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1. GENERAL SPECIFICATIONS

THERMO ZFsigma® is a new EDM wire free of zinc offering superior performance:

- high processing speed
- high conductivity.

With non volatile element during machining process, **THERMO ZFsigma®** is dedicated to aerospace production, particularly for nickel base alloys.

2. DETAILED CHARACTERISTICS

MATERIAL:	Special micro alloyed copper
DIAMETER TOLERANCE:	0 / - 0.002 mm
OVALISATION:	0.002 mm (maxi)
TENSILE STRENGTH:	800 N/mm ²
YIELD STRENGTH:	750 N/mm ²
ELONGATION:	3%
CONDUCTIBILITY:	93% IACS

3. USAGE RECOMMENDED

USE ON MACHINE: All machines solutions.

USAGE RECOMMENDED: Dedicated to aeronautics.

MATERIAL: Convenient for all machining usage, recommended for the cutting of nickel-based alloy.

Manufactured in Europe by Thermocompact.

Manufactured in Asia by HWA.

4. AVAILABILITY

Thermo ZFsigma®		K100	T125	T160	T200	K250	JP5	JP10	JP15
0,20 mm 0,008"	ZFsigma		■	■	■		■	■	■
0,25 mm 0,010"	ZFsigma		■	■	■	■	■	■	■
0,30 mm 0,012"	ZFsigma		■	■	■	■	■	■	■

NB: this product specification sheet is upgraded on a regular basis, please check it regularly to obtain new tests and comparison performances.