

ERGOPLUS 15



3 - 5 m
10' - 16,4'

0,6 Kg
1,43 lb

1 m
3,3'

V
peak

113

0,6 - 1,0 mm
.023" - .045"

X
60% 180A CO₂
150A Mix



CODE	↔	⚡
MA7043	3 m / 10'	EURO
MA7044	4 m / 12'	EURO
MA7045	5 m / 16,4'	EURO
MA7090T	3 m / 10'	TWECO®
MA7091T	4 m / 12'	TWECO®
MA7092T	5 m / 16,4'	TWECO®
MA7090M	3 m / 10'	MILLER®
MA7091M	4 m / 12'	MILLER®
MA7092M	5 m / 16,4'	MILLER®
MA7090L	3 m / 10'	LINCOLN®
MA7091L	4 m / 12'	LINCOLN®
MA7092L	5 m / 16,4'	LINCOLN®

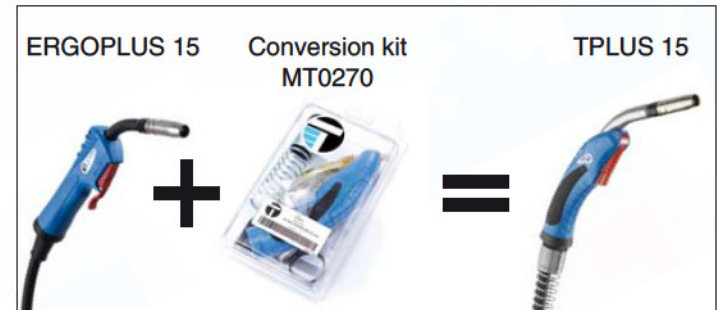
CODE	↔	⚡
MA7090	3 m / 10'	5/8-18 UNF
MA7091	4 m / 12'	5/8-18 UNF
MA7092	5 m / 16,4'	5/8-18 UNF

Liner included



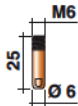
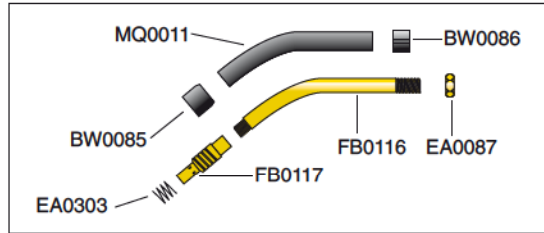
CODE	KIT
AR0170	Tweco® 1/4 KIT
AR0172	Lincoln® KIT
AR0173	Miller® KIT

Kit to be assembled
by a qualified technician
[see page 291](#)



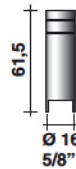
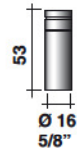
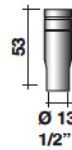
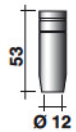
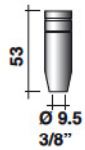
EN 60974-7





Ø mm	Ø in	Cu	Cu-Ni	Cu for Al	CuCrZr
0,6	.023	MD0008-06 (140.0008)	MD0008-36		
0,8	.030	MD0008-08 (140.0059)	MD0008-38	MD0008-58 (141.0002)	MD0008-78 (140.0062)
0,9	.035	MD0008-09 (140.0177)			
1,0	.040	MD0008-10 (140.0253)	MD0008-40	MD0008-60 (141.0007)	MD0008-80 (140.0256)
1,2	.045	MD0008-12 (140.0387)	MD0008-42	MD0008-62	MD0008-82

MC0017 (145.0123)	MC0018 (145.0075)	MC0266 (145.0143)	MC0019 (145.0041)	MC0020 (145.0168)
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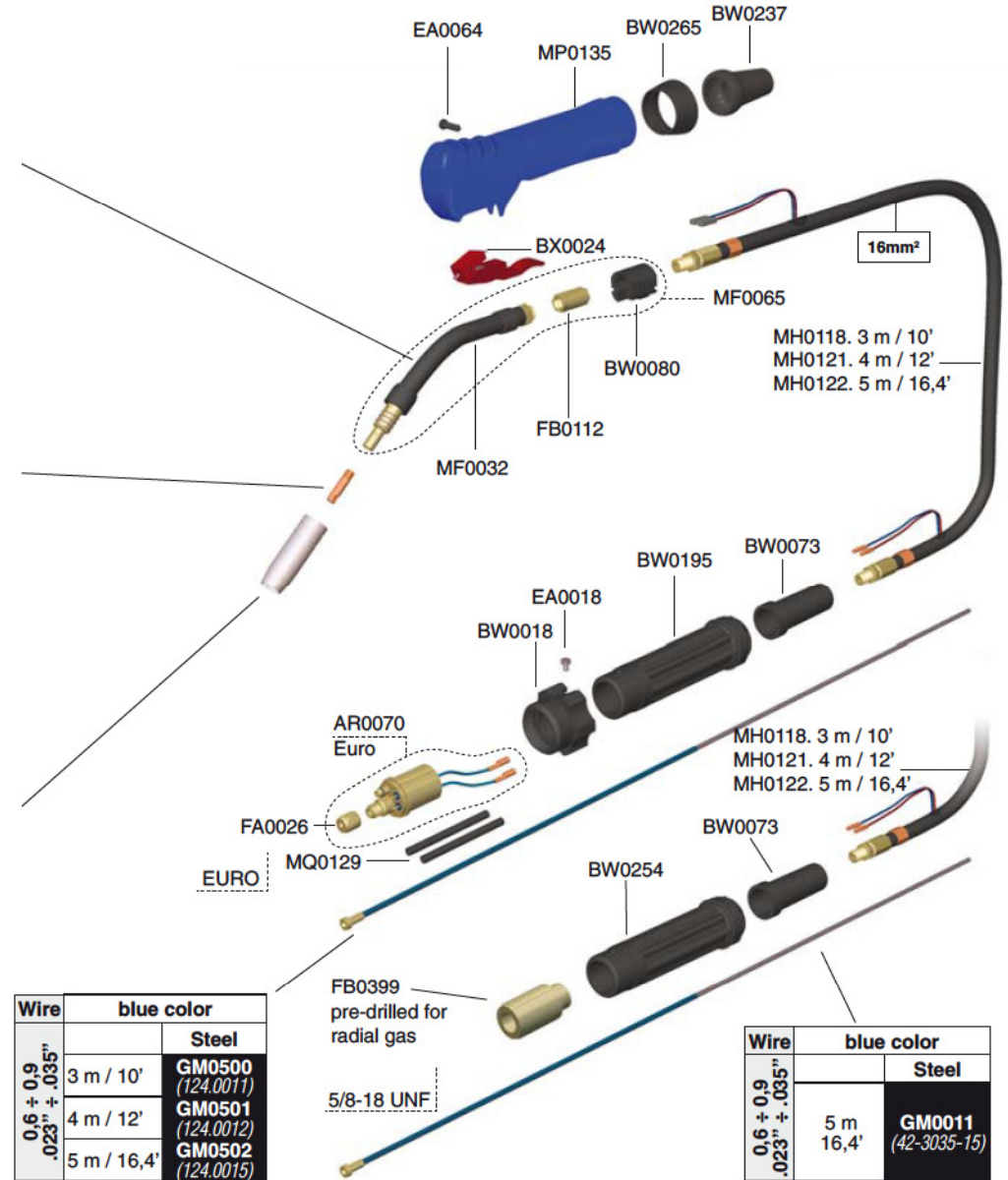


Wire	blue color	
		Steel
0,6 + 0,9 .023" + .035"	3 m / 10'	GM0500 (124.0011)
	4 m / 12'	GM0501 (124.0012)
	5 m / 16,4'	GM0502 (124.0015)

FB0399
pre-drilled for
radial gas

5/8-18 UNF

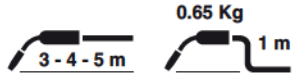
Wire	blue color	
		Steel
0,6 + 0,9 .023" + .035"	5 m 16,4'	GM0011 (42-3035-15)



STANDARD

(REF.)

ERGOPLUS 15 Flex



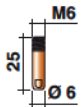
V peak	113	mm	0.6 - 0.8 0.9 - 1.0	X	180A CO ₂ 150A Mix
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CODE	↔	EU
MA7020-03	3 m	EURO
MA7020-04	4 m	EURO
MA7020-05	5 m	EURO



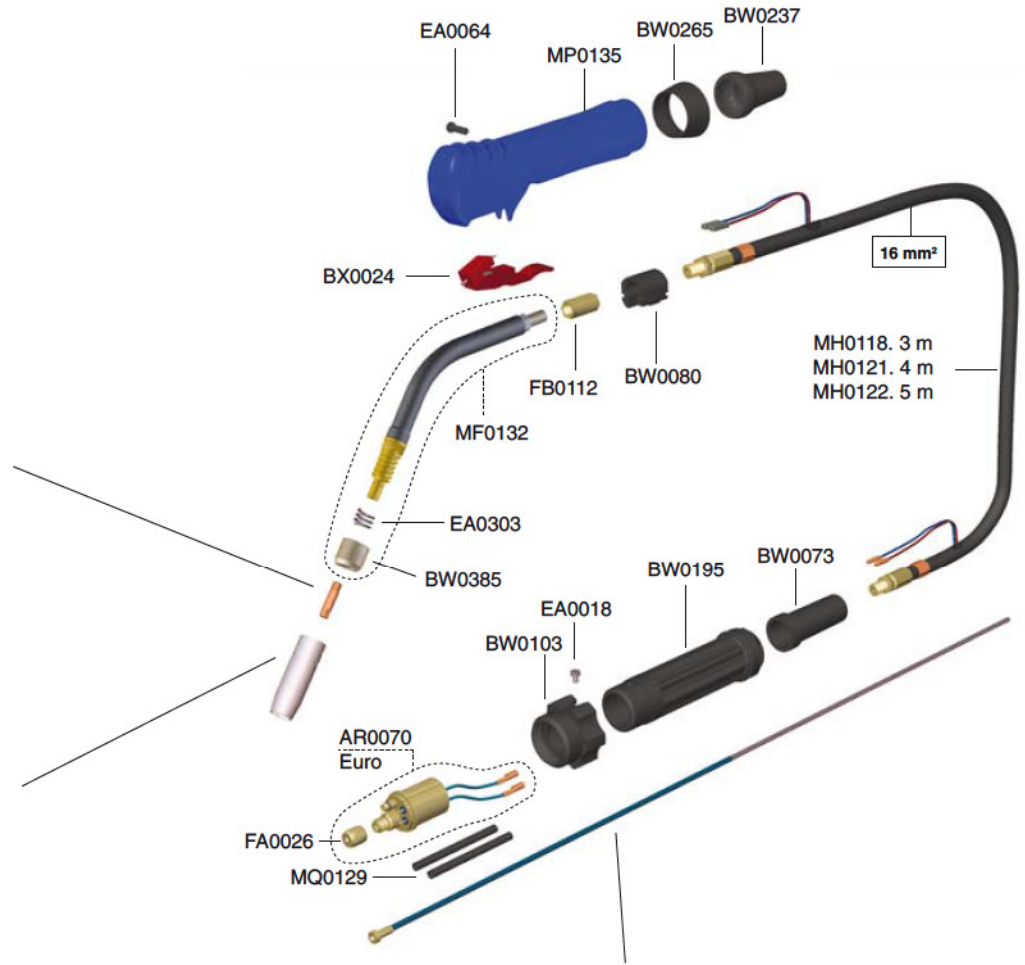
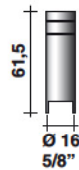
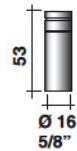
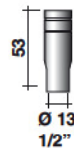
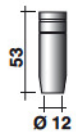
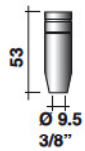
EN 60974-7





Ø mm	Ø in	Cu	Cu-Ni	Cu for Al	CuCrZr
0,6	.023	MD0008-06 (140.0008)	MD0008-36		
0,8	.030	MD0008-08 (140.0059)	MD0008-38	MD0008-58 (141.0002)	MD0008-78 (140.0062)
0,9	.035	MD0008-09 (140.0177)			
1,0	.040	MD0008-10 (140.0253)	MD0008-40	MD0008-60 (141.0007)	MD0008-80 (140.0256)
1,2	.045	MD0008-12 (140.0387)	MD0008-42	MD0008-62	MD0008-82

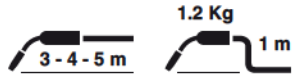
MC0017 (145.0123)	MC0018 (145.0075)	MC0266 (145.0143)	MC0019 (145.0041)	MC0020 (145.0168)
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Wire	blue color	
		Steel
0,6 ± 0,9 .023" ± .035"	3 m / 10'	GM0500 (124.0011)
	4 m / 12'	GM0501 (124.0012)
	5 m / 16,4'	GM0502 (124.0015)

STANDARD (REF.)

ERGOPLUS 24



V peak	113	mm	0.8 - 0.9 1.0 - 1.2	X	250A CO ₂ 220A Mix
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CODE	↔	EURO
MA7143	3 m	EURO
MA7144	4 m	EURO
MA7145	5 m	EURO



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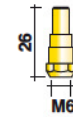




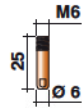
ME0084 (012.0183) plastic white	ME0584 ceramic	ME0086 silicon red	ME0484 compound high tech
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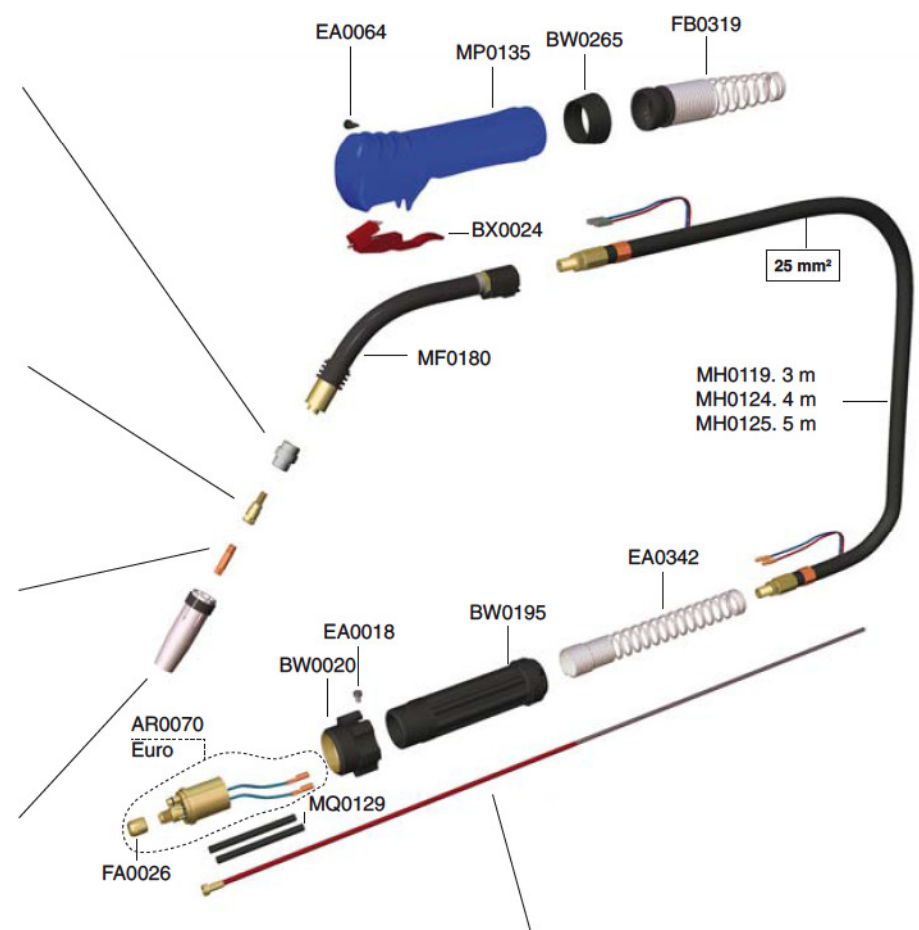
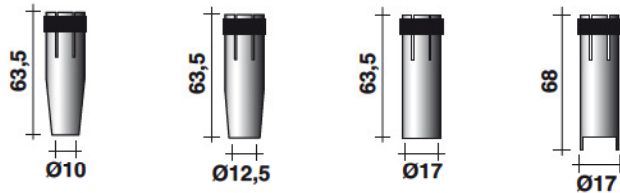
MD0138-00
brass



Ø mm	Ø in	Cu	Cu-Ni	Cu for Al	CuCrZr
0,6	.023	MD0008-06 (140.0008)	MD0008-36		
0,8	.030	MD0008-08 (140.0059)	MD0008-38	MD0008-58 (141.0002)	MD0008-78 (140.0062)
0,9	.035	MD0008-09 (140.0177)			
1,0	.040	MD0008-10 (140.0253)	MD0008-40	MD0008-60 (141.0007)	MD0008-80 (140.0256)
1,2	.045	MD0008-12 (140.0387)	MD0008-42	MD0008-62	MD0008-82



MC0302 (145.0128)	MC0301 (145.0080)	MC0300 (145.0047)	MC0303
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Wire	red color	
1,0 ÷ 1,2 .040" ÷ .045"		Steel
	3 m / 10'	GM0510 (124.0026)
	4 m / 12'	GM0511 (124.0031)
	5 m / 16,4'	GM0512 (124.0035)

STANDARD (REF.)

ERGOPLUS 25



3 - 5 m
10' - 16,4'

1,2 Kg
2,76 lb

1 m
3,3'

V
peak

113

0.8 - 1.2 mm
.030" - .045"

X
60% 230A CO₂
220A Mix



CODE	↔	⏏
MA7243	3 m / 10'	EURO
MA7244	4 m / 12'	EURO
MA7245	5 m / 16,4'	EURO
MA7290T	3 m / 10'	TWECO®
MA7291T	4 m / 12'	TWECO®
MA7292T	5 m / 16,4'	TWECO®
MA7290M	3 m / 10'	MILLER®
MA7291M	4 m / 12'	MILLER®
MA7292M	5 m / 16,4'	MILLER®
MA7290L	3 m / 10'	LINCOLN®
MA7291L	4 m / 12'	LINCOLN®
MA7292L	5 m / 16,4'	LINCOLN®

CODE	↔	⏏
MA7290	3 m / 10'	5/8-18 UNF
MA7291	4 m / 12'	5/8-18 UNF
MA7292	5 m / 16,4'	5/8-18 UNF

Liner included



CODE	KIT
AR0170	Tweco® 1/4 KIT
AR0172	Lincoln® KIT
AR0173	Miller® KIT

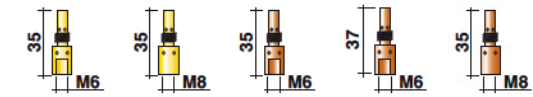
Kit to be assembled
by a qualified technician
[see page 291](#)



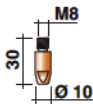
EN 60974-7



ME0216 - brass	ME0240 - brass	ME0016 (142.0001) copper	ME0060 - copper	ME0040 - copper
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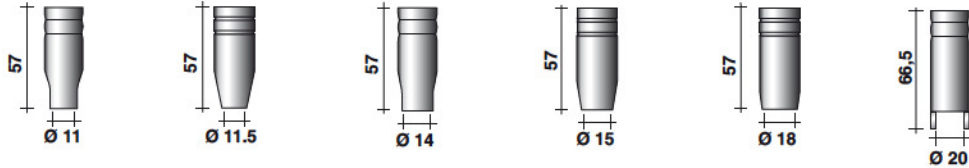


Ø mm	Ø in	Cu	Cu-Ni	Cu for Al	CuCrZr	Triangular Cu
0,6	.023	MD0009-06 (140.0005)	MD0009-36		MD0009-76	-
0,8	.030	MD0009-08 (140.0051)	MD0009-38	MD0009-58 (141.0001)	MD0009-78 (140.0054)	MD1009-08
0,9	.035	MD0009-09 (140.0169)				
1,0	.040	MD0009-10 (140.0242)	MD0009-40	MD0009-60 (141.0006)	MD0009-80 (140.0245)	MD1009-10
1,2	.045	MD0009-12 (140.0379)	MD0009-42	MD0009-62 (141.0010)	MD0009-82 (140.0382)	MD1009-12
1,4	.052	MD0009-14	-	MD0009-44	MD0009-84	-
1,6	1/16	MD0009-16 (140.0555)	MD0009-46	MD0009-66	-	MD0009-86



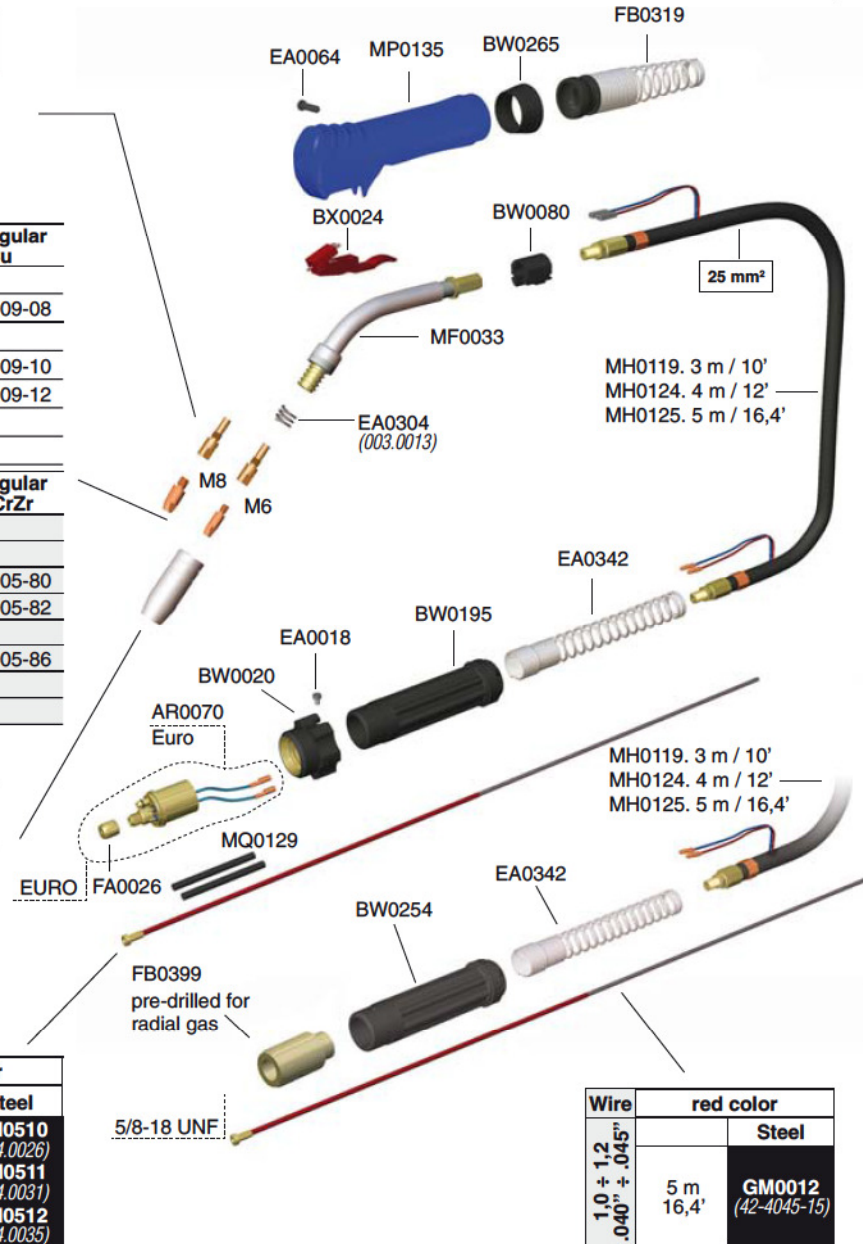
Ø mm	Ø in	Cu	Cu-Ni	Cu for Al	CuCrZr	Triangular Cu	Triangular CuCrZr
0,8	.030	MD0005-08 (140.0114)	MD0005-38	MD0005-58 (141.0003)	MD0005-78	-	
0,9	.035	MD0005-09	-	MD0005-59	-		
1,0	.040	MD0005-10 (140.0313)	MD0005-40	MD0005-60 (141.0008)	MD0005-80 (140.0316)	MD1005-10	MD1005-80
1,2	.045	MD0005-12 (140.0442)	MD0005-42	MD0005-62 (141.0015)	MD0005-82 (140.0445)	MD1005-12	MD1005-82
1,4	.052	MD0005-14	-	MD0005-44	MD0005-84	-	
1,6	1/16	MD0005-16 (140.0587)	MD0005-46	MD0005-66 (141.0022)	MD0005-86 (140.0590)	MD1005-16	MD1005-86
2,0	5/64	MD0005-20 (140.0653)		MD0005-70	-	MD0005-90	-
2,4	3/32	MD0005-24 (140.0677)		MD0005-74	-	MD0005-94	-

MC0265	MC0022 (145.0124)	MC0267	MC0023 (145.0076)	MC0024 (145.0042)	MC0025 (145.0169)
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Wire	red color	
		Steel
1,0 ± 1,2 .040" ± .045"	3 m / 10'	GM0510 (124.0026)
	4 m / 12'	GM0511 (124.0031)
	5 m / 16,4'	GM0512 (124.0035)

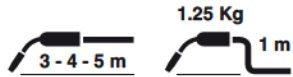
Wire	red color	
		Steel
1,0 ± 1,2 .040" ± .045"	5 m / 16,4'	GM0012 (42-4045-15)



STANDARD

(REF.)

ERGOPLUS 25 Flex



V peak	113	mm	0.8 - 0.9 1.0 - 1.2	X	230A CO ₂ 220A Mix
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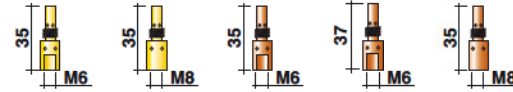
CODE	↔	EURO
MA7220-03	3 m	EURO
MA7220-04	4 m	EURO
MA7220-05	5 m	EURO



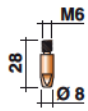
EN 60974-7



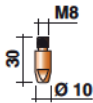
ME0216 - brass	ME0240 - brass	ME0016 <i>(142.0001)</i> copper	ME0060 - copper	ME0040 - copper
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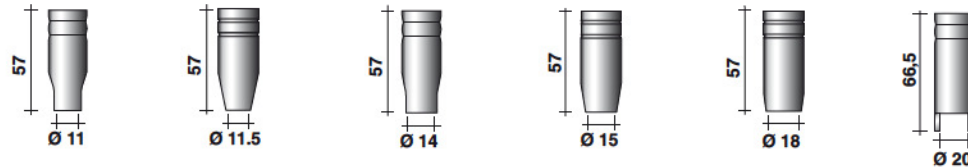
Ø mm	Ø in	Cu	Cu-Ni	Cu for Al	CuCrZr	Triangular Cu
0,6	.023	MD0009-06 (140.0005)	MD0009-36		MD0009-76	-
0,8	.030	MD0009-08 (140.0051)	MD0009-38	MD0009-58 (141.0001)	MD0009-78 (140.0054)	MD1009-08
0,9	.035	MD0009-09 (140.0169)				
1,0	.040	MD0009-10 (140.0242)	MD0009-40	MD0009-60 (141.0006)	MD0009-80 (140.0245)	MD1009-10
1,2	.045	MD0009-12 (140.0379)	MD0009-42	MD0009-62 (141.0010)	MD0009-82 (140.0382)	MD1009-12
1,4	.052	MD0009-14 -	MD0009-44		MD0009-84 -	
1,6	1/16	MD0009-16 (140.0555)	MD0009-46	MD0009-66 -	MD0009-86 -	



Ø mm	Ø in	Cu	Cu-Ni	Cu for Al	CuCrZr	Triangular Cu	Triangular CuCrZr
0,8	.030	MD0005-08 (140.0114)	MD0005-38	MD0005-58 (141.0003)	MD0005-78 -		
0,9	.035	MD0005-09 -		MD0005-59 -			
1,0	.040	MD0005-10 (140.0313)	MD0005-40	MD0005-60 (141.0008)	MD0005-80 (140.0316)	MD1005-10	MD1005-80
1,2	.045	MD0005-12 (140.0442)	MD0005-42	MD0005-62 (141.0015)	MD0005-82 (140.0445)	MD1005-12	MD1005-82
1,4	.052	MD0005-14 -	MD0005-44		MD0005-84 -		
1,6	1/16	MD0005-16 (140.0587)	MD0005-46	MD0005-66 (141.0022)	MD0005-86 (140.0590)	MD1005-16	MD1005-86
2,0	5/64	MD0005-20 (140.0653)		MD0005-70 -	MD0005-90 -		
2,4	3/32	MD0005-24 (140.0677)		MD0005-74 -	MD0005-94 -		

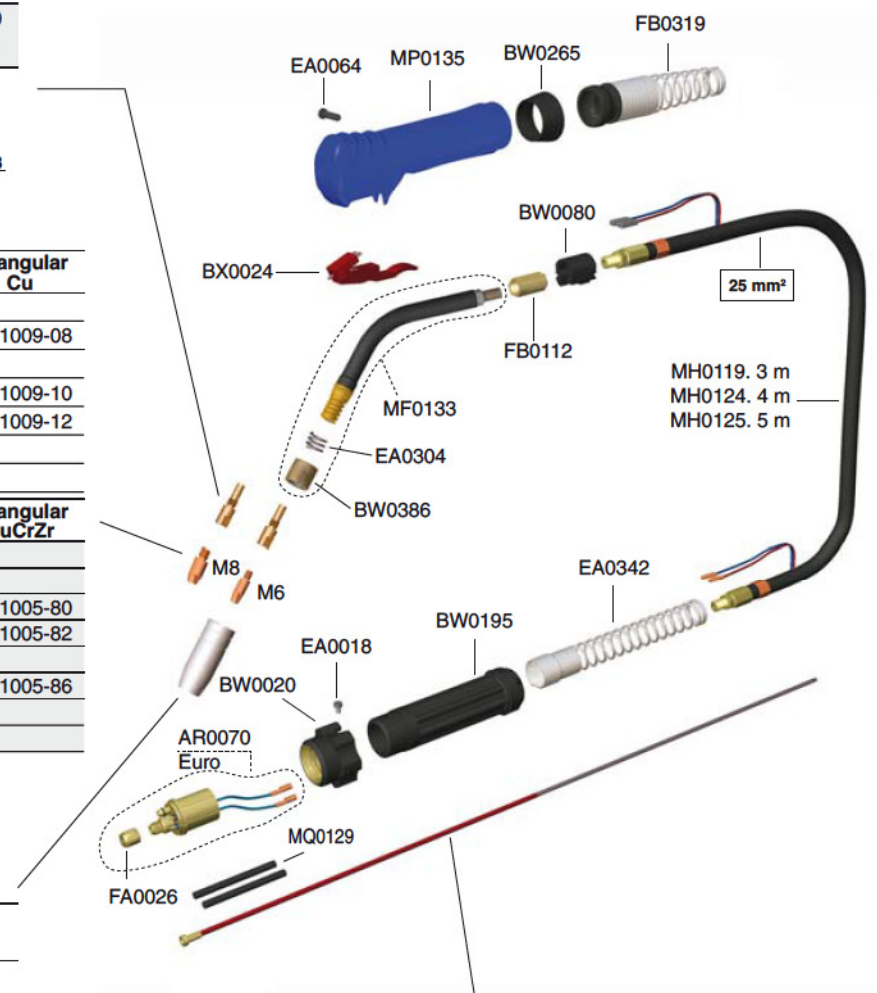


MC0265 -	MC0022 <i>(145.0124)</i>	MC0267 -	MC0023 <i>(145.0076)</i>	MC0024 <i>(145.0042)</i>	MC0025 <i>(145.0169)</i>
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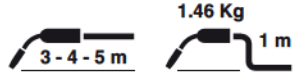
STANDARD

(REF.)



Wire	red color	
1.0 ± 1.2 .040" ± .045"		Steel
	3 m / 10'	GM0510 <i>(124.0026)</i>
	4 m / 12'	GM0511 <i>(124.0031)</i>
	5 m / 16,4'	GM0512 <i>(124.0035)</i>

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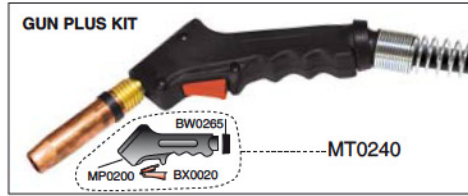
V peak	113	Ø mm	0.8 - 0.9 1.0 - 1.2	X	290A CO ₂ 260A Mix
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LINER	CODE	TECH. DATA	CONNECTION
 1.0 + 1.2 mm M6 standard	MA7343	3 m	EURO
	MA7344	4 m	EURO
	MA7345	5 m	EURO
 1.2 + 1.6 mm M8 standard	MA7346	3 m	EURO
	MA7347	4 m	EURO
	MA7348	5 m	EURO



EN 60974-7





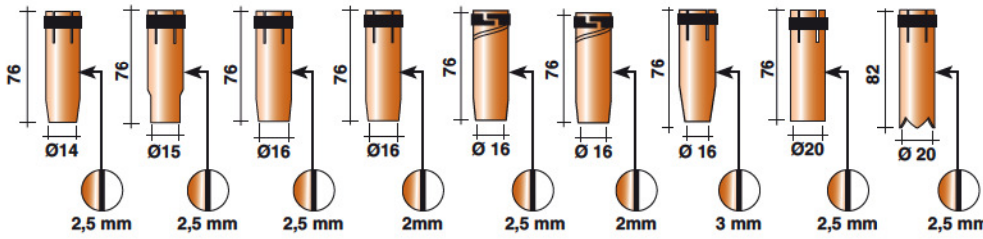
ME0085 (018.0116) plastic white	ME0585 (018.0141) ceramic	ME0485 compound high tech
29	29	29

M6	MD0061-00 (142.0007)
M8	MD0062-00 (142.0082)

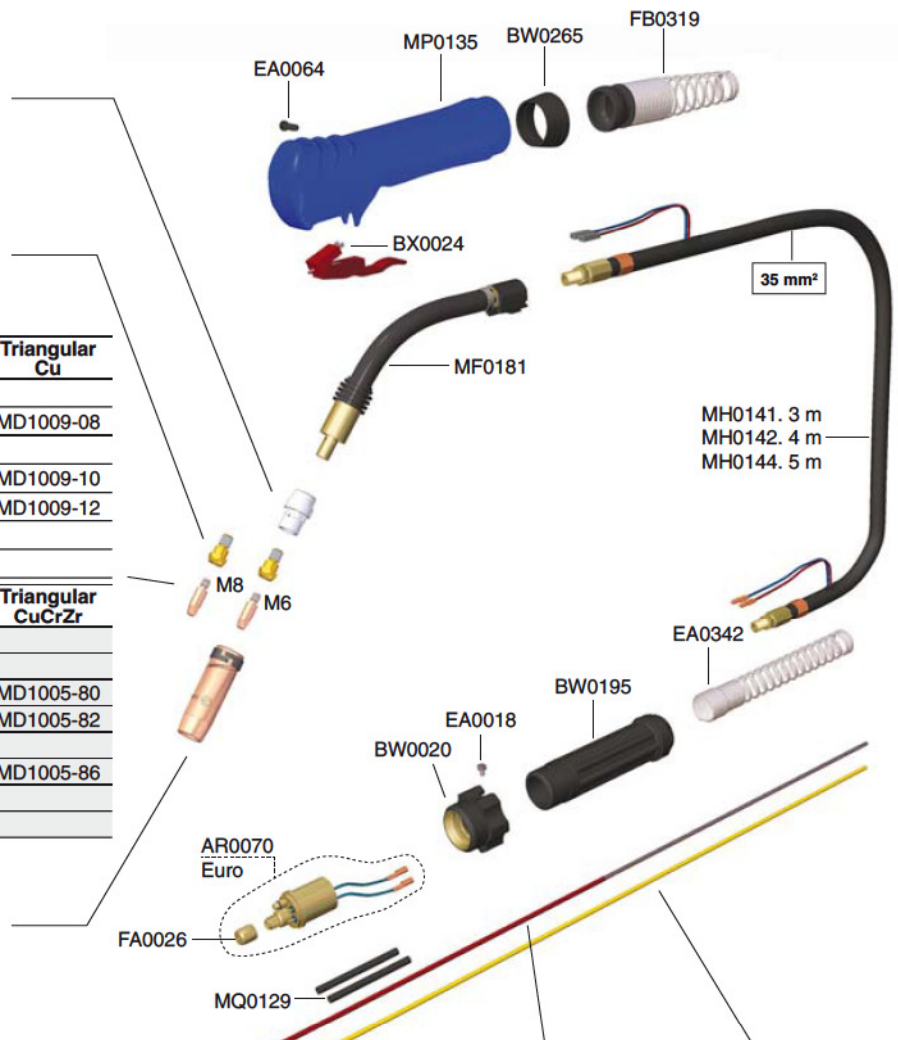
Ø mm	Ø in	Cu	Cu-Ni	Cu for Al	CuCrZr	Triangular Cu
0,6	.023	MD0009-06 (140.0005)	MD0009-36		MD0009-76	-
0,8	.030	MD0009-08 (140.0051)	MD0009-38	MD0009-58 (141.0001)	MD0009-78 (140.0054)	MD1009-08
0,9	.035	MD0009-09 (140.0169)				
1,0	.040	MD0009-10 (140.0242)	MD0009-40	MD0009-60 (141.0006)	MD0009-80 (140.0245)	MD1009-10
1,2	.045	MD0009-12 (140.0379)	MD0009-42	MD0009-62 (141.0010)	MD0009-82 (140.0382)	MD1009-12
1,4	.052	MD0009-14	-	MD0009-44	MD0009-84	-
1,6	1/16	MD0009-16 (140.0555)	MD0009-46	MD0009-66	-	MD0009-86

Ø mm	Ø in	Cu	Cu-Ni	Cu for Al	CuCrZr	Triangular Cu	Triangular CuCrZr
0,8	.030	MD0005-08 (140.0114)	MD0005-38	MD0005-58 (141.0003)	MD0005-78	-	
0,9	.035	MD0005-09	-	MD0005-59	-		
1,0	.040	MD0005-10 (140.0313)	MD0005-40	MD0005-60 (141.0008)	MD0005-80 (140.0316)	MD1005-10	MD1005-80
1,2	.045	MD0005-12 (140.0442)	MD0005-42	MD0005-62 (141.0015)	MD0005-82 (140.0445)	MD1005-12	MD1005-82
1,4	.052	MD0005-14	-	MD0005-44	MD0005-84	-	
1,6	1/16	MD0005-16 (140.0587)	MD0005-46	MD0005-66 (141.0022)	MD0005-86 (140.0590)	MD1005-16	MD1005-86
2,0	5/64	MD0005-20 (140.0653)		MD0005-70	-	MD0005-90	-
2,4	3/32	MD0005-24 (140.0677)		MD0005-74	-	MD0005-94	-

MC0290 (145.0132)	MC0292 -	MC0268 (145.0085)	MC0276 light	MC0568 quick release	MC0576 light quick Release	MC0340 heavy duty	MC0291 (145.0051)	MC0293 (145.0179)
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M6 STANDARD (REF) M8 STANDARD



Wire	red color		yellow color	
		Steel		Steel
1,0 ± 1,2 .040" ± .045"	3 m / 10'	GM0510 (124.0026)	3 m / 10'	GM0540 (124.0041)
	4 m / 12'	GM0511 (124.0031)	4 m / 12'	GM0541 (124.0042)
	5 m / 16,4'	GM0512 (124.0035)	5 m / 16,4'	GM0542 (124.0044)
1,2 ± 1,6 .045" ± 1/16"				

ERGOPLUS 36



3 - 5 m
10' - 16,4'

1,6 Kg
3,53 lb

1 m
3,3'

V peak 113

0.6 - 1.6 mm
.023" - 1/16"

X 60%

340A CO₂
320A Mix

LINER	CODE	↔	EU
1.0 + 1.2 mm M8 standard	MA7443	3 m	EURO
	MA7444	4 m	EURO
	MA7445	5 m	EURO



EN 60974-7



ME0017 (014.0261) plastic white	ME0041 (014.0021) plastic black	ME0517 (014.0023) ceramic	ME0417 - compound high tech
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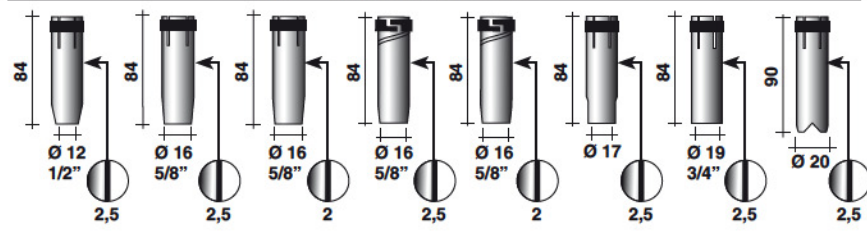


M6	MD0063-00 (142.0005)	M6	MD0131-00 (142.0011)
M8	MD0064-00 (142.0020)	M8	MD0132-00 (142.0024)

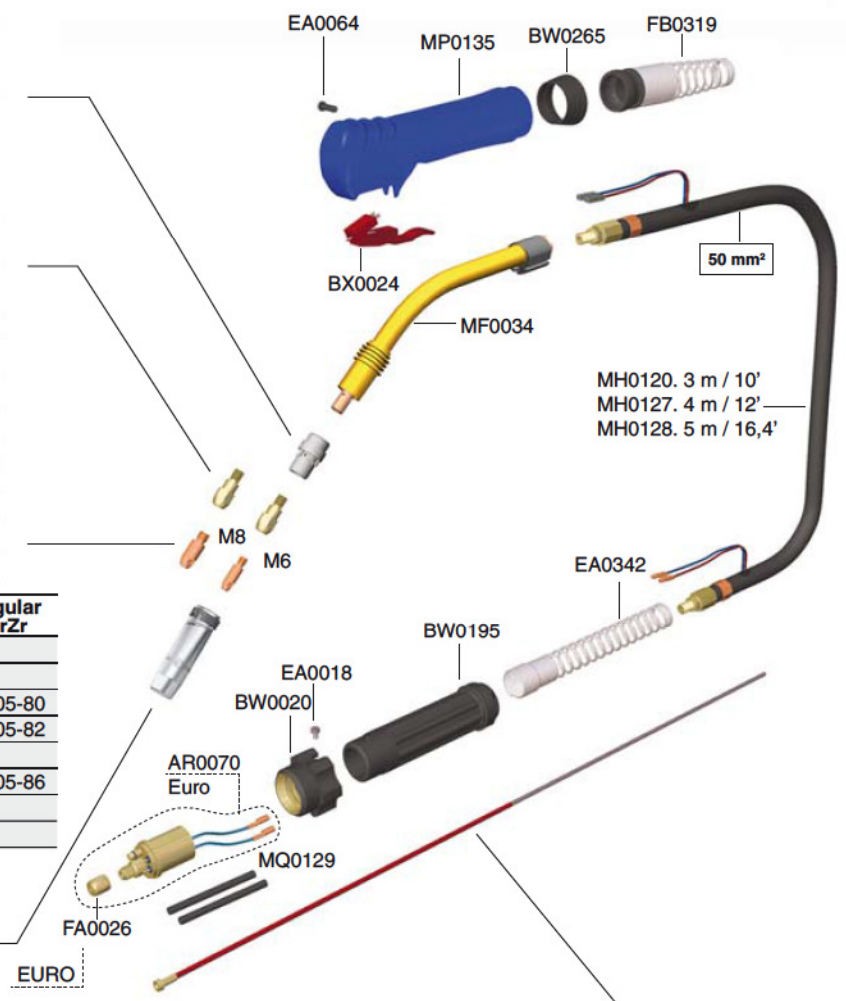
Ø mm	Ø in	Cu	Cu-Ni	Cu for Al	CuCrZr	Triangular Cu
0,6	.023	MD0009-06 (140.0005)	MD0009-36		MD0009-76	-
0,8	.030	MD0009-08 (140.0051)	MD0009-38	MD0009-58 (141.0001)	MD0009-78 (140.0054)	MD1009-08
0,9	.035	MD0009-09 (140.0169)				
1,0	.040	MD0009-10 (140.0242)	MD0009-40	MD0009-60 (141.0006)	MD0009-80 (140.0245)	MD1009-10
1,2	.045	MD0009-12 (140.0379)	MD0009-42	MD0009-62 (141.0010)	MD0009-82 (140.0382)	MD1009-12
1,4	.052	MD0009-14 -	MD0009-44		MD0009-84 -	
1,6	1/16	MD0009-16 (140.0555)	MD0009-46	MD0009-66 -	MD0009-86 -	

Ø mm	Ø in	Cu	Cu-Ni	Cu for Al	CuCrZr	Triangular Cu	Triangular CuCrZr
0,8	.030	MD0005-08 (140.0114)	MD0005-38	MD0005-58 (141.0003)	MD0005-78 -		
0,9	.035	MD0005-09 -		MD0005-59 -			
1,0	.040	MD0005-10 (140.0313)	MD0005-40	MD0005-60 (141.0008)	MD0005-80 (140.0316)	MD1005-10	MD1005-80
1,2	.045	MD0005-12 (140.0442)	MD0005-42	MD0005-62 (141.0015)	MD0005-82 (140.0445)	MD1005-12	MD1005-82
1,4	.052	MD0005-14 -	MD0005-44		MD0005-84 -		
1,6	1/16	MD0005-16 (140.0587)	MD0005-46	MD0005-66 (141.0022)	MD0005-86 (140.0590)	MD1005-16	MD1005-86
2,0	5/64	MD0005-20 (140.0653)		MD0005-70 -	MD0005-90 -		
2,4	3/32	MD0005-24 (140.0677)		MD0005-74 -	MD0005-94 -		

MC0026 (145.0126)	MC0027 (145.0078)	MC0440 (145.0078) light	MC0527 - quick release	MC0540 light quick release	MC0109 -	MC0028 (145.0045)	MC0110 (145.0172)
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STANDARD (REF.)



Wire	red color	
		Steel
1,0 ± 1,2 .040" ± .045"	3 m / 10'	GM0510 (124.0026)
	4 m / 12'	GM0511 (124.0031)
	5 m / 16,4'	GM0512 (124.0035)

ERGOPLUS 36



3 - 5 m
10' - 16,4'

1,6 Kg
3,53 lb
1 m
3,3'





V peak 113 0.6 - 1.6 mm .023" - 1/16" X 60% 340A CO₂ 320A Mix

LINER	CODE	↔	⊞
1.2 + 1.6 mm MB standard	MA7446	3 m / 10'	EURO
	MA7447	4 m / 12'	EURO
	MA7448	5 m / 16,4'	EURO
MA7490T	3 m / 10'	TWECO®	
MA7491T	4 m / 12'	TWECO®	
MA7492T	5 m / 16,4'	TWECO®	
MA7490M	3 m / 10'	MILLER®	
MA7491M	4 m / 12'	MILLER®	
MA7492M	5 m / 16,4'	MILLER®	
MA7490L	3 m / 10'	LINCOLN®	
MA7491L	4 m / 12'	LINCOLN®	
MA7492L	5 m / 16,4'	LINCOLN®	



CODE	↔	⊞	+	CODE	KIT
MA7490	3 m / 10'	5/8-18 UNF	+	AR0170	Tweco® 1/4 KIT
MA7491	4 m / 12'	5/8-18 UNF		AR0172	Lincoln® KIT
MA7492	5 m / 16,4'	5/8-18 UNF		AR0173	Miller® KIT
Liner included				Kit to be assembled by a qualified technician see page 293	

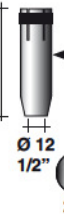
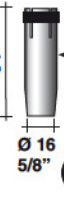
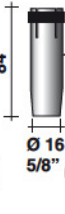
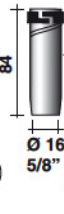
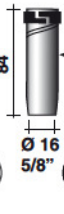
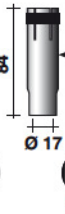
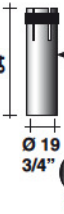



ME0017 (014.0261) plastic white	ME0041 (014.0021) plastic black	ME0517 (014.0023) ceramic	ME0417 - compound high tech
			
32,8	32,8	32,8	32,8

M6	MD0063-00 (142.0005)	M6	MD0131-00 (142.0011)
M8	MD0064-00 (142.0020)	M8	MD0132-00 (142.0024)

Ø mm	Ø in	Cu	Cu-Ni	Cu for Al	CuCrZr	Triangular Cu
0,6	.023	MD0009-06 (140.0005)	MD0009-36		MD0009-76	-
0,8	.030	MD0009-08 (140.0051)	MD0009-38	MD0009-58 (141.0001)	MD0009-78 (140.0054)	MD1009-08
0,9	.035	MD0009-09 (140.0169)				
1,0	.040	MD0009-10 (140.0242)	MD0009-40	MD0009-60 (141.0006)	MD0009-80 (140.0245)	MD1009-10
1,2	.045	MD0009-12 (140.0379)	MD0009-42	MD0009-62 (141.0010)	MD0009-82 (140.0382)	MD1009-12
1,4	.052	MD0009-14 -	MD0009-44		MD0009-84 -	
1,6	1/16	MD0009-16 (140.0555)	MD0009-46	MD0009-66 -	MD0009-86 -	

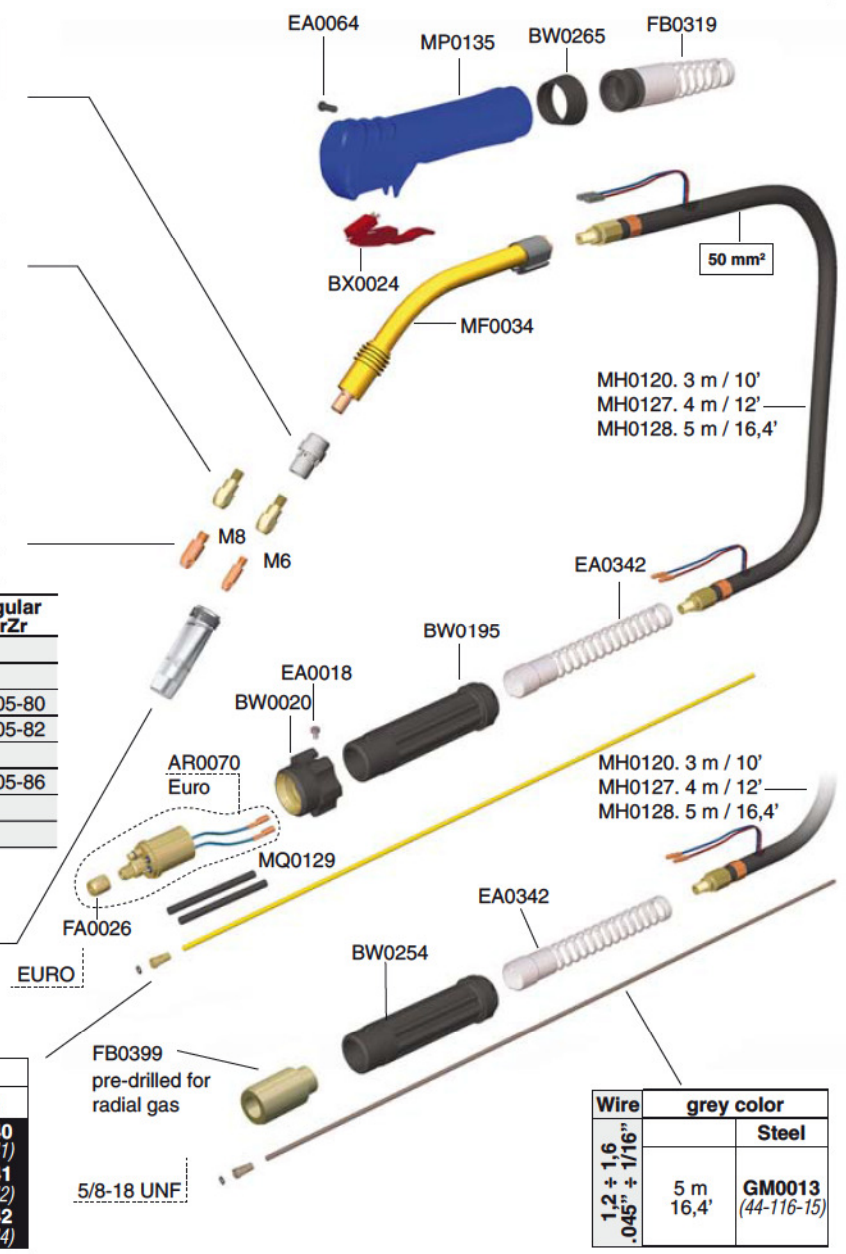
Ø mm	Ø in	Cu	Cu-Ni	Cu for Al	CuCrZr	Triangular Cu	Triangular CuCrZr
0,8	.030	MD0005-08 (140.0114)	MD0005-38	MD0005-58 (141.0003)	MD0005-78 -		
0,9	.035	MD0005-09 -		MD0005-59 -			
1,0	.040	MD0005-10 (140.0313)	MD0005-40	MD0005-60 (141.0008)	MD0005-80 (140.0316)	MD1005-10	MD1005-80
1,2	.045	MD0005-12 (140.0442)	MD0005-42	MD0005-62 (141.0015)	MD0005-82 (140.0445)	MD1005-12	MD1005-82
1,4	.052	MD0005-14 -	MD0005-44		MD0005-84 -		
1,6	1/16	MD0005-16 (140.0587)	MD0005-46	MD0005-66 (141.0022)	MD0005-86 (140.0590)	MD1005-16	MD1005-86
2,0	5/64	MD0005-20 (140.0653)		MD0005-70 -	MD0005-90 -		
2,4	3/32	MD0005-24 (140.0677)		MD0005-74 -	MD0005-94 -		

MC0026 (145.0126)	MC0027 (145.0078)	MC0440 (145.0078) light	MC0527 - quick release	MC0540 light quick release	MC0109 -	MC0028 (145.0045)	MC0110 (145.0172)
							
84	84	84	84	84	84	84	90
Ø 12 1/2"	Ø 16 5/8"	Ø 16 5/8"	Ø 16 5/8"	Ø 16 5/8"	Ø 17	Ø 19 3/4"	Ø 20
2,5	2,5	2	2,5	2	2,5	2,5	2,5

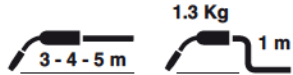
STANDARD (REF.)

Wire	yellow color	
		Steel
1,2 ± 1,6 .045" ± 1/16"	3 m / 10'	GM0540 (124.0041)
	4 m / 12'	GM0541 (124.0042)
	5 m / 16,4'	GM0542 (124.0044)

Wire	grey color	
		Steel
1,2 ± 1,6 .045" ± 1/16"	5 m / 16,4'	GM0013 (44-116-15)

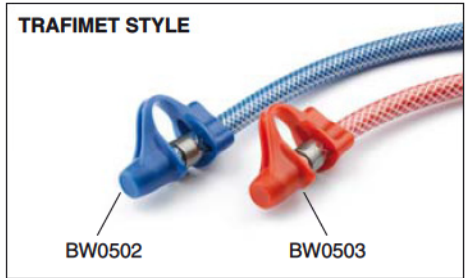


ERGOPLUS 240



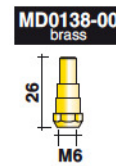
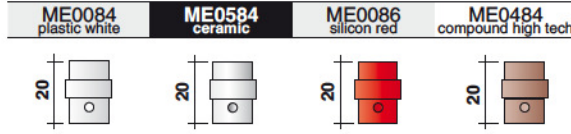
V peak	113	Ø mm	0.8 - 0.9 1.0 - 1.2	X 100%	300A CO ₂ 270A Mix
Pressure	2±4 bar	Flow	1.6 l/min		

CODE	↔	EURO
MB7543	3 m	EURO
MB7544	4 m	EURO
MB7545	5 m	EURO

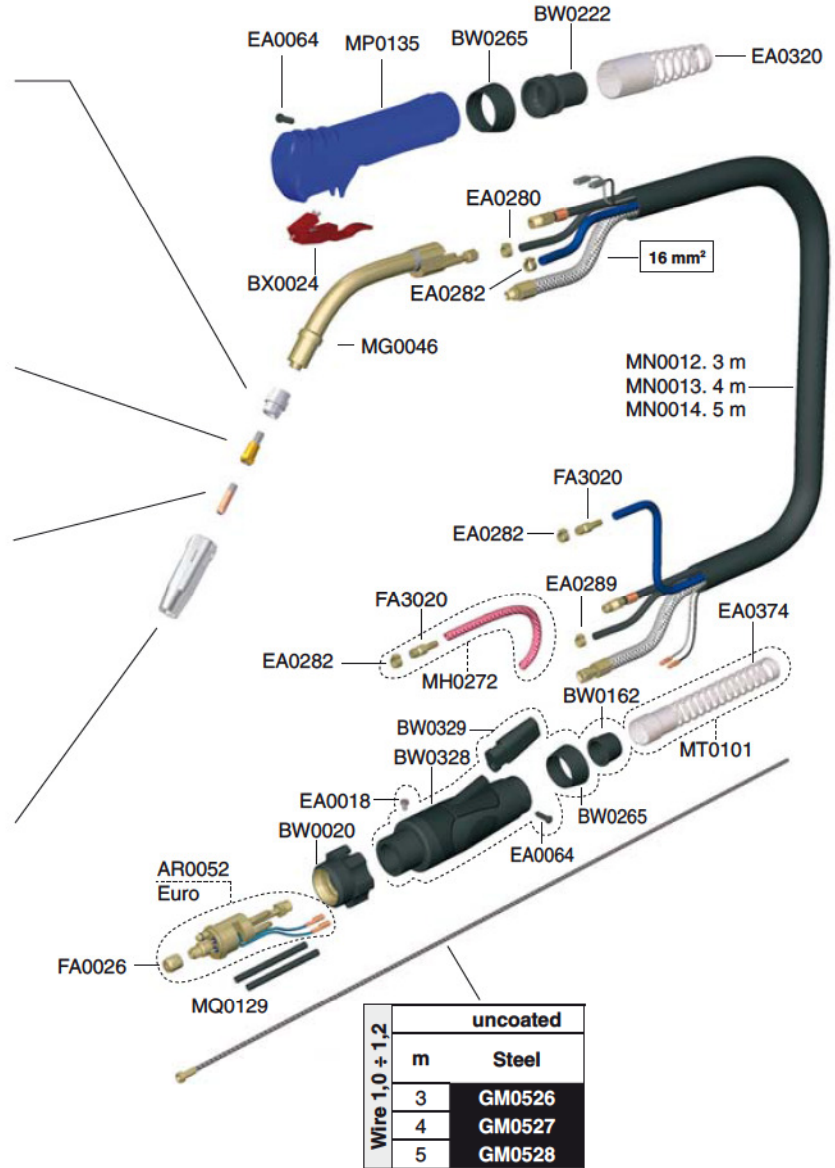
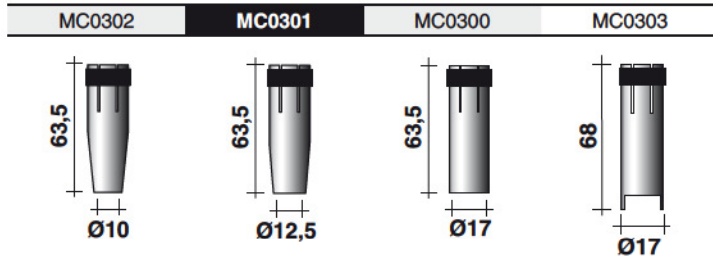




- control leads**
BX0156. 3 m
BX0157. 4 m
BX0158. 5 m
- wire conduit**
QB0072. 3 m
QB0073. 4 m
QB0074. 5 m
- gas hose**
QB0080. 3 m
QB0081. 4 m
QB0082. 5 m
- water inlet hose**
QB0076. 3 m
QB0077. 4 m
QB0078. 5 m
- cover**
MQ0205. 3 m
MQ0206. 4 m
MQ0207. 5 m
- water outlet - power cable**
QA0019. 3 m
QA0020. 4 m
QA0021. 5 m



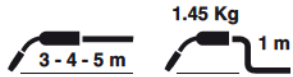
Ø	Cu	Cu-Ni	Cu for Al	CuCrZr
0,6	MD0008-06	MD0008-36		
0,8	MD0008-08	MD0008-38	MD0008-58	MD0008-78
0,9	MD0008-09			
1,0	MD0008-10	MD0008-40	MD0008-60	MD0008-80
1,2	MD0008-12	MD0008-42	MD0008-62	MD0008-82



Wire 1,0 + 1,2	uncoated	
	m	Steel
3		GM0526
4		GM0527
5		GM0528

STANDARD (REF.)

ERGOPLUS 400



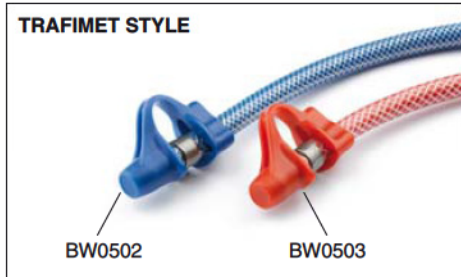
1.45 Kg

V peak 113 X 100% 400A CO₂ 350A Mix

Ø mm 1.0 - 1.2 - 1.6

2÷4 bar 1.6 l/min

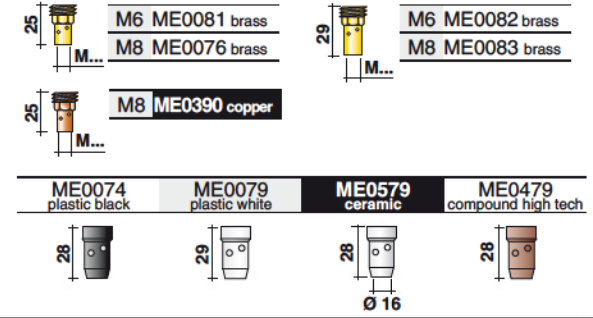
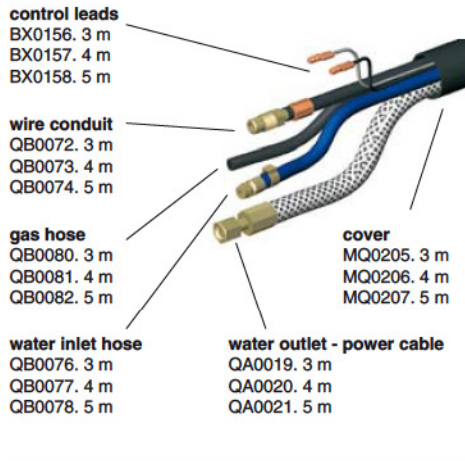
CODE	↔	☒
MB7743	3 m	EURO
MB7744	4 m	EURO
MB7745	5 m	EURO



EN 60974-7



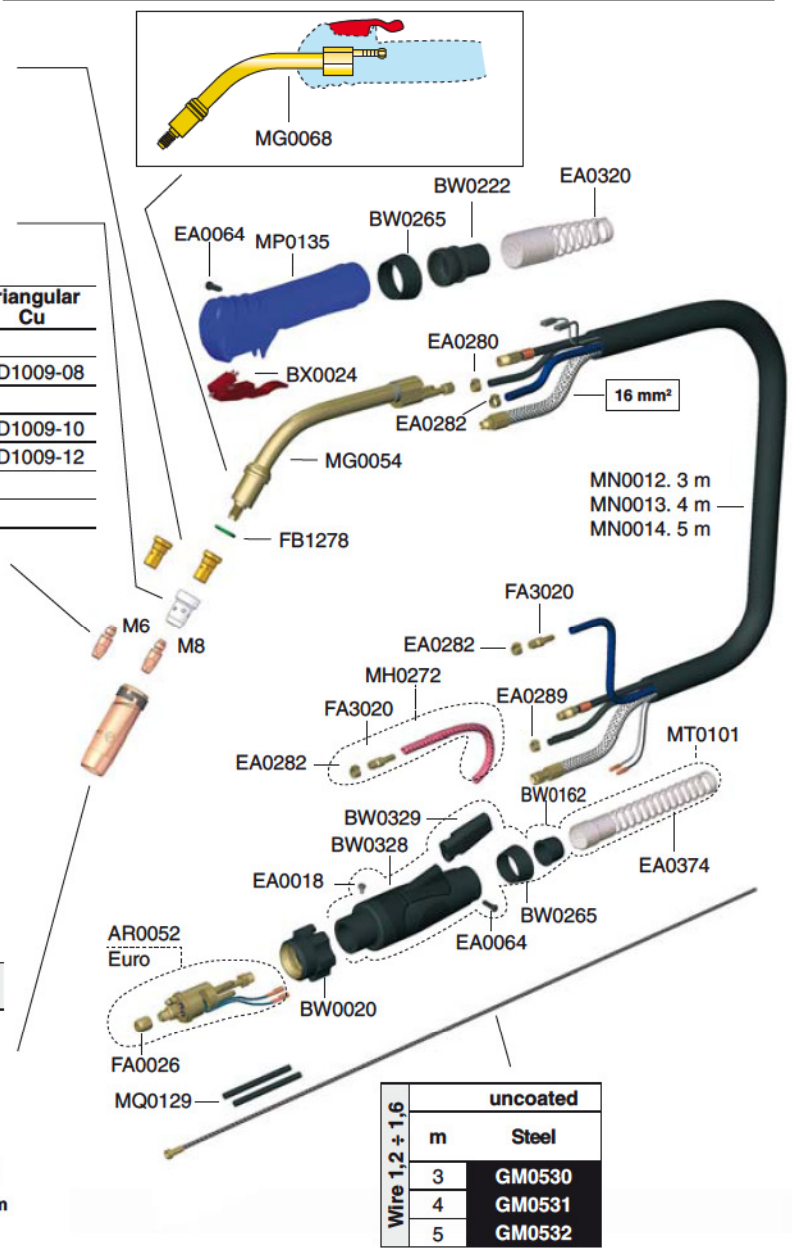
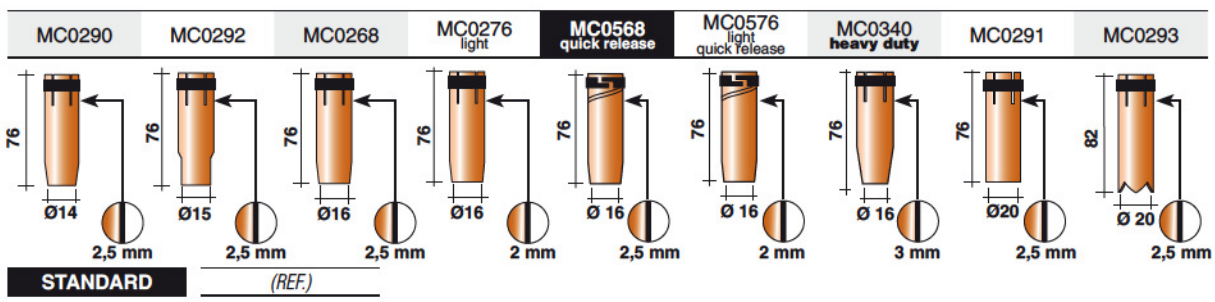
ERGOPLUS 400



Ø	Cu	Cu-Ni	Cu for Al	CuCrZr	Triangular Cu
0,6	MD0009-06	MD0009-36			
0,8	MD0009-08	MD0009-38	MD0009-58	MD0009-78	MD1009-08
0,9	MD0009-09				
1,0	MD0009-10	MD0009-40	MD0009-60	MD0009-80	MD1009-10
1,2	MD0009-12	MD0009-42	MD0009-62	MD0009-82	MD1009-12
1,4	MD0009-14	MD0009-44			
1,6	MD0009-16	MD0009-46	MD0009-66		

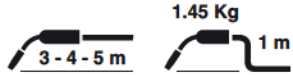
Ø	Cu	Cu-Ni	Cu for Al	CuCrZr
0,8	MD0005-08	MD0005-38	MD0005-58	
0,9	MD0005-09		MD0005-59	
1,0	MD0005-10	MD0005-40	MD0005-60	MD0005-80
1,2	MD0005-12	MD0005-42	MD0005-62	MD0005-82
1,4	MD0005-14	MD0005-44		MD0005-84
1,6	MD0005-16	MD0005-46	MD0005-66	MD0005-86
2,0	MD0005-20		MD0005-70	
2,4	MD0005-24		MD0005-74	

Ø	Triangular Cu	Triangular CuCrZr
1,0	MD1005-10	MD1005-80
1,2	MD1005-12	MD1005-82
1,6	MD1005-16	MD1005-86



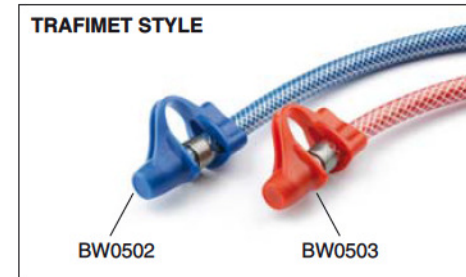
Wire 1,2 ÷ 1,6	uncoated	
	m	Steel
3		GM0530
4		GM0531
5		GM0532

ERGOPLUS 500



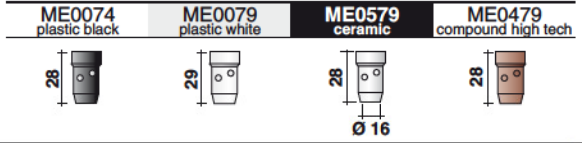
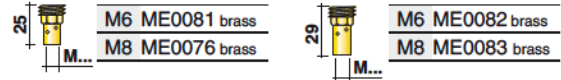
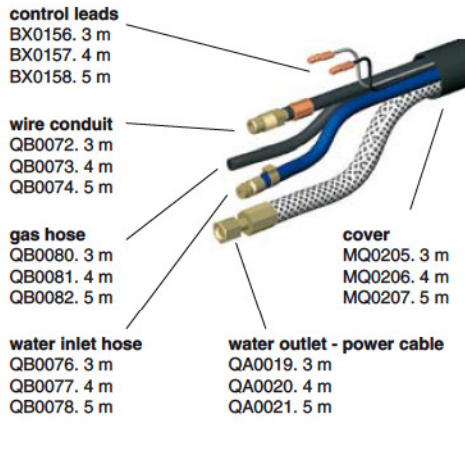
V peak	113	mm	1.0 - 1.2 - 1.6 2.0 - 2.4	X	500A CO ₂ 450A Mix
	2+4 bar		1.6 l/min		

CODE	↔	EU
MB7843	3 m	EURO
MB7844	4 m	EURO
MB7845	5 m	EURO



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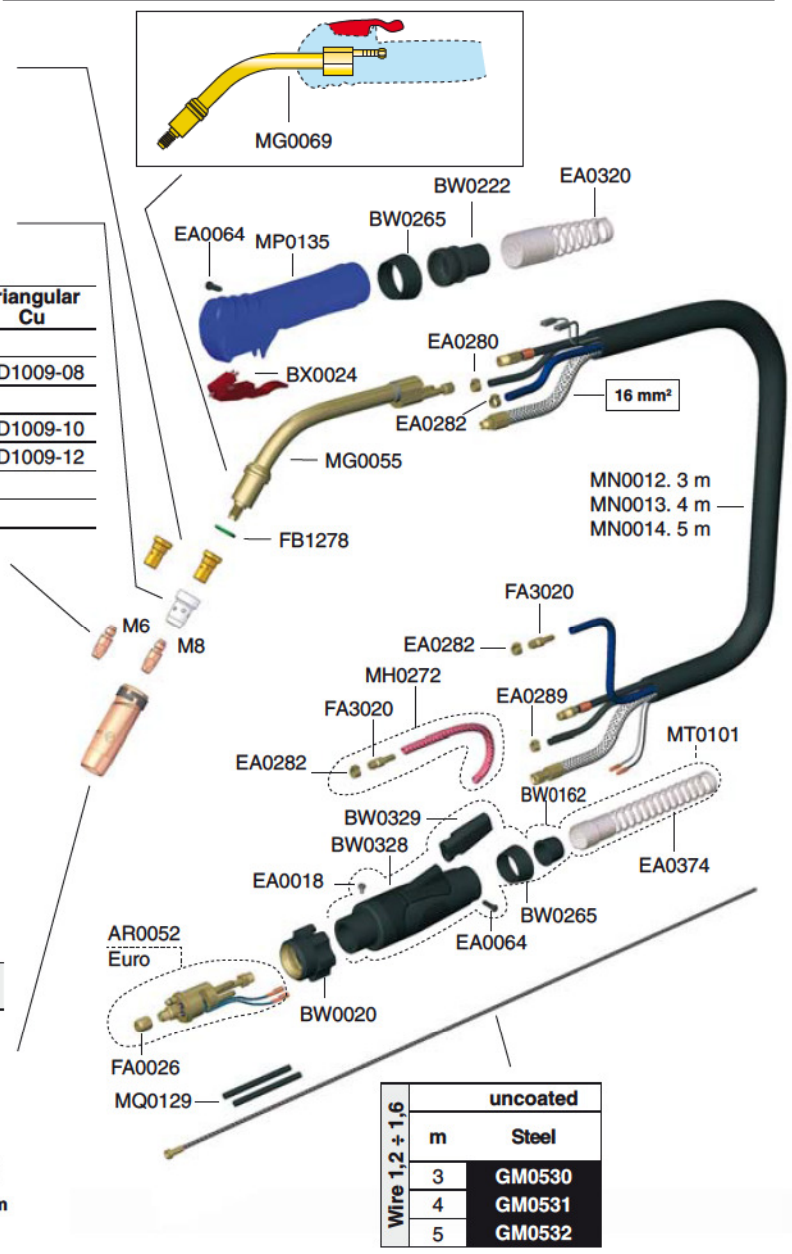
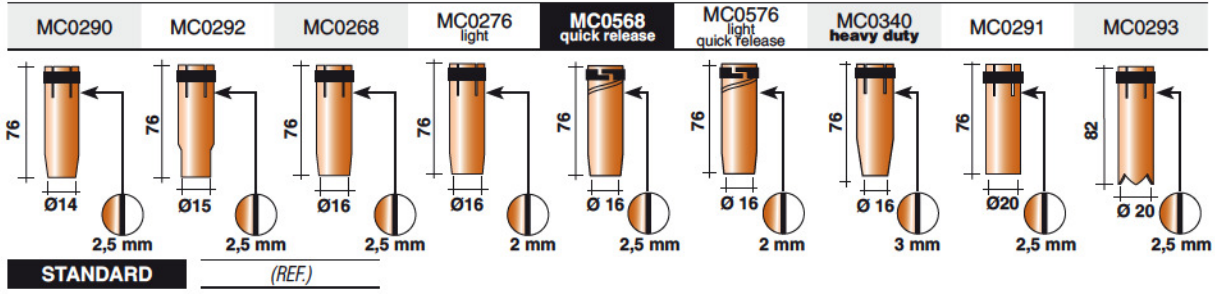




Ø	Cu	Cu-Ni	Cu for Al	CuCrZr	Triangular Cu
0,6	MD0009-06	MD0009-36			
0,8	MD0009-08	MD0009-38	MD0009-58	MD0009-78	MD1009-08
0,9	MD0009-09				
1,0	MD0009-10	MD0009-40	MD0009-60	MD0009-80	MD1009-10
1,2	MD0009-12	MD0009-42	MD0009-62	MD0009-82	MD1009-12
1,4	MD0009-14	MD0009-44			
1,6	MD0009-16	MD0009-46	MD0009-66		

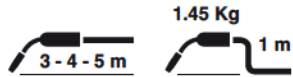
Ø	Cu	Cu-Ni	Cu for Al	CuCrZr
0,8	MD0005-08	MD0005-38	MD0005-58	
0,9	MD0005-09		MD0005-59	
1,0	MD0005-10	MD0005-40	MD0005-60	MD0005-80
1,2	MD0005-12	MD0005-42	MD0005-62	MD0005-82
1,4	MD0005-14	MD0005-44		MD0005-84
1,6	MD0005-16	MD0005-46	MD0005-66	MD0005-86
2,0	MD0005-20		MD0005-70	
2,4	MD0005-24		MD0005-74	

Ø	Triangular Cu	Triangular CuCrZr
1,0	MD1005-10	MD1005-80
1,2	MD1005-12	MD1005-82
1,6	MD1005-16	MD1005-86



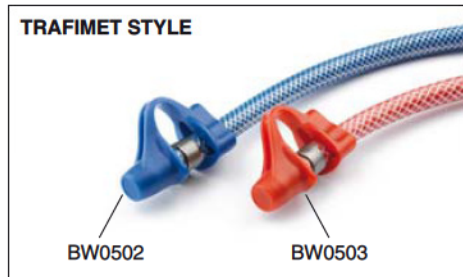
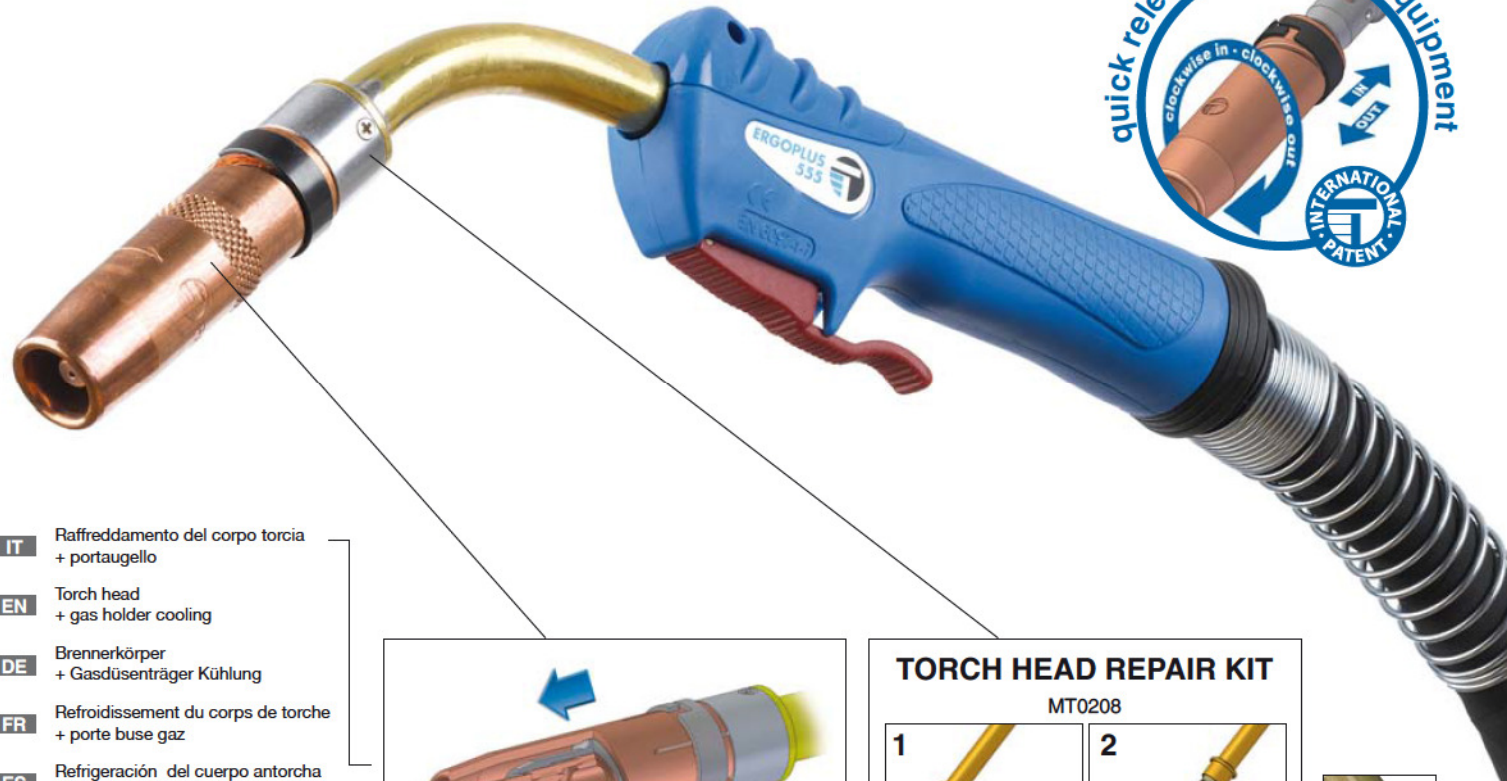
Wire 1,2 ÷ 1,6	uncoated	
	m	Steel
3		GM0530
4		GM0531
5		GM0532

ERGOPLUS 555

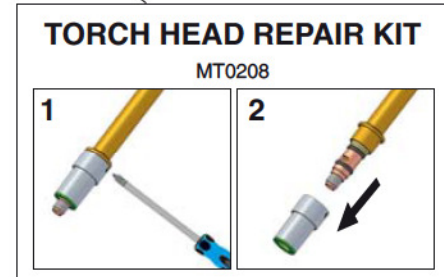
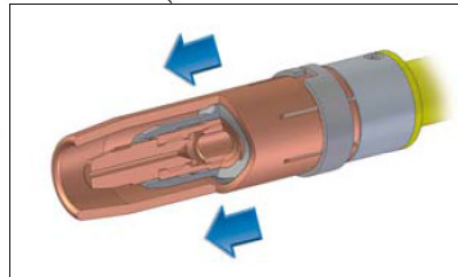


V peak	113	Ø mm	1.0 - 1.2 - 1.6 2.0 - 2.4	X 100%	550A CO ₂ 500A Mix
Pressure	2-4 bar	Flow	1.6 l/min		

CODE	↔	EU
MB7943	3 m	EURO
MB7944	4 m	EURO
MB7945	5 m	EURO



- IT** Raffreddamento del corpo torcia + portaugello
- EN** Torch head + gas holder cooling
- DE** Brennerkörper + Gasdüsenträger Kühlung
- FR** Refroidissement du corps de torche + porte buse gaz
- ES** Refrigeración del cuerpo antorcha + porta tubo de contacto
- TR** Soğutma (Torç boynu + Nozul tutucu)
- RU** Raffreddamento del corpo torcia fino all'ugello

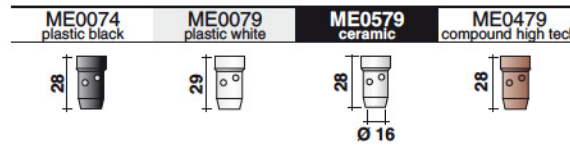
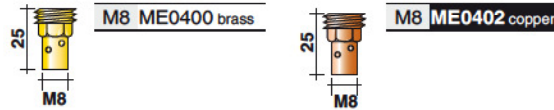
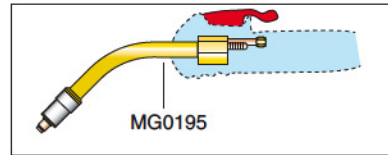


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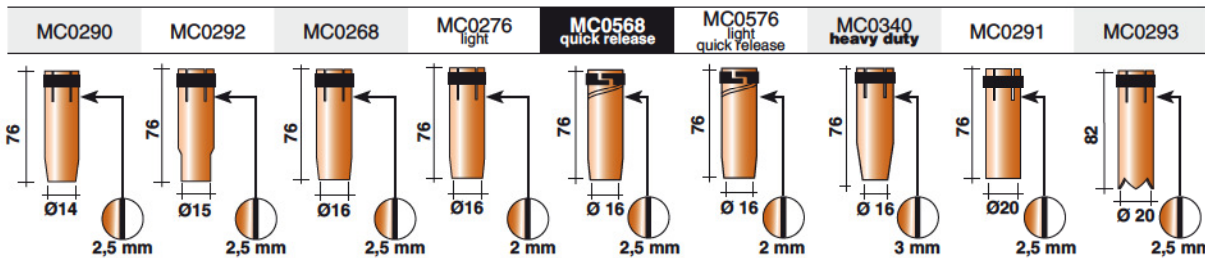


- control leads**
BX0156. 3 m
BX0157. 4 m
BX0158. 5 m
- wire conduit**
QB0072. 3 m
QB0073. 4 m
QB0074. 5 m
- gas hose**
QB0080. 3 m
QB0081. 4 m
QB0082. 5 m
- cover**
MQ0205. 3 m
MQ0206. 4 m
MQ0207. 5 m
- water inlet hose**
QB0076. 3 m
QB0077. 4 m
QB0078. 5 m
- water outlet - power cable**
QA0019. 3 m
QA0020. 4 m
QA0021. 5 m



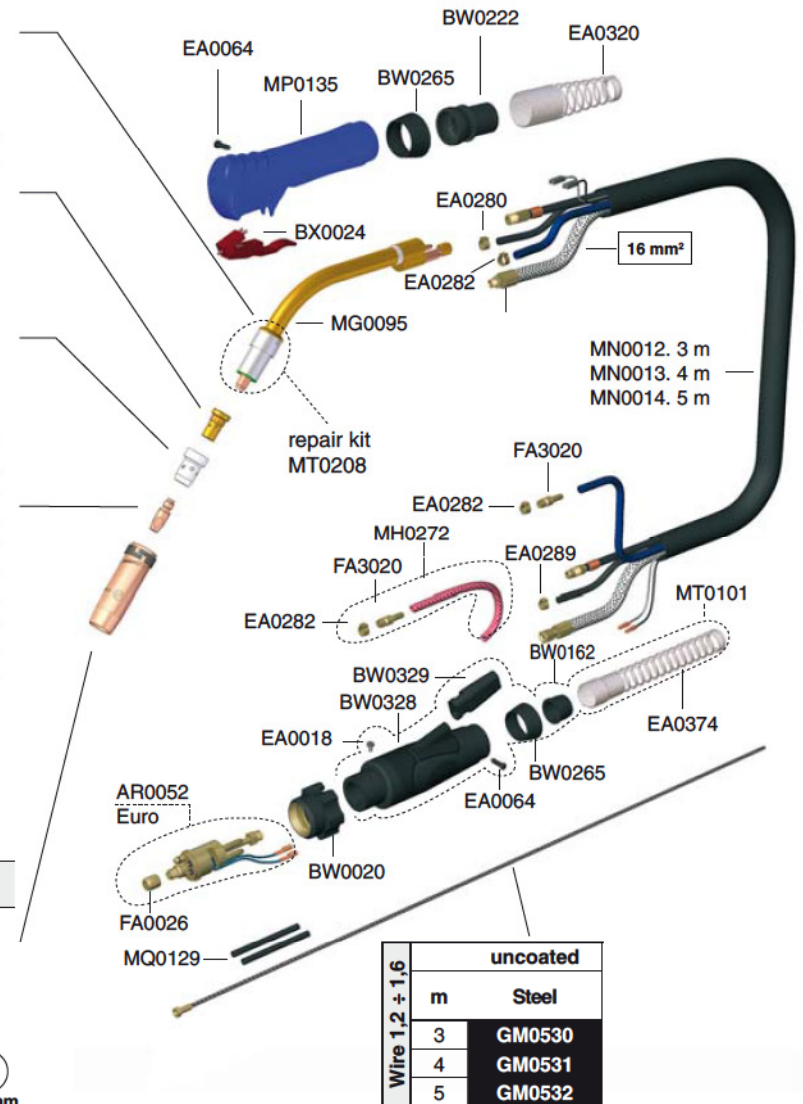
Ø	Cu	Cu-Ni	Cu for Al	CuCrZr
0,8	MD0005-08	MD0005-38	MD0005-58	
0,9	MD0005-09		MD0005-59	
1,0	MD0005-10	MD0005-40	MD0005-60	MD0005-80
1,2	MD0005-12	MD0005-42	MD0005-62	MD0005-82
1,4	MD0005-14	MD0005-44		MD0005-84
1,6	MD0005-16	MD0005-46	MD0005-66	MD0005-86
2,0	MD0005-20		MD0005-70	
2,4	MD0005-24		MD0005-74	

Ø	Triangular Cu	Triangular CuCrZr
1,0	MD1005-10	MD1005-80
1,2	MD1005-12	MD1005-82
1,6	MD1005-16	MD1005-86



STANDARD

(REF.)



Wire 1,2 ÷ 1,6	uncoated	
	m	Steel
3		GM0530
4		GM0531
5		GM0532

PLUS 505

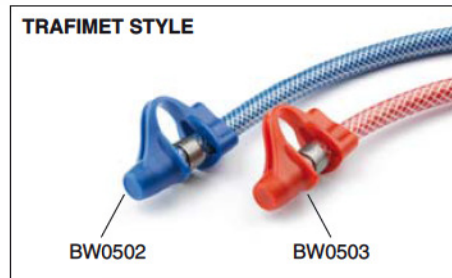
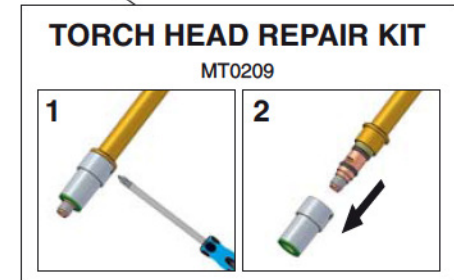
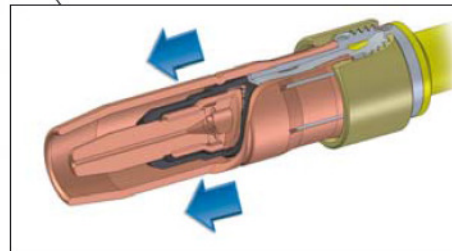
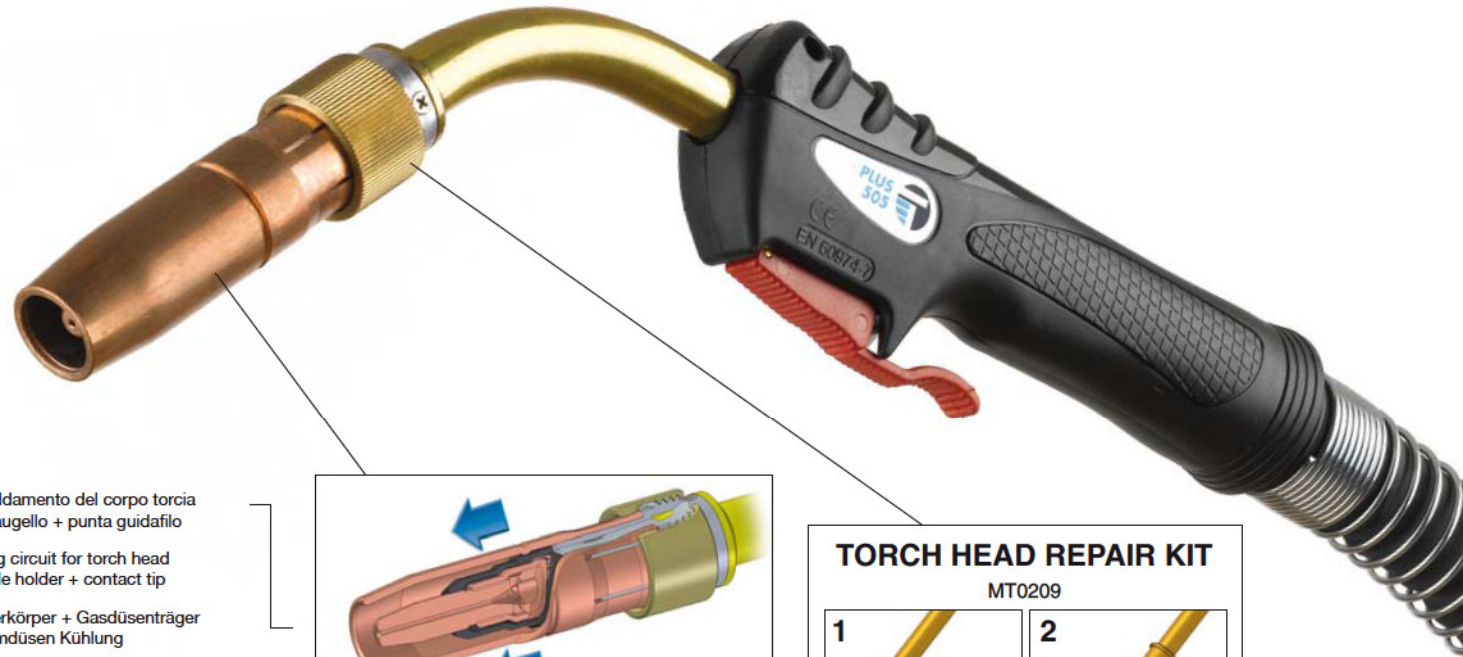


V peak	113	Ø mm	1.0 - 1.2 1.6	X 100%	550A CO ₂ 500A Mix
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2+4 bar	1.6 l/min
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CODE	↔	EU
MB7933	3 m	EURO
MB7934	4 m	EURO
MB7935	5 m	EURO

Special Trafimet Original spare parts



Il serraggio preciso fra la ghiera e il portaugello garantisce un'ottima dispersione del calore

IT Raffreddamento del corpo torcia + portaugello + punta guidafile

The precise tightening of the between the ring nut and the nozzle assures excellent heat dispersion

EN Cooling circuit for torch head + nozzle holder + contact tip

Die Ringmutter zum Befestigen der Düse garantiert eine langlebige Düsen-/Brennergehäuse-kupplung

DE Brennerkörper + Gasdüsenträger + Stromdüsen Kühlung

Le serrage précis entre la bague et l'électrode garantit une optimale dispersion de la chaleur

FR Refroidissement du corps de torche + porte buse + tube contact

La sujeción precisa entre la abrazadera y la tobera garantiza una excelente dispersión de calor

ES Refrigeración del cuerpo antorcha + porta tubo de contacto + tubo de contacto

Nozul ve nozul sabitleyici arasındaki kusursuz sıkıştırma mükemmel ısı dağılımı sağlar

TR Soğutma (Torç boynu + Nozul tutucu + Kontak memesi)

Плотная притирка сопла обеспечивает отличный отвод тепла

RU Охлаждение головки горелки, держателя наконечника и контактного наконечника



EN 60974-7





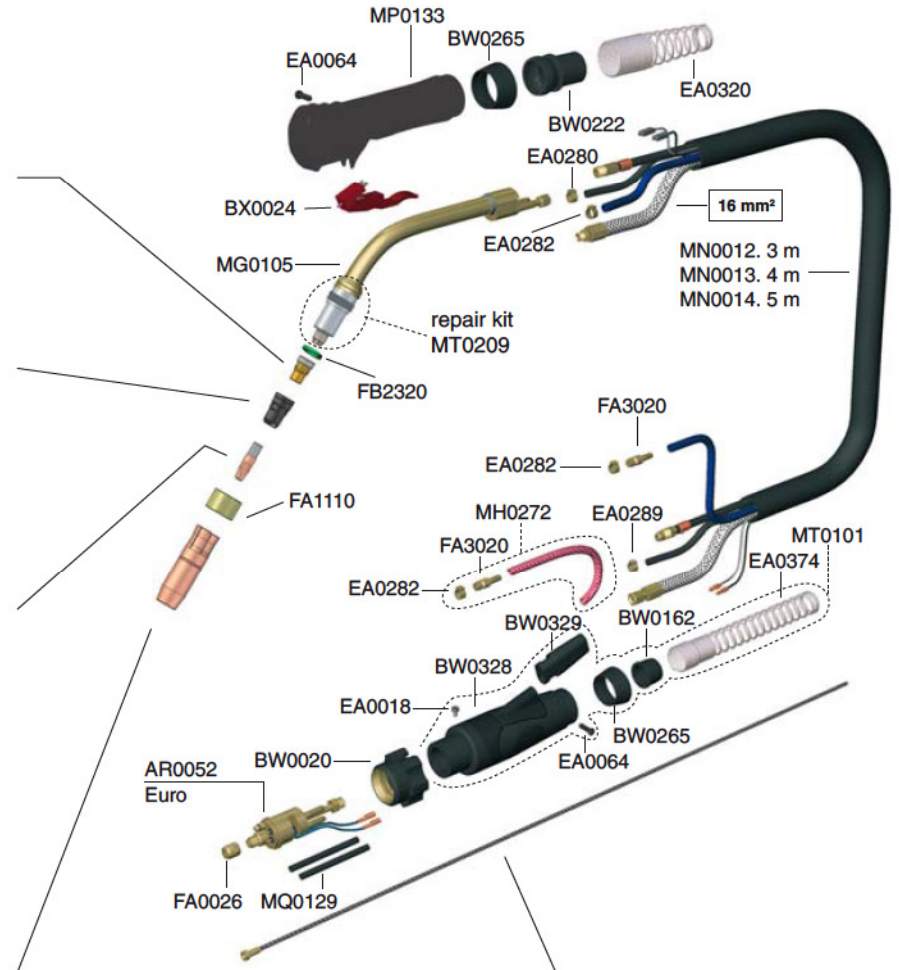
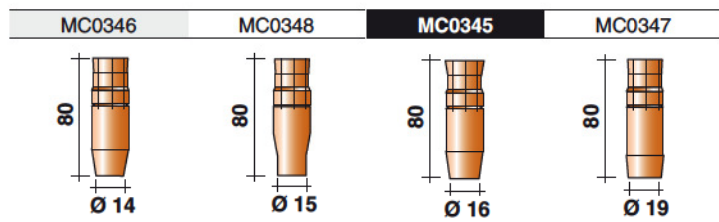
- control leads**
BX0156. 3 m
BX0157. 4 m
BX0158. 5 m
- wire conduit**
QB0072. 3 m
QB0073. 4 m
QB0074. 5 m
- gas hose**
QB0080. 3 m
QB0081. 4 m
QB0082. 5 m
- cover**
MQ0205. 3 m
MQ0206. 4 m
MQ0207. 5 m
- water inlet hose**
QB0076. 3 m
QB0077. 4 m
QB0078. 5 m
- water outlet - power cable**
QA0019. 3 m
QA0020. 4 m
QA0021. 5 m

ME0345 copper
23.5
M9x1

ME0089 plastic **ME0589 ceramic**
30 30

Ø	Cu for Al	CuCrZr
1,0		MD0250-80
1,2	MD0250-62	MD0250-82
1,4		MD0250-84
1,6	MD0250-66	MD0250-86
2,0	MD0250-70	MD0250-90
2,4	MD0250-74	MD0250-94

M9x1
38
Ø 10



Wire 1,2 + 1,6	uncoated	
	m	Steel
	3	GM0530
	4	GM0531
5	GM0532	

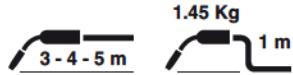
STANDARD (REF.)

MIG/MAG WELDING

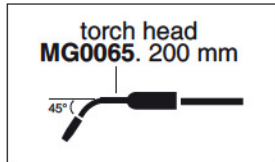
PLUS 600 wire conduit + gas

trafimet
distribution

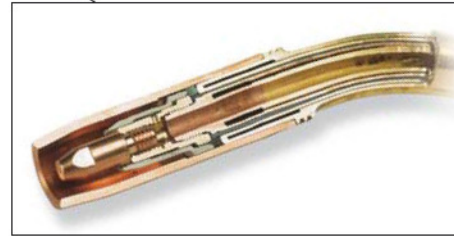
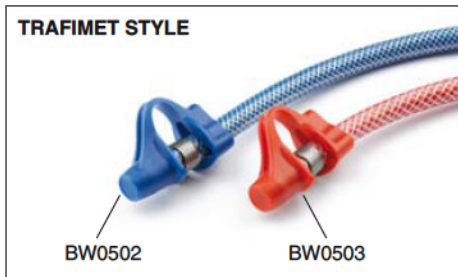
trafimet
welding & cutting



V peak	113	Ø mm	1.0 - 1.2 - 1.6 2.0 - 2.4	X 100%	600A CO ₂ 550A Mix
W	2÷4 bar	↓	1.6 l/min		



CODE	↔	
MB2300	3 m	EURO
MB2301	4 m	EURO
MB2302	5 m	EURO



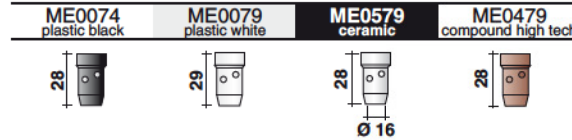
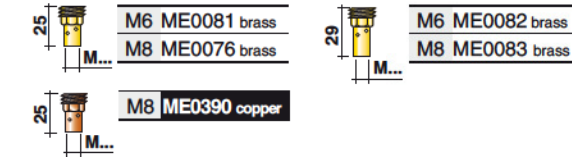
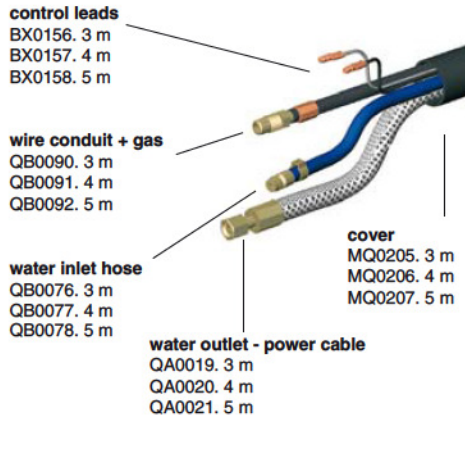
- IT** Doppio circuito di raffreddamento del corpo torcia + portagello
- EN** Double cooling circuit for torch head + gas holder
- DE** Doppel-Kühlkreislauf für Brennerkörper + Gasdüsenträger
- FR** Double circuit de refroidissement du corps de torche + porte buse gaz
- ES** Doble circuito de refrigeración del cuerpo antorcha + porta tubo de contacto
- TR** Torç boynu ve nozul tutucu için çift soğutma kanalı
- RU** Двойной контур охлаждения головки горелки и держателя наконечника



EN 60974-7



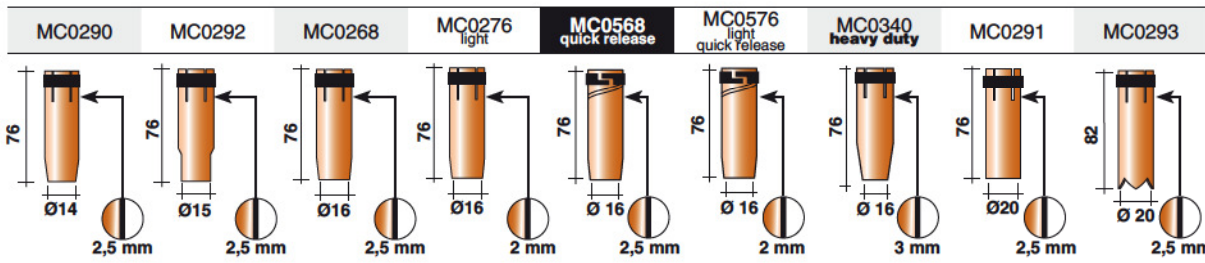
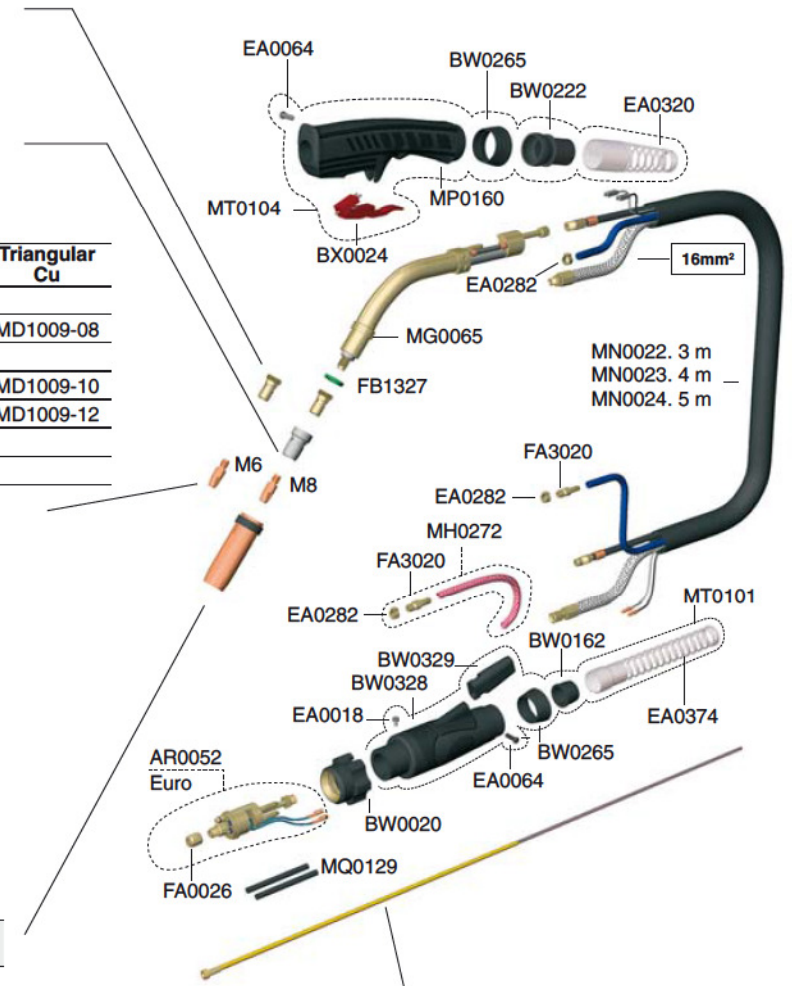
PLUS 600 wire conduit + gas



Ø	Cu	Cu-Ni	Cu for Al	CuCrZr	Triangular Cu
0,6	MD0009-06	MD0009-36			
0,8	MD0009-08	MD0009-38	MD0009-58	MD0009-78	MD1009-08
0,9	MD0009-09				
1,0	MD0009-10	MD0009-40	MD0009-60	MD0009-80	MD1009-10
1,2	MD0009-12	MD0009-42	MD0009-62	MD0009-82	MD1009-12
1,4	MD0009-14	MD0009-44			
1,6	MD0009-16	MD0009-46	MD0009-66		

Ø	Cu	Cu-Ni	Cu for Al	CuCrZr
0,8	MD0005-08	MD0005-38	MD0005-58	
0,9	MD0005-09		MD0005-59	
1,0	MD0005-10	MD0005-40	MD0005-60	MD0005-80
1,2	MD0005-12	MD0005-42	MD0005-62	MD0005-82
1,4	MD0005-14	MD0005-44		MD0005-84
1,6	MD0005-16	MD0005-46	MD0005-66	MD0005-86
2,0	MD0005-20		MD0005-70	
2,4	MD0005-24		MD0005-74	

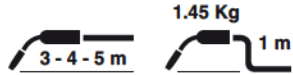
Ø	Triangular Cu	Triangular CuCrZr
1,0	MD1005-10	MD1005-80
1,2	MD1005-12	MD1005-82
1,6	MD1005-16	MD1005-86



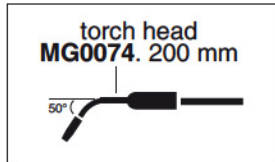
yellow color	
m	Steel
3	GM0540
4	GM0541
5	GM0542

STANDARD (REF.)

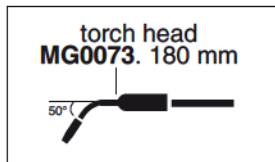
PLUS 601 separate gas hose



V peak	113	Ø mm	1.0 - 1.2 - 1.6 2.0 - 2.4	X 100%	600A CO ₂ 550A Mix
Pressure	2÷4 bar	Flow	1.6 l/min		



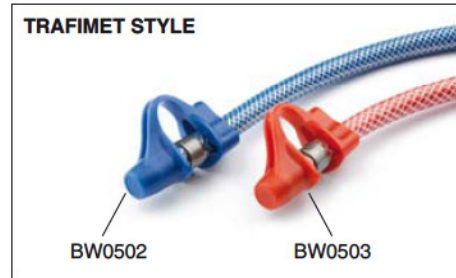
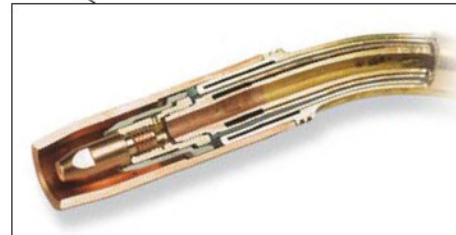
CODE	↔	EURO
MB3303	3 m	EURO
MB3304	4 m	EURO
MB3305	5 m	EURO



CODE	↔	EURO
MB3403	3 m	EURO
MB3404	4 m	EURO
MB3405	5 m	EURO



- IT** Doppio circuito di raffreddamento del corpo torcia + portagello
- EN** Double cooling circuit for torch head + gas holder
- DE** Doppel-Kühlkreislauf für Brennerkörper + Gasdüsenträger
- FR** Double circuit de refroidissement du corps de torche + porte buse gaz
- ES** Doble circuito de refrigeración del cuerpo antorcha + porta tubo de contacto
- TR** Torç boynu ve nozul tutucu için çift soğutma kanalı
- RU** Двойной контур охлаждения головки горелки и держателя наконечника



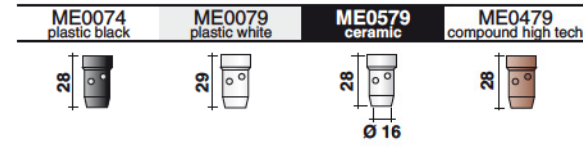
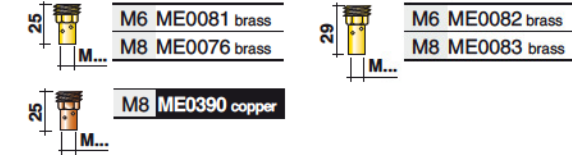
EN 60974-7



PLUS 601 separate gas hose



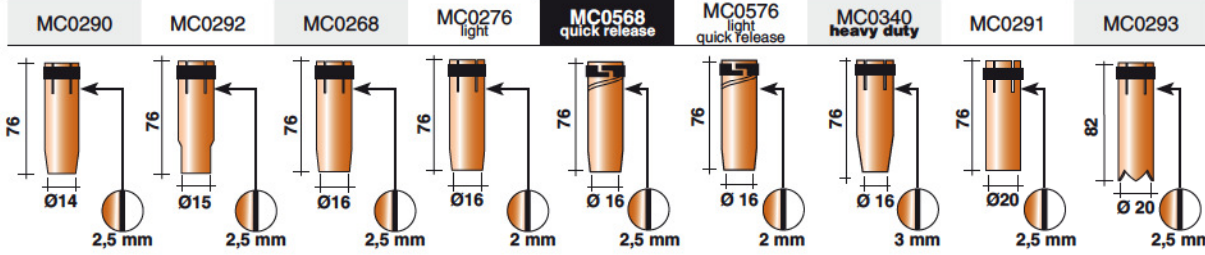
- control leads**
BX0156. 3 m
BX0157. 4 m
BX0158. 5 m
- wire conduit**
QB0072. 3 m
QB0073. 4 m
QB0074. 5 m
- separate gas hose**
QB0080. 3 m
QB0081. 4 m
QB0082. 5 m
- water inlet hose**
QB0076. 3 m
QB0077. 4 m
QB0078. 5 m
- cover**
MQ0205. 3 m
MQ0206. 4 m
MQ0207. 5 m
- water outlet - power cable**
QA0019. 3 m
QA0020. 4 m
QA0021. 5 m



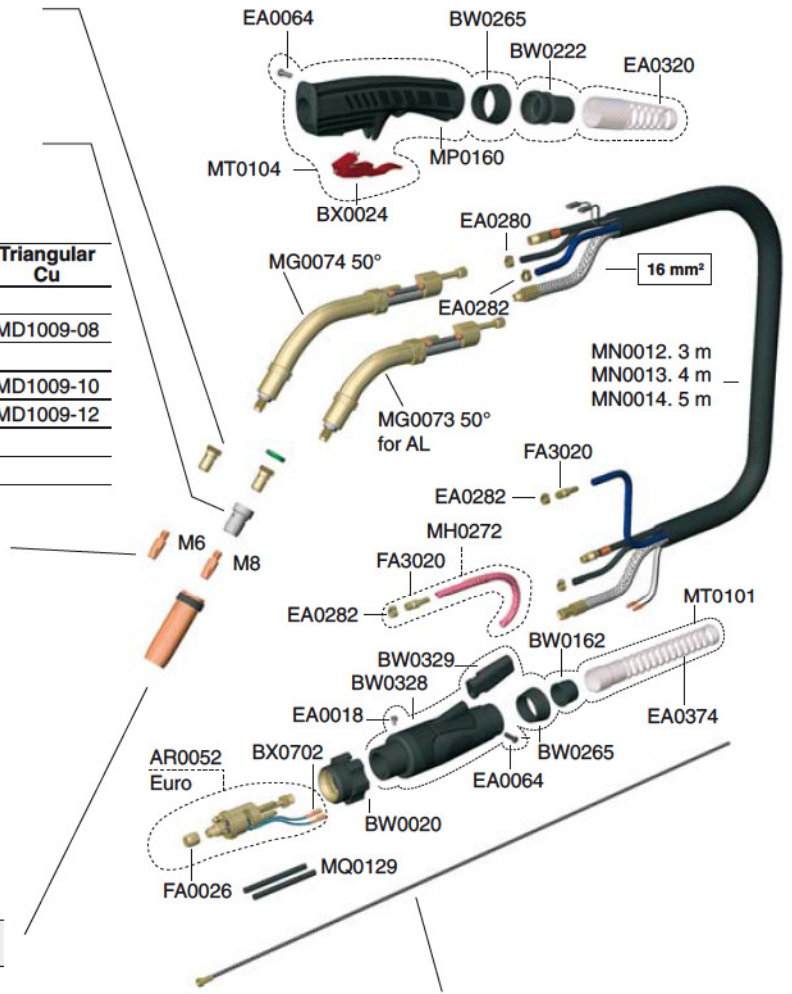
Ø	Cu	Cu-Ni	Cu for Al	CuCrZr	Triangular Cu
0,6	MD0009-06	MD0009-36			
0,8	MD0009-08	MD0009-38	MD0009-58	MD0009-78	MD1009-08
0,9	MD0009-09				
1,0	MD0009-10	MD0009-40	MD0009-60	MD0009-80	MD1009-10
1,2	MD0009-12	MD0009-42	MD0009-62	MD0009-82	MD1009-12
1,4	MD0009-14	MD0009-44			
1,6	MD0009-16	MD0009-46	MD0009-66		

Ø	Cu	Cu-Ni	Cu for Al	CuCrZr
0,8	MD0005-08	MD0005-38	MD0005-58	
0,9	MD0005-09		MD0005-59	
1,0	MD0005-10	MD0005-40	MD0005-60	MD0005-80
1,2	MD0005-12	MD0005-42	MD0005-62	MD0005-82
1,4	MD0005-14	MD0005-44		MD0005-84
1,6	MD0005-16	MD0005-46	MD0005-66	MD0005-86
2,0	MD0005-20		MD0005-70	
2,4	MD0005-24		MD0005-74	

Ø	Triangular Cu	Triangular CuCrZr
1,0	MD1005-10	MD1005-80
1,2	MD1005-12	MD1005-82
1,6	MD1005-16	MD1005-86



STANDARD (REF.)



Wire 1,2 + 1,6	uncoated	
	m	Steel
	3	GM0530
4	GM0531	
5	GM0532	