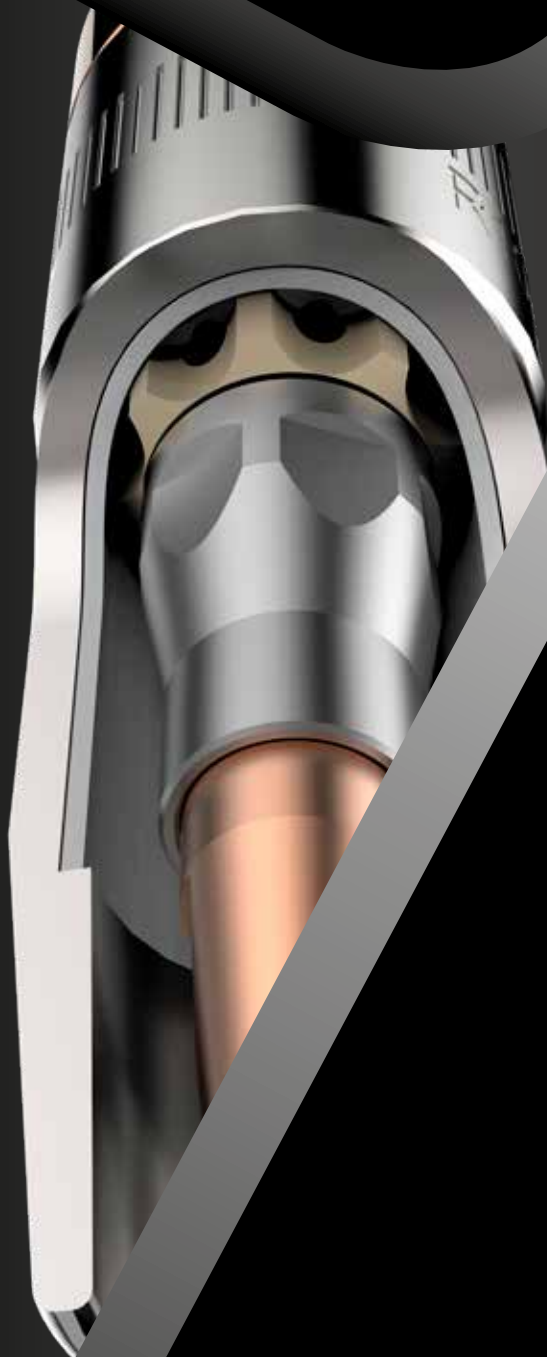


# Spare parts

ROBOTIC WELDING TORCHES





edrtorches  
Robotics



# ROBOTIC

## WELDING TORCHES SPARE PARTS

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## Neck BOT-30G



30

Type	Code	Qty.
Neck torch BOT-30G -0° Long N (X:0, Z:259 mm)	R12 0000	1
Neck torch BOT-30G -22° Long N (X:64, Z:247 mm)	R12 0220	1
Neck torch BOT-30G -45° Long N (X:111, Z:217 mm)	R12 0450	1

30



Nozzle L76xD15.5 mm	R10 0011	2
Nozzle L76xD13 mm	R10 0012	2
Nozzle L79xD15.5 mm	R10 0211	2

30



Insulator nozzle L35xD19.5 mm	R10 0002	2
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30



Contact tip M10 1.0 Cu-BICOMP	R10 0400 10	5
Contact tip M10 1.2 Cu-BICOMP	R10 0400 12	5
Contact tip M10 1.0 CuCrZr	R10 0401 10	5
Contact tip M10 1.2 CuCrZr	R10 0401 12	5

30



Diffuser L26xD18.5 mm M10	R12 0013	2
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30



Insulator neck L11x18.5 mm	R12 0308	2
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30



Type

Code

Qty.

O-ring D23 mm

R10 0401

10

## Neck BOT-31W



31

Neck torch BOT-31W -0° Long N (X:0, Z:243 mm)

R13 1000

1

Neck torch BOT-31W -22° Long N (X:26, Z:236 mm)

R13 1220

1

Neck torch BOT-31W -36° Long N (X:44, Z:227 mm)

R13 1360

1

Neck torch BOT-31W -45° Long N (X:56, Z:219 mm)

R13 1450

1

Neck torch BOT-31W -45L° Long SL (X:56, Z:319 mm)

R13 1451

1

31



Nozzle L47xD13.5 mm

R10 0301

2

31



Contact tip M6 0.8 CuCrZr

R10 0200 08

5

Contact tip M6 1.0 CuCrZr

R10 0200 10

5

Contact tip M6 1.2 CuCrZr

R10 0200 12

5

31



Diffuser insulator neck L19xD18 mm

R12 0314

2



# Spare parts necks

(R)

31



Type

Code

Qty.

Tip holder M6

R10 2103

2

31



O-ring neck D23 mm

R10 0401

10

## Neck BOT-41EC



Neck torch BOT-41EC -0°- Long N (X:0, Z:259 mm)

R14 1000

1

Neck torch BOT-41EC-22°F Long N (X:50, Z:250 mm)

R14 1220

1

Neck torch BOT-41EC-22°L Long L (X:64, Z:297 mm)

R14 1221

1

Neck torch BOT-41EC-36° Long N (X:96, Z:230 mm)

R14 1360

1

Neck torch BOT-41EC-45° Long N (X:111, Z:217 mm)

R14 1450

1

41



Nozzle EC L76x15.5 mm

R10 0021

2

41



Contact tip M8 1.0 Cu-BICOMP

R10 0300 10

5

Contact tip M8 1.2 Cu-BICOMP

R10 0300 12

5





41



41



41



Type

Code

Qty.

Diffuser insulator neck L35xD19.5 mm

R12 0414

2

Tip holder L34xM8xM14

R10 0014

2

O-ring D23 mm

R10 0401

10

## Neck BOT-40W



Neck torch BOT-40W-0° Long N (X:0, Z:259 mm)

R14 0000

1

Neck torch BOT-40W-22° Long N (X:64, Z:247 mm)

R14 0220

1

Neck torch BOT-40W-22°F Long N (X:50, Z:250 mm)

R14 0222

1

Neck torch BOT-40W-22L° Long L (X:64, Z:297 mm)

R14 0221

1

Neck torch BOT-40W-22LF° Long L (X:50, Z:300 mm)

R14 0223

1

Neck torch BOT-40W-36° Long N (X:96, Z:230 mm)

R14 0360

1

Neck torch BOT-40W-45° Long N (X:111, Z:217 mm)

R14 0450

1

40



Nozzle L76xD15.5 mm

R10 0011

2

Nozzle L76xD13 mm

R10 0012

2

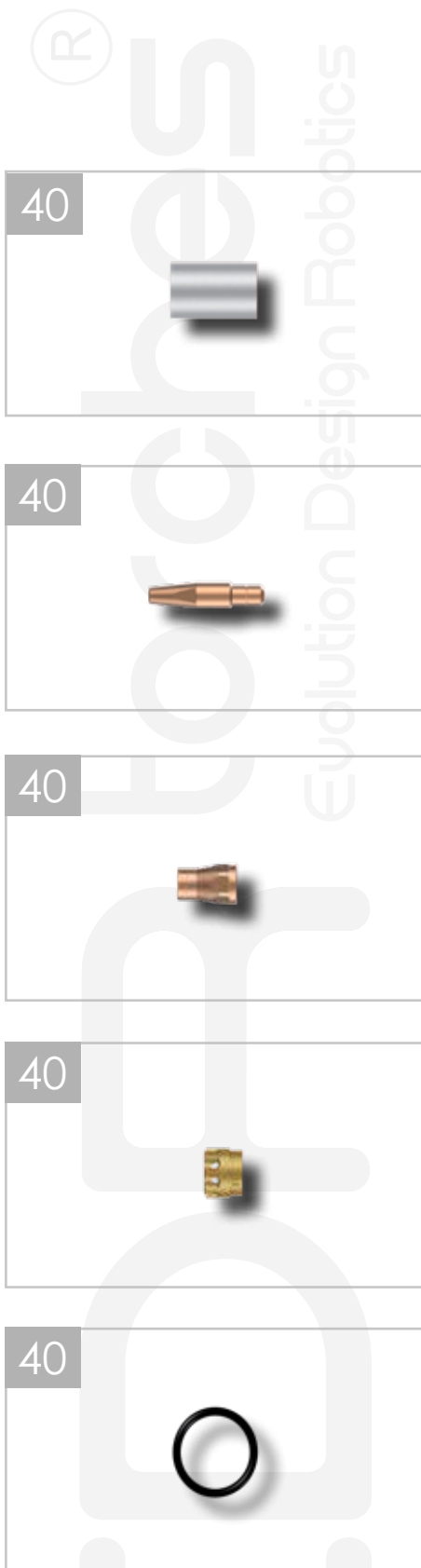
Nozzle L79xD15.5 mm

R10 0211

2



# Spare parts necks



Type	Code	Qty.
Insulator nozzle L35xD19.5 mm	R10 0002	2

Contact tip M10 1.0 Cu-BICOMP	R10 0400 10	5
Contact tip M10 1.2 Cu-BICOMP	R10 0400 12	5
Contact tip M10 1.6 Cu-BICOMP	R10 0400 16	5
Contact tip M10 1.2 Cu-BICOMP Alum.	R10 0400 12A	5
Contact tip M10 1.6 Cu-BICOMP Alum.	R10 0400 16A	5
Contact tip M10 1.0 CuCrZr	R10 0401 10	5
Contact tip M10 1.2 CuCrZr	R10 0401 12	5
Contact tip M10 1.6 CuCrZr	R10 0401 16	5
Tip holder L22xD15 mm M10	R10 0013	2

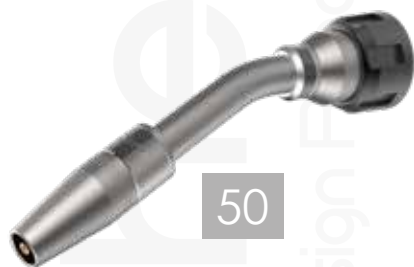
Diffuser insulator neck L14xD18.5 mm	R12 0404	2
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O-ring neck D23 mm	R10 0401	10
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## Neck BOT-50W



50

Type	Code	Qty.
Neck torch BOT-50W-0° Long N (X:0, Z:259 mm)	R15 0000	1
Neck torch BOT-50W-22° Long N (X:64, Z:247 mm)	R15 0220	1
Neck torch BOT-50W-22°F Long N (X:50, Z:250 mm)	R15 0221	1
Neck torch BOT-50W-22°LF Long L (X:50, Z:300 mm)	R15 0222	1
Neck torch BOT-50W-30S° Long S (X:0, Z:347 mm)	R15 0303	1
Neck torch BOT-50W-36° Long N (X:96, Z:230 mm)	R15 0360	1
Neck torch BOT-50W-45° Long N (X:111, Z:217 mm)	R15 0450	1

50



Nozzle L60x15.5 mm	R12 0551	2
Nozzle L60x18 mm	R12 0552	2

50



Insulator Nozzle L28xD23 mm	R10 0602	2
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50



Contact tip M10 1.0 Cu-BICOMP	R10 0400 10	5
Contact tip M10 1.2 Cu-BICOMP	R10 0400 12	5
Contact tip M10 1.6 Cu-BICOMP	R10 0400 16	5
Contact tip M10 1.2 Cu-BICOMP Alum.	R10 0400 12A	5
Contact tip M10 1.6 Cu-BICOMP Alum.	R10 0400 16A	5
Contact tip M10 1.0 CuCrZr	R10 0401 10	5
Contact tip M10 1.2 CuCrZr	R10 0401 12	5
Contact tip M10 1.6 CuCrZr	R10 0401 16	5

50



Tip holder L22xD15 mm M10	R10 0013	2
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50



Diffuser insulator neck L16xD20.5 mm	R12 0604	2
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# Spare parts necks

(R)

50



Type	Code	Qty.
O-ring nozzle D24 mm	R12 0607	10

50



Nozzle support L36xD30 mm	R12 0550	1
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## Neck BOT-60W



Neck torch BOT-60W-0° Long N (X:0, Z:259 mm)	R16 0000	1
Neck torch BOT-60W-22° Long N (X:64, Z:247 mm)	R16 0220	1
Neck torch BOT-60W-22°L Long L (X:64, Z:297 mm)	R16 0221	1
Neck torch BOT-60W-22°XXL Long L (X:69, Z:453 mm)	R16 0224	1
Neck torch BOT-60W-36°XXL Long XXL (X:103, Z:435 mm)	R16 0364	1
Neck torch BOT-60W-45°XXL Long XXL (X:121, Z:419 mm)	R16 0454	1

60



Nozzle L16x15.5 mm	R12 0611	2
Nozzle L16x18 mm	R12 0612	2
Nozzle L16x21 mm	R12 0613	2

60



Insulator Nozzle L28xD23 mm	R10 0602	2
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60



60



60



60



60

**Type****Code****Qty.**

Contact tip M10 1.0 Cu-BICOMP

R10 0400 10

5

Contact tip M10 1.2 Cu-BICOMP

R10 0400 12

5

Contact tip M10 1.6 Cu-BICOMP

R10 0400 16

5

Contact tip M10 1.2 Cu-BICOMP Alum.

R10 0400 12A

5

Contact tip M10 1.6 Cu-BICOMP Alum.

R10 0400 16A

5

Contact tip M10 1.0 CuCrZr

R10 0401 10

5

Contact tip M10 1.2 CuCrZr

R10 0401 12

5

Contact tip M10 1.6 CuCrZr

R10 0401 16

5

Tip holder L22xD15 mm M10

R10 0013

2

Diffuser insulator neck L16xD20.5 mm

R12 0604

2

O-ring nozzle D24 mm

R12 0607

10

Nozzle support L83xD32 mm

R12 0609

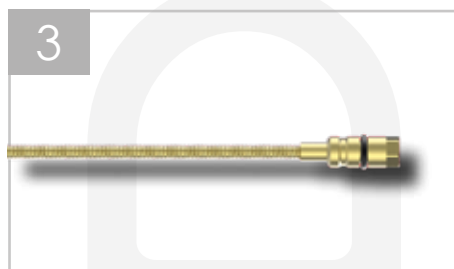
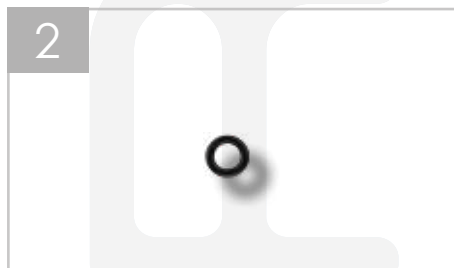
1



# Common spare parts necks

## Connector neck

## TCP Programming



Type	Code	Qty.
O-ring power cable	R20 0603	10

O-ring neck water	R12 0008	10
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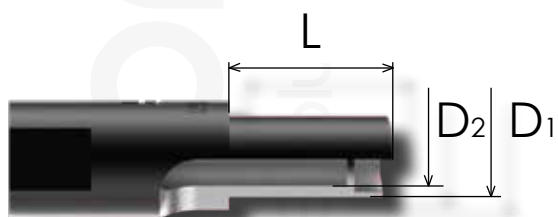
Liner for Neck Long N (L:217 mm)	R10 1112	1
Liner for Neck Long L (L:267 mm)	R10 1113	1
Liner for Neck Long SL (L:317 mm)	R10 1114	1
Liner for Neck Long S (L:330 mm)	R10 1115	1
Liner for Neck Long XXL (L:421 mm)	R10 1116	1

Tip TCP M6-12 mm Programming	R10 0312	1
Tip TCP M8-15 mm Programming	R10 0215	1
Tip TCP M10-15 mm Programming	R10 0115	1
Tip TCP M10-18 mm Programming	R10 0118	1



Type	Code	Qty.
Neck tool BOT	R04 0000	1

## Reamer for CS2



Cleaning reamer TH L23xD13xD8.5 mm	R03 2030	1
Cleaning reamer EC TH L38.5xD15xD10.5 mm	R03 2010	1
Cleaning reamer TH L26xD15xD10.5 mm	R03 2040	1
Cleaning reamer TH L22xD12.5xD10.5 mm	R03 2041	1
Cleaning reamer TH L26xD17.5xD10.5 mm	R03 2050	1
Cleaning reamer TH L29xD17.5xD10.5 mm	R03 2060	bp
Cleaning reamer TH L29xD15xD10.5 mm	R03 2061	bp
Cleaning reamer TH L29xD20.5xD10.5 mm	R03 2062	bp

## Euro connector type

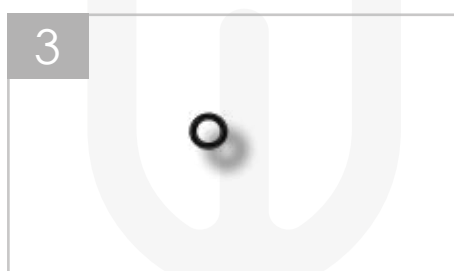
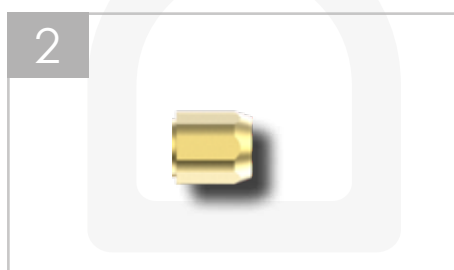
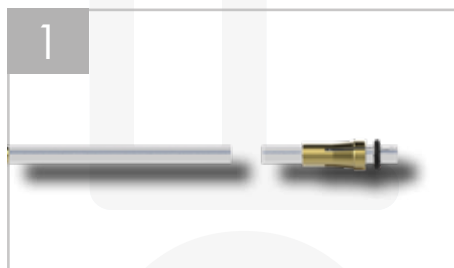
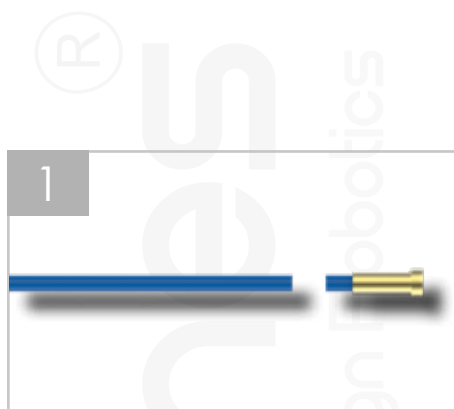


## Miller connector type



## Panasonic connector type





Type	Code	Qty.
Guide blue L1600xD4.6xD1.5mm(0.8-1.0)-Euro	M99SR01B	1
Guide blue L2600xD4.6xD1.5mm(0.8-1.0)-Euro	M99SR02B	1
Guide blue L3600xD4.6xD1.5mm(0.8-1.0)-Euro	M99SR03B	1
Guide blue L4600xD4.6xD1.5mm(0.8-1.0)-Euro	M99SR04B	1

Guide black L1600xD5.3xD2.2mm(1.2-1.6)-Euro	M99 4001	1
Guide black L2600xD5.3xD2.2mm(1.2-1.6)-Euro	M99 4002	1
Guide black L3600xD5.3xD2.2mm(1.2-1.6)-Euro	M99 4003	1
Guide black L4600xD5.3xD2.2mm(1.2-1.6)-Euro	M99 4004	1

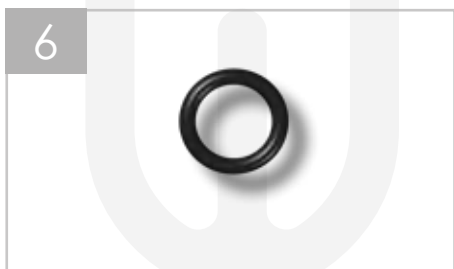
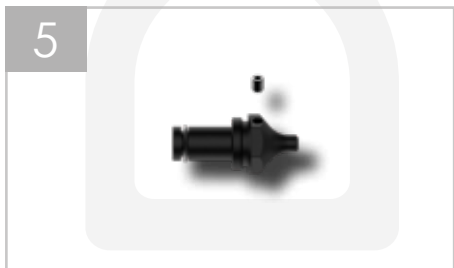
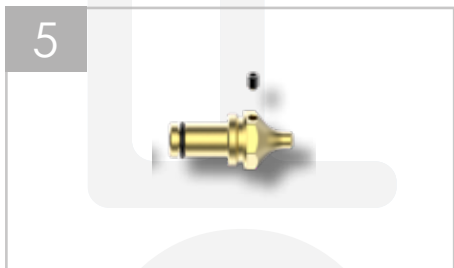
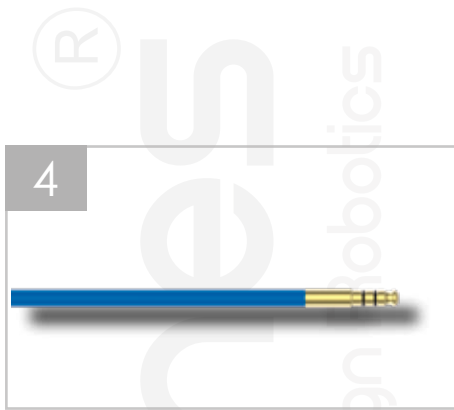
Guide for Alum BOT L1700xD4.5xD2.5mm(1.2-1.6)-Euro	M99 7001	1
Guide for Alum BOT L2700xD4.5xD2.5mm(1.2-1.6)-Euro	M99 7002	1
Guide for Alum BOT L3700xD4.5xD2.5mm(1.2-1.6)-Euro	M99 7003	1
Guide for Alum BOT L4700xD4.5xD2.5mm(1.2-1.6)-Euro	M99 7004	1

Guide TEFLON itBOT L1700xD4xD2mm(1.0-1.2)-Euro	M99 8001	1
Guide TEFLON itBOT L2700xD4xD2mm(1.0-1.2)-Euro	M99 8002	1
Guide TEFLON itBOT L3700xD4xD2mm(1.0-1.2)-Euro	M99 8003	1

Guide cap Euro-BOT	R6 0000 04	1
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O-ring gas connection Euro	R2 2000 0206	10
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# Spare parts guide wire



Type	Code	Qty.
Guide blue L1600xD4.6xD1.5mm(0.8-1.0)-Miller	M99 1001	1
Guide blue L2600xD4.6xD1.5mm(0.8-1.0)-Miller	M99 1002	1
Guide blue L3600xD4.6xD1.5mm(0.8-1.0)-Miller	M99 1003	1
Guide blue L4600xD4.6xD1.5mm(0.8-1.0)-Miller	M99 1004	1

Guide black L1600xD5.3xD2.2mm(1.2-1.6)-Miller	M99 1101	1
Guide black L2600xD5.3xD2.2mm(1.2-1.6)-Miller	M99 1102	1
Guide black L3600xD5.3xD2.2mm(1.2-1.6)-Miller	M99 1103	1
Guide black L4600xD5.3xD2.2mm(1.2-1.6)-Miller	M99 1104	1

Guide for Alum BOT L1700xD4.5xD2.5mm(1.2-1.6)-Miller	M99 1401	1
Guide for Alum BOT L2700xD4.5xD2.5mm(1.2-1.6)-Miller	M99 1402	1

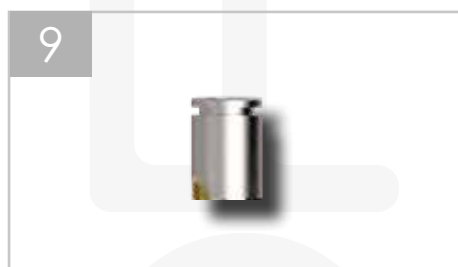
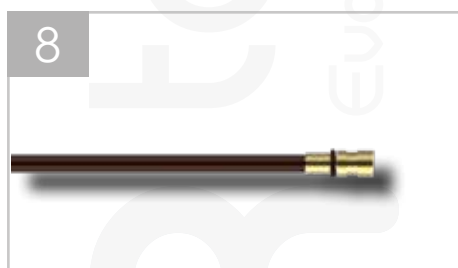
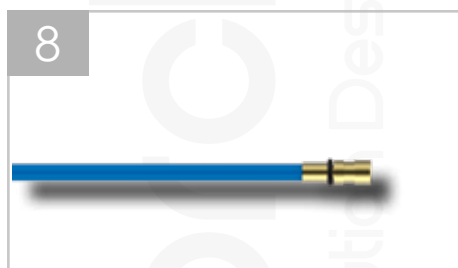
Guide cap Miller-BOT	R60 0014	1
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Guide cap Alum. Miller-BOT	R60 0114	1
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O-ring gas connection Miller	R6 0001 02	4
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Type	Code	Qty.
O-ring protection Miller-BOT	R6 0203 02	2

Guide blue L1600xD4.6xD1.5mm(0.8-1.0)-Panasonic	M99 1301	1
Guide blue L2600xD4.6xD1.5mm(0.8-1.0)-Panasonic	M99 1302	1
Guide blue L3600xD4.6xD1.5mm(0.8-1.0)-Panasonic	M99 1303	1
Guide blue L4600xD4.6xD1.5mm(0.8-1.0)-Panasonic	M99 1304	1

Guide black L1600xD5.3xD2.2mm(1.2-1.6)-Panasonic	M99 1201	1
Guide black L2600xD5.3xD2.2mm(1.2-1.6)-Panasonic	M99 1202	1
Guide black L3600xD5.3xD2.2mm(1.2-1.6)-Panasonic	M99 1203	1
Guide black L4600xD5.3xD2.2mm(1.2-1.6)-Panasonic	M99 1204	1

Tube gas connector D6	R6 0202 03	1
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# Adapter disc for robots



	Model	Code	Measure
KUKA			
	KR6 R1820 arc HW*	R71 0040L	D58x6xM4 (11)
	KR8 R1420 arc HW*	R71 0040L	D58x6xM4 (11)
	KR8 R1620 arc HW*	R71 0040L	D58x6xM4 (11)
	KR8 R2100 arc HW*	R71 0040L	D58x6xM4 (11)
	KR6	R73 0020	D50x4xM6
	KR16HW	R71 0050	D66X11XM5
YASKAWA			
	MA1440	R71 0060L	D56x8xM4
	MA2010	R71 0060L	D56x8xM4
	MA1400	R71 0010	D56x6xM4
	MA1800	R71 0010	D56x6xM4
	MA1900	R71 0010	D56x6xM4
FANUC			
	ARCIMATE 100i	R73 0010	D40x4xM6
	ARCIMATE 120iL	R73 0010	D40x4xM6
	ARCIMATE 100iD*	R71 0060L	D56x8xM4
	ARCIMATE 120iD*	R71 0060L	D56x8xM4
ABB			
	IRB 1600	R73 0010	D40x4xM6
	IRB 1600 ID	-	D66x4xM6
	IRB 2600	R73 0030	D50x6xM6
	IRB 2600 ID	R71 0070	D80x6xM8
PANASONIC			
	AW 8010	R73 0020	D50x4xM6
	AW 1400	R71 0080	D67x4xM5
	AW2000	R71 0080	D67x4xM5



UNIVERSAL ROBOTS			
	UR3	R75 0020	D50x4xM6D
	UR5	R75 0020	D50x4xM6D
	UR10	R75 0020	D50x4xM6D
OTC			
	FD-B4S	R71 0080	D67x4xM5
	FD-B6	-	D77x4xM5
	FD-B6L	-	D77x4xM5
	FD-V6LS	R73 0010	D40x4xM6
	FD-V8	R73 0010	D40x4xM6
	FD-V8L	R73 0010	D40x4xM6
KAWASAKI			
	BA006L	R71 0010	D56x6xM4

\* Code R71 0040L replaces de old code R71 0040

\* Code R71 0060L replaces de old code R71 0060

# ROBOTIC

## Spare parts



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