

**FAMILIARC™**

# TG-S50

**TIG Welding Rod for Mild Steel & 490 MPa High Tensile Steel**



## Application

**FAMILIARC™ TG-S50** is suitable for mild steel and 490 MPa high tensile steel.

## Features

- ◆ **FAMILIARC™ TG-S50** shows good toughness at low temperatures. It is suitable for root pass welding of pipes and all position welding of thin plates.



**FAMILIARC™****KOBELCO**

# TG-S50

## Available sizes and weight of packaging

Dimension (mm)	1.6	2.0	2.4
Length (mm)	1,000		
Weight / package	5 kg		

## Typical chemical composition of rod (%)

C	Si	Mn	P	S
0.10	0.74	1.40	0.009	0.010

## Typical mechanical properties of all-weld metal

0.2% YS (MPa)	TS (MPa)	El (%)	IV at - 30 °C (J)	PWHT (°C x hr)
480	580	33	180	AW
380	500	36	230	625 x 8

## Shipping Approval

ABS	LR	DNV	NK
3Y*	DXVuO, BF, 3Ym, H15	III YM	KSW53G(I)

### DISCLAIMER

- Information in this booklet such as chemical compositions and mechanical properties is typical or example for explaining the features and performance of our products, and it does not guarantee otherwise specified.
- Information contained herein is subject to change without notice. Please kindly contact KOBELCO for latest information.

 For Technical Consultation, please contact **Technical Service.**

**KOBELCO MIG WIRE (THAILAND) CO., LTD.**

### Head Office and Factory

491 Moo 4 Soi 1 Bangpoo Industrial Estate, Sukhumvit Road, Praeksa, Muang, Samutprakarn 10280, Thailand

Tel : (+66)-2-324-0588~91 , Fax : (+66)-2-324-0797

Web site : <http://www.thaikobelco.com>

### Bangkok Office

10<sup>th</sup> Fl., Sathorn Thani II Building, 92/23 North Sathorn Road. Silom, Bangrak, Bangkok 10500, Thailand

Tel : (+66)-2-636-8650~2 , Fax : (+66)-2-636-8653



**JQA-QM3667**  
**JQA-EM5680**