



Copyright Thermocompact 2018

1. General specifications	4. Patents
2. Detailed characteristics	5. Tests and comparison performances
3. Usage recommended	6. Commercial and productivity gains

1. GENERAL SPECIFICATIONS

THERMO SWS® has a high elongation coefficient, a zinc coating of very high purity. Its technical characteristics provide homogeneity and high level of surface quality, in all machining conditions.

Due to its superior conductivity, **THERMO SWS®** is recommended for conical tapered cutting. It obtains high precision in machining complex parts with an angle of more than 7° and below 15°.

THERMO SWS® provides excellent surface finish in unfavorable conditions.

2. DETAILED CHARACTERISTICS

CORE:	Brass 63/37
COATING:	Zn
DIAMETER TOLERANCE:	
OVALISATION:	
TENSILE STRENGTH:	450 N/mm ²
YIELD STRENGTH:	
ELONGATION:	15%
CONDUCTIBILITY:	25% IACS

3. USAGE RECOMMENDED

USE ON MACHINE : GFMS Agie Charmilles Cut 200

USAGE RECOMMENDED: Fine mechanic, molds.

4. PATENTS


EP 1 379 353

US 8 519 294

Manufactured in Europe by Thermocompact

5. TESTS AND COMPARISON PERFORMANCES

THERMO SWS® provides high quality and homogeneity. This wire is suitable for taper cuts of angles above 7° and below 15°.



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