



MINERALS-TECH® 985T

“REPAIR PLUS WEAR”

Exceptional for joining, overlaying, surfacing and building up of worn or missing parts on most metals including:

carbon steel	MINERALS-TECH 985T	brasses
alloy steels		bronzes
tool steel		copper alloys
cast irons		

or any combination

MINERALS-TECH 985T Has the Following Properties

Extraordinary Shear and Tensile Strength 110,000 PSI !!
 Dual working temperature for thin flow or buildup versatility
 Work hardens to 200 BN Tough, Dense, Impact & Wear Resistant Deposit
 Thin Flows Used as a substitute for silver solder
 Durable & Active Flux Wets out on dirty, rusty surfaces
 Tough Deposit Great shock and peeling resistance
 Excellent Machineability Responds to all machining operations
 Low Friction Out wears steel or brass in friction wear applications

Super Easy to Apply

Controllable Out of position ease of application
 Builds Up Dual melting temperature 1350-1650
 Thin Flows Like silver solder

Typical Applications

Shaft Build Ups * Filling Elongated Holes * Gear Teeth * Damaged Threads
 * Bearings * Key Way Repair * Building Up Missing Parts * Bridging Poor
 Fits * Galvanized Sheet Metal * Steering Knuckles * Metal to Metal Wear
 Areas * Making Long Length Drills * Milling Cutters * Guides * Joining
 Carbon Steels, Alloyed Steels, Cast Iron, and Many Brasses and Bronzes to
 Themselves or in Dissimilar Combinations !!!

MINERALS-TECH 965T

Economical, easy to apply alloy for maintenance and shop work where high strength or wear resistance are not prime factors. Flux coating has superior cleaning and wetting qualities.

Tensile 65,000	Hardness to 110 Bn	Melting Point 1500
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MINERALS TECHNOLOGY® CORP.
 MINERALS-TECH® ALLOYS

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