



SpeedA/™

Aluminium MIG and TIG welding wire



SpeedAI™

Quality Aluminium Welding Wires

The SpeedAI™ range of welding wires offer several advantages to customers by bringing new ideas and technology to the production of aluminium welding wires. SpeedAI™ wires ensure consistency and reliability for customers in a variety of applications.



Technical Specifications

Chemical Analysis

Product	ISO chemical	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Other Each	Other Total	Al
SpeedAI/ 1080A	Al99.8(A)	0.15	0.15	0.03	0.02	0.02	-	0.06	0.02	0.02	-	98.80 min
SpeedAI/ 1070	Al99.7	0.20	0.25	0.04	0.03	0.03	-	0.04	0.03	0.03	-	99.70 min
SpeedAI/ 4043	AlSi5	4.5-6.0	0.8	0.30	0.05	0.05	-	0.10	0.20	0.05	0.15	Rem
SpeedAI/ 4047	AlSi12	11.0-13.0	0.8	0.30	0.15	0.10	-	0.20	-	0.05	0.15	Rem
SpeedAI/ 5183	AlMg4.5Mn0.7(A)	0.40	0.40	0.10	0.50-1.0	4.3-5.2	0.05-0.25	0.25	0.15	0.05	0.15	Rem
SpeedAI/ 5356	AlMg5Cr(A)	0.25	0.40	0.10	0.05-0.20	4.5-5.5	0.05-0.20	0.10	0.06-0.20	0.05	0.15	Rem
SpeedAI/ 5554	AlMg2.7Mn	0.25	0.40	0.10	0.50-1.0	2.4-3.0	0.05-0.20	0.25	0.05-0.20	0.05	0.15	Rem
SpeedAI/ 5556A	AlMg5Mn	0.25	0.40	0.10	0.6-1.0	5.0-5.5	0.05-0.20	0.20	0.05-0.20	0.05	0.15	Rem
SpeedAI/ 5754	AlMg3	0.40	0.40	0.10	0.50 ¹	2.6-3.6	0.30 ¹	0.20	0.15	0.05	0.15	Rem

Be 0.0003 max
¹ Mn +Cr 0.10-0.6

In accordance with ISO 18273:2004 (E), AWS A5.10/A5.10M:1999 and JIS Z 3232:2000.
 If no range specified, figure is a maximum. Aluminium is remainder unless specified otherwise.



Benefits of SpeedAI™

- ✓ Excellent feedability and superior liner life, which comes from our exclusive wire finishing technology
- ✓ Consistent high quality welds from our deep shaved and cleaned wire
- ✓ Double shaving, close to final size, giving the best performance for higher strength alloys in the most demanding applications
- ✓ Expert advice and technical support for all of our customers



Packaging

MIG Spools - 8kg spools now available
 All spools packed in heat-sealed plastic bags and boxed.

S100 packed 18 to one box (9kg net).

Spool	S100	S200	S300	BS300
Dia. mm	Kg net	Kg net	Kg net	Kg net
0.8	0.5	2.0	5.0 & 8.0	7.0
1.0	0.5	2.0	6.5 & 8.0	7.0
1.2	0.5	2.0	6.5 & 8.0	7.0
1.6	-	-	6.5 & 8.0	7.0
2.4	-	-	6.5 & 8.0	7.0



TIG rods

TIG rods are supplied in 1m lengths, the alloy code is stamped in 4 places.

Packed in handy 2.5kg packs; 8 packs to a box (20kg net).

Also available in 25kg bulk boxes.

Diameters: 1.6, 2.0, 2.4, 3.2, 4.0 and 5mm.



Our Technical 'Spark' Solves Your Industrial Challenges



WA Consumables
The go-to provider
of advanced welding
consumables

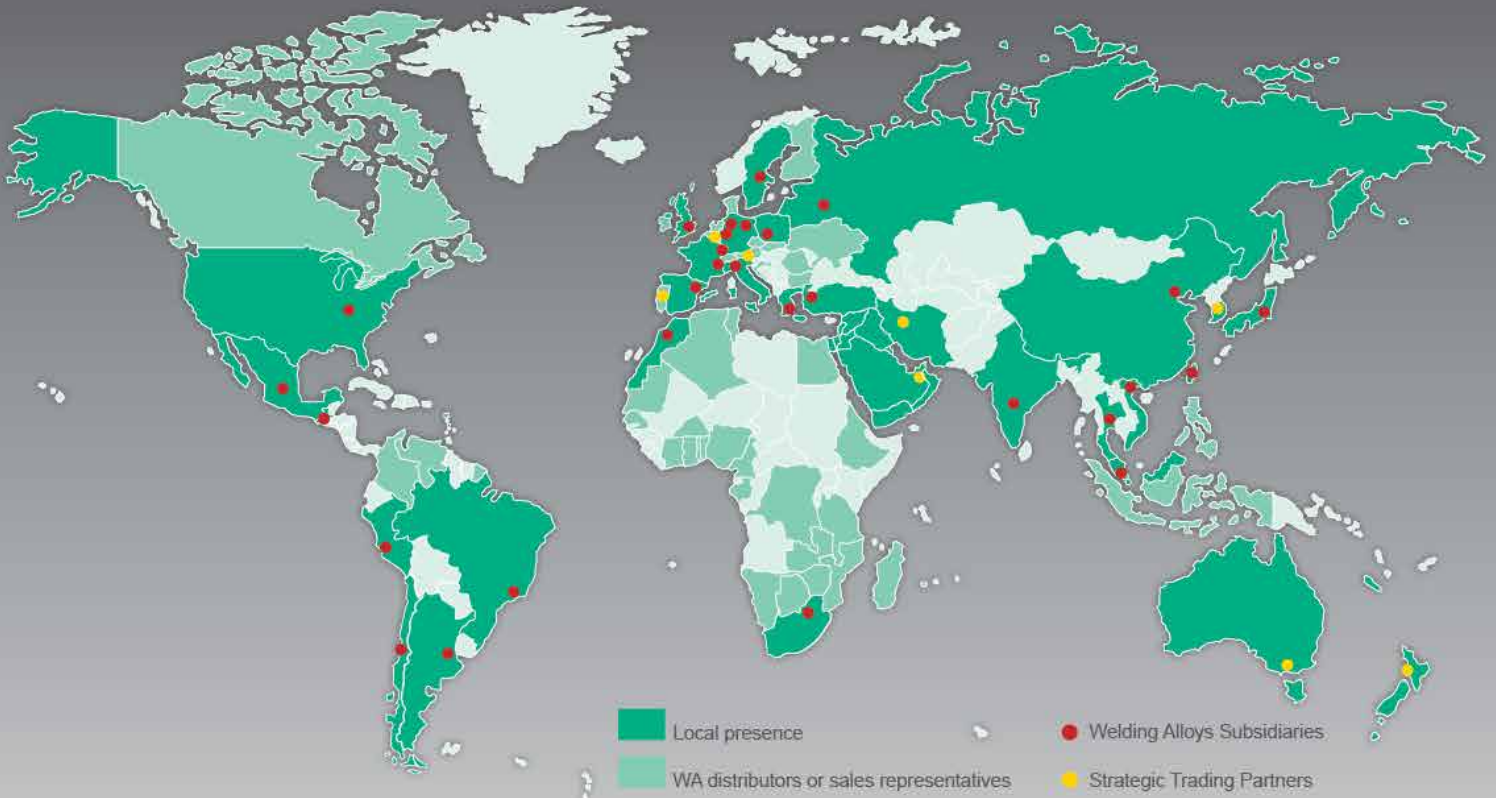


WA Machines
The go-to provider
of automated equipment
for wear protection



WA Integra™
The go-to provider
of engineered wear
protection solutions

A worldwide presence



www.welding-alloys.com

