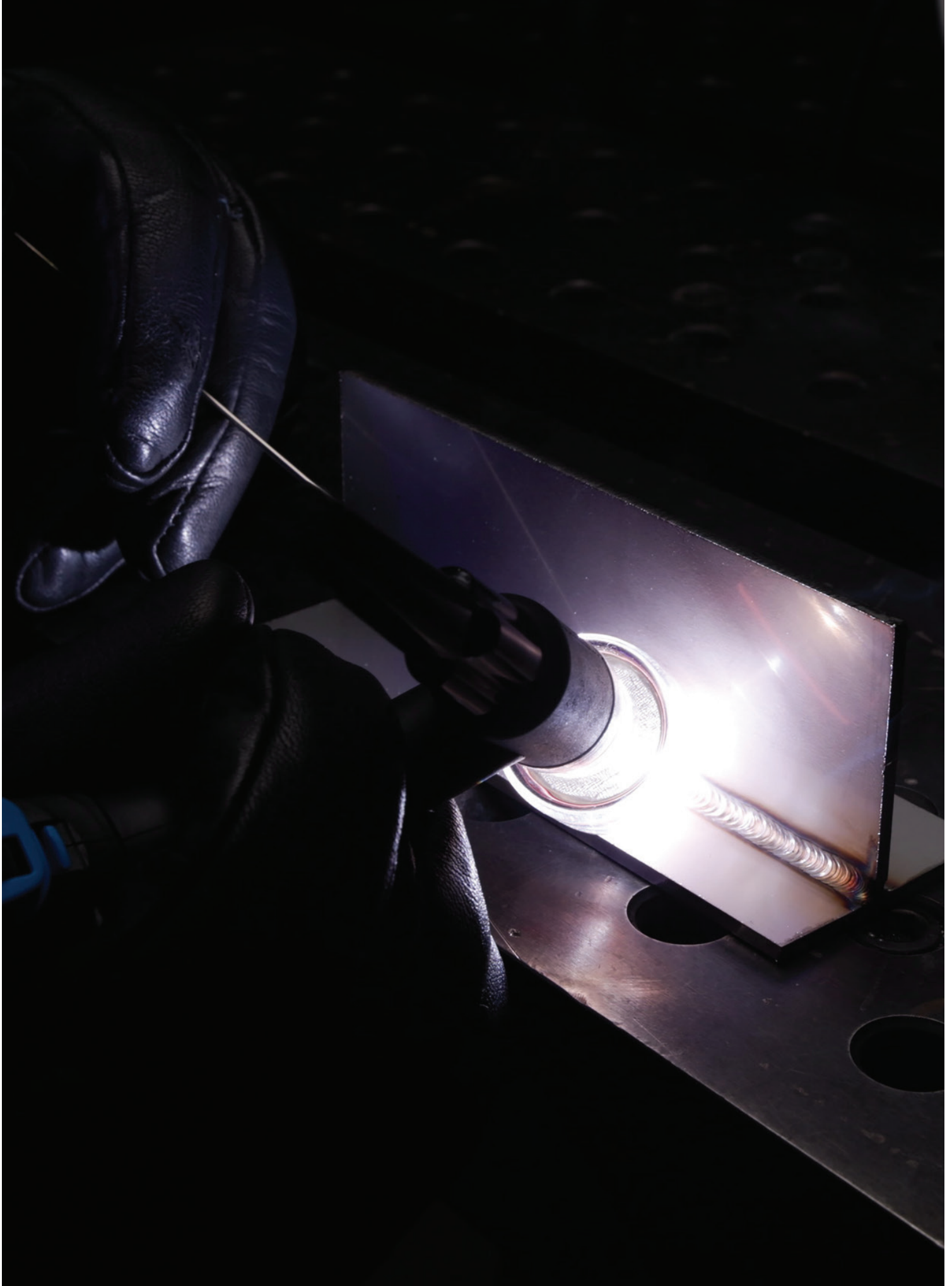


CIGWELD
AN ESAB BRAND

dimex

TIG TORCHES & CONSUMABLES







CONTENTS

TIG TORCHES	4
ESSENTIAL CONSUMABLE KITS	8
PREMIUM CONSUMABLE KITS	9
ELITE CONSUMABLE KITS	10
PACKAGING EXPLAINED	11
17/18/26 SERIES CONSUMABLES	12
9/20 SERIES CONSUMABLES	14
ELITE QUARTZ CONSUMABLES	16
GAS LENS VS COLLET BODY	18
TUNGSTEN ELECTRODES	19



dimex TIG TORCHES

PRECISION PERFORMANCE

Dimex TIG Torches are engineered for performance, durability, and reliability. Delivering premium quality at exceptional value, they provide the consistency and control you need to focus on precision and stacking dimes!

ENHANCED CONTROL

Dimex and Dimex Elite Torches feature our newly engineered custom handles, designed to deliver superior control, comfort, and performance. Built with advanced ergonomics, the Dimex Elite range ensures maximum comfort for extended, all-day welding applications.

The Dimex range incorporates the classic pencil grip handle, now enhanced with our innovative sheath adaptor. This smart design provides a clean, professional solution for fitting larger diameter sheaths to smaller 9 and 17 series handles.

Available in 4m and 8m lengths, with 25mm and 50mm DINSE* connectors, Dimex and Dimex Elite Torches are built to suit a wide range of welding applications with reliability and precision.

ADVANCED COOLING

Lightweight and durable, Dimex torch heads feature high temperature silicone insulation and premium copper internals for cooler operation, increased longevity, and maximum current capacity in demanding applications.

INTEGRATED POWER ADAPTER

Dimex TIG Torches are equipped with an integrated power adaptor that cleanly separates the gas line, water lines, and power connection. This streamlined design securely protects the torch internals, delivering enhanced durability and reliable performance in demanding welding environments.



dimex TIG TORCH

AVAILABLE IN
AIRCOOLED
VARIANTS:
9V 17V 26V

DIMEX TORCH FEATURES



Standard Consumables
Dimex Torches utilize standard industry consumables for great user convenience.

Classic Pencil Grip Handle
Allowing full control and comfort for all day welding.

Custom Sheath Adapter
Allows smooth rotation of the torch and a neat solution to adapting large diameter sheaths to smaller 9 & 17 series torch handles.

Cooling Technology
Designed using copper internals and high temp resistant materials to reduce operating temperatures.

Laser Etched CIGWELD Valve
For a premium touch.

CIGWELD Embossed Handle
So you know you're getting the real deal.

Locking Nut
For full serviceability and a secure sheath connection.

Synthetic Cable Sheath
For enhanced cable protection.

dimex ELITE TIG TORCH

AVAILABLE IN
AIRCOOLED &
WATERCOOLED
VARIANTS:
9, 9F 17, 17F 18, 18F 20,
26, 26F, 26FV

DIMEX ELITE TORCH FEATURES



Standard Consumables
Dimex Elite Torches utilize standard industry consumables for great user convenience.

Ergonomic Handle
Advanced comfort and stability to promote precision while welding.

Flexible Ball Joint
Relieves joint strain for maximum cable flexibility and handle longevity.

Cooling Technology
Designed using copper internals and high temperature resistant materials to reduce operating temperatures.

Trigger and Potentiometer
Advanced control of welding parameters, all from the convenience of your torch.

Custom CIGWELD Handle
To match the ergonomics with style.

Leather Cable Sheath
For enhanced cable protection, and flexibility.

	P/N:	SERIES	TYPE	DUTY CYCLE	BACK END	LENGTH	BARCODE
DIMEX - AIR COOLED							
	W4022000	9V	Dimex	125A DC, 100A AC @ 60%	25mm DINSE*	4m	9310574093751
	W4022001	17V	Dimex	150A DC, 115A AC @ 60%	25mm DINSE*	4m	9310574093768
	W4022002	17V	Dimex	150A DC, 115A AC @ 60%	50mm DINSE*	4m	9310574093775
	W4022003	17V	Dimex	150A DC, 115A AC @ 60%	50mm DINSE*	8m	9310574093782
	W4022004	26V	Dimex	200A DC, 150A AC @ 60%	50mm DINSE*	4m	9310574093799
	W4022005	26V	Dimex	200A DC, 150A AC @ 60%	50mm DINSE*	8m	9310574093805
DIMEX ELITE - AIR COOLED							
	W4022008	9	Dimex Elite	125A DC, 100A AC @ 60%	50mm DINSE*	4m	9310574093836
	W4022009	9F	Dimex Elite	125A DC, 100A AC @ 60%	50mm DINSE*	4m	9310574093843
	W4022010	17	Dimex Elite	150A DC, 115A AC @ 60%	50mm DINSE*	4m	9310574093850
	W4022011	17F	Dimex Elite	150A DC, 115A AC @ 60%	50mm DINSE*	4m	9310574093867
	W4022012	17F	Dimex Elite	150A DC, 115A AC @ 60%	50mm DINSE*	8m	9310574093874

	P/N:	SERIES	TYPE	DUTY CYCLE	BACK END	LENGTH	BARCODE
DIMEX ELITE - AIR COOLED							
	W4022013	26	Dimex Elite	200A DC, 150A AC @ 60%	50mm DINSE*	4m	9310574093881
	W4022014	26	Dimex Elite	200A DC, 150A AC @ 60%	50mm DINSE*	8m	9310574093898
	W4022015	26F	Dimex Elite	200A DC, 150A AC @ 60%	50mm DINSE*	4m	9310574093904
	W4022016	26F	Dimex Elite	200A DC, 150A AC @ 60%	50mm DINSE*	8m	9310574093911
	W4022006	26FV	Dimex Elite	200A DC, 150A AC @ 60%	50mm DINSE*	4m	9310574093812
	W4022007	26FV	Dimex Elite	200A DC, 150A AC @ 60%	50mm DINSE*	8m	9310574093829
DIMEX ELITE - WATER COOLED							
	W4022017	18	Dimex Elite	350A DC, 260A AC @ 100%	50mm DINSE*	4m	9310574093928
	W4022018	18	Dimex Elite	350A DC, 260A AC @ 100%	50mm DINSE*	8m	9310574093935
	W4022022	18F	Dimex Elite	350A DC, 260A AC @ 100%	50mm DINSE*	4m	9310574101883
	W4022021	18F	Dimex Elite	350A DC, 260A AC @ 100%	50mm DINSE*	8m	9310574093966
	W4022019	20	Dimex Elite	250A DC, 190A AC @ 100%	50mm DINSE*	4m	9310574093942
	W4022020	20	Dimex Elite	250A DC, 190A AC @ 100%	50mm DINSE*	8m	9310574093959



ESSENTIAL CONSUMABLE KITS

Dimex Essentials Kits are equipped with all the essentials to suit WP9/20 and 17/18/26 style torches.

Designed with high quality materials, Dimex consumables are engineered for durability and performance, supporting superior TIG welding results and precision.

Dimex Consumable Kits come fully loaded in heavy duty, shock-resistant cases.

P/N:	DESCRIPTION	SUITABLE FOR	BARCODE
CW1726K1	17/18/26 Essentials TIG Kit	WP17, 18, 26 Style Torches	9310574095991
CW920K1	9/20 Essentials TIG Kit	WP9, 20 Style Torches	9310574096028



17/18/26 ESSENTIALS TIG KIT

P/N: CW1726K1

- Ceramic Cup #6
- Ceramic Cup #7
- Ceramic Cup #8
- Collet 1.6mm
- Collet 2.4mm
- Collet 3.2mm
- Collet Body 1.6mm
- Collet Body 2.4mm
- Collet Body 3.2mm
- Back Cap Long
- Back Cap Short
- Rare Earth Tungsten 1.6mm
- Rare Earth Tungsten 2.4mm
- Rare Earth Tungsten 3.2mm

9/20 ESSENTIALS TIG KIT

P/N: CW920K1

- Ceramic Cup #6
- Ceramic Cup #7
- Ceramic Cup #8
- Collet 1.6mm
- Collet 2.4mm
- Collet 3.2mm
- Collet Body 1.6mm
- Collet Body 2.4mm
- Collet Body 3.2mm
- Insulator
- Back Cap Long
- Back Cap Short
- Rare Earth Tungsten 1.6mm
- Rare Earth Tungsten 2.4mm
- Rare Earth Tungsten 3.2mm

PREMIUM GAS LENS CONSUMABLE KITS

Dimex Premium Gas Lens Kits are equipped with high quality gas lens consumables, designed to elevate TIG welding performance.

Achieve consistent, high quality results with the Dimex Gas Lens. Experience smooth, laminar gas flow and increased gas coverage, supporting cleaner, stronger, more precise welds.

P/N:	DESCRIPTION	SUITABLE FOR	BARCODE
CW1726K2	17/18/26 Premium Gas Lens TIG Kit	WP17, 18, 26 Style Torches	9310574096004
CW920K2	9/20 Premium Gas Lens TIG Kit	WP9, 20 Style Torches	9310574096035



17/18/26 PREMIUM GAS LENS TIG KIT

P/N: CW1726K2

- Ceramic Cup - Gas Lens #6
- Ceramic Cup - Gas Lens #7
- Ceramic Cup - Gas Lens #8
- Collet 1.6mm
- Collet 2.4mm
- Collet 3.2mm
- Collet Body - Gas Lens 1.6mm
- Collet Body - Gas Lens 2.4mm
- Collet Body - Gas Lens 3.2mm
- Insulator
- Back Cap Long
- Back Cap Short
- Rare Earth Tungsten 1.6mm
- Rare Earth Tungsten 2.4mm
- Rare Earth Tungsten 3.2mm

9/20 PREMIUM GAS LENS TIG KIT

P/N: CW920K2

- Ceramic Cup - Gas Lens #6
- Ceramic Cup - Gas Lens #7
- Ceramic Cup - Gas Lens #8
- Collet 1.6mm
- Collet 2.4mm
- Collet 3.2mm
- Collet Body - Gas Lens 1.6mm
- Collet Body - Gas Lens 2.4mm
- Collet Body - Gas Lens 3.2mm
- Insulator
- Back Cap Long
- Back Cap Short
- Rare Earth Tungsten 1.6mm
- Rare Earth Tungsten 2.4mm
- Rare Earth Tungsten 3.2mm



ELITE QUARTZ CONSUMABLE KITS

Dimex Elite Quartz Kits include a range of premium quartz cups in sizes 12, 14, 16 and 24. Dimex Quartz cups have a wider, champagne-style design, engineered to maximise gas coverage and support increased tungsten stick-out for enhanced welding control.

The fully transparent design provides exceptional visibility of the weld pool, enabling greater precision and consistency in every weld.

P/N:	DESCRIPTION	SUITABLE FOR	BARCODE
CW1726K3	17/18/26 Elite Quartz TIG Kit	WP17, 18, 26 Style Torches	9310574096011
CW920K3	9/20 Elite Quartz TIG Kit	WP9, 20 Style Torches	9310574096042



17/18/26 ELITE QUARTZ TIG KIT

P/N: CW1726K3

- Champagne Cup #12
- Champagne Cup #14
- Champagne Cup #16
- Champagne Cup #24
- Collet - Stubby 1.6mm
- Collet - Stubby 2.4mm
- Collet Body - Quartz Gas Lens 1.6mm
- Collet Body - Quartz Gas Lens 2.4mm
- Insulator
- Back Cap Long
- Back Cap Short
- Screen Pack Adapter 1.6mm - #12
- Screen Pack Adapter 1.6mm - #14
- Screen Pack Adapter 1.6mm - #16
- Screen Pack Adapter 1.6mm - #24
- Screen Pack Adapter O-Rings
- Collet Body O-Rings

9/20 ELITE QUARTZ TIG KIT

P/N: CW920K3

- Champagne Cup #12
- Champagne Cup #14
- Champagne Cup #16
- Champagne Cup #24
- Collet 1.6mm
- Collet 2.4mm
- Collet Body - Quartz Gas Lens 1.6mm
- Collet Body - Quartz Gas Lens 2.4mm
- Insulator
- Back Cap Long
- Back Cap Short
- Screen Pack Adapter 1.6mm - #12
- Screen Pack Adapter 1.6mm - #14
- Screen Pack Adapter 1.6mm - #16
- Screen Pack Adapter 1.6mm - #24
- Screen Pack Adapter O-Rings
- Collet Body O-Rings

Champagne cups come fitted with a 2.4mm screen pack, 1.6mm spare

PACKAGING EXPLAINED



1 Handy Sized Retail Packs

2 Torch Series compatibility

3 Product Information

4 CIGWELD Part Number

5 Pack Quantity

6 Industry Part Number for reference

7 Full range listing for various sizes available. Product size contained in pack highlighted for easy identification

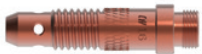
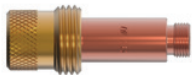
17/18/26 SERIES CONSUMABLES

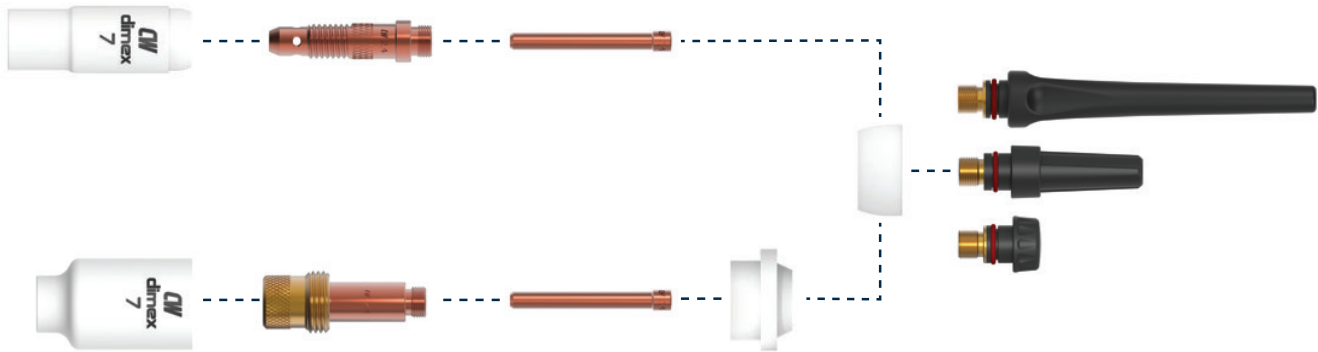
Dimex 17/18/26 series consumables are built for durability and high performance. Fully customise your WP17, 18 and 26 style torch with premium Dimex consumables.

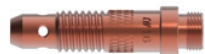
Weld in style with our brand-new white Ceramic Cups, offering extreme durability and high heat resistance.

Dimex boasts quality, performance and price! Create the ultimate TIG setup with our extensive range of premium consumables available in

- Retail Packs
- Bulk Packs
- Consumable Kits

	P/N:	DESCRIPTION	UOM	QTY	BARCODE
RETAIL PACKS					
	CW10N50	Standard Ceramic Cup 6mm #4	Pack	2	9310574094758
	CW10N49	Standard Ceramic Cup 8mm #5	Pack	2	9310574094765
	CW10N48	Standard Ceramic Cup 10mm #6	Pack	2	9310574094772
	CW10N47	Standard Ceramic Cup 11mm #7	Pack	2	9310574094789
	CW10N46	Standard Ceramic Cup 13mm #8	Pack	2	9310574094796
	CW10N45	Standard Ceramic Cup 16mm #10	Pack	2	9310574094802
	CW10N44	Standard Ceramic Cup 19mm #12	Pack	2	9310574094819
	CW54N18	Standard Gas Lens Cup 6mm #4	Pack	2	9310574094826
	CW54N17	Standard Gas Lens Cup 8mm #5	Pack	2	9310574094833
	CW54N16	Standard Gas Lens Cup 10mm #6	Pack	2	9310574094840
	CW54N15	Standard Gas Lens Cup 11mm #7	Pack	2	9310574094857
	CW54N14	Standard Gas Lens Cup 13mm #8	Pack	2	9310574094864
	CW54N19	Standard Gas Lens Cup 17mm #11	Pack	2	9310574094871
	CW10N23	Standard Collet 1.6mm	Pack	2	9310574094888
	CW10N24	Standard Collet 2.4mm	Pack	2	9310574094895
	CW10N25	Standard Collet 3.2mm	Pack	2	9310574094901
	CW10N23S	Stubby Collet 1.6mm	Pack	2	9310574094918
	CW10N24S	Stubby Collet 2.4mm	Pack	2	9310574094925
	CW10N25S	Stubby Collet 3.2mm	Pack	2	9310574094932
	CW10N31	Standard Collet Body 1.6mm	Pack	2	9310574094949
	CW10N32	Standard Collet Body 2.4mm	Pack	2	9310574094956
	CW10N28	Standard Collet Body 3.2mm	Pack	2	9310574094963
	CW45V25	Gas Lens Body 1.6mm	Pack	2	9310574094970
	CW45V26	Gas Lens Body 2.4mm	Pack	2	9310574094987
	CW45V27	Gas Lens Body 3.2mm	Pack	2	9310574094994
	CW4GL116NQ	Gas Lens Body Quartz 1.6mm	Pack	2	9310574095007
	CW4GL332NQ	Gas Lens Body Quartz 2.4mm	Pack	2	9310574095014
	CW4GL418NQ	Gas Lens Body Quartz 3.2mm	Pack	2	9310574095021
	CW18CG	Insulator Standard	Pack	2	9310574095038
	CW18CG20GS	Insulator Stubby Gas Lens	Pack	2	9310574095045
	CW54N01	Gas Lens Insulator (use with 18CG)	Pack	2	9310574095052
	CW57Y02	Back Cap Long	Pack	2	9310574095076
	CW57Y05	Back Cap Medium	Pack	2	9310574095083
	CW57Y04	Back Cap Short	Pack	2	9310574095090



	P/N:	DESCRIPTION	UOM	QTY	BARCODE
BULK PACKS					
	CW10N50B	Standard Ceramic Cup 6mm #4	Pack	10	9310574095380
	CW10N49B	Standard Ceramic Cup 8mm #5	Pack	10	9310574095397
	CW10N48B	Standard Ceramic Cup 10mm #6	Pack	10	9310574095403
	CW10N47B	Standard Ceramic Cup 11mm #7	Pack	10	9310574095410
	CW10N46B	Standard Ceramic Cup 13mm #8	Pack	10	9310574095427
	CW10N45B	Standard Ceramic Cup 16mm #10	Pack	10	9310574095434
	CW10N44B	Standard Ceramic Cup 19mm #12	Pack	10	9310574095441
	CW54N18B	Standard Gas Lens Cup 6mm #4	Pack	10	9310574095458
	CW54N17B	Standard Gas Lens Cup 8mm #5	Pack	10	9310574095465
	CW54N16B	Standard Gas Lens Cup 10mm #6	Pack	10	9310574095472
	CW54N15B	Standard Gas Lens Cup 11mm #7	Pack	10	9310574095489
	CW54N14B	Standard Gas Lens Cup 13mm #8	Pack	10	9310574095496
	CW54N19B	Standard Gas Lens Cup 17mm #11	Pack	10	9310574095502
	CW10N23B	Standard Collet 1.6mm	Pack	5	9310574095519
	CW10N24B	Standard Collet 2.4mm	Pack	5	9310574095526
	CW10N25B	Standard Collet 3.2mm	Pack	5	9310574095533
	CW10N23SB	Stubby Collet 1.6mm	Pack	5	9310574095540
	CW10N24SB	Stubby Collet 2.4mm	Pack	5	9310574095557
	CW10N25SB	Stubby Collet 3.2mm	Pack	5	9310574095564
	CW10N31B	Standard Collet Body 1.6mm	Pack	5	9310574095571
	CW10N32B	Standard Collet Body 2.4mm	Pack	5	9310574095588
	CW10N28B	Standard Collet Body 3.2mm	Pack	5	9310574095595
	CW57Y02B	Back Cap Long	Pack	5	9310574095601
	CW57Y05B	Back Cap Medium	Pack	5	9310574095618
	CW57Y04B	Back Cap Short	Pack	5	9310574095625

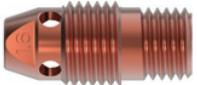
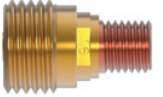
9/20 SERIES CONSUMABLES

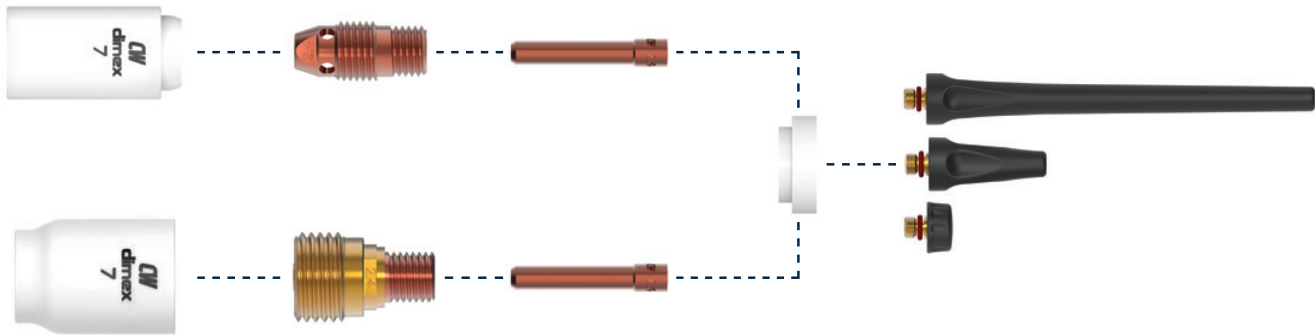
Dimex 9/20 series consumables are designed for durability and high performance. Fully customise your WP9 or 20 style torch with premium Dimex Consumables.

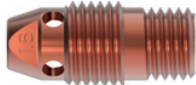
Weld in style with our brand-new white Ceramic Cups, offering extreme durability and high heat resistance.

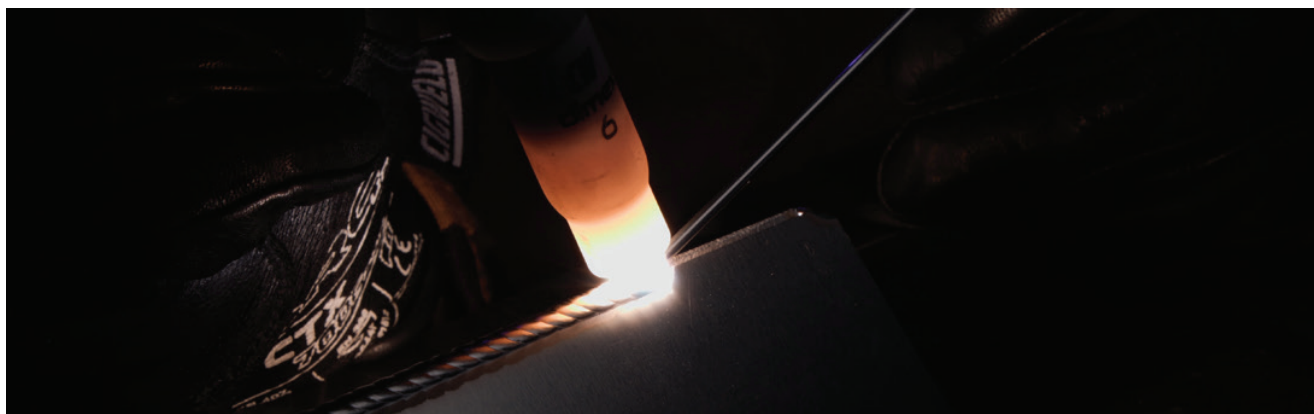
Dimex boasts quality, performance and price! Create the ultimate TIG setup with our extensive range of premium consumables available in

- Retail Packs
- Bulk Packs
- Consumable Kits

	P/N:	DESCRIPTION	UOM	QTY	BARCODE
RETAIL PACKS					
	CW13N08	Standard Ceramic Cup 6mm #4	Pack	2	9310574095106
	CW13N09	Standard Ceramic Cup 8mm #5	Pack	2	9310574095113
	CW13N10	Standard Ceramic Cup 10mm #6	Pack	2	9310574095120
	CW13N11	Standard Ceramic Cup 11mm #7	Pack	2	9310574095137
	CW13N12	Standard Ceramic Cup 13mm #8	Pack	2	9310574095144
	CW13N13	Standard Ceramic Cup 16mm #10	Pack	2	9310574095151
	CW53N58	Standard Gas Lens Cup 6mm #4	Pack	2	9310574095168
	CW53N59	Standard Gas Lens Cup 8mm #5	Pack	2	9310574095175
	CW53N60	Standard Gas Lens Cup 10mm #6	Pack	2	9310574095182
	CW53N61	Standard Gas Lens Cup 11mm #7	Pack	2	9310574095199
	CW53N61-S	Standard Gas Lens Cup 13mm #8	Pack	2	9310574095205
	CW13N22	Standard Collet 1.6mm	Pack	2	9310574095212
	CW13N23	Standard Collet 2.4 mm	Pack	2	9310574095229
	CW13N24	Standard Collet 3.2mm	Pack	2	9310574095236
	CW13N27	Standard Collet Body 1.6mm	Pack	2	9310574095243
	CW13N28	Standard Collet Body 2.4mm	Pack	2	9310574095250
	CW13N29	Standard Collet Body 3.2mm	Pack	2	9310574095267
	CW45V43	Gas Lens Body 1.6mm	Pack	2	9310574095274
	CW45V44	Gas Lens Body 2.4mm	Pack	2	9310574095281
	CW45V45	Gas Lens Body 3.2mm	Pack	2	9310574095298
	CW45V43NQ	Gas Lens Body Quartz 1.6mm	Pack	2	9310574095304
	CW45V44NQ	Gas Lens Body Quartz 2.4mm	Pack	2	9310574095311
	CW45V45NQ	Gas Lens Body Quartz 3.2mm	Pack	2	9310574095328
	CW598882	Cup Gasket	Pack	2	9310574095335
	CW598882GS	Cup Gasket Quartz	Pack	2	9310574102910
	CW41V24	Back Cap Long	Pack	2	9310574095359
	CW41V35	Back Cap Medium	Pack	2	9310574095366
	CW41V33	Back Cap Short	Pack	2	9310574095373



	P/N:	DESCRIPTION	UOM	QTY	BARCODE
BULK PACKS					
	CW13N08B	Standard Ceramic Cup 6mm #4	Pack	10	9310574095632
	CW13N09B	Standard Ceramic Cup 8mm #5	Pack	10	9310574095649
	CW13N10B	Standard Ceramic Cup 10mm #6	Pack	10	9310574095656
	CW13N11B	Standard Ceramic Cup 11mm #7	Pack	10	9310574095663
	CW13N12B	Standard Ceramic Cup 13mm #8	Pack	10	9310574095670
	CW13N13B	Standard Ceramic Cup 16mm #10	Pack	10	9310574095687
	CW53N58B	Standard Gas Lens Cup 6mm	Pack	10	9310574095694
	CW53N59B	Standard Gas Lens Cup 8mm	Pack	10	9310574095700
	CW53N60B	Standard Gas Lens Cup 10mm	Pack	10	9310574095717
	CW53N61B	Standard Gas Lens Cup 11mm	Pack	10	9310574095724
	CW53N61-SB	Standard Gas Lens Cup 13mm	Pack	10	9310574095731
	CW13N22B	Standard Collet 1.6mm	Pack	5	9310574095748
	CW13N23B	Standard Collet 2.4 mm	Pack	5	9310574095755
	CW13N24B	Standard Collet 3.2mm	Pack	5	9310574095762
	CW13N27B	Standard Collet Body 1.6mm	Pack	5	9310574095779
	CW13N28B	Standard Collet Body 2.4mm	Pack	5	9310574095786
	CW13N29B	Standard Collet Body 3.2mm	Pack	5	9310574095793
	CW41V24B	Back Cap Long	Pack	5	9310574095809
	CW41V35B	Back Cap Medium	Pack	5	9310574095816
	CW41V33B	Back Cap Short	Pack	5	9310574095823



ELITE QUARTZ CONSUMABLES

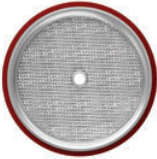
Dimex - Elite Quartz series is the ultimate range of TIG consumables. Designed for unparalleled visibility and performance to enhance weld quality and precision.

Available in various sizes including 12, 14, 16 and 24, Dimex Quartz cups fit both WP9/20 and 17/18/26 style torches making them extremely versatile and interchangeable.

Elite Quartz cups offer exceptional gas coverage due to their large diameter design. They also utilise a Collet Body - gas lens plus an additional screen pack, supporting turbulent free, laminar gas flow.

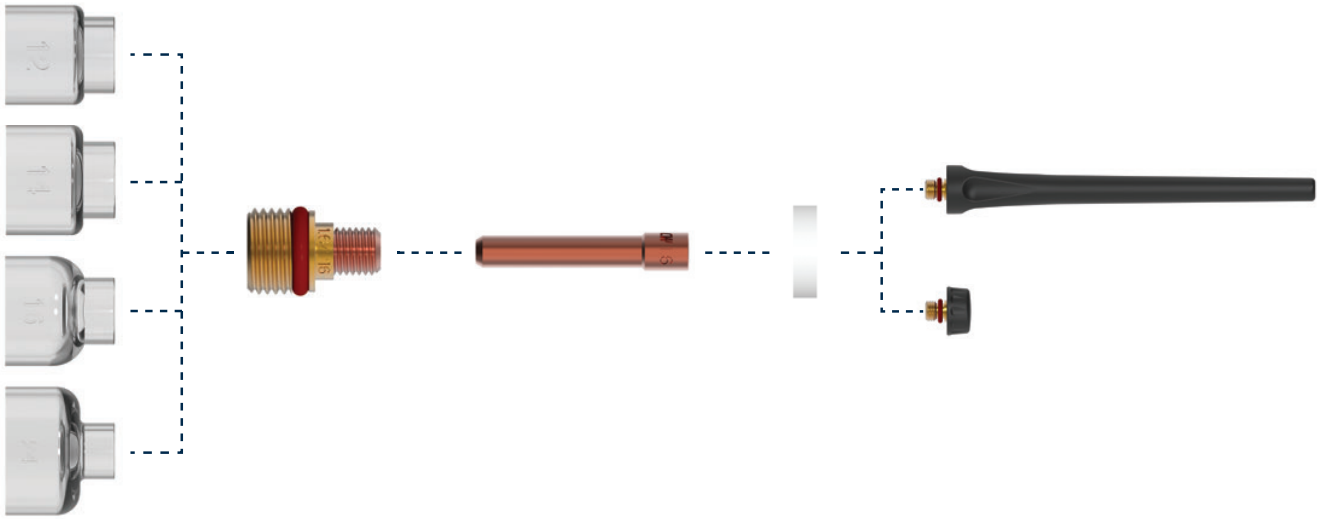
Available in:

- Retail Packs (Quartz cup and mesh screen pack sold separately)
- Consumable Kits

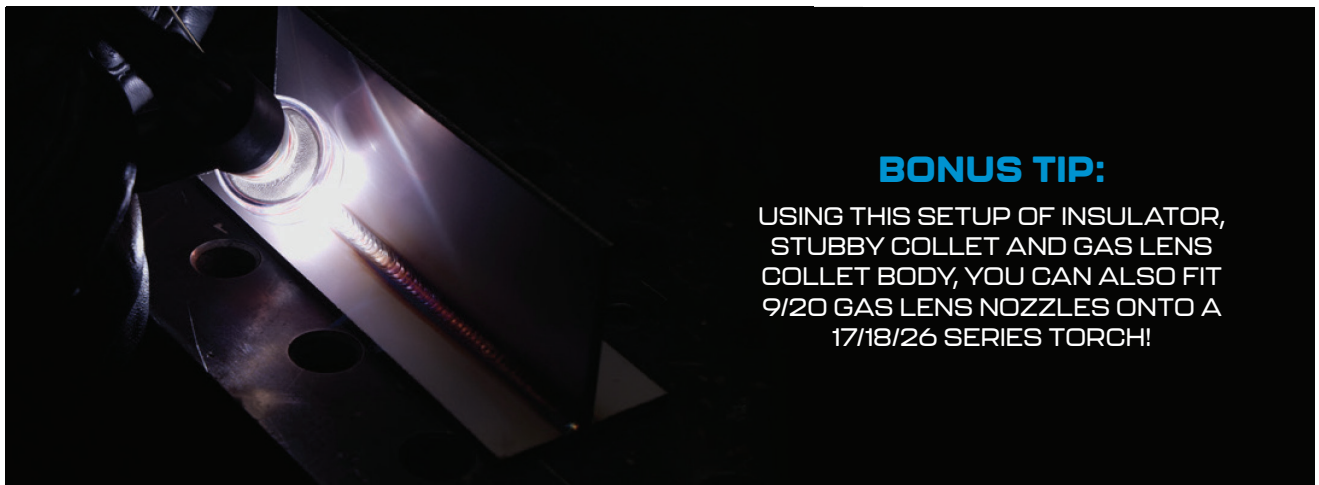
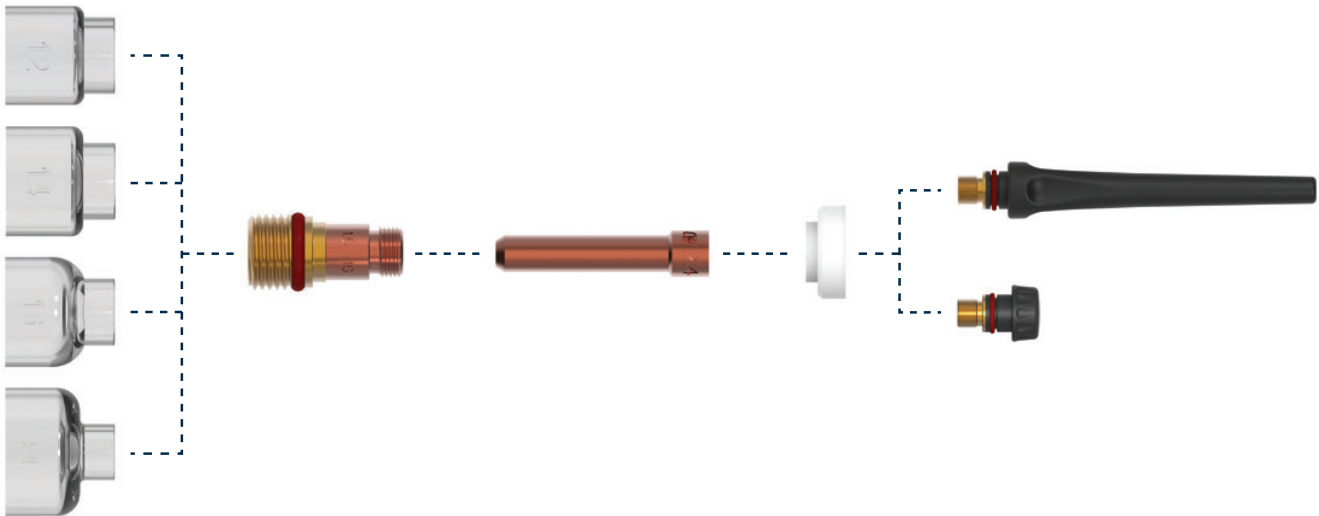
	P/N:	DESCRIPTION	UOM	QTY	BARCODE
RETAIL PACKS					
	CW53NQC12	Quartz Champagne Cup #12	Each	1	9310574095830
	CW53NQC14	Quartz Champagne Cup #14	Each	1	9310574095847
	CW53NQC16	Quartz Champagne Cup #16	Each	1	9310574095854
	CW53NQC24	Quartz Champagne Cup #24	Each	1	9310574095861
	CW53NQ12-16	Screen Pack Adapter 1.6mm #12	Each	1	9310574095878
	CW53NQ14-16	Screen Pack Adapter 1.6mm #14	Each	1	9310574095885
	CW53NQ16-16	Screen Pack Adapter 1.6mm #16	Each	1	9310574095892
	CW53NQ24-16	Screen Pack Adapter 1.6mm #24	Each	1	9310574095908
	CW53NQ12-24	Screen Pack Adapter 2.4mm #12	Each	1	9310574095915
	CW53NQ14-24	Screen Pack Adapter 2.4mm #14	Each	1	9310574095922
	CW53NQ16-24	Screen Pack Adapter 2.4mm #16	Each	1	9310574095939
	CW53NQ24-24	Screen Pack Adapter 2.4mm #24	Each	1	9310574095946
	CW53NQ12-32	Screen Pack Adapter 3.2mm #12	Each	1	9310574095953
	CW53NQ14-32	Screen Pack Adapter 3.2mm #14	Each	1	9310574095960
	CW53NQ16-32	Screen Pack Adapter 3.2mm #16	Each	1	9310574095977
	CW53NQ24-32	Screen Pack Adapter 3.2mm #24	Each	1	9310574095984



9/20 SERIES



17/18/26 SERIES



BONUS TIP:

USING THIS SETUP OF INSULATOR, STUBBY COLLET AND GAS LENS COLLET BODY, YOU CAN ALSO FIT 9/20 GAS LENS NOZZLES ONTO A 17/18/26 SERIES TORCH!

GAS LENS VS COLLET BODY

Both a collet body and gas lens distribute shielding gas over the weld pool protecting it from contamination and reducing porosity. However, the method and efficiency of how the gas is exhausted makes quite the difference.

COLLET BODY

Regular collet bodies utilise specifically positioned holes to disperse gas from the torch. Due to the confined space, gas is forced out of these exit holes, which can cause turbulent flow. Turbulence can lead to inconsistent gas coverage resulting in contamination and porosity.

GAS LENS

On the contrary, a gas lens utilises a gas diffusion chamber with mesh screens, designed to promote laminar gas flow. This reduces turbulence and directs gas flow over the weld pool in an even and controlled manner.

WITHOUT GAS LENS



WITH GAS LENS



TUNGSTEN ELECTRODES

CONFORM TO
AWS A5.12 | ISO 6848

TUNGSTENS FOR ANY TIG WELDING APPLICATION!

CIGWELD's Tungsten Electrodes are essential for TIG welding, offering exceptional durability due to the tungsten's extremely high melting point of approximately 3400°C. This allows the electrode to sustain a stable electric arc between the workpiece and the electrode without rapid wear. Various types of tungsten electrodes are available, each tailored to specific welding applications. For guidance on selecting the right electrode, refer to the **AWS A5.12 and ISO 6848** standards, which provide detailed information on CIGWELD's tungsten electrode offerings.

TUNGSTEN ELECTRODE SELECTION GUIDE

P/N	CLASSIFICATION	SIZE	CURRENT SUITABILITY	COMPOSITIONS	WELDABLE MATERIALS	
2% THORIATED						
	TUN16THR TUN24THR TUN32THR	WT20 EWTh-2 Provides excellent arc starting, stability, and current capacity.	1.6mm x 175mm 2.4mm x 175mm 3.2mm x 175mm	DC	97.7%~ 98.2% W 1.7%~2.2% ThO2 ≤ 0.1% Others	Mild & Carbon Steel, Stainless Steel, Nickel, Titanium and Copper Alloys.
1.5% LANTHANATED						
	TUN16LAN TUN24LAN TUN32LAN	WL15 EWLa-1.5 Provides excellent arc starting and stability, similar to Thoriated electrodes.	1.6mm x 175mm 2.4mm x 175mm 3.2mm x 175mm	AC/DC	98.1%~98.5% W 1.3%~1.7% La2O3 ≤ 0.2% Others	Aluminium, Copper Alloys, Nickel, Stainless Steel, Mild & Carbon Steel and Titanium
3% RARE EARTH						
	TUN16RE3 TUN24RE3 TUN32RE3	WG EWG Excellent arc stability, low wear rate, and superior arc starting, even at lower amperages.	1.6mm x 175mm/150mm 2.4mm x 175mm/150mm 3.2mm x 175mm	AC/DC	97.7%~98.1 W 1.8~2.2% La2O3+YO2+WZrO2 ≤ 0.1% Others	Aluminium, Copper Alloys, Nickel, Stainless Steel, Mild & Carbon Steel and Titanium
0.8% ZIRCONIATED						
	TUN16ZIR TUN24ZIR TUN32ZIR	(WZ EWZr-0.8) Excellent arc stability and resistance to contamination.	1.6mm x 175mm/150mm 2.4mm x 175mm/150mm 3.2mm x 175mm	AC	98.9%~99.1 W 0.7~0.9% ZrO2 ≤ 0.2% Others	Aluminium and Magnesium Alloys

CIGWELD

AN **ESAB** BRAND



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ABN 56 007 226 815 (An ESAB Brand) reserves the right to change
specifications or design on any of its products without prior notice.