

PLAIN ROD - ELECTRODE - WIRE

TUNGSTEN CARBIDE	FORM	SIZE	DESCRIPTION
TUNGSTUB	Plain rod	Ø 3-6,4	Low carbon steel-nickel plated fullfilled with fused Tungsten Carbide (W2C WC) corners of different selected size.
TUNGSARC	Electrode	Ø 4-6	Tungstsub covered for electrical deposition.
FLEXODUR	Flexible rod	Ø 4-8	Flexible rods obtained by extrusion on a pure nickel core of fused tungsten carbides with some alloying elements.
TUNGSPAD	Plain rod	Ø12/15x500	Sintered tungsten carbide pellets of selected size in a mallechort matrix with a lower melting point.

POWDER

TUNGSTEN CARBIDE	ANALISYS		
	MATRIX NICKEL	TUNGSTEN CARBIDE	TUNGSTEN CARBIDE %
1361	1357	W2C - WC	30
1362	1357	W2C - WC	40
1363	1357	W2C - WC	50
1365	1357	WC - Co	40
1366	1357	WC - Co	50
1367	1357	WC - Co	60

SINTERING

TUNGSTEN CARBIDE	SPECIFICATIONS				ANALISYS		
	ISO	HARDNESS		DENSITY kg/dm ³	W	Co	OTHERS
		HV	HRA		%	%	%
ST 01	K01	1800	93	15,05	BAL	4,5	3
ST 05	K05	1750	92,8	15	BAL	5	0,5
ST 10	K10	1700	92,5	14,95	BAL	5,5	0,5
ST 15	K15	1600	91,8	14,45	BAL	10	0,5
ST 20	K20	1580	91,6	14,85	BAL	6,5	0,5
ST 30	K30	1450	90,7	14,65	BAL	8,5	0,5
ST 40	K40	1295	89,5	14,3	BAL	12	1
ST 45	K45	1210	88,4	14,05	BAL	15	0,55
ST 50	K50	1100	87	14	BAL	15	0,5
STG 30	G30	1070	86,7	14,05	BAL	15	0,5
STG 40	G40	910	84,8	13,6	BAL	20	0,5
STG 50	G50	810	83,2	13,1	BAL	25	0,5
ST 37	SPECIALE	1370	90,2	14.6	BAL	0,5	8,5 (Nickel)