

BND
MIG/MAG SERIES



Welding Tools for the Professional

A Smart Approach

Parker Torchology is shaped by people with vision, a passion for improvement and a belief in delivering the very best Welding and Cutting Torch Range in the World.

We expect a great deal from our products, so we ask a lot of ourselves and our engineers.

Our mantra: **Innovation, Technology, Performance.**



DNA

Design and Engineering excellence are at the core of everything we do.

Every torch we build is driven by our relentless pursuit of perfection.

Premium Features

At Parker Torchology we do things differently, we strive to solve your problems with the perfect product to suit your needs. We create smart product features encased in cutting-edge design to ensure you always have the best tools to hand.





Production

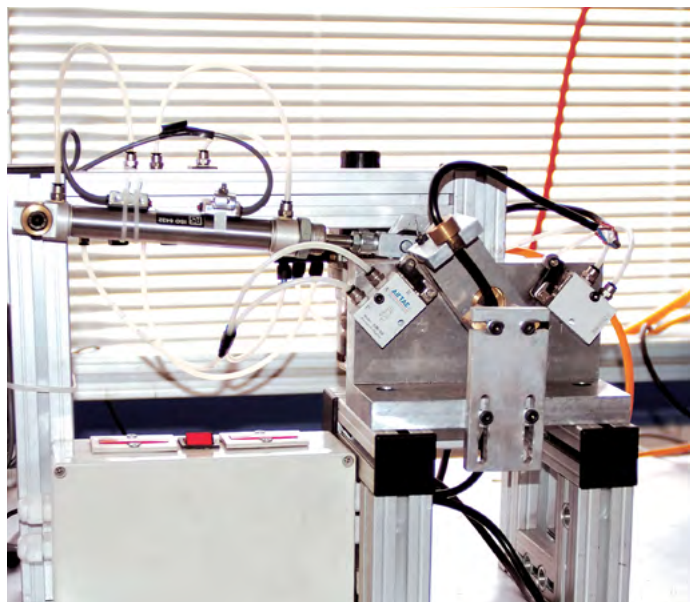
A fusion of precision production engineering, our bespoke processing techniques and a fanatical attention to detail ensures every welding torch we produce is worthy of the Parker Torchology name.

Testing, Testing, Testing

It takes patience to develop a new product, it's a lot more than a great idea.

Product development is an iterative process, trying something over and over, changing one small variable at a time.

We build endless prototypes and test pieces that undergo months of rigorous testing. Only once a product has passed up to 88 different test procedures, with every single part tested separately do we consider our latest designs ready for market.



Partners

Our customers and business partners play a vital role in our development. With the core aim to strive together, we work with end-users, distributors and academic institutions alike.

As a result we share fundamental values in order to succeed in our respective market places, supporting economic growth and collaborative opportunities with others.



A Bright Future

Technology doesn't stand still, which is why we are constantly innovating to bring you the best products on the market.

Our strong vision and focused innovation strategy, not to mention our passion to revolutionize the industry, ensure that Parker Torchology is a byword for excellence.

We Talk Torches

Contents

	BND Mig/Mag Torch Range Features Focus	6
	BND Mig/Mag Torch Range Overview and Ratings	7
	Torch Range	
Air-Cooled	BND Mig/Mag BN 200E	9
	BND Mig/Mag BN 300E	10
	BND Mig/Mag BN 400E	11
	BND Mig/Mag BNQ 200A	12
	BND Mig/Mag BNQ 300A	13
	BND Mig/Mag BNQ 400A	14
	Wear Parts	
	Nozzles	15
	Diffusers	15
	Contact Tips	16
	Nozzles - Centerfire® Series	17
	Diffusers - Centerfire® Series	18
	Contact Tips - Centerfire® Series	18
	Nozzles - Tough Lock™ Series	19
	Contact Tips - Tough Lock™ Series	19
	Head - Tough Lock™ Series	19
	Liners	20
	Centerfire® Wear Parts Configuration Tables	23
	Tough Lock™ Wear Parts Configuration Tables	24
	Rear-End Spare Parts	25
	Direct Plug Connector Kits	26

BND Mig/Mag Torch Range

Air-Cooled Features Focus

The North American style BND Series has been designed in line with the original specification for the harshest of environments.

Air-Cooled

Welding Tools for the Professional

100% Bernard® Compatibility Guaranteed

Quality Wear Parts

All wear parts are manufactured to the same or better specifications as the original and are guaranteed for compatibility, longevity and performance

- Contact tips are manufactured from premium grade copper alloys; we don't sacrifice performance by using low end or recycled raw materials
- The critical part of a BND nozzle is its insulator. We have extensive knowledge of composite insulation materials - in fact we have a division that does just that. We wrap glass mat, bond and cure all our own insulators before even assembling the nozzle
- The correct specification of raw material type, surface finish, tensile strength and the coiling technology utilized to form the liner are all essential elements in achieving the correct manufacture of a liner

Superior Flexibility and Durability

Every detail has been considered to ensure the welder has the very best handling in all positions

- Improved balance and positionability with the addition of a knuckle joint which enables small movements of the handle and neck independently of the cable assembly
- Cable sets offer the ultimate in heat and abrasion resistance, fused by an electron beam process that maximizes flexibility and enhances durability



Tough and Resilient

Glass filled polymers are used to produce tough and resilient handle sets and rear end housings

- Euro bodies utilize industry standard (thanks to us!) spring pins
- A broad selection of optional rear-end terminations ensure worldwide compatibility



The Smart Way To Buy Welding and Cutting Tools



BND Mig/Mag Torch Range

Ratings: 150 Amp to 320 Amp, Mixed Gas



Model		BN 200E	BN 300E	BN 400E
Technical Data				
Cooling Method		Air-Cooled	Air-Cooled	Air-Cooled
Rating: CO ₂		200A	300A	400A
Rating: Mixed Gas		150A	200A	320A
Duty Cycle		60%	60%	60%
Wire Size		0.8-1.2	0.8-1.2	0.8-1.6
Order Codes				
10ft		TC-P4E210 AE/M/T/L	TC-P4E310 AE/M/T/L	TC-P4E410 AE/M/T/L
12ft		TC-P4E212 AE/M/T/L	TC-P4E312 AE/M/T/L	TC-P4E412 AE/M/T/L
15ft		TC-P4E215 AE/M/T/L	TC-P4E315 AE/M/T/L	TC-P4E415 AE/M/T/L



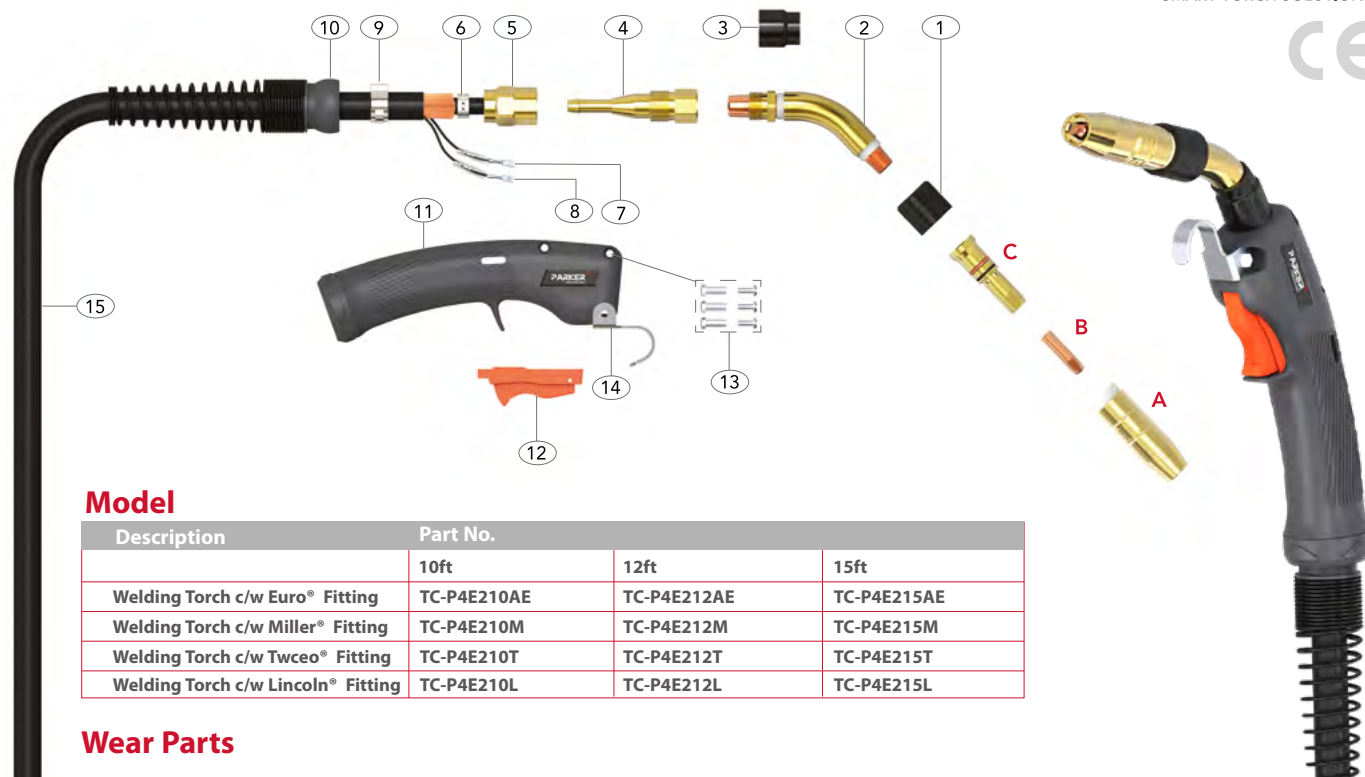
Model	BNQ 200A	BNQ 300A	BNQ 400A
Technical Data			
Cooling Method	Air-Cooled	Air-Cooled	Air-Cooled
Rating: CO ₂	200A	300A	400A
Rating: Mixed Gas	150A	200A	320A
Duty Cycle	60%	60%	60%
Wire Size	0.8-1.2	0.8-1.2	0.8-1.6

Order Codes	10ft	TC-PQN2010 AE/M/T/L	TC-PQN3010 AE/M/T/L	TC-PQN4010 AE/M/T/L
	12ft	TC-PQN2012 AE/M/T/L	TC-PQN3012 AE/M/T/L	TC-PQN4012 AE/M/T/L
	15ft	TC-PQN2015 AE/M/T/L	TC-PQN3015 AE/M/T/L	TC-PQN4015 AE/M/T/L

BN 200E Mig/Mag Torch Range

Rating: 200A CO₂ 150A mixed gas, EN60974-7 @ 60% duty cycle. 0.8 to 1.2mm / 0.030"-0.045" wires
Air-Cooled Mig Welding Torch

PARKER
TORCHOLGY
SMART TORCH SOLUTIONS



Model

Description	Part No.		
	10ft	12ft	15ft
Welding Torch c/w Euro® Fitting	TC-P4E210AE	TC-P4E212AE	TC-P4E215AE
Welding Torch c/w Miller® Fitting	TC-P4E210M	TC-P4E212M	TC-P4E215M
Welding Torch c/w Tweco® Fitting	TC-P4E210T	TC-P4E212T	TC-P4E215T
Welding Torch c/w Lincoln® Fitting	TC-P4E210L	TC-P4E212L	TC-P4E215L

Wear Parts

A Nozzles

Part No.	Description	Bore	Wall	Material
P4391	Conical Nozzle	16.0	2.85mm	Brass
* P4392	Tapered Nozzle	12.7	2.85mm	Brass
P4393	HD Conical Nozzle	16.0	2.85mm	Copper
P4295	Pipeline Nozzle	9.50	2.85mm	Brass

B Contact Tips

Part No.	Description	Material	Wire Size
			mm Inch
P4281	Contact Tip	Ecu	0.9 0.035
P4282	Contact Tip	Ecu	1.2 0.045
P4283	Contact Tip	Ecu	1.4 0.055
P4285	Contact Tip	Ecu	0.8 0.030
P7488	Contact Tip	Ecu	0.8 0.030
P7489	Contact Tip	Ecu	0.9 0.035
* P7490	Contact Tip	Ecu	1.2 0.045
P7496	Contact Tip	Ecu	1.0 0.040

C Diffusers

Part No.	Description	Material
* P4335	Head Assembly	Brass

D Liners

Part No.	Description	Length	Wire Size	
			mm	Inch
PA43010	Steel Liner x 10ft	3.80mt	0.6-0.8	0.023-0.030
PA43015	Steel Liner x 15ft	4.90mt	0.6-0.8	0.023-0.030
* PA43110	Steel Liner x 10ft	3.80mt	0.8-1.2	0.030-0.045
* PA43115	Steel Liner x 15ft	4.90mt	0.8-1.2	0.030-0.045

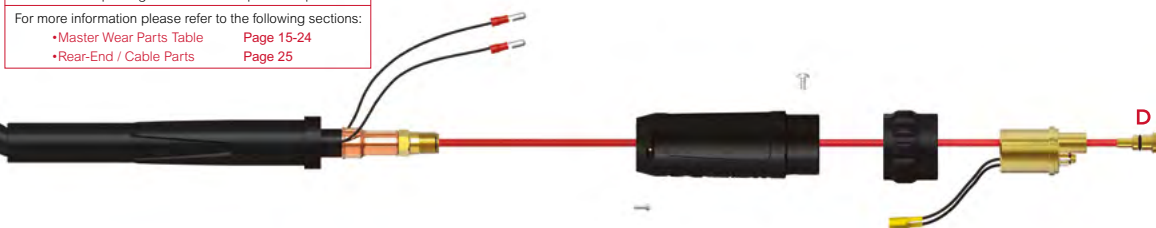
Spare Parts

Part No.	Description
1	P4323R Rubber Cap
2	P4786 Swan Neck Assembly
3	P4780 Neck Insulator
4	P4213B End Fitting
5	PR4305 Cone Nut
6	PB5046 Hose Clamp 12mm
7	PB1521 Cable Terminal
8	PB1521-C Cable Terminal Cover
9	PB5044 Hose Clamp 18.5mm
10	PBE8016 Spring Cable Support and Ball Joint
11	PN1780006 Handle Kit c/w Screws and Nuts and Hook
12	P5662 Trigger Switch
13	P1880004 Screw Pack
14	PR4238 Hanger Hook
15	P8681TE Duraflex Cable Assembly x 10ft
	P8682TE Duraflex Cable Assembly x 12ft
	P8685TE Duraflex Cable Assembly x 15ft

*Denotes torch package standard wear part set-up

For more information please refer to the following sections:

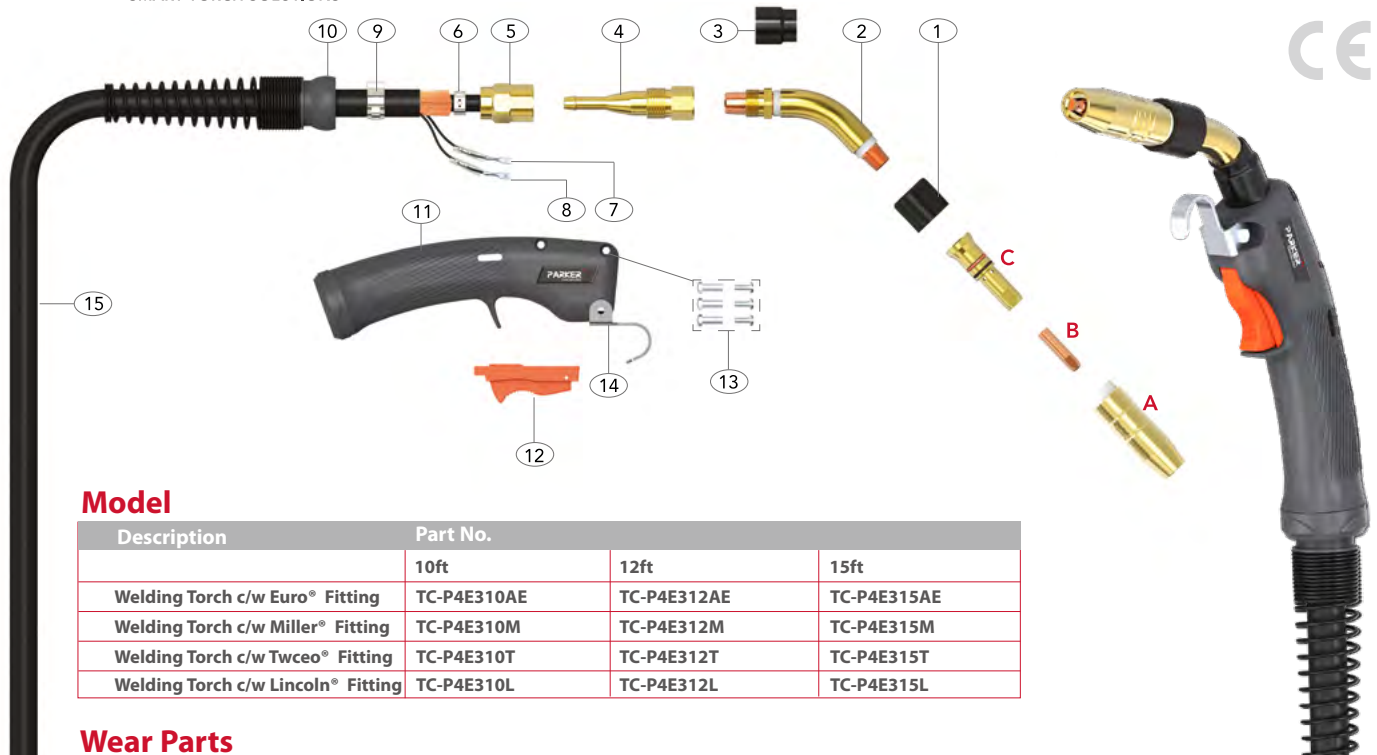
- Master Wear Parts Table Page 15-24
- Rear-End / Cable Parts Page 25



BN 300E Mig/Mag Torch Range

Rating: 300A CO₂ 200A mixed gas, EN60974-7 @ 60% duty cycle. 0.8 to 1.2mm / 0.030"-0.045" wires

Air-Cooled Mig Welding Torch



Model

Description	Part No.		
	10ft	12ft	15ft
Welding Torch c/w Euro® Fitting	TC-P4E310AE	TC-P4E312AE	TC-P4E315AE
Welding Torch c/w Miller® Fitting	TC-P4E310M	TC-P4E312M	TC-P4E315M
Welding Torch c/w Tweco® Fitting	TC-P4E310T	TC-P4E312T	TC-P4E315T
Welding Torch c/w Lincoln® Fitting	TC-P4E310L	TC-P4E312L	TC-P4E315L

Wear Parts

A Nozzles

Part No.	Description	Bore	Wall	Material
P4391	Conical Nozzle	16.0	2.85mm	Brass
* P4392	Tapered Nozzle	12.7	2.85mm	Brass
P4393	HD Conical Nozzle	16.0	2.85mm	Copper
P4295	Pipeline Nozzle	9.50	2.85mm	Brass

B Contact Tips

Part No.	Description	Material	Wire Size
			mm Inch
P4281	Contact Tip	Ecu	0.9 0.035
P4282	Contact Tip	Ecu	1.2 0.045
P4285	Contact Tip	Ecu	0.8 0.030
P7488	Contact Tip	Ecu	0.8 0.030
P7489	Contact Tip	Ecu	0.9 0.035
* P7490	Contact Tip	Ecu	1.2 0.045
P7496	Contact Tip	Ecu	1.0 0.040

C Diffusers

Part No.	Description	Material
* P4335	Head Assembly	Brass

D Liners

Part No.	Description	Length	Wire Size
			mm Inch
*PA43110	Steel Liner x 10ft	3.80mt	0.8-1.2 0.030-0.045
*PA43115	Steel Liner x 15ft	4.90mt	0.8-1.2 0.030-0.045

Spare Parts

Part No.	Description
1 P4323R	Rubber Cap
2 P4786	Swan Neck Assembly
3 P4780	Neck Insulator
4 P4213B	End Fitting
5 PR4305	Cone Nut
6 PB5046	Hose Clamp 12mm
7 PB1521	Cable Terminal
8 PB1521-C	Cable Terminal Cover
9 PB5044	Hose Clamp 18.5mm
10 PBE8016	Spring Cable Support and Ball Joint
11 PN1780006	Handle Kit c/w Screws and Nuts and Hook
12 P5662	Trigger Switch
13 P1880004	Screw Pack
14 PR4238	Hanger Hook
15 P4261TE	Duraflex Cable Assembly x 10ft
P4262TE	Duraflex Cable Assembly x 12ft
P4265TE	Duraflex Cable Assembly x 15ft

*Denotes torch package standard wear part set-up

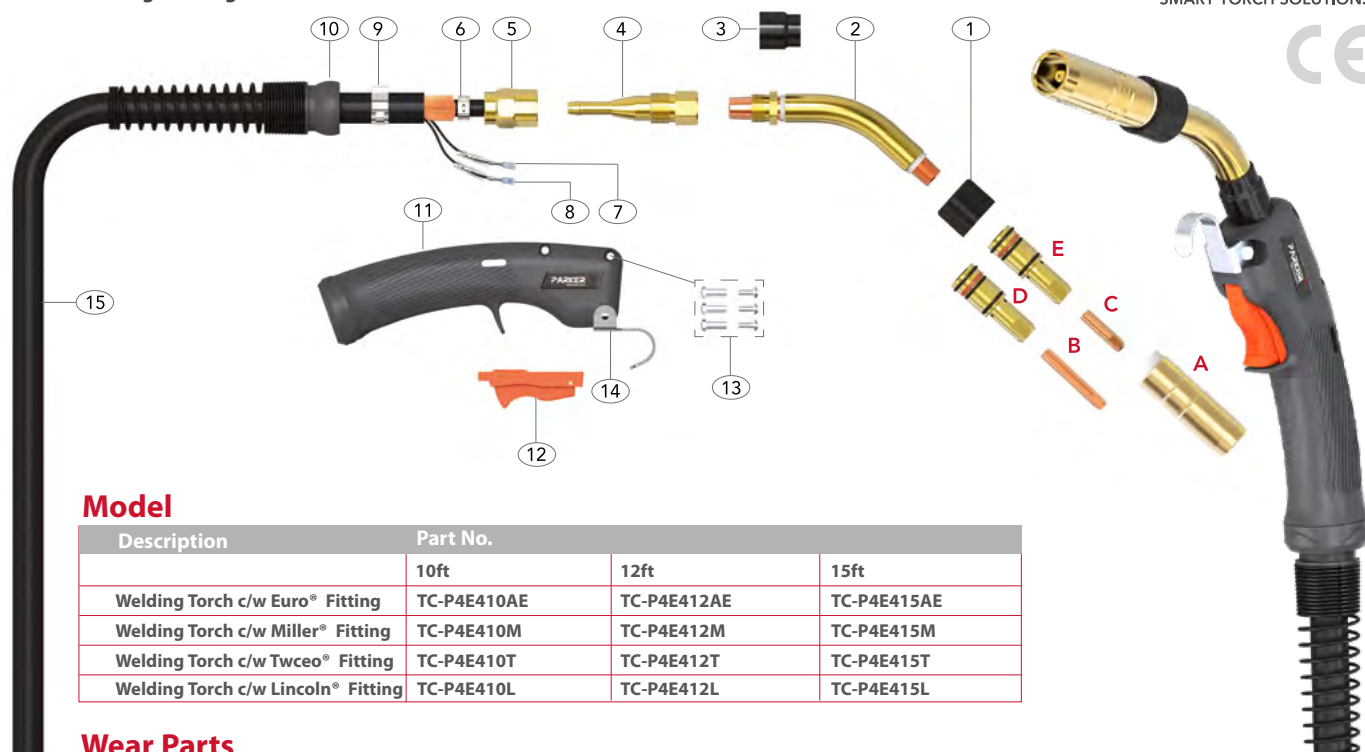
For more information please refer to the following sections:

- Master Wear Parts Table Page 15-24
- Rear-End / Cable Parts Page 25

BN 400E Mig/Mag Torch Range

Rating: 400A CO₂ 320A mixed gas, EN60974-7 @ 60% duty cycle. 0.8 to 1.6mm / 0.030"-1/16" wires
Air-Cooled Mig Welding Torch

PARKER
TORCHOLGY
SMART TORCH SOLUTIONS



Model

Description	Part No.		
	10ft	12ft	15ft
Welding Torch c/w Euro® Fitting	TC-P4E410AE	TC-P4E412AE	TC-P4E415AE
Welding Torch c/w Miller® Fitting	TC-P4E410M	TC-P4E412M	TC-P4E415M
Welding Torch c/w Tweco® Fitting	TC-P4E410T	TC-P4E412T	TC-P4E415T
Welding Torch c/w Lincoln® Fitting	TC-P4E410L	TC-P4E412L	TC-P4E415L

Wear Parts

A Nozzles

Part No.	Description	Bore	Wall	Material
* P4491	Conical Nozzle	19.0	2.95mm	Brass
P4492	Tapered Nozzle	14.0	2.95mm	Brass
P4591	HD Conical Nozzle	19.0	2.95mm	Copper
P4592	HD Conical Nozzle	14.0	2.95mm	Copper

B Contact Tips

Part No.	Description	Material	Wire Size
			mm Inch
P1588	Contact Tip	Ecu	0.8 0.030
P1589	Contact Tip	Ecu	0.9 0.035
P1590	Contact Tip	Ecu	1.2 0.045
P1591	Contact Tip	Ecu	1.6 1/16"
P1596	Contact Tip	Ecu	1.0 0.040

C Contact Tips

Part No.	Description	Material	Wire Size
			mm Inch
P7488	Contact Tip	Ecu	0.8 0.030
P7489	Contact Tip	Ecu	0.9 0.035
* P7490	Contact Tip	Ecu	1.2 0.045
P7491	Contact Tip	Ecu	1.6 1/16"
P7496	Contact Tip	Ecu	1.0 0.040
P7498	Contact Tip	Ecu	1.3 0.052

D Diffusers

Part No.	Description	Material
P4635	Head Assembly	Brass

*Denotes torch package standard wear part set-up

For more information please refer to the following sections:

- Master Wear Parts Table Page 15-24
- Rear-End / Cable Parts Page 25

E Diffusers

Part No.	Description	Material
P4435	Head Assembly	Brass

F Liners

Part No.	Description	Length	Wire Size
			mm Inch
* PA44110	Steel Liner x 10ft	3.80mt	0.8-1.2 0.030-0.045
* PA44115	Steel Liner x 15ft	4.90mt	0.8-1.2 0.030-0.045
PA44210	Steel Liner x 10ft	3.80mt	1.2-1.6 0.045-1/16"
PA44215	Steel Liner x 15ft	4.90mt	1.2-1.6 0.045-1/16"
PA44310	Steel Liner x 10ft	3.80mt	2.0 5/64"
PA44315	Steel Liner x 15ft	4.90mt	2.0 5/64"

Spare Parts

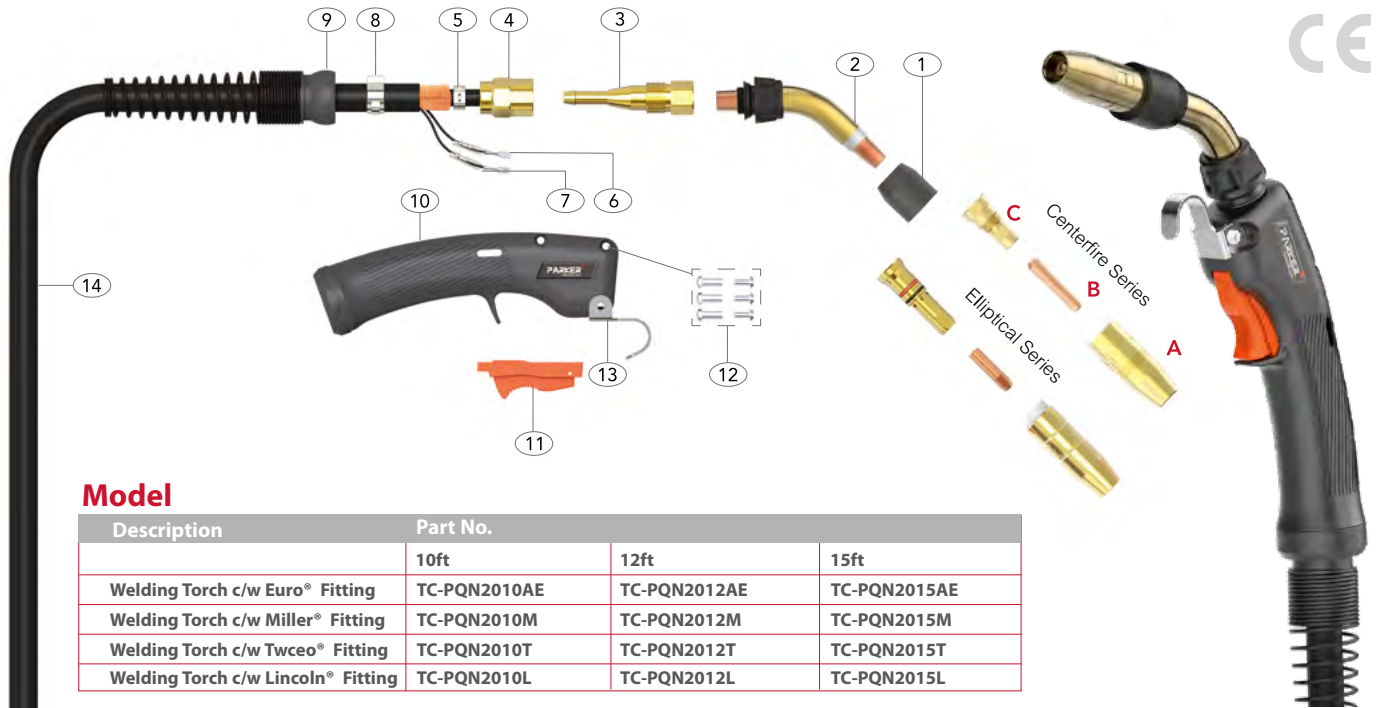
Part No.	Description
1 P4423R	Rubber Cap
2 P4790	Swan Neck Assembly
3 P4780	Neck Insulator
4 P4213B	End Fitting
5 PR4305	Cone Nut
6 PB5046	Hose Clamp 12mm
7 PB1521	Cable Terminal
8 PB1521-C	Cable Terminal Cover
9 P132-12	Hose Clamp 21mm
10 PBE8018	Spring Cable Support and Ball Joint
11 PN1780006	Handle Kit c/w Screws and Nuts and Hook
12 P5662	Trigger Switch
13 P1880004	Screw Pack
14 PR4238	Hanger Hook
15 P4361TE	Duraflex Cable Assembly x 10ft
P4362TE	Duraflex Cable Assembly x 12ft
P4365TE	Duraflex Cable Assembly x 15ft



BNQ 200A Mig/Mag Torch Range

Rating: 200A CO₂ 150A mixed gas, EN60974-7 @ 60% duty cycle. 0.8 to 1.2mm / 0.030"-0.045" wires

Air-Cooled Mig Welding Torch



Model

Description	Part No.		
	10ft	12ft	15ft
Welding Torch c/w Euro® Fitting	TC-PQN2010AE	TC-PQN2012AE	TC-PQN2015AE
Welding Torch c/w Miller® Fitting	TC-PQN2010M	TC-PQN2012M	TC-PQN2015M
Welding Torch c/w Tweco® Fitting	TC-PQN2010T	TC-PQN2012T	TC-PQN2015T
Welding Torch c/w Lincoln® Fitting	TC-PQN2010L	TC-PQN2012L	TC-PQN2015L

Wear Parts

A Centerfire® Nozzles

Part No.	Description	Wall	Material
PNS-1218C	Nozzle 1/2" Recess 1/8"	3.15mm	Copper
*PNS-1218B	Nozzle 1/2" Recess 1/8"	3.15mm	Brass
PNS-5818C	Nozzle 5/8" Recess 1/8"	3.15mm	Copper
PNS-5818B	Nozzle 5/8" Recess 1/8"	3.15mm	Brass

B Centerfire® Contact Tips

Part No.	Description	Material	Wire Size	
			mm	Inch
PT-030	Contact Tip	Ecu	0.8	0.030"
*PT-035	Contact Tip	Ecu	0.9	0.035"
PT-039	Contact Tip	Ecu	1.0	0.040"
PT-045	Contact Tip	Ecu	1.2	0.045"

C Centerfire® Diffusers

Part No.	Description	Material
*PDS-1	Small Diffuser	Brass

D Centerfire® Liners

Part No.	Description	Nipple	Wire Size	
			mm	Inch
* PL3A-10	Universal Liner x 10ft	Brass	0.9-1.2	0.035"-0.045"
* PL3A-12	Universal Liner x 12ft	Brass	0.9-1.2	0.035"-0.045"
* PL3A-15	Universal Liner x 15ft	Brass	0.9-1.2	0.035"-0.045"

Spare Parts

Part No.	Description
1	P4523R Neck Insulator
2	PQT2N-45 Swan Neck Assembly
3	P4213B End Fitting
4	PR4305 Cone Nut
5	PB5046 Hose Clamp 12mm
6	PB1521 Cable Terminal
7	PB1521-C Cable Terminal Cover
8	PB5044 Hose Clamp 18.5mm
9	PBE8016 Spring Cable Support and Ball Joint
10	PN1780006 Handle Kit c/w Screws and Nuts and Hook
11	P5662 Trigger Switch
12	P1880004 Screw Pack
13	PR4238 Hanger Hook
14	P8681TE Duraflex Cable Assembly x 10ft
	P8682TE Duraflex Cable Assembly x 12ft
	P8685TE Duraflex Cable Assembly x 15ft

*Denotes torch package standard wear part set-up

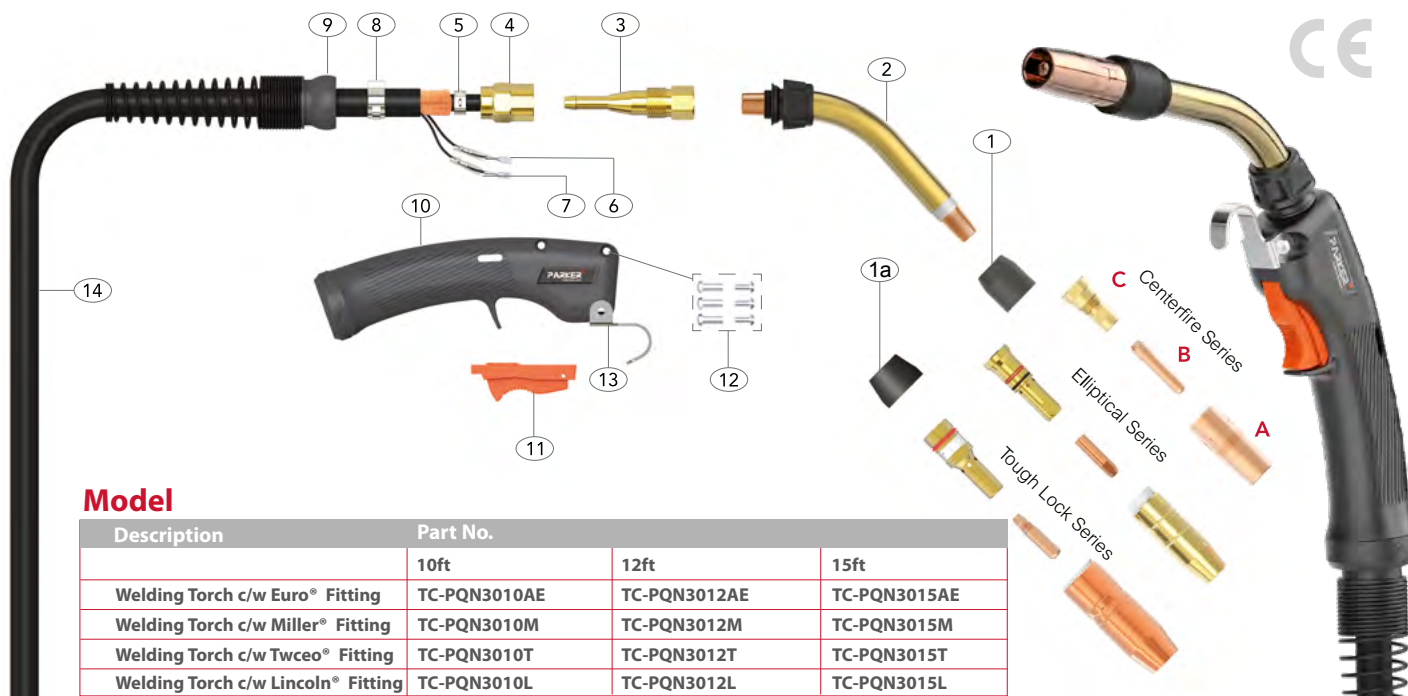
For more information please refer to the following sections:

- *Master Wear Parts Table Page 15-24
- *Rear-End / Cable Parts Page 25

BNQ 300A Mig/Mag Torch Range

Rating: 300A CO₂ 200A mixed gas, EN60974-7 @ 60% duty cycle. 0.8 to 1.2mm / 0.030"-0.045" wires
Air-Cooled Mig Welding Torch

PARKER
TORCHOLOGY
SMART TORCH SOLUTIONS



Model

Description	Part No.		
	10ft	12ft	15ft
Welding Torch c/w Euro® Fitting	TC-PQN3010AE	TC-PQN3012AE	TC-PQN3015AE
Welding Torch c/w Miller® Fitting	TC-PQN3010M	TC-PQN3012M	TC-PQN3015M
Welding Torch c/w Tweco® Fitting	TC-PQN3010T	TC-PQN3012T	TC-PQN3015T
Welding Torch c/w Lincoln® Fitting	TC-PQN3010L	TC-PQN3012L	TC-PQN3015L

Wear Parts

A Centerfire® Nozzles

Part No.	Description	Wall	Material
PNS-1218C	Nozzle 1/2" Recess 1/8"	3.15mm	Copper
PNS-1218B	Nozzle 1/2" Recess 1/8"	3.15mm	Brass
*PNS-5818C	Nozzle 5/8" Recess 1/8"	3.15mm	Copper
PNS-5818B	Nozzle 5/8" Recess 1/8"	3.15mm	Brass

B Centerfire® Contact Tips

Part No.	Description	Material	Wire Size	
			mm	Inch
PT-023	Contact Tip	Ecu	0.6	0.023"
PT-030	Contact Tip	Ecu	0.8	0.030"
*PT-035	Contact Tip	Ecu	0.9	0.035"
PT-039	Contact Tip	Ecu	1.0	0.040"
PT-045	Contact Tip	Ecu	1.2	0.045"

C Centerfire® Diffusers

Part No.	Description	Material
*PDS-1	Small Diffuser	Brass

D Centerfire® Liners

Part No.	Description	Nipple	Wire Size	
			mm	Inch
*PL3A-10	Universal Liner x 10ft	Brass	0.9-1.2	0.035"-0.045"
*PL3A-12	Universal Liner x 12ft	Brass	0.9-1.2	0.035"-0.045"
*PL3A-15	Universal Liner x 15ft	Brass	0.9-1.2	0.035"-0.045"

Spare Parts

Part No.	Description
1	P4523R Neck Insulator
1a	P10012 Neck Insulator
2	PQT3N-45 Swan Neck Assembly
3	P4213B Front Connector
4	PR4305 Cone Nut
5	PB5046 Hose Clamp 12mm
6	PB1521 Cable Terminal
7	PB1521-C Cable Terminal Cover
8	PB5044 Hose Clamp 18.5mm
9	PBE8016 Spring Cable Support and Ball Joint
10	PN1780006 Handle Kit c/w Screws and Nuts and Hook
11	P5662 Trigger Switch
12	P1880004 Screw Kit
13	PR4238 Hanger Hook
14	P4261TE Duraflex Cable Assembly x 10ft
	P4262TE Duraflex Cable Assembly x 12ft
	P4265TE Duraflex Cable Assembly x 15ft

*Denotes torch package standard wear part set-up

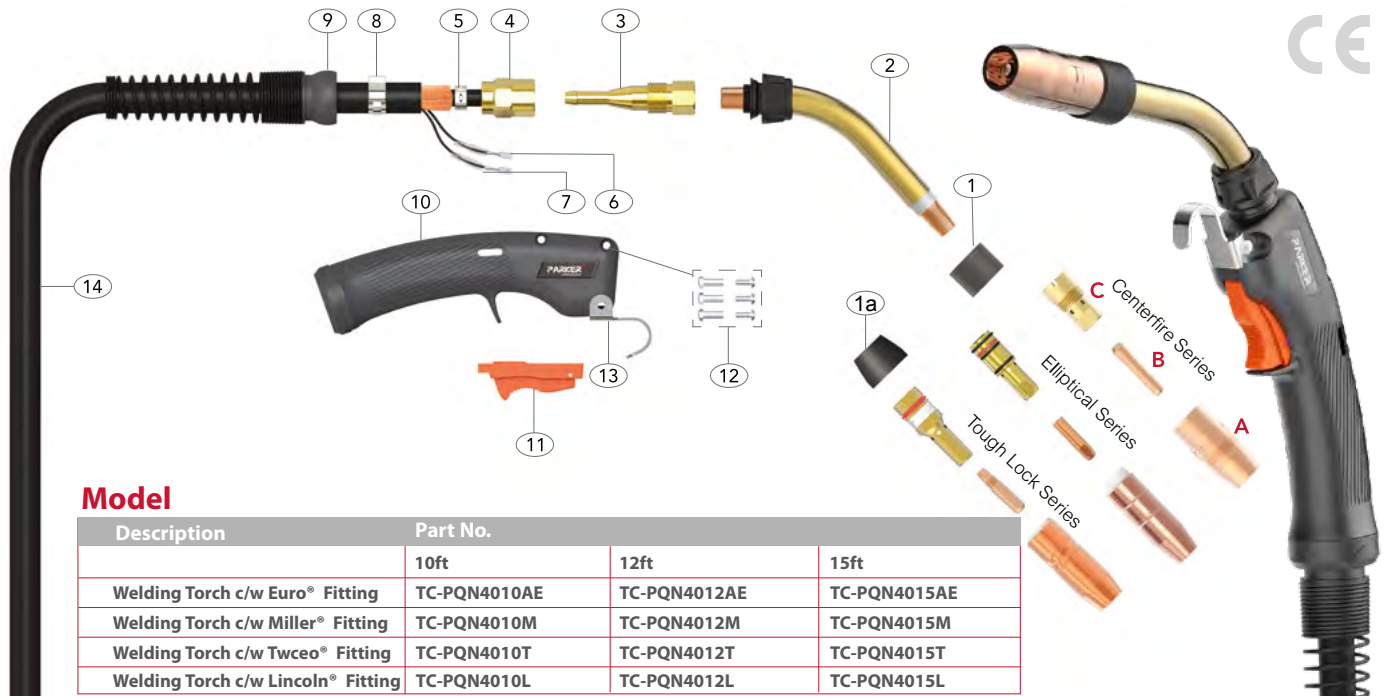
For more information please refer to the following sections:

- Master Wear Parts Table Page 15-24
- Rear-End / Cable Parts Page 25

BNQ 400A Mig/Mag Torch Range

Rating: 400A CO₂ 320A mixed gas, EN60974-7 @ 60% duty cycle. 0.8 to 1.6mm / 0.030"-1/16" wires

Air-Cooled Mig Welding Torch



Model

Description	Part No.		
	10ft	12ft	15ft
Welding Torch c/w Euro® Fitting	TC-PQN4010AE	TC-PQN4012AE	TC-PQN4015AE
Welding Torch c/w Miller® Fitting	TC-PQN4010M	TC-PQN4012M	TC-PQN4015M
Welding Torch c/w Tweco® Fitting	TC-PQN4010T	TC-PQN4012T	TC-PQN4015T
Welding Torch c/w Lincoln® Fitting	TC-PQN4010L	TC-PQN4012L	TC-PQN4015L

Wear Parts

A Centerfire® Nozzles

Part No.	Description	Wall	Material
PN-3400C	Nozzle 3/4" Flush	2.95mm	Copper
PN-3418C	Nozzle 3/4" Recess 1/8"	2.95mm	Copper
PN-3414C	Nozzle 3/4" Recess 1/4"	2.95mm	Copper
PN-3418B	Nozzle 3/4" Recess 1/8"	2.95mm	Brass
PN-3414B	Nozzle 3/4" Recess 1/4"	2.95mm	Brass
PN-5800C	Nozzle 5/8" Flush	2.95mm	Copper
*PN-5818C	Nozzle 5/8" Recess 1/8"	2.95mm	Copper
PN-5814C	Nozzle 5/8" Recess 1/4"	2.95mm	Copper
PN-5818B	Nozzle 5/8" Recess 1/8"	2.95mm	Brass
PN-5814B	Nozzle 5/8" Recess 1/4"	2.95mm	Brass

B Centerfire® Contact Tips

Part No.	Description	Material	Wire Size	
			mm	Inch
PT-030	Contact Tip	Ecu	0.8	0.030"
*PT-035	Contact Tip	Ecu	0.9	0.035"
PT-039	Contact Tip	Ecu	1.0	0.040"
PT-045	Contact Tip	Ecu	1.2	0.045"
PT-052	Contact Tip	Ecu	1.4	0.055"
PT-062	Contact Tip	Ecu	1.6	1/16"

C Centerfire® Diffusers

Part No.	Description	Material
*PD-1	Large Diffusers	Brass

D Centerfire® Liners

Part No.	Description	Nipple	Wire Size	
			mm	Inch
*PL3A-10	Universal Liner x 10ft	Brass	0.9-1.2	0.035"-0.045"
*PL3A-12	Universal Liner x 12ft	Brass	0.9-1.2	0.035"-0.045"
*PL3A-15	Universal Liner x 15ft	Brass	0.9-1.2	0.035"-0.045"

Spare Parts

Part No.	Description
1	P4423R Rubber Cap
1a	P10012 Neck Insulator
2	PQT3N-45 Swan Neck Assembly
3	P4213B Front Connector
4	PR4305 Cone Nut
5	PB5046 Hose Clamp 12mm
6	PB1521 Cable Terminal
7	PB1521-C Cable Terminal Cover
8	PB5044 Hose Clamp 18.5mm
9	PBE8018 Spring Cable Support and Ball Joint
10	PN1780006 Handle Kit c/w Screws and Nuts and Hook
11	P5662 Trigger Switch
12	P1880004 Screw Kit
13	PR4238 Hanger Hook
14	P4361TE Duraflex Cable Assembly x 10ft
	P4362TE Duraflex Cable Assembly x 12ft
	P4365TE Duraflex Cable Assembly x 15ft

*Denotes torch package standard wear part set-up

For more information please refer to the following sections:

- Master Wear Parts Table Page 15-24
- Rear-End / Cable Parts Page 25



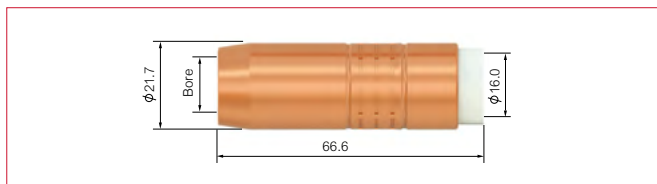
Nozzles

BN 200E/300E/BNQ 200A/300A

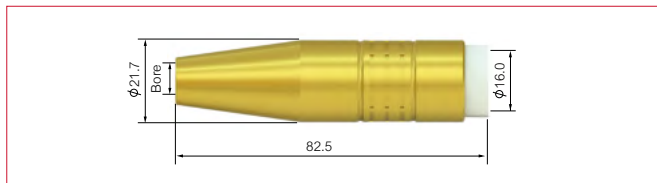
Part No.	Description	Bore	Wall	Material
P4391	Conical Nozzle	16.0	2.85mm	Brass
* P4392	Tapered Nozzle	12.7	2.85mm	Brass



P4393	HD Conical Nozzle	16.0	2.85mm	Copper
-------	-------------------	------	--------	--------

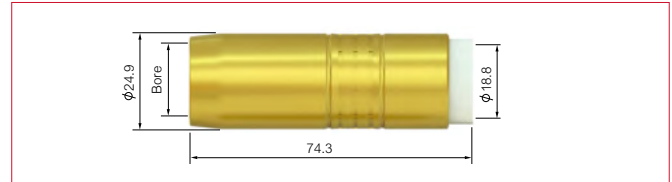


P4295	Pipeline Nozzle	9.50	2.85mm	Brass
-------	-----------------	------	--------	-------

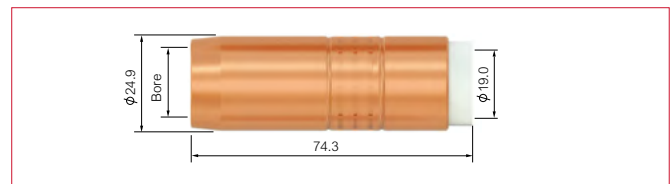


BN 400E/BNQ 400A

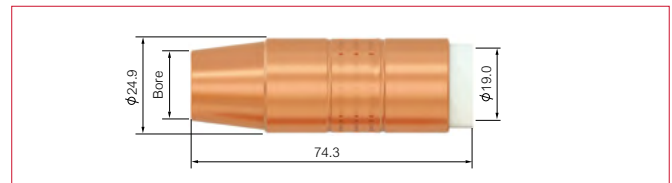
Part No.	Description	Bore	Wall	Material
* P4491	Conical Nozzle	19.0	2.95mm	Brass
P4492	Tapered Nozzle	14.0	2.95mm	Brass



P4591	HD Conical Nozzle	19.0	2.95mm	Copper
-------	-------------------	------	--------	--------



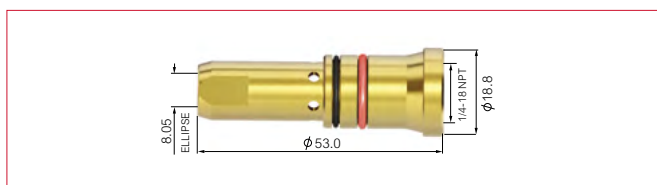
P4592	HD Conical Nozzle	14.0	2.95mm	Copper
-------	-------------------	------	--------	--------



Diffuser

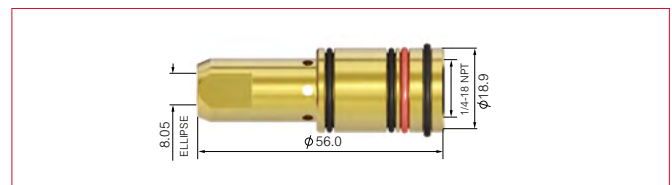
BN 200E/300E/BNQ 200A/300A

Part No.	Description	Material
* P4335	Head Assembly	Brass



BN 400E

Part No.	Description	Material
* P4435	Head Assembly	Brass



* Denotes torch package standard wear part set-up

Contact Tips

BN 200E/300E/400E/BNQ 200A/300A

Part No.	Description	Wire Size		Material
		mm	inch	
P1588	Contact Tip	0.8	0.030	Ecu
P1589	Contact Tip	0.9	0.035	Ecu
P1590	Contact Tip	1.2	0.045	Ecu
P1591	Contact Tip	1.6	1/16"	Ecu
P1596	Contact Tip	1.0	0.040	Ecu



P4280	Contact Tip	1.6	0.063	Ecu
P4281	Contact Tip	0.9	0.035	Ecu
P4282	Contact Tip	1.2	0.045	Ecu
P4283	Contact Tip	1.4	0.055	Ecu
P4285	Contact Tip	0.8	0.030	Ecu



Part No.	Description	Wire Size		Material
		mm	inch	
P7488	Contact Tip	0.8	0.030	Ecu
P7489	Contact Tip	0.9	0.035	Ecu
* P7490	Contact Tip	1.2	0.045	Ecu
P7491	Contact Tip	1.6	1/16"	Ecu
P7496	Contact Tip	1.0	0.040	Ecu
P7498	Contact Tip	1.3	0.052	Ecu

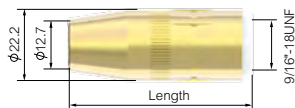


* Denotes torch package standard wear part set-up

Centerfire® Nozzles

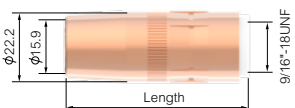
BNQ200A/300A

Part No.	Description	Length mm	Wall mm	Material
PNS-1218C	Nozzle 1/2" Recess 1/8"	57.1	3.15	Copper
*PNS-1218B	Nozzle 1/2" Recess 1/8"	57.1	3.15	Brass



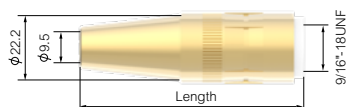
* Standard wear part for BNQ 200A

*PNS-5818C	Nozzle 5/8" Recess 1/8"	57.1	3.15	Copper
PNS-5818B	Nozzle 5/8" Recess 1/8"	57.1	3.15	Brass



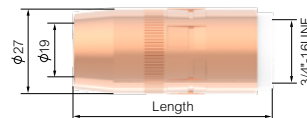
* Standard wear part for BNQ 300A

PNST-3818B	Tapered Nozzle 3/8" Recess 1/8"	69.8	3.15	Brass
------------	---------------------------------	------	------	-------

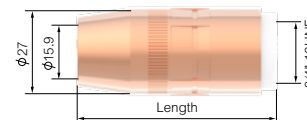


BNQ 400A

Part No.	Description	Length mm	Wall mm	Material
PN-3400C	Nozzle 3/4" Flush	62.0	2.95	Copper
PN-3414C	Nozzle 3/4" Recess 1/8"	68.5	2.95	Copper
PN-3418C	Nozzle 3/4" Recess 1/4"	65.2	2.95	Copper
PN-3418B	Nozzle 3/4" Recess 1/8"	65.2	2.95	Brass
PN-3414B	Nozzle 3/4" Recess 1/4"	68.5	2.95	Brass



PN-5800C	Nozzle 5/8" Flush	62.0	2.95	Copper
PN-5818C	Nozzle 5/8" Recess 1/8"	65.2	2.95	Copper
PN-5814C	Nozzle 5/8" Recess 1/4"	68.5	2.95	Copper
PN-5818B	Nozzle 5/8" Recess 1/8"	65.2	2.95	Brass
PN-5814B	Nozzle 5/8" Recess 1/4"	68.5	2.95	Brass

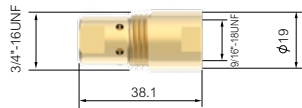


* Denotes torch package standard wear part set-up

Centerfire® Diffuser

BNQ 200A/300A/400A

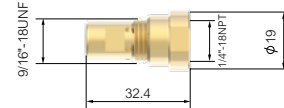
Part No.	Description	Material
PD-1T	Large Diffuser - TWC/TRG	Brass



Liner Trim Guideline: 13/16" - 20.6mm

BNQ 200A/300A

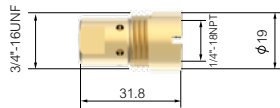
Part No.	Description	Material
*PDS-1	Small Diffuser	Brass



Liner Trim Guideline: 9/16" - 14.3mm

BNQ 400A

Part No.	Description	Material
*PD-1	Large Diffuser	Brass

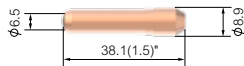


Liner Trim Guideline: 9/16" - 14.3mm

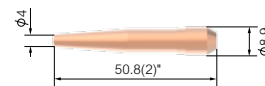
Centerfire® Contact Tips

BNQ 200A/300A/400A

Part No.	Description	Material	Wire Size	
			mm	inch
PT-023	Contact Tip	Ecu	0.6	0.023
PT-030	Contact Tip	Ecu	0.8	0.030
*PT-035	Contact Tip	Ecu	0.9	0.035
PT-039	Contact Tip	Ecu	1.0	0.040
PT-045	Contact Tip	Ecu	1.2	0.045
PT-052	Contact Tip	Ecu	1.4	0.052
PT-062	Contact Tip	Ecu	1.6	1/16"



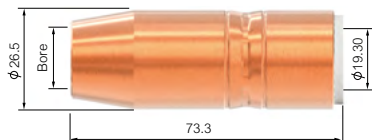
Part No.	Description	Material	Wire Size	
			mm	inch
PTT-035	Contact Tip	Ecu	0.9	0.035
PTT-045	Contact Tip	Ecu	1.2	0.045
PTT-052	Contact Tip	Ecu	1.4	0.052



* Denotes torch package standard wear part set-up

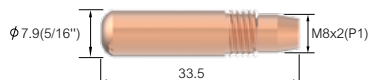
Tough Lock™ Nozzles BNQ 300A/400A

Part No.	Description	Bore	Wall	Material
P401-6-50	1/8" Recess Tip 1/2" Bore Nozzle	12.7	2.40mm	Copper
P401-6-62	1/8" Recess Tip 5/8" Bore Nozzle	16.0	2.40mm	Copper
P401-6-75	1/8" Recess Tip 3/4" Bore Nozzle	19.0	2.40mm	Copper

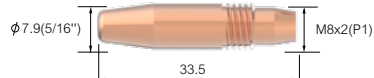


Tough Lock™ Contact Tips BNQ 300A/400A

Part No.	Description	Wire Size		Material
		mm	inch	
P403-20-30	HD Contact Tip	0.8	0.030	Ecu
P403-20-35	HD Contact Tip	0.9	0.035	Ecu
P403-20-10	HD Contact Tip	1.0	0.040	Ecu
P403-20-45	HD Contact Tip	1.2	0.045	Ecu
P403-20-52	HD Contact Tip	1.3	0.052	Ecu
P403-20-55	HD Contact Tip	1.4	0.055	Ecu
P403-20-116	HD Contact Tip	1.6	1/16"	Ecu
P403-20-564	HD Contact Tip	2.0	5/64"	Ecu
P403-20-332	HD Contact Tip	2.4	3/32"	Ecu

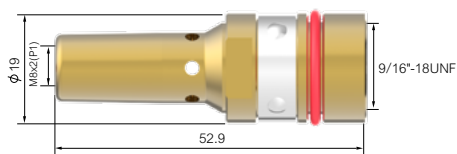


Part No.	Description	Wire Size		Material
		mm	inch	
P403-21-30	HD Tapered Tip	0.8	0.030	Ecu
P403-21-35	HD Tapered Tip	0.9	0.035	Ecu
P403-21-10	HD Tapered Tip	1.0	0.040	Ecu
P403-21-45	HD Tapered Tip	1.2	0.045	Ecu
P403-21-52	HD Tapered Tip	1.3	0.052	Ecu
P403-21-116	HD Tapered Tip	1.6	1/16"	Ecu

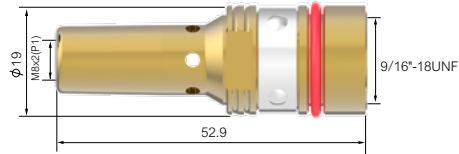


Tough Lock™ Retaining Head BNQ 300A/400A

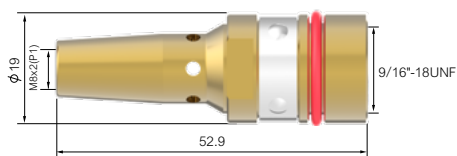
Part No.	Description	Material
P404-20	Retaining Head Assembly	Brass



Part No.	Description	Material
P404-26	Dual Taper Retaining Head Assembly	Brass



Part No.	Description	Material
P404-30	Retaining Head Assembly	Brass



Liner Options 0.6-0.8mm

BN 200E/BNQ 200A

Part No.	Description	Length	Nipple	Wire Size	
				mm	inch
PA43010	Steel Liner x 10ft	3.80mt	Brass Nipple	0.6-0.8	0.023-0.030
PA43015	Steel Liner x 15ft	4.90mt	Brass Nipple	0.6-0.8	0.023-0.030



Liner Options 0.8-1.2mm

BN 200E/300E/BNQ 200A/300A

Part No.	Description	Length	Nipple	Wire Size	
				mm	inch
*PA43110	Steel Liner x 10ft	3.80mt	Brass Nipple	0.8-1.2	0.030-0.045
*PA43115	Steel Liner x 15ft	4.90mt	Brass Nipple	0.8-1.2	0.030-0.045
PA43125	Steel Liner x 25ft	8.10mt	Brass Nipple	0.8-1.2	0.030-0.045



PN43110	Polyamide Liner x 10ft	3.80mt	Brass Nipple	0.8-1.2	0.030-0.045
PN43115	Polyamide Liner x 15ft	4.90mt	Brass Nipple	0.8-1.2	0.030-0.045
PN43125	Polyamide Liner x 25ft	8.10mt	Brass Nipple	0.8-1.2	0.030-0.045



BN 400E/BNQ 300A

Part No.	Description	Length	Nipple	Wire Size	
				mm	inch
*PA44110	Steel Liner x 10ft	3.80mt	Brass Nipple	0.8-1.2	0.030-0.045
*PA44115	Steel Liner x 15ft	4.90mt	Brass Nipple	0.8-1.2	0.030-0.045



* Denotes torch package standard wear part set-up

Liner Options 1.2-1.6mm

BN 300E/BNQ 300A/400A

Part No.	Description	Length	Nipple	Wire Size	
				mm	inch
PA43210	Steel Liner x 10ft	3.80mt	Brass Nipple	1.2-1.6	0.045-1/16"
PA43215	Steel Liner x 15ft	4.90mt	Brass Nipple	1.2-1.6	0.045-1/16"
PA43225	Steel Liner x 25ft	8.10mt	Brass Nipple	1.2-1.6	0.045-1/16"



PN43210	Polyamide Liner x 10ft	3.80mt	Brass Nipple	1.2-1.6	0.045-1/16"
PN43215	Polyamide Liner x 15ft	4.90mt	Brass Nipple	1.2-1.6	0.045-1/16"
PN43225	Polyamide Liner x 25ft	8.10mt	Brass Nipple	1.2-1.6	0.045-1/16"



BN 400E/BNQ 400A

Part No.	Description	Length	Nipple	Wire Size	
				mm	inch
PA44210	Steel Liner x 10ft	3.80mt	Brass Nipple	1.2-1.6	0.045-1/16"
PA44215	Steel Liner x 15ft	4.90mt	Brass Nipple	1.2-1.6	0.045-1/16"
PA44225	Steel Liner x 25ft	8.10mt	Brass Nipple	1.2-1.6	0.045-1/16"



Liner Options 2.0mm

BN 400E/BNQ 400A

Part No.	Description	Length	Nipple	Wire Size	
				mm	inch
PA44310	Steel Liner x 10ft	3.80mt	Brass Nipple	2.0	5/64"
PA44315	Steel Liner x 15ft	4.90mt	Brass Nipple	2.0	5/64"
PA44325	Steel Liner x 25ft	8.10mt	Brass Nipple	2.0	5/64"



* Denotes torch package standard wear part set-up

Centerfire® Liner

BNQ 200A/300A/400A

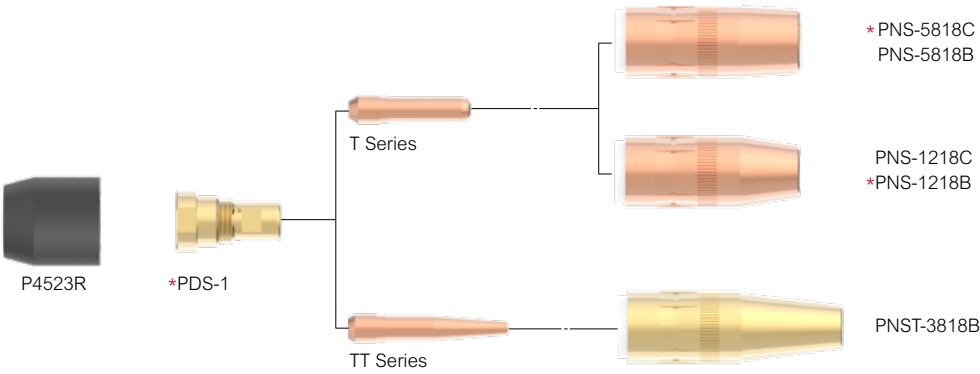
Part No.	Description	Length	Nipple	Wire Size	
				mm	inch
*PL3A-10	Universal Liner x 10ft	10ft	Brass Nipple	0.9-1.2	0.035-0.045
*PL3A-12	Universal Liner x 12ft	12ft	Brass Nipple	0.9-1.2	0.035-0.045
*PL3A-15	Universal Liner x 15ft	15ft	Brass Nipple	0.9-1.2	0.035-0.045



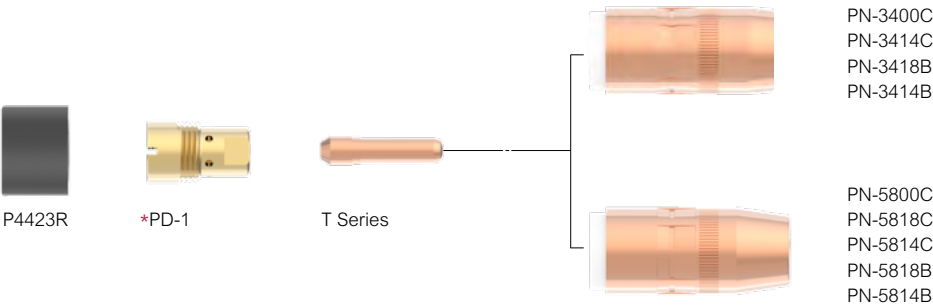
PL4A-10	Universal Liner x 10ft	10ft	Brass Nipple	1.2-1.6	0.045-1/16"
PL4A-12	Universal Liner x 12ft	12ft	Brass Nipple	1.2-1.6	0.045-1/16"
PL4A-15	Universal Liner x 15ft	15ft	Brass Nipple	1.2-1.6	0.045-1/16"

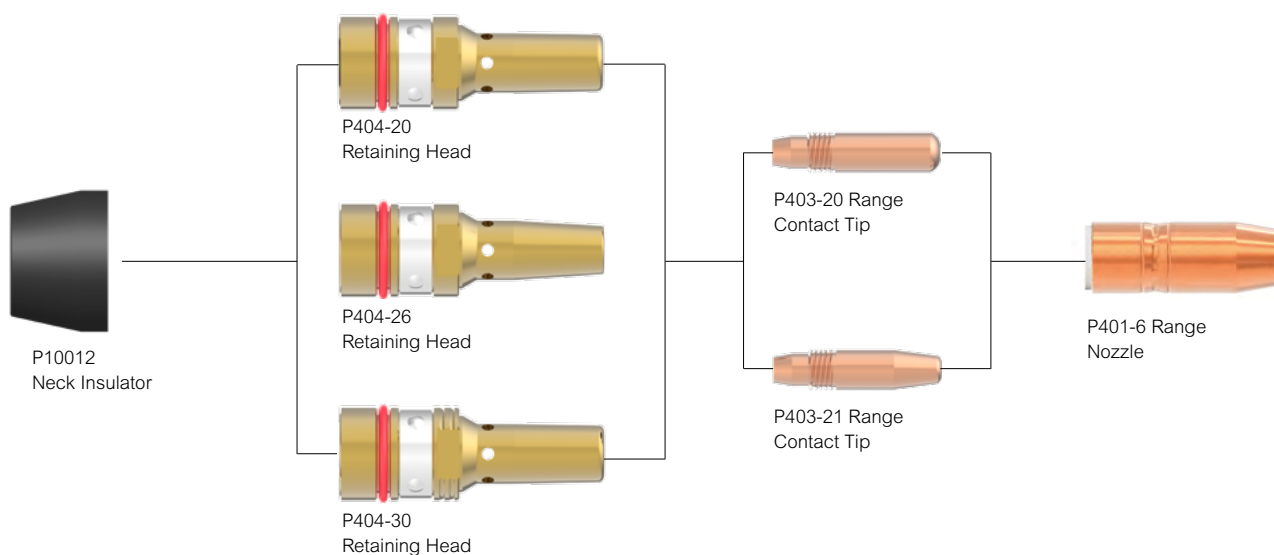


Small Centerfire® Gas Diffusers and Nozzles



Large Centerfire® Gas Diffusers and Nozzles



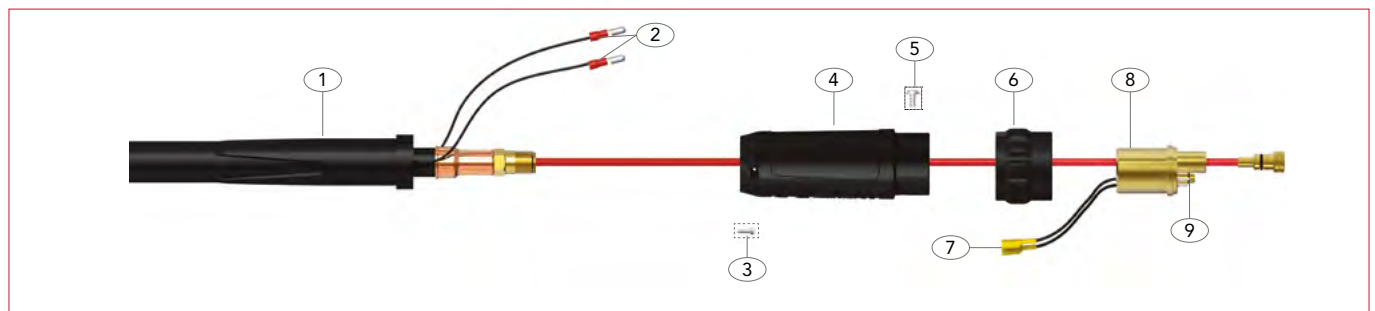


*Tough Lock™ Wear parts Part No. and sizes are available on pages 20

Euro Termination

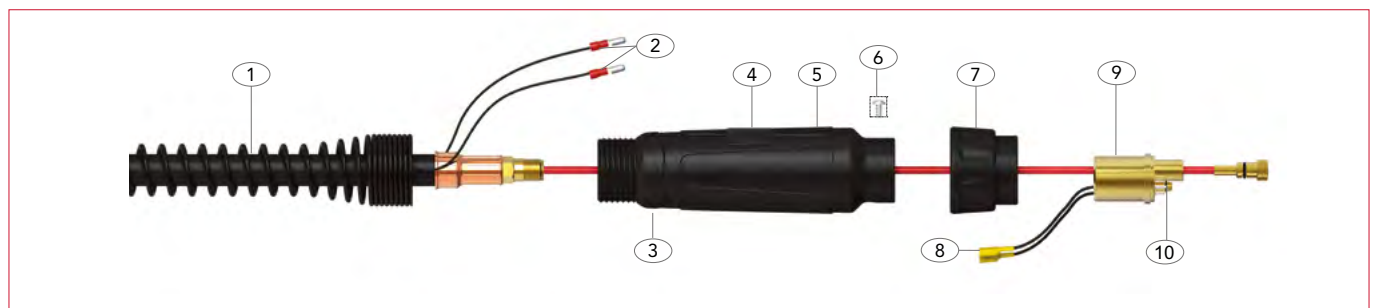
BN 200E / BNQ 200A

Part No.	Description
1 PA3541	Cable Support
2 PB1522	Cable Terminal Male
3 SCPSP1-1	Gun Plug Housing Screw
4 SCP2578/L	Gun Plug Housing
5 PB1526	Gun Plug Screw
6 PC1519/S	Gun Plug Nut
7 PB1523	Gun Plug Terminal Female
8 P5060	Gun Plug Body
9 PB1524	Gun Plug 'O' Ring



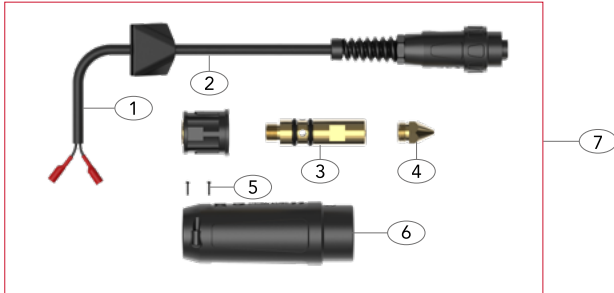
BN 300E /400E/BNQ 300A/400A

Part No.	Description
1 PC8026	Housing Spring
2 PB1522	Cable Terminal Male
3 PT8028	Spring Cable Support Nut
4 SCP8017	Large Housing Cover
5 PT5022	Gun Plug Housing Assembly
6 PB1526	Gun Plug Screw
7 PB1519/S	Euro Housing Nut Assembly
8 PB1523	Gun Plug Terminal Female
9 P5060	Gun Plug Body
10 PB1524	Gun Plug 'O' Ring



Euro Direct Plug Connector Kits

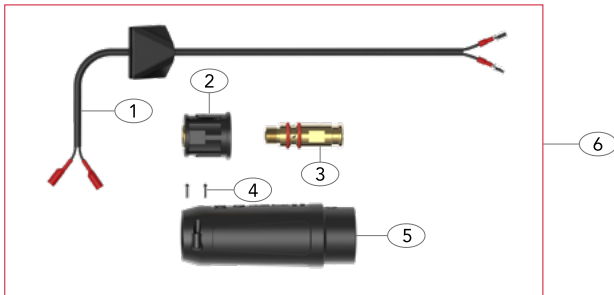
Miller®



Direct Plug Connector

Part Number	Description
1	PECEM1575/SW/C Miller® Plug Assembly
2	PECEM5060/2 Hybrid Plug Body BND
3	PECEM5060C/1 Ece Miller® Power Pin For Liner L3A
	PECEM5060/1 Ece Miller® Power Pin For Liner 43110
4	PML1570 Wire Guide 0.35" - 1/16"
	PML1571 Wire Guide 5/16" - 3/32"
5	SCPSP1-1 Gun Plug Housing Screw
6	SCP2578H/L Gun Plug Housing
7	PECEM5060CE Miller® Rear End Kit For Liner L3A
	PECEM5060E Miller® Rear End Kit For Liner 43110

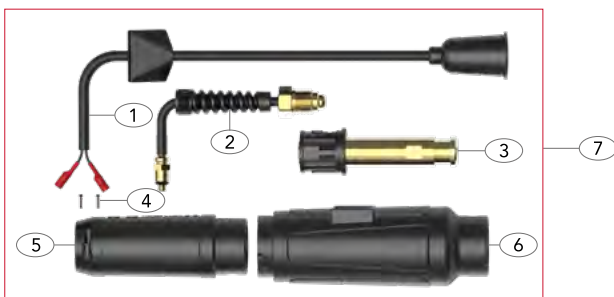
Tweco®



Direct Plug Connector

Part Number	Description
1	PECEL1575/SW/C Switch Wire Assembly
2	PECEM5060/2 Hybrid Plug Body BND
3	PECET5060C/1 Tweco® 1-4 Power Pin For Liner L3A
	PECET5060/1 Tweco® 1-4 Power Pin For Liner 43110
4	SCPSP1-1 Gun Plug Housing Screw
5	SCP2578H/L Gun Plug Housing Assembly
6	PECET5060CE Tweco® Rear End Kit For Liner L3A
	PECET5060E Tweco® Rear End Kit For Liner 43110

Lincoln®



Direct Plug Connector

Part Number	Description
1	PM16725/C Lincoln® Plug Assembly
2	PECEL1575/G Lincoln® Gas Tube Assembly
3	PECEL5060C Lincoln® Power Pin For Liner L3A
	PECEL5060 Lincoln® Power Pin For Liner 43110
4	SCPSP1-1 Gun Plug Housing Screw
5	SCP2578HL/L Gun Plug Housing Lincoln
6	PT5022/L Gun Plug Housing Assembly Lincoln
7	PECEL5060CE Lincoln® Rear End Kit For Liner L3A
	PECEL5060E Lincoln® Rear End Kit For Liner 43110

* Denotes torch package standard wear part set-up

BND Mig/Mag Torch Range

Euro Direct Plug Connector Kits

LPW



Direct Plug Connector

Part Number	Description
1	PECEM1575/SW/C Miller® Plug Assembly
2	PECEM5060/2 Hybrid Plug Body BND
3	PECET5060C/1 Tweco® 1-4 Power Pin Liner L3A PECET5060/1 Tweco® 1-4 Power Pin Liner 43110(Optional)
4	SCPSP1-1 Gun Plug Housing Screw
5	SCP2578H/L Gun Plug Housing Assembly
6	PECELPW5060CE LPW Rear End Kit For Liner L3A PECELPW5060E LPW Rear End Kit For Liner 43110(Optional)

LPB



Direct Plug Connector

Part Number	Description
1	PM16725/C Lincoln® Plug Assembly
2	PECEM5060/2 Hybrid Plug Body BND
3	PECET5060C/1 Tweco® 1-4 Power Pin For Liner L3A PECET5060/1 Tweco® 1-4 Power Pin For Liner 43110
4	SCPSP1-1 Gun Plug Housing Screw
5	SCP2578H/L Gun Plug Housing Assembly
6	PECELPB5060CE LPB Rear End Kit For Liner L3A PECELPB5060E LPB Rear End Kit For Liner 43110



POWERWELD

INDIANA

PowerWeld Corporation

2501 Beech Street
Valparaiso, Indiana 46383, U.S.A.
Telephone: (800)826-9073
Facsimile: (888) 684-3759

Local Numbers

Telephone: (219)462-8700
Facsimile: (219) 462-2424
www.powerweldinc.com
sales@powerweldinc.com

TEXAS

PowerWeld Corporation

602 E. Avenue K,
Grand Prairie, Texas 75050, U.S.A.
Telephone: (855)780-9353(weld)
Facsimile: (855)785-9353(weld)

Local Numbers

Telephone: (972)641-9353(weld)
Facsimile: (972)641-9354
www.powerweldinc.com
sales@powerweldinc.com

ONTARIO

Techniweld Corporation

2300 Winston Park Drive
Oakville, Ontario, L6H 7T7 Canada
Telephone: 1-800-268-4833
Facsimile: 1-800-463-0790

Local Numbers

Phone: (905)829-8780
Fax: (905)829-5660
www.techniweld.com
sales@techniweld.com



ALBERTA

Techniweld Corporation

4212 55 Avenue NW
Edmonton, Alberta T6B 3S2
Telephone: 1-800-661-9880
Facsimile: 1-800-635-3185

Local Numbers

Phone: (780)434-1117
Fax: (780)434-1188
www.techniweld.com
sales@techniweld.com