

Cr-Mo Heat Resisting TIG Wire 铬钼耐热氩弧焊丝

Type of welding wire	Chemical composition	Description
H08CrMoA	C≤0.10 Mn 0.40–0.70 Si 0.15–0.35 Cr 0.80–1.10 Ni≤0.30 Cu≤0.20 Mo 0.40–0.60 S≤0.030 P ≤0.030	It can be coordinated with welding flux HJ250 or 603 sin tered flux to 12GMo steel-made reactor for hydro-refining. Heat exchanger, steam pipeline heat-proof steel pressure container etc.
H13GrMoA	C 0.11–0.16 Mn 0.40–0.70 Si 0.15–0.35 Cr 0.80–1.10 Ni≤0.30 Cu≤0.20 Mo 0.40–0.60 S≤0.030 P ≤0.030	It can be coordinated with SJ630 welding flux to solder the pipeline and heat-proof steel pressure container such as 12CrMo, A387Cr12 etc.
H08CrMoVA	C≤0.10 Mn 0.40–0.70 Si 0.15–0.35 Cr 1.0 –1.30 Ni≤0.30 Cu≤0.20 Mo 0.50–0.70 V 0.15–0.35 S≤0.030 P ≤0.030	It can be coordinated with welding flux 250,251,350,351 to solder 1%Cr–0.5% Mo pearlite heat-proof steel such as 12 CrMoV etc. It has creep resistance and strong heat properties. It can also be used for welding low alloy and high strength steel constru-ction with the relevant strength class.
H08MnMoA	C≤0.10 Mn 1.20–1.60 Si≤0.25 Cr ≤0.20 Ni≤0.30 Cu≤0.20 Mo 0.30–0.50 S≤0.030 P ≤0.030 others Ti Addition 0.15	It can match with SJ101, 102 flux to weld low alloy steel with high strength class, e.g.18No,12MnV,15MnV, materials etc.
H08Mn2MoA	C0.06–0.11 Mn 1.60–1.90 Si≤0.25 Cr ≤0.20 Ni≤0.30 Cu≤0.20 Mo 0.50–0.70 S≤0.030 P ≤0.030 others Ti Addition 0.15	It can coordinate with Ht250 Welding flux to solder low alloy and high strength steel, –70℃ low temperature use steel, e.g.09Mn2V,15MnMoV,18MnMoNo have the sound low temperature impact tenacity.
H08Cr2MoA	Cr 2.00–2.50 C0.08–0.13 Mn 0.40–0.70 Si≤0.15–0.35 Cu≤0.20 Mo 0.90–1.20 S≤0.030 P ≤0.030 others Ti Addition 0.15	It can coordinate with welding flux 250,251,350,351 to solder 2.5 molybdenum–V kind pearlite heat-proof steel, for example, various containers, synthetic chemical machinery, petroleum cracker have the superior low temperature tenacity and temperability-resistance.
H10Mn2SiNiMoA	C≤0.12 Mn 1.25–1.8 Si 0.4–0.8 Ni 0.5–1.00 Cu≤0.20 Mo 0.20–0.55 S≤0.030 P ≤0.030 others Ti(≤0.20)Al(≤0.10)	It can be used to produce the pressure containers with tenacity requirements under low temperature conditions, 70kg-level high strength alloy structural parts.
H08Mn2SiMoA	C≤0.11 Mn 1.7–2.1 Si 0.65–0.95 Cr≤0.10 Ni≤0.10 Cu≤0.20 Mo 0.35–0.55 S≤0.025 P ≤0.025	It can match with ST101, HT250 flux to weld high strength heat-proof steel such as 12 MnV, 15MnV,15MnMov, 18MnMoA and so on. It is mainly used to solder the engineering machinery with heat-resistant requirements.

Wire Diameter(mm)	2.0	2.5	3.2
Length(mm)	1000		
Packing	5kg/PVC box, 30kg/carton		

