

Air-Cooled

T2 190A DC **T2FX** 180A DC

Air-Cooled

T3 240A DC **T3FX** 220A DC

Liquid-Cooled

T3W 400A DC **T3WFX** 400A DC








Liquid-Cooled

T4W 450A DC **T4WFX** 450A DC

Liquid-Cooled

T5W 550A DC **T5WFX** 550A DC

Quick Guide

-  EN English Quick Guide
-  ES Spanish Guía Consulta Rápida
-  PL Polish Szybki przewodnik
-  PT Portuguese Guia de consulta rápida
-  RU Russian Краткое руководство
-  SV Swedish Snabbguide
-  CH Chinese 快速指南



Part No.	Size	Bore A
T2CC04	#4 6mm	1/4"
T2CC05	#5 8mm	5/16"
T2CC06	#6 10mm	3/8"
T2CC07	#7 11mm	7/16"
T2CC08	#8 12.5mm	1/2"
T2CC10	#10 16mm	5/8"



Part No.	Size	Bore A
T3CC04	#4 6mm	1/4"
T3CC05	#5 8mm	5/16"
T3CC06	#6 10mm	3/8"
T3CC07	#7 11mm	7/16"
T3CC08	#8 12.5mm	1/2"
T3CC10	#10 16mm	5/8"



Part No.	Size	Bore A
T2CC04	#4 6mm	1/4"
T2CC05	#5 8mm	5/16"
T2CC06	#6 10mm	3/8"
T2CC07	#7 11mm	7/16"
T2CC08	#8 12.5mm	1/2"
T2CC10	#10 16mm	5/8"



Part No.	Size	Bore A
T2CC04	#4 6mm	1/4"
T2CC05	#5 8mm	5/16"
T2CC06	#6 10mm	3/8"
T2CC07	#7 11mm	7/16"
T2CC08	#8 12.5mm	1/2"
T2CC10	#10 16mm	5/8"



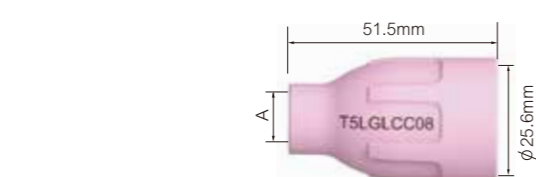
Part No.	Size	Bore A
T3CC04	#4 6mm	1/4"
T3CC05	#5 8mm	5/16"
T3CC06	#6 10mm	3/8"
T3CC07	#7 11mm	7/16"
T3CC08	#8 12.5mm	1/2"
T3CC10	#10 16mm	5/8"
T3CC12	#12 19mm	3/4"

ARC T HIGH PERFORMANCE SERIES

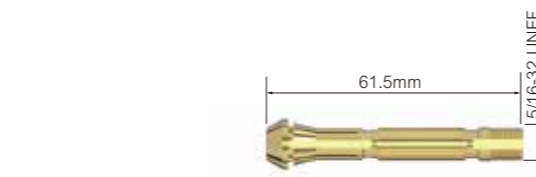
Make Work Life Easier



Part No.	Size	Bore A
T2CB10	1.0mm	0.04"
T2CB16	1.6mm	1/16"
T2CB20	2.0mm	5/64"
T2CB24	2.4mm	3/32"
T2CB32	3.2mm	1/8"
T2CB40	4.0mm	5/32"



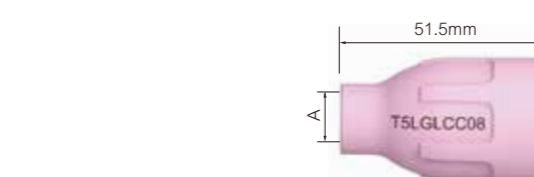
Part No.	Size	Bore A
T5LGLCC08	#8 12.5mm	1/2"
T5LGLCC10	#10 16mm	5/8"
T5LGLCC12	#12 19mm	3/4"



Part No.	Size	Bore A
T2CB10	1.0mm	0.04"
T2CB16	1.6mm	1/16"
T2CB20	2.0mm	5/64"
T2CB24	2.4mm	3/32"
T2CB32	3.2mm	1/8"
T2CB40	4.0mm	5/32"



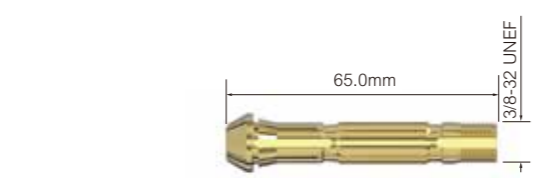
Part No.	Size	Bore A
T2CB16	1.6mm	1/16"
T2CB20	2.0mm	5/64"
T2CB24	2.4mm	3/32"
T2CB32	3.2mm	1/8"
T2CB40	4.0mm	5/32"
T2CB48	4.8mm	3/16"



Part No.	Size	Bore A
T5LGLCC08	#8 12.5mm	1/2"
T5LGLCC10	#10 16mm	5/8"
T5LGLCC12	#12 19mm	3/4"
T5LGLCC14	#14 24mm	15/16"



Part No.	Size	Bore A
T2GL10	1.0mm	0.04"
T2GL16	1.6mm	1/16"
T2GL20	2.0mm	5/64"
T2GL24	2.4mm	3/32"
T2GL32	3.2mm	1/8"
T2GL40	4.0mm	5/32"



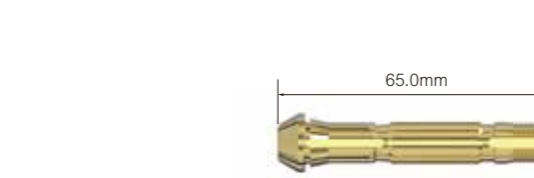
Part No.	Size	Bore A
T3CB10	1.0mm	0.04"
T3CB16	1.6mm	1/16"
T3CB20	2.0mm	5/64"
T3CB24	2.4mm	3/32"
T3CB32	3.2mm	1/8"
T3CB40	4.0mm	5/32"
T3CB48	4.8mm	3/16"



Part No.	Size	Bore A
T2GL10	1.0mm	0.04"
T2GL16	1.6mm	1/16"
T2GL20	2.0mm	5/64"
T2GL24	2.4mm	3/32"
T2GL32	3.2mm	1/8"
T2GL40	4.0mm	5/32"



Part No.	Size	Bore A
T2GL16	1.6mm	1/16"
T2GL20	2.0mm	5/64"
T2GL24	2.4mm	3/32"
T2GL32	3.2mm	1/8"
T2GL40	4.0mm	5/32"
T2GL48	4.8mm	3/16"



Part No.	Size	Bore A
T3CB16	1.6mm	1/16"
T3CB20	2.0mm	5/64"
T3CB24	2.4mm	3/32"
T3CB32	3.2mm	1/8"
T3CB40	4.0mm	5/32"
T3CB48	4.8mm	3/16"
T3CB64	6.4mm	1/4"



Part No.	Size	Bore A
T2GL10	1.0mm	0.04"
T2GL16	1.6mm	1/16"
T2GL20	2.0mm	5/64"
T2GL24	2.4mm	3/32"
T2GL32	3.2mm	1/8"
T2GL40	4.0mm	5/32"
T2GL48	4.8mm	3/16"



Part No.	Size	Bore A
T3GL10	1.0mm	0.04"
T3GL16	1.6mm	1/16"
T3GL20	2.0mm	5/64"
T3GL24	2.4mm	3/32"
T3GL32	3.2mm	1/8"
T3GL40	4.0mm	5/32"
T3GL48	4.8mm	3/16"



Part No.	Size	Bore A
T2GL10	1.0mm	0.04"
T2GL16	1.6mm	1/16"
T2GL20	2.0mm	5/64"
T2GL24	2.4mm	3/32"
T2GL32	3.2mm	1/8"
T2GL40	4.0mm	5/32"



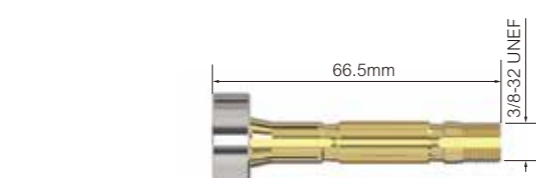
Part No.	Size	Bore A
T2GL16	1.6mm	1/16"
T2GL20	2.0mm	5/64"
T2GL24	2.4mm	3/32"
T2GL32	3.2mm	1/8"
T2GL40	4.0mm	5/32"
T2GL48	4.8mm	3/16"



Part No.	Size	Bore A
T3GL16	1.6mm	1/16"
T3GL20	2.0mm	5/64"
T3GL24	2.4mm	3/32"
T3GL32	3.2mm	1/8"
T3GL40	4.0mm	5/32"
T3GL48	4.8mm	3/16"
T3GL64	6.4mm	1/4"



Part No.	Size	Bore A
T2GL10	1.0mm	0.04"
T2GL16	1.6mm	1/16"
T2GL20	2.0mm	5/64"
T2GL24	2.4mm	3/32"
T2GL32	3.2mm	1/8"
T2GL40	4.0mm	5/32"
T2GL48	4.8mm	3/16"



Part No.	Size	Bore A
T5LGL10	1.0mm	0.04"
T5LGL16	1.6mm	1/16"
T5LGL20	2.0mm	5/64"
T5LGL24	2.4mm	3/32"
T5LGL32	3.2mm	1/8"
T5LGL40	4.0mm	5/32"
T5LGL48	4.8mm	3/16"



SAY HELLO
TO OUR VISION OF THE FUTURE

arctorchology.com

Ref. MN_ARCSETUP_002

Getting Started



1 Ensure you have all the parts



- Asegúrese que tienes todas las piezas
- Upewnij się, że masz wszystkie części w zestawie
- Certifique-se de ter todas as peças
- Убедитесь, что у Вас есть все части горелки.
- Kontrollera att alla delar finns
- 准备好需要安装的备件

2 Push the gasket onto the head
Twist and push the gasket until in place



- Empuje el sello en la cabeza de la antorcha. Nota: Hay una pequeña ranura en la parte superior de la cabeza de la antorcha.
- Załóż silikonową uszczelkę na główkę palnika
- Empurrar a vedação na cabeça da tocha. Torcer e empurrar a vedação até posicionar.
- Наденьте резиновый уплотнитель на голову горелки. Внимание: на голове горелки есть небольшой выступ. Необходимо повернуть и вставить уплотнитель до упора.
- Montera packningen på huvudet. Observera räfflan på huvudet. Vrid och tryck på packningen tills den är i rätt läge
- 按照图示方法, 将橡胶绝缘套装到枪头上

3 Assemble the heat isolator.
Tighten with the enclosed spanner



- Armar el aislador de calor . Apretar con llave de boca.
- Złóż izolator ze stali nierdzewnej
- Montar o isolador de calor. Apertar com chave de boca.
- Наденьте теплоизолятор. Закрепите с помощью прилагающегося ключа.
- Montera värmeisolatorn och spänn fast med det medföljande verktyget
- 按照图示方法, 将不锈钢隔热套旋到枪头螺纹上, 并使用专用扳手拧紧

4 Insert the collet and locate the collet slot on the pin at the back of the head



- Ubique la pinza en el pasador em la parte posterior del cabezal
- Umieść tuleję zaciskową na sworzniu z tyłu palnika
- Localizar a pinça no pino atrás da cabeça da tocha.
- Вставьте цапгу с задней стороны головы горелки.
- Rikta in spännhylsan på huvudets baksida
- 按照图示方法, 将钨极夹装到枪头内孔, 装配时注意钨极夹上的轴向定位槽对准枪头孔内的定位销

5 Assemble the back cap to pinch the collet



- Montar el capuchón largo para apretar la pinza
- Przykręć korek w celu zaciśnięcia oprawy elektrody
- Montar a capa do eletrodo para apertar a pinça
- Закрепите колпачок, чтобы зажать цапгу.
- Montera spännhuvn för att späanna fast spännhylsan
- 按照图示方法, 将后帽与钨极夹通过螺纹连接到一起

6 Insert the Tungsten



- Insertar el tungsteno
- Włóż elektrodę wolframową od przodu palnika
- Inserir o Tungstênio
- Вставьте вольфрамовый электрод.
- Montera elektroden
- 按照图示方法, 将钨极装到钨极夹的内孔中, 顺时针旋转后帽夹紧钨极

7 Assemble the ceramic - push on



- Ubicar la cerámica - encajar
- Zamocuj dyszę ceramiczną
- Posicionar o bocal de cerâmica - encaixar
- Закрепите керамическое сопло.
- Tryck på gashylsan
- 按照图示方法, 将陶瓷喷嘴装到不锈钢隔热套上, 并推紧

8 Tighten the back cap. You're ready to go!



- Armar el capuchón. Usted está listo!
- Dokręć korek w celu zaciśnięcia elektrody wolframowej w palniku
- Apertar a capa do tungstênio. Você esta pronto!
- Затяните колпачок. Горелка готова к работе!
- Dra åt spännhuvn. Nu är det klart att svetsa!
- 按照图示方法, 逆时针旋转后帽松开钨极, 调整钨极位置, 顺时针旋转后帽夹紧并固定钨极位置

Ratings at a Glance

Air-Cooled

Technical Data :	T2	T2FX	T3	T3FX	
Cooling Method	Air-Cooled		Air-Cooled		
Rating:	DC	190A	180A	240A	220A
	AC	135A	125A	170A	155A
Duty Cycle	35%		35%		
Electrode Size	1.0-4.0mm/0.04"-5/32"		1.0-4.8mm/0.04"-3/16"		
Operating Temperature	-20°C, +40°C		-20°C, +40°C		

Liquid-Cooled

Technical Data :	T3W / T3WFX	T4W / T4WFX	T5W / T5WFX	
Cooling Method	Liquid-Cooled 4m/12.5ft	Liquid-Cooled 4m/12.5ft	Liquid-Cooled 4m/12.5ft	
1200W	DC	400A	400A	450A
	AC	280A	280A	315A
1600W	DC	-	-	450A
	AC	-	-	315A
Duty Cycle:	100% 60%	100% 60%	100% 60%	
Electrode Size:	1.0-4.0mm / 0.04"-5/32"	1.6-4.8mm / 1/16"-3/16"	1.6-6.4mm / 1/16"-1/4"	
Minimum Water Flow	1.5 l/min	1.5 l/min	1.5 l/min	
Minimum Water Inlet Pressure	3.0 Bar	3.0 Bar	3.0 Bar	
Maximum Water Inlet Pressure	5.0 Bar	5.0 Bar	5.0 Bar	
Maximum Water Inlet Temperature	50°C	50°C	50°C	
Operating Temperature	-20°C, +40°C	-20°C, +40°C	-20°C, +40°C	

Technical Data

ES Datos Técnicos PL Tekniset tiedot PT Dados Técnicos
RU Краткое руководство SV Snabbguide CH 技術參數

Rating

ES Rango PL Obciążalność PT Capacidade
RU Параметры SV Strömstyrka* CH 电流

Duty Cycle

ES Ciclo de Trabajo PL Cykl pracy PT Ciclo de Trabalho
RU ПБ SV Intermittens CH 暂载率

Electrode Size

ES Diametro Electrodo PL Średnica elektrody PT Diâmetro Eletrodo
RU Диаметр электрода SV Elektroddiameter CH 电极尺寸

Air-Cooled

ES Refrigerado Aire PL Chłodzenie gazowe PT Refrigerado Gás
RU Воздушное охлаждение SV Gaskylld CH 空冷

Liquid-Cooled

ES Refrigerado Agua PL Chłodzenie cieczą PT Refrigerado Água
RU Жидкостное охлаждение SV Vattenkyld CH 水冷

Minimum Water Flow

ES Mínimo Flujo Agua PL Minimalny przepływ cieczy
PT Fluxo Água Mínimo
RU Минимальная скорость подачи охлаждающей жидкости
SV Vattenflöde minimum CH 最低水流

Minimum Water Inlet Pressure

ES Presión Mínima Entrada Agua PL Minimalne ciśnienie wejściowe
PT Pressão Mínima Entrada Água
RU Минимальное давление на входе
SV Vattentryck minimum CH 最低进水口压力

Maximum Water Inlet Pressure

ES Presión Máxima Entrada Agua PL Maksymalne ciśnienie wejściowe
PT Pressão Máxima Entrada Água
RU Максимальное давление на входе
SV Vattentryck maximum CH 最高进水口压力

Maximum Water Inlet Temperature

ES Máxima Temperatura Entrada Agua PL Maksymalna temperatura cieczy
PT Máxima Temperatura Entrada Água
RU Максимальная температура охлаждающей жидкости на входе
SV Maxtemperatur vatten CH 进水口最高温度

- ✓ IEC/EN 60974-7
- ✓ LVD 2014/35/EU
- ✓ RoHS2 2011/65/EU, amend 2015/863/EU
- ✓ ISO9001:2015
- ✓ REACH 1907/2006/EC

In The Box

To set-up your Arc Tig Torch please add the relevant starter kit and quick connect switch plug.

