



A Complete Line of Composite Rods
for every Drilling Situation

DrilTec®



- Tungsten Carbide brazing rods and inserts with high abrasion resistance
- Recommended for use on steels and cast iron
- Outstanding cutting and milling action
- Permits bonding well below critical temperatures of ferrous metals

Eutectic Solutions

Eutectic is the leader in providing solutions for wear protection in all kinds of industries. The DrilTec product line is our advanced technology brazing solution that offers you the flexibility you need to create the exact drill bit surface profile needed for every drilling environment.

The line includes composite rods, filler rods, fluxes and unique carbide inserts to solve your most demanding drilling requirements. All DrilTec products are easily applied using a high capacity oxy-acetylene torch with or without flux and tinning rods.

DrilTec® 8700 Composite Rods

Cast and crushed Tungsten Carbide embedded in a tough nickel silver alloy matrix. Superior weldability of these rods provides homogeneous distribution of carbides ensuring the best cutting and milling action.

Choose from these available particle sizes:

Particle Size	Applications
1018	>3/16" Cutting applications
1/8" x 1/16"	
3/16" x 1/8"	< 3/16" Milling operations
1/4" x 3/16"	Down-hole tools, reamers, hole openers, junk mills, milling tools, fishing tools and stabilizers
5/16" x 1/4"	
3/8" x 5/16"	

Also available with flux coating



DrilTec® 8710 Max Composite Rods

Cast and crushed Tungsten Carbide embedded in a tough nickel base alloy matrix. Ideally suited for applications where high wear calls for a tougher matrix to hold the carbides during operation.

Choose from these available particle sizes:

Particle Size	Applications
1018	Tubing Mills
1/8" x 1/16"	
3/16" x 1/8"	
1/4" x 3/16"	
5/16" x 1/4"	
3/8" x 5/16"	

Also available with flux coating



DrilTec® 8750 Super Composite Rods

Unique carbide inserts (shown below) supplied in a nickel silver alloy matrix rod. DilTec Super 8750 Series gives the operator the flexibility to choose and then align an insert according to tool profile, providing the desired cutting angles.

Product	Carbide Shape	Available Sizes	Applications
8751	Round	3/8" x 3/16" 3/8" x 1/4" 1/4" x 0.200"	Through Tubing and Fishing Operations
8752	Square	3/8" x 3/16" 1/4" x 0.200"	
8753	S-Square	3/8" x 1/4"	
8754	T-Square	3/8" x 1/4"	
8755	Star	3/16" 3/8" 1/4" 1/2" 5/16"	
8756	Octagon	3/8" x 1/4" 1/4" x 0.200"	



DrilTec® 8770 Ultra Composite Rods

Top of the line multi-faceted carbide inserts cast onto a nickel silver alloy matrix. Designed to resist high abrasion and impact in the most severe environments.

Product	Carbide Shape	Available Sizes	Applications
8757	Multifaceted	5/16"	Drill out composite plugs



DrilTec® Ancillary Products

87 Tinning Rod

Nickel silver alloy rods designed to improve bonding of DrilTec® products on steel and cast iron parts. Flux coating provides surface cleaning, removing oxides and promoting matrix diffusion onto base metal.

Paste Flux 16

Specially formulated paste flux for improved wettability on carbon steels. Formulation reduces glare providing excellent visibility, allowing the operator to precisely arrange DrilTec carbide particles and inserts on parts.

Powder Flux 16

Dry Flux with same characteristics as Paste Flux 16. Designed for sprinkling operations.

*Pioneering
Industrial
Sustainability*

**Castolin
Eutectic**



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