

# KMX-110G

**Classification**

AWS A5.28/A5.28M

JIS Z3313

EN ISO 18276-B

GB T17493

E110C-G/ E76C-G

T764T15-0MA-G

T764T15-3M21A-G

E76C-G

Shielding Gas: 80%Ar+20% CO<sub>2</sub>**Applications and Features**

- ( 1 ) Suitable for welding 760N/mm<sup>2</sup> grade steel.
- ( 2 ) Higher deposition rate, faster travel speed, superior arc wetting and better bead appearance.
- ( 3 ) Ideal for welding heavy construction machine and coal mining equipment.

**Welding position****Welding Instruction**

Please refer to Appendix D.

**Typical Chemical Composition of Weld Metal (wt%)**

C	Si	Mn	P	S	Cr
0.09	0.60	1.97	0.012	0.006	0.53

**Typical Mechanical Properties of Weld Metal**

Tensile Strength	Yield Strength	Elongation	Charpy V-Notch	
N/mm <sup>2</sup>	N/mm <sup>2</sup>	%	°C	J
804	764	18	-29	85
			-40	66

**Size and Suggested Operating Range (DC+)**

Diameter (mm)	1.0	1.2	1.4	1.6	
Current (A)	F/HF	100~230	180~350	200~450	350~600