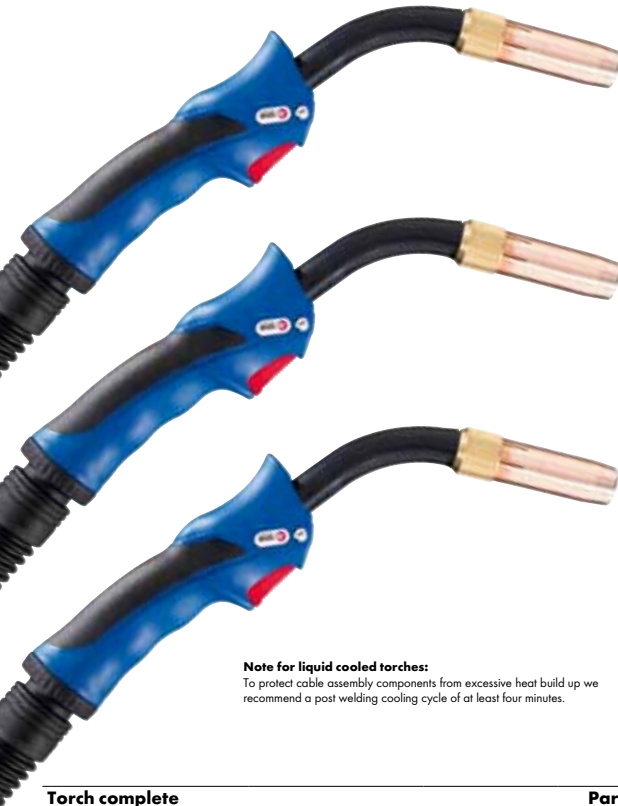


MIG/MAG Welding Torches "ABIMIG® GRIP W"

Liquid cooled • rating 450 A up to 625 A

- Dual-circuit cooling system with increased cooling liquid flow and new heat dissipation for optimal power and heat conduction – guarantees less spatter adhesion and therefore extremely extended service life of wear and spare parts
- Additional torch neck protection through a UV, ozone and temperature resistant protective cover – for longer torch service life
- The newly developed torch neck and handle system ABIMIG® GRIP with ball joint guarantees optimal balance – even for welding tasks when access is difficult
- Specially designed spare and wear parts for the high-performance application range – excellent results especially in pulse arc welding
- Gas nozzle with innovative "plug-screw connection" – optimal fixing and heat dissipation
- Swan neck can be delivered in three versions – with soldered or changeable tip holder M10 as well as with collet body version for push-fit "click" contact tip



Note for liquid cooled torches:
To protect cable assembly components from excessive heat build up we recommend a post welding cooling cycle of at least four minutes.

ABIMIG® GRIP W 605

Technical data (EN 60 974-7):

Rating: 625 A CO₂
575 A Mixed Gases
450 A Pulse
M21 (DIN EN 439)

Duty cycle: 100 %

Wire size: 1.0 – 1.6 mm

ABIMIG® GRIP W 605 D

Technical data (EN 60 974-7):

Rating: 600 A CO₂
550 A Mixed Gases
450 A Pulse
M21 (DIN EN 439)

Duty cycle: 100 %

Wire size: 1.0 – 1.6 mm

ABIMIG® GRIP W 605 C

Technical data (EN 60 974-7):

Rating: 600 A CO₂
550 A Mixed Gases
450 A Pulse
M21 (DIN EN 439)

Duty cycle: 100 %

Wire size: 1.0 – 1.6 mm

| Torch complete Type | Handle | 3 m | Part-No. | | | Swan neck | |
|------------------------|---------------------|------------|------------|------------|------|------------|--|
| | | | 4 m | 5 m | Type | Part-No. | |
| ABIMIG® GRIP W 605 | Type "ABIMIG® GRIP" | 766.0537.1 | 766.0538.1 | 766.0539.1 | 50° | 766.0541.1 | |
| ABIMIG® GRIP W 605 D | Type "ABIMIG® GRIP" | 766.0534.1 | 766.0535.1 | 766.0536.1 | 50° | 766.0540.1 | |
| ABIMIG® GRIP W 605 C | Type "ABIMIG® GRIP" | 766.0543.1 | 766.0544.1 | 766.0545.1 | 50° | 766.0542.1 | |

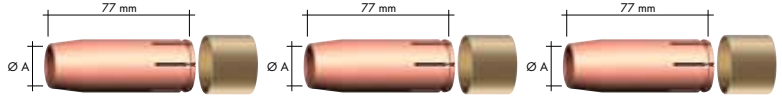
ABIMIG® GRIP W 605, ABIMIG® GRIP W 605 D, ABIMIG® GRIP W 605 C

Wear parts

ABIMIG® GRIP W 605

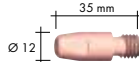
ABIMIG® GRIP W 605 D

ABIMIG® GRIP W 605 C

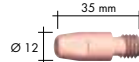


Gas nozzle (10 pcs.)

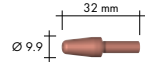
| | Ø A | | Ø A | | Ø A | |
|--------------------|------|-------------|------|-------------|------|-------------|
| Cylindrical | Ø 20 | 145.0678.10 | Ø 20 | 145.0678.10 | Ø 20 | 145.0678.10 |
| Conical | Ø 17 | 145.0669 | Ø 17 | 145.0669 | Ø 17 | 145.0669 |
| Gas nozzle adapter | | 766.1070 | | 766.1070 | | 766.1070 |



M10

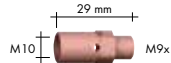


M10



Contact tip (10 pcs.)

| E-Cu | Ø 1.0 | 140.1542.10 | 140.1542.10 | - |
|--------|-------|-------------|-------------|----------|
| | Ø 1.2 | 140.1543.10 | 140.1543.10 | - |
| | Ø 1.6 | 140.1544.10 | 140.1544.10 | - |
| CuCrZr | Ø 1.0 | 140.0348 | 140.0348 | 140.1318 |
| | Ø 1.2 | 140.0481 | 140.0481 | 140.1319 |
| | Ø 1.6 | 140.0616 | 140.0616 | 140.1321 |



Contact tip holder / Collet body (10 pcs.)

| | | | |
|------------------------|---|-------------|----------|
| Contact tip holder M10 | - | 142.0202.10 | - |
| Collet body | - | - | 766.1051 |



Gas diffuser (10 pcs.)

| | | | |
|----------------------|----------|----------|----------|
| Long Life (Standard) | 766.0518 | 766.0518 | 766.0518 |
|----------------------|----------|----------|----------|



| Liner | | for 3 m | for 4 m | for 5 m |
|------------|-------|----------|----------|----------|
| Liner | Ø 1.0 | 124.0111 | 124.0112 | 124.0113 |
| | Ø 1.2 | 124.0111 | 124.0112 | 124.0113 |
| | Ø 1.6 | 124.0114 | 124.0115 | 124.0116 |
| PTFE liner | Ø 1.0 | 126.0021 | 126.0026 | 126.0028 |
| | Ø 1.2 | 126.0021 | 126.0026 | 126.0028 |
| | Ø 1.6 | 126.0039 | 126.0042 | 126.0045 |
| Carbon | Ø 1.0 | 127.0005 | 127.0007 | 127.0008 |
| | Ø 1.2 | 127.0005 | 127.0007 | 127.0008 |
| PTFE liner | Ø 1.6 | 127.0010 | 127.0012 | 127.0013 |