

INSTANT METAL

DESCRIPTION

A press-fit repair compound designed to repair worn metal cylindrical parts without machining. Use to salvage keys, splines, tapers and out-of-true bearing seats, or for retaining shims.

APPLICATIONS

- Worn shafts and housings
- Bearing spinouts
- Keyways
- Splines

APPLICATION METHOD

Apply to the damaged area directly from the bottle. For split shafts, spread an even coat in a thin film both surfaces and wipes away excess once assembled. Instant Metal will set hard once parts are assembled.

TECHNICAL DATA

MINIMUM SHELF LIFE (months @ 24°C,).....	12
COLOUR.....	Metallic silver-grey
VISCOSITY	Thixotropic paste
FIGURE SPEED (mins)	
no activator.....	10 - 15
with activator	< 5
FULL CURE (hours @ 25°C)	2 - 64
GAP FILL (mm)	0.5mm
LAP SHEAR TENSILE STRENGTH (MPa)	22
DENSITY (gm/cm ³)	1.1
TEMPERATURE LIMITS (°C)	-55 to +150

STORAGE

Should be stored out of direct sunlight in dry frost free conditions of temperatures at 20°C. Under such conditions shelf life will be 12 months.

PRESENTATION

Supplied in 50ml and 250ml bottles.

HEALTH & SAFETY IN USE

IRRITANT: Contains Methacrylate Esters and some products contain small amounts of Acrylic Acid. Irritates eyes, the respiratory organs and the skin. In case of contact with the skin wash immediately with plenty of water.

Whilst all reasonable care is taken in compiling technical data on the Company's products, all recommendations or suggestions regarding the use of such products are made without guarantee, since the conditions of use are beyond the control of the Company. It is the customer's responsibility to satisfy themselves that each product is fit for the purpose for which they intend to use it, that the actual conditions of use are suitable and that in the light of our continual research and development programme the information relating to each product has not been superseded.