PARKER

TORCHOLOGY
SMART TORCH SOLUTIONS

Machine and Cable Connector Systems

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.
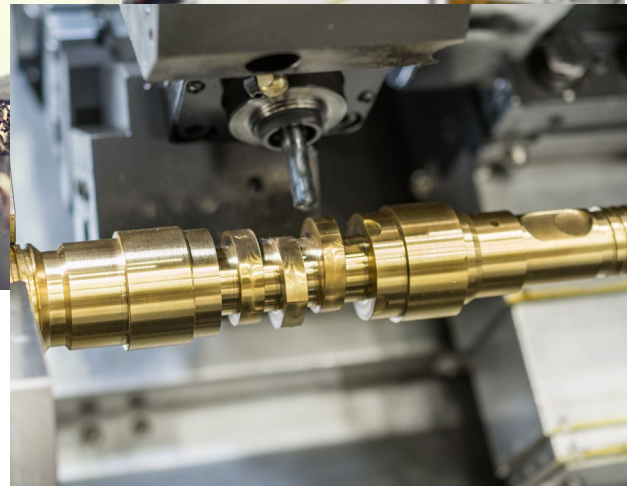
Production

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.
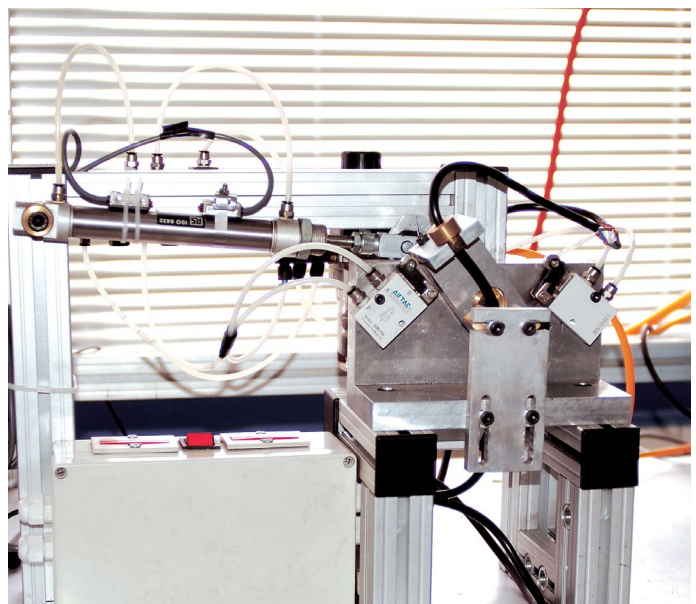
Partners

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.
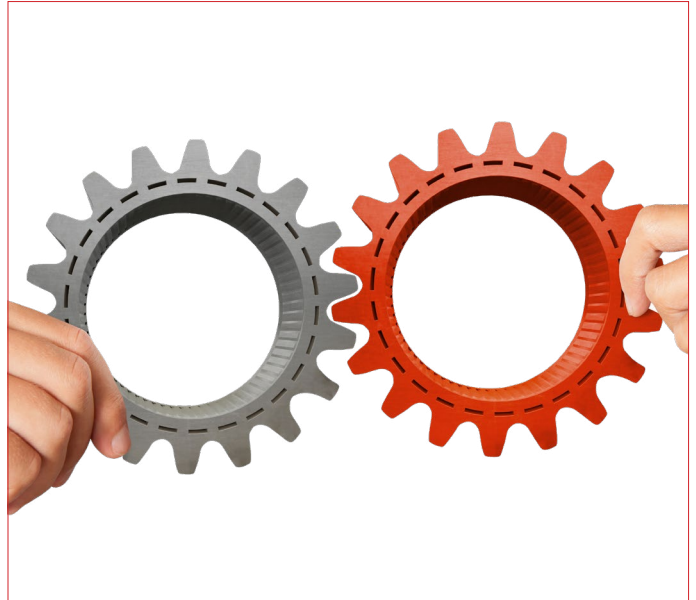
A Bright Future

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

All products conform to EN60974-7, $C\epsilon$, and are RoHS2, REACH and WEEE compliant

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Contents

Key Features:

· Based on international "Euro" style
· Suitable for metal and moulded panels

Part Number	Description	Rating	
		Amps	Duty Cycle
PB7001	Machine Side Connector Standard	600	100%

Part Number	Description
PB7002	Machine Connector Cover Standard

Key Features:

· Compatible with international "Dinse" style
· Easy mount and cable attachment system
· High flashover resistance for HF applications
· Guaranteed 55° lock for consistent locking position
· Suitable for metal and moulded panels

Part Number	Description	Cable Size	Rating
		mm²	Amps
PMS10-25	Machine Socket	10	125
		10-16	150
		16-25	200

Part Number	Description	Cable Size	Rating
		mm²	Amps
PMS35-50	Machine Socket	25-35	250
		35-50	300

Part Number	Description	Cable Size	Rating
		mm²	Amps
PMS50-70	Machine Socket	50-70	400

Part Number	Description	Cable Size	Rating
		mm²	Amps
PMS70-95	Machine Socket	70-95	500

All items rated @ 60% in accordance with EN60974-12.

Machine Side Connectors
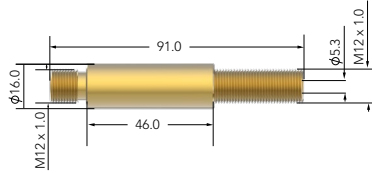
Brass Guide

Part Number	Description	Material
PAM0034	Brass Guide 46mm M12 x 1.0	Brass
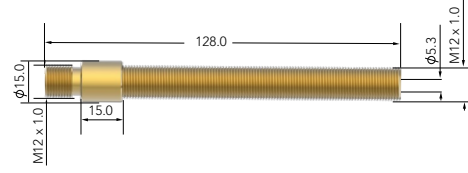
Part Number	Description	Material
PAM0035	Brass Guide 15mm M12 x 1.0	Brass
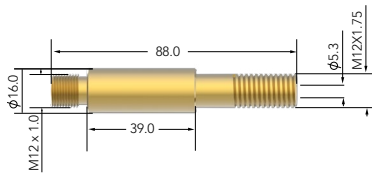
Part Number	Description	Material
PAM0038	Brass Guide 39mm M12 x 1.0	Brass
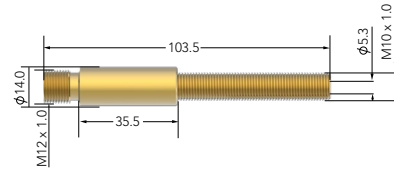
Part Number	Description	Material
PAM0065	Brass Guide 35.5mm M12 x 1	Brass

Capillary Tube
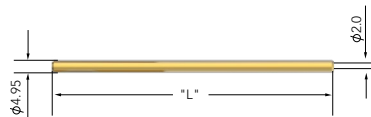
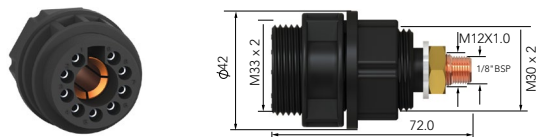| Part Number	Description	"L"	
PAM3013	Capillary Tube	101mm	Brass
PAM3014	Capillary Tube	200mm	Brass
PAM3018	Capillary Tube	131mm	Brass
PAM3065	Capillary Tube	124mm	Brass

Soft Wire Liner Guides

· Suitable for Teflon, Carbon and Polyamide
  soft wire liner systems.
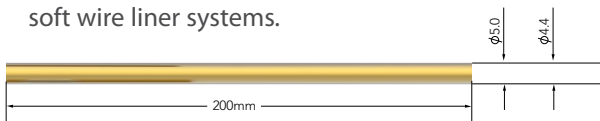
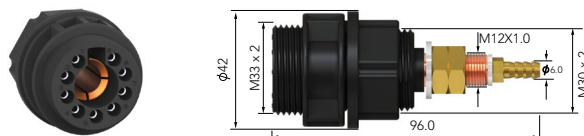| Part Number	Description
PB15L_4.4 x 200	Wire Guide for Core Liners upto 4.0mm

Key Features:

· Single interface solution with 9 control pins
· High flashover resistance for HF applications
· Suitable for Air and Liquid-Cooled applications
· Suitable for metal and moulded panels

Part Number	Description	Rating Amps
SCP7001S	Machine Side Connector	320

Part Number	Description	Rating Amps
SCP7001D	Machine Side Connector	320

Part Number	Description
SCP7002BK	Socket and Wire Assembly
SCP7002B	Socket and Wire Assembly
SCP7002R	Socket and Wire Assembly

All items rated @ 60% in accordance with EN60974-12.

Cable Plugs

Ratings: 125 Amp to 500 Amp

Key Features:

· Easy assembly and cable attachment system
· Guaranteed 55° lock for optimum power transmission
· Compatible with international "Dinse" style standard
· High flashover resistance for HF applications

Part Number	Description	Cable Size mm²	Rating Amps
PCP10-25R	Cable Plug	10	125
		10-16	150
		16-25	200

Part Number	Description	Cable Size mm²	Rating Amps
PCP25-50R	Cable Plug	25-35	250
		35-50	300

Cable Plugs

Ratings: 125 Amp to 500 Amp

Part Number	Description	Cable Size mm²	Rating Amps
PCP50-70R	Cable Plug	50-70	400

All items rated @ 60% in accordance with EN60974-12.

Part Number	Description	Cable Size mm²	Rating Amps
PCP70-95R	Cable Plug	70-95	500

Cable Sockets

Ratings: 125 Amp to 500 Amp

Key Features:

· Easy assembly and cable attachment system
· Guaranteed 55° lock for optimum power transmission
· Compatible with international "Dinse" style standard
· High flashover resistance for HF applications

Part Number	Description	Cable Size mm²	Rating Amps
PCS10-25R	Cable Socket	10	125
		10-16	150
		16-25	200

Part Number	Description	Cable Size mm²	Rating Amps
PCS25-50R	Cable Socket	25-35	250
		35-50	300

Part Number	Description	Cable Size mm²	Rating Amps
PCS50-70R	Cable Socket	50-70	400

All items rated @ 60% in accordance with EN60974-12.

Part Number	Description	Cable Size mm²	Rating Amps
PCS70-95R	Cable Socket	70-95	500

All items rated @ 60% in accordance with EN60974-12.

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