



A SUBSIDIARY OF HALCOR S.A.

53rd km Athens-Lamia National Road, GR-320 11, Inofita-Viotia, GREECE
Tel.: +30 22620 53158, Fax: +30 22620 53139
e-mail: info@fitco.vionet.gr - <http://www.fitco.gr>

SOFIA MED

A SUBSIDIARY OF HALCOR S.A.

4 Dimitar Peshev str., Gara Iskar, 1528 Sofia, BULGARIA
Tel.: +359 2 960 6209, +359 2 960 6350, Fax: +359 2 960 6393
e-mail: info@sofiamed.bg, <http://www.sofiamed.bg>

METAL AGENCIES LIMITED

Suite 4, Cobb House, 2-4 Oyster Lane, Byfleet, Surrey KT14 7DU, UNITED KINGDOM
Tel.: + 44 1932 33 11 11, Fax: + 44 1932 33 11 90
<http://www.metalagencies.com>

GENECOS S.A.

19, Rue de Passy, 750 16 Paris, FRANCE
Tel.: + 33 1 4527 0754, Fax: + 33 1 4527 0708
e-mail: genecos@genecos.vionet.gr

MKC

Metall KundenCenter GmbH
Ursulastraße 33-41, 50354 Hürth, GERMANY
Tel.: +49 2233-79030, Fax: +49 2233-7903 39
e-mail: info@metallkc.de

TEPRO METALL Vertriebs GmbH

Ursulastraße 33-41, 50354 Hürth, GERMANY
Tel.: +49 (2233) 7903 61, Fax: +49 (2233) 7903 66

ALURAME Srl

V.Le Colleoni 1-PaL. Taurus
20041 Agrate - Brianza (Mi), ITALY
Tel: +39 (039) 6420111, Fax: +39 (039) 6420150

STEELMET S.A.

119 Probuda street, IlIENTZI, 1220 Sofia, BULGARIA
Tel.: + 359 2 921 9111, Fax: + 359 2 931 1239
e-mail: steelmet@mail.orbitel.bg

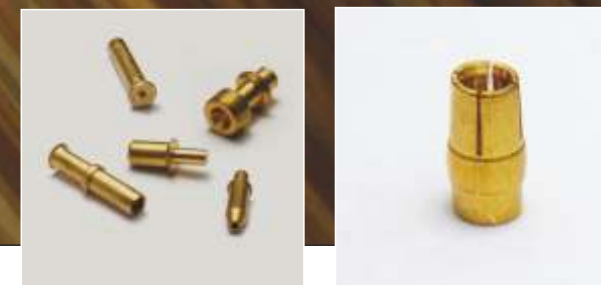
STEELMET ROMANIA S.A.

42 Drumul intre Tarlale street, 3rd sector, 73644 Bucharest, ROMANIA
Tel.: + 40 21 209 0570, Fax: + 40 21 256 1464
e-mail: office@steelmet.ro

BASE METALS

Barbaros Mah. Ihlamur Sok. No:1 D:46 My Prestige Atasehir Istanbul - Turkey
Tel: (+90)216 688 76 40-44, Fax: (+90) 216 688 76 18

Unit Creative



BRASS WIRES

Antimicrobial
Copper





FITCO, a subsidiary of HALCOR S.A., produces copper alloy products and engages in international trade, as it exports 80% of its production.

FITCO is a leader in the Greek market and keeps investing in research and know-how for the production of innovative products. The company employs highly trained and specialized staff and uses state-of-the-art mechanical equipment, thus producing high specification and top quality products. It is certified according to ISO 9001:2008 and is committed to promoting technological development and environmental protection. It also has an Environmental Management System and a Health and a Safety System in place, which are certified according to ISO 14001:2004 and OHSAS 18001:2007, respectively.

FITCO aims to fully satisfy its customers by responding to their needs promptly and offering technical support through its trading network, which has a presence in over 50 countries globally. By combining its proven experience, size, know-how and highly trained staff, the company has managed to place copper alloy products at the service of people.



PRODUCT POSITIONING

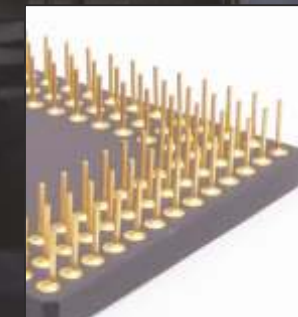
FITCO produces brass wires of superior quality-bright annealed included-lead or not.

Brass leaded wires give to the end-user a wide choice of optimum combinations regarding machinability & formability & ductility to suit almost all needs. Mainly used for parts construction in various fields such as:


- Electrical/electronic engineering
- Automotive industry.
- Shipbuilding.
- Aircrafts industry.
- Chemical industry.
- Watches and ball-pen tips.
- Engineering as screws ,nuts, nails, rivets, pins.

Unleaded alloys such CW 508L are the most ductile and thus suitable for severe cold forming procedures. Mainly used for:


- Jewellery, popular art items.
- Lighting, furniture and interior decoration in general.
- Clothing and shoe industry as rivets and nails.
- Musical instrumentation as strings.



ALLOYS/ STANDARDS					
ALLOY DESIGNATION ACCORDING TO EUROPEAN STANDARD EN 12166	ASTM REFERENCE	PREVIOUS NATIONAL STANDARD REFERENCE			
SYMBOL	SYMBOL UNS	AFNOR NFA51-105	DIN 17660	BRITISH STANDARD	UNI EN 12166
CW507L	C27000	CuZn36	2.0335 CuZn36	2873 - CZ108	
CW508L	C27200	CuZn37	2.0321 CuZn37	2873 - CZ108	5707-65
CW509L	C28000	CuZn40	2.0360 CuZn40	2873 - CZ109	
CW601N	C34500	CuZn35Pb2	2.0331 CuZn35Pb2	Cz131 Cz119	
CW603N	C36000	CuZn35Pb3 CuZn36Pb3	2.0375 CuZn36Pb3	2873 - CZ124	
CW608N	C37700	CuZn38Pb2	CuZn38Pb2	2873 - CZ128	5706-65 CuZn38Pb2
CW612N	C37700	CuZn39Pb2	2.0380 CuZn39Pb2	2873 - CZ128	
CW614N	C38500	CuZn39Pb3	2.0401 CuZn39Pb3	2873 - CZ121	
CW617N	C38000	CuZn40Pb2	2.0402 CuZn40Pb2	2873 - CZ120	

DIMENSIONS		
ALLOY	PACKAGING	 [mm]
CW507L	coils	0.80 < D < 6.00
	large coils	3.50 < D < 6.00
CW508L	coils	0.80 < D < 6.00
	large coils	3.50 < D < 6.00
CW509L	coils	0.80 < D < 6.00
	large coils	3.50 < D < 6.00
CW601N	coils	2.30 < D < 6.00
	large coils	3.50 < D < 6.00
CW603N	coils	2.30 < D < 6.00
	large coils	3.50 < D < 6.00
CW612N	coils	2.30 < D < 6.00
	large coils	3.50 < D < 6.00
CW614N	coils	2.30 < D < 6.00
	large coils	3.50 < D < 6.00
CW617N	coils	2.30 < D < 6.00
	large coils	3.50 < D < 6.00

FITCO is committed to superior quality of brass wire

DIMENSIONAL TOLERANCES		
DIMENSIONAL TOLERANCES BY SECTION		
DIMENSION		
[mm]	[mm]	EN 12166 CLASS
0.80 < D < 2.00	+ 0.0	E / h9
	-0.025	
2.00 < D < 4.00	+ 0.0	E / h9
	-0.025	
4.00 < D < 6.00	+ 0.0	E / h9
	-0.030	

Other alloys / cross - sections / dimensions
subject to prior agreement

QUALITY THROUGH EXPERIENCE

FITCO is committed to superior quality of brass wire and is the ideal partner for end users and stockists as well.

The company's plants are equipped with modern production lines and state-of-the art quality control devices for in-house inspection, aiming to improve continuously products and optimize a wide range of manufacturing processes, from metal casting to final finishing, offering high level of customer services beyond their expectations.

A rigorous and effective quality management system is implemented and independently assessed satisfying the requirements of international standards. The top management commitment, full product traceability and embracement of the critical-to-quality business processes to the quality system, are key-issues towards the achievement of challenging goals aiming to continuous improvement and customer satisfaction.

Furthermore, the company in the frame of continuous quality improvement and new product/process development, instituted close cooperation with high status and internationally respected research partners, such as ELKEME Hellenic Research Centre for Metals S.A. and Technical Universities.

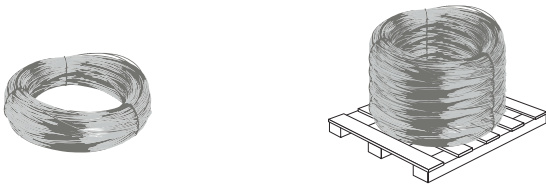
Through this integrated approach, customer support, ranging from the material/alloy selection to the final product manufacturing and application, including also the corresponding machining process, aims to constitute a complete technical and after sales service. Special projects, such as material/thermomechanical process design and characterization, failure investigation and damage analysis and prevention have been already successfully implemented.

The optimization of product performance, through the various manufacturing stages to the fabrication of the final components, is a perpetual process, aiming to improve quality and competitiveness, through the establishment of strict environmental control measures and contributing to the society welfare in a continuous growth regime.

PACKAGING

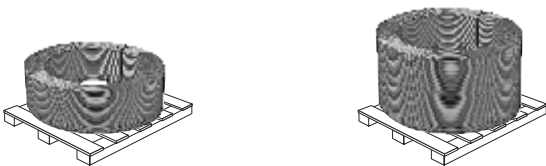
COILS

WIRE DIAMETER [mm]	INTERNAL [mm]	EXTERNAL [mm]	WEIGHT [kg]	
1.75 ≤ \varnothing < 8.0	400 / 500	700 / 800	30 - 90	
8.0 ≤ \varnothing ≤ 14.0	400 / 500	≈ 1 000	40 - 120	



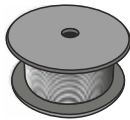
LARGE COILS

WIRE DIAMETER [mm]	INTERNAL [mm]	EXTERNAL [mm]	HEIGHT [mm]	WEIGHT [kg]
3.0 ≤ \varnothing ≤ 8.0	400 / 500	800 / 1000	200 / 300 / 450 / 500	500 / 1000 / 1500
8.0 < \varnothing ≤ 14.0	600 / 700	970 / 1000 / 1050	200 / 300 / 450 / 550	500 / 1000 / 1500



SPOOLS

WIRE DIAMETER [mm]	INTERNAL [mm]	EXTERNAL [mm]	WIDTH [mm]	WEIGHT [kg]
3.0 ≤ \varnothing ≤ 14.0	625	1000	520	1000 / 1500



Other packages subject to prior agreement

