

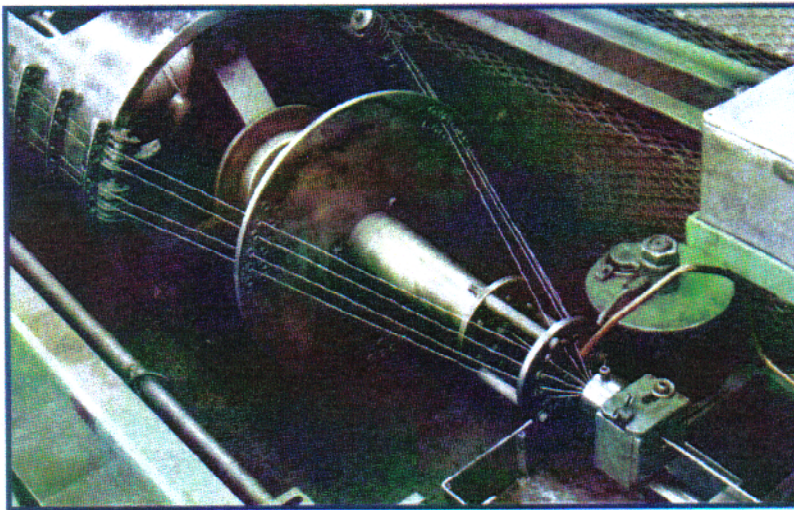


OMEGA WIRE LTD

Part of the Knight Group

STRANDED RESISTANCE WIRES

- * Omega Wire Ltd is a manufacturer of quality resistance wires, tapes and stranded wires.
- * Omega has been producing stranded and bunched resistance wires for over 30 years.
- * Strands of 7, 19, 37 and 49 construction are produced as standard in a wide range of resistance alloys. Many strand sizes are available ex-stock. Other strand configurations are available to order.
- * In-house manufacture of materials to resistance and lay length, inclusive of heat treatment and winding of set length spools, ensures that Omega can meet customers' specific requirements.



ALLOY	STANDARD STRAND CONSTRUCTION (mm)	RESISTANCE (Ohms/m)
NiCr 80/20	19 x 0.544	0.233 - 0.269
NiCr 80/20	19 x 0.61 (KING 0.71)	0.205 - 0.250
NiCr 80/20	19 x 0.523 (KING 0.574)	0.276 - 0.306
NiCr 80/20	37 x 0.381 (KING 0.508)	0.248 - 0.302
NiCr 60/16	19 x 0.508	0.286 - 0.318
NiCr 60/16	19 x 0.523 (KING 0.574)	0.276 - 0.304
NiMn2%	7 x 0.914	0.022 - 0.027
NiMn2%	19 x 0.61 (KING 0.71)	0.019 - 0.026

Other typical alloys are ICA 135/145 and Nickel 200

Omega is part of the Knight Group of Companies specialising in the manufacture and supply of precision metals to industry. Omega Wire is certified to ISO 9001:2000, AS 9100 and AS9120. Group revenues exceed £20 million, and materials are exported worldwide to distinguished customers such as Rolls Royce, BAe, Airbus, Glaxo, Ministry of Defence.



KNIGHT PRECISION WIRE LTD

incorporating



OMEGA WIRE LTD

Part of the Knight Group of companies

The Group

The Knight group is a family owned group of companies specialising in the processing and supply of precision metals to industry. The Group:

- * trades internationally in 33 countries worldwide
- * has group revenues exceeding £20m per annum
- * operates in industries where quality and service are essential: aerospace, medical, defence, nuclear
- * operates quality systems to ISO 9001:2000, AS 9100, AS 9120, MDA and CE mark approvals.
- * serves distinguished customers, such as Rolls Royce, BAe, Airbus, British Nuclear Fuels, MoD, Glaxo, NHS.

The Companies

Key companies of the Group are:

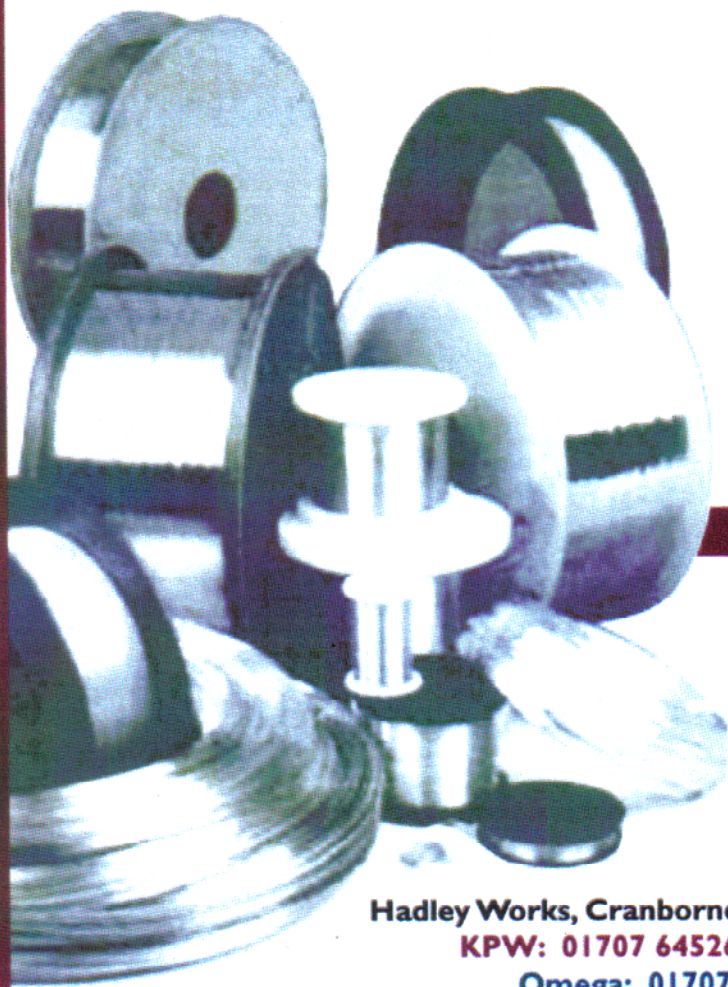
- * Knight Precision Wire - manufacturer and stockist of high quality wires
- * Omega Wire - manufacturer and stockist of resistance wires, strand and special alloys
- * KC Smith - stockist of orthodontic and medical wires
- * Knight Strip Metals - strip metal processing and stockholders

Service Capability

- * high quality
- * reliable supply
- * quick production
- * JIT and customer stock management
- * large stocks of specialised wire
- * product development to meet customers' specific requirements
- * technical advice
- * small/medium orders

Processing Capability

- * wire drawing and annealing
- * flat wire rolling, square wire, shaped wire
- * straightening and cut to length
- * stranding
- * spooling, coiling
- * cleaning (vapour, vibro, ultrasound)



Hadley Works, Cranborne Road, Potters Bar, Hertfordshire EN6 3JL

KPW: 01707 645261 www.knight-precision-wire.co.uk

Omega: 01707 620111 www.omega-wire.com



KNIGHT PRECISION WIRE LTD

Product Range

STAINLESS STEEL 302 / 304
316, 316L, 316LVM
321, Aerospace DTD189A, S205
420, 17/7 PH

CARBON STEEL high/low carbon
music wire

NICKEL ALLOY pure nickel 200
monel 400
inconel 600, X750
nimonic

COPPER ALLOY copper
brass
phosphor bronze
beryllium copper
nickel silver

OTHERS titanium
aluminium



FORMS: round, flat, shaped wire
in coils, spools, straight lengths

Applications

springs & clips
braiding, knitting
locking wire
fasteners
locks
ropes

wireforms
implant medical wire
orthodontics
switches, contacts
jewelry
connector pins

Industries

Aerospace
Electronics
Medical/Orthodontics
Automotive
Nuclear
General Engineering
Marine Engineering
Chemical & Food Processing

OMEGA WIRE LTD

Product Range

NICKEL CHROMIUM 60/16
80/20

COPPER NICKEL CuNi 44 (Hecnum)
CuNi 30

NICKEL ALLOYS monel 400, K500
nickel 200, 212

GLASS SEAL ALLOYS Nilo 48
Nilo K

IRON CHROME AL ICA 135/ ICA 145

FORMS: wire, ribbon, strip, stranded wires
in coils, spools or straight lengths



Applications

furnace components
valves and lamps
thermostats
chemical processing equipment
resistance wires
heat treatment equipment
glass to metal seals
heating elements
hot wire cutting
bag sealing

Industries

Furnace manufacture
Heat treatment
Packaging
Electronics
Lighting
Chemical
Electrical equipment

**KPW and Omega are ready to discuss your
wire requirements, and to deliver to you
cost effective solutions.**

Tell us about your special or fine wire requirements.