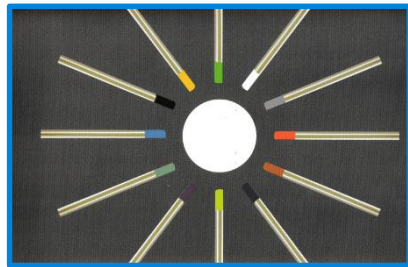


TUNGSTEN ELECTRODES

TRUWELD supplies the following range of Tungsten Electrodes



SURFACE CONDITIONS

Ground Finish, clear, no defect, no greasy dirt & other impurities

PROPERTIES

High Melting Point, Steady Arc without Self Consume

STANDARDS

Tungsten Electrodes execute ISO 6848 in Electrons Standard

APPLICATION

Used for Inert Gas protection arc welding, plasma cutting, spray-coating and furnace melting

SIZES AVAILABLE

In Diameters (mm)

0.5 *1.0 *1.6 *2.0 *2.4 *3.0 *3.2 *4.0 *4.8 *5.0 *6.4 mm

In Lengths

All the above are available in 150 mm or 175 mm Lengths

PACKING

10 pcs/Box

TYPE, COMPOSITION AND COLOUR CODES

TYPE	COMPOSITION				COLOUR CODE
	Added Impurity	Added Impurity %	Other Impurities %	Tungsten %	
WP	-	-	<0.20	Remaining	Green
WT10	ThO2	0.80-1.20	<0.20	Remaining	Yellow
WT20	ThO2	1.70-2.20	<0.20	Remaining	Red
WT30	ThO2	2.80-3.20	<0.20	Remaining	Violet
WT40	ThO2	3.80-4.20	<0.20	Remaining	Orange
WZ3	ZrO2	0.15-0.50	<0.20	Remaining	Brown
WZ8	ZrO2	0.70-0.90	<0.20	Remaining	White
WL10	LaO2	0.90-1.20	<0.20	Remaining	Black
WL15	LaO2	1.30-1.70	<0.20	Remaining	Golden Yellow
WL20	LaO2	1.80-2.20	<0.20	Remaining	Blue
WC20	CeO2	1.80-2.20	<0.20	Remaining	Grey
WS2/WE3	La2O3,ZrO2, YtO3	1.8-2.2	</=0.20	Remaining	Turquoise Purple

Designation	COLOUR CODE	Welding Material and Alloy Type	Advantages
WT20	Red	Stainless steels, Carbon Steel, Nickel, Titanium, Copper and its alloys	High and low currents are both acceptable, the performance under overload current is also very good.
WC20	Grey	Stainless steels, pipeline and small precision parts welding	The best alternative to WT20 under low welding current, not suitable for high welding current.
WL10	Black	Stainless steels, Carbon steel, Nickel, Titanium, Copper, Magnesium, Aluminium and its alloys	It can replace WT20 under low current condition, with longer service life. When current exceeds 250AMP, the wastage is worse than WT20.
WL15	Golden Yellow		
WL20	Blue		
WP	Green	Magnesium, Aluminium and its alloys	Arc is stable under low welding current. The wastage is very apparent under high welding current.
WZ8	White	Magnesium, Aluminium and its alloys	Easier to arc than WP and can bear high current
WS2 / WE3	Turquoise Purple	Stainless steels, Carbon steel, Nickel, Titanium, Copper and its alloys	The newest alternative to WT20 as green products

Parts & Torches offered by Truweld Welding Industries are not genuine parts & are only compatible parts.

Reference to Brand, Torch & Part No is only for convenience.

AUTHORISED DISTRIBUTOR