TG-S63S TRUSTARC™

TIG wire and rod for Mn-Mo and Mn-Mo-Ni steel

Features: ▪ Applied for ASTM A533 Type A, B, C, D and equivalents

Classification: AWS A5.28 ER90S-G

Shielding Gas: Ar
Identification color: 1st Light green
Polarity: DCEN

Packaging data

	Tube		
ϕ mm	**kg**	**Length mm**	**g/piece**
1.6	5	1,000	16
2.0	5	1,000	25
2.4	5	1,000	35
3.2	5	1,000	63
Volume mm	40W, 35H, 1015L		

Composition (wire mass%)

	Typical	Guaranty [a]
C	0.12	0.15
Si	0.34	0.20~0.50
Mn	1.27	1.05~1.45
P	0.003	0.025
S	0.007	0.025
Ni	1.58	1.45~1.75
Cr	0.02	0.30
Mo	0.41	0.25~0.55
Cu	0.11	0.35
V	<0.01	0.05

Note: [a] Single values are maximum.

All-weld mechanical properties

	Typical	Guaranty
0.2%YS (MPa)	570	530min.
TS (MPa)	660	621min.
El on 4d (%)	27	15min.
IV -12℃ (J)	260	-
PWHT (℃xh)	625x15	620x1