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1. GENERAL SPECIFICATIONS

THERMO A® was developed to meet the highest demands of users wire EDM machines in terms of extreme accuracy and excellent surface quality finish. This wire is a coated brass which provides a high performance with a very competitive price.

THERMO A® obtains an exceptional surface finish : Ra = 0.10 µm. It offers a very competitive price without compromising performance on precision, surface quality and threading.

2. DETAILED CHARACTERISTICS

CORE:	Brass 63/37
COATING:	Zinc
DIAMETER TOLERANCE:	0 / - 0.002 mm
OVALIZATION:	0.002 mm (maxi)
TENSILE STRENGTH:	900 N/mm ²
ELONGATION:	1.5%
CONDUCTIBILITY:	22% IACS

3. USAGE RECOMMENDED

USE ON MACHINE: GFMS AgieCharmilles Cut 2000 and Cut 200.
Suitable for all EDM machines as a replacement for brass wire.

USAGE RECOMMENDED: Dies and tools, medical, fine mechanics.

MATERIALS: Steel, copper, tungsten carbide, aluminum, nickel, titanium, PCD

4. PATENTS

EP 1 379 353

US 8 519 294

Manufactured in Europe by Thermocompact.
Manufactured in Asia by HWA.

metalographic picture of Thermo A



NB: Cette fiche de spécifications produit est mise à jour régulièrement, veuillez s'il vous plait la consulter de manière régulière pour obtenir les résultats de nouveaux tests et des comparaisons de performances.