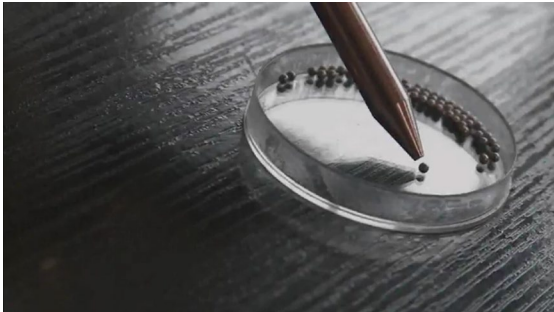


AIMTEK Tacking Balls

Application:	Ball tack welding is used to position and hold parts together before brazing, and is a process that is widely gaining acceptance in aerospace component OEM and MRO. There are many advantages over manual GTAW (TIG) welding and strapping processes. There is no base metal distortion or heat affected zone and parts are positioned perfectly without the chance of movement between work cells. Tack welding balls are available in a variety of materials, including stainless steels, Titanium, Inconels, and other Nickel-based alloys.
Size/diameter (inches):	0.028" to 0.120"
Industry Specifications:	Process approvals include PWA36951 and PWA15 Material specifications matching welding wire grades
Grades:	Grade 100 (+/- 0.0005") Grade 200 (+/- 0.001")
Commonly Stocked Tacking Balls: (Custom types also available) 	AMS5837 0.81mm (.032") dia. (Inconel 625) AMS5837 1mm (.039") dia. (Inconel 625) AMS5837 1.5mm (.060") dia. (Inconel 625) AMS5687 1.5mm (.059") dia. (Inconel 600) AMS5832 0.81mm (.032") dia. (Inconel 718) AMS5798 1mm (.039") dia. (Hastelloy X) AMS5798 2.4mm (.093") dia. (Hastelloy X) AMS5786 1mm (.039") dia. (Hastelloy W) AMS5801 1mm (.039") dia. (Haynes 188) AMS5801 1.4mm (.055") dia. (Haynes 188) AISI 304L, 1mm (.039") dia. AISI 304L, 1.5mm (.059") dia. 316SS 0.76mm (.030") dia. 316SS 1.06mm (.042") dia. 316SS 1.5mm (.059") dia. 316SS 2.3mm (.090") dia. 410SS 1mm (.039") dia. AMS5680 1mm (.039") dia. (347SS) AMS4951 1.06mm (.042") dia. (CP Titanium) AMS4954 0.8mm (.032") dia. (6Al-4V Titanium) Monel 67 (70 Copper-30 Nickel) 1.5mm (.060") dia.