

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

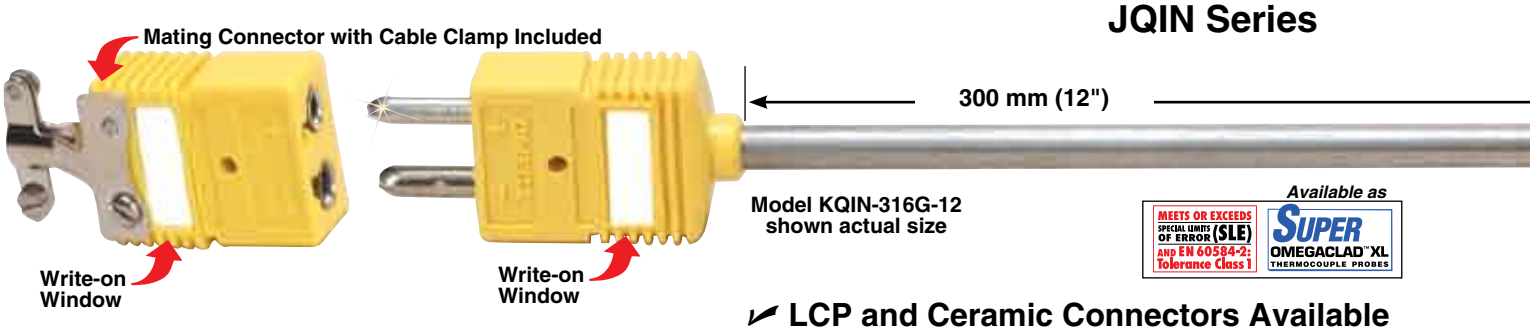
All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Visit our website - *Click HERE*

Quick Disconnect Thermocouples

with Low Cost Standard Size Connector Molded to Probe Sheath—Metric and Standard Dimensions

JQIN Series



Model KQIN-316G-12 shown actual size

Available as

MEETS OR EXCEEDS SPECIAL LIMITS OF ERROR (SLE) AND EN 60584-2: Tolerance Class 1

SUPER OMEGACLAD™ XL THERMOCOUPLE PROBES

- Male Connector Permanently Molded to Probe Sheath
- Standard Size, Color-Coded Connector Body
- Choice of 304, 310, 316, 321 SS Inconel® or Super OMEGACLAD® XL Sheath

- LCP and Ceramic Connectors Available
- Withstands Vibration, High Temperature and High Pressure
- Connector Body Rated From -29 to 180°C (-20 to 356°F)

Note: *Minor discoloration of connector may occur between 150°C (302°F) and 180°C (356°F). Electrical properties are not affected.*

Metric Dimension - Standard Quick Disconnect Probes

To Order

Alloy/ANSI Color Code	Sheath Dia. mm	Model No. 300 mm Length	Model No. 450 mm Length	Model No. 600 mm Length
Iron- Constantan Inconel Sheath J	1.5	JQIN-M15(*)-300	JQIN-M15(*)-450	JQIN-M15(*)-600
	3.0	JQIN-M30(*)-300	JQIN-M30(*)-450	JQIN-M30(*)-600
	4.5	JQIN-M45(*)-300	JQIN-M45(*)-450	JQIN-M45(*)-600
	6.0	JQIN-M60(*)-300	JQIN-M60(*)-450	JQIN-M60(*)-600
Iron- Constantan 304 SS Sheath J	1.5	JQSS-M15(*)-300	JQSS-M15(*)-450	JQSS-M15(*)-600
	3.0	JQSS-M30(*)-300	JQSS-M30(*)-450	JQSS-M30(*)-600
	4.5	JQSS-M45(*)-300	JQSS-M45(*)-450	JQSS-M45(*)-600
	6.0	JQSS-M60(*)-300	JQSS-M60(*)-450	JQSS-M60(*)-600
CHROMEGA®-ALOMEGA® Inconel Sheath K	1.5	KQIN-M15(*)-300	KQIN-M15(*)-450	KQIN-M15(*)-600
	3.0	KQIN-M30(*)-300	KQIN-M30(*)-450	KQIN-M30(*)-600
	4.5	KQIN-M45(*)-300	KQIN-M45(*)-450	KQIN-M45(*)-600
	6.0	KQIN-M60(*)-300	KQIN-M60(*)-450	KQIN-M60(*)-600
CHROMEGA®- ALOMEGA® 304 SS Sheath K	1.5	KQSS-M15(*)-300	KQSS-M15(*)-450	KQSS-M15(*)-600
	3.0	KQSS-M30(*)-300	KQSS-M30(*)-450	KQSS-M30(*)-600
	4.5	KQSS-M45(*)-300	KQSS-M45(*)-450	KQSS-M45(*)-600
	6.0	KQSS-M60(*)-300	KQSS-M60(*)-450	KQSS-M60(*)-600
CHROMEGA®-ALOMEGA® Super OMEGACLAD® XL Sheath K	1.5	KQXL-M15(*)-300	KQXL-M15(*)-450	KQXL-M15(*)-600
	3.0	KQXL-M30(*)-300	KQXL-M30(*)-450	KQXL-M30(*)-600
	4.5	KQXL-M45(*)-300	KQXL-M45(*)-450	KQXL-M45(*)-600
	6.0	KQXL-M60(*)-300	KQXL-M60(*)-450	KQXL-M60(*)-600
OMEGA-P®-OMEGA-N® Super OMEGACLAD® XL Sheath N	1.5	NQXL-M15(*)-300	NQXL-M15(*)-450	NQXL-M15(*)-600
	3.0	NQXL-M30(*)-300	NQXL-M30(*)-450	NQXL-M30(*)-600
	4.5	NQXL-M45(*)-300	NQXL-M45(*)-450	NQXL-M45(*)-600
	6.0	NQXL-M60(*)-300	NQXL-M60(*)-450	NQXL-M60(*)-600
CHROMEGA®- Constantan Inconel Sheath E	1.5	EQIN-M15(*)-300	EQIN-M15(*)-450	EQIN-M15(*)-600
	3.0	EQIN-M30(*)-300	EQIN-M30(*)-450	EQIN-M30(*)-600
	4.5	EQIN-M45(*)-300	EQIN-M45(*)-450	EQIN-M45(*)-600
	6.0	EQIN-M60(*)-300	EQIN-M60(*)-450	EQIN-M60(*)-600
CHROMEGA®- Constantan 304 SS Sheath E	1.5	EQSS-M15(*)-300	EQSS-M15(*)-450	EQSS-M15(*)-600
	3.0	EQSS-M30(*)-300	EQSS-M30(*)-450	EQSS-M30(*)-600
	4.5	EQSS-M45(*)-300	EQSS-M45(*)-450	EQSS-M45(*)-600
	6.0	EQSS-M60(*)-300	EQSS-M60(*)-450	EQSS-M60(*)-600
Copper- Constantan Inconel Sheath T	1.5	TQIN-M15(*)-300	TQIN-M15(*)-450	TQIN-M15(*)-600
	3.0	TQIN-M30(*)-300	TQIN-M30(*)-450	TQIN-M30(*)-600
	4.5	TQIN-M45(*)-300	TQIN-M45(*)-450	TQIN-M45(*)-600
	6.0	TQIN-M60(*)-300	TQIN-M60(*)-450	TQIN-M60(*)-600
Copper- Constantan 304 SS Sheath T	1.5	TQSS-M15(*)-300	TQSS-M15(*)-450	TQSS-M15(*)-600
	3.0	TQSS-M30(*)-300	TQSS-M30(*)-450	TQSS-M30(*)-600
	4.5	TQSS-M45(*)-300	TQSS-M45(*)-450	TQSS-M45(*)-600
	6.0	TQSS-M60(*)-300	TQSS-M60(*)-450	TQSS-M60(*)-600

*** Specify junction type: **G** (Grounded), **E** (Exposed), **U** (Ungrounded). **To order with 310 SS, 316 SS or 321 SS sheath**, change "**SS**" in model number to "**310SS**", "**316SS**" or "**321SS**" respectively. Consult Sales for lengths between 50 and 300 mm or for lengths over 600 mm.*

***Type N Inconel Sheathing is available, Contact Sales for model numbers.** No additional charge.*

***Ordering Example: KQSS-M30U-300**, molded junction quick disconnect probe, Type K (CHROMEGA®-ALOMEGA®), 304SS sheath, 3 mm OD, ungrounded junction, 300 mm length.*

Junction Types



Discount Schedule	
1-10	Net
11-24	10%
25-49	15%
50 and over	Consult Sales



The OMEGA® quick disconnect molded thermocouple assemblies are available with sheath diameters of 1.5, 3, 4.5 and 6 mm (1/16, 1/8, 3/16 and 1/4") in standard 300, 450 and 600 mm (12, 18 and 24") nominal lengths. Custom lengths are also available, consult sales for details.



Made from Special Limits of Error OMEGACLAD® wire. Probes can be bent to between 2 and 3 times the diameter

Standard Dimension - Standard Quick Disconnect Probes

To Order

Alloy/ANSI Color Code	Sheath Dia. in.	Model No. 12" Length	Model No. 18" Length	Model No. 24" Length
Iron- Constantan Inconel Sheath **J**	1/16 1/8 3/16 1/4	JQIN-116(*)-12 JQIN-18(*)-12 JQIN-316(*)-12 JQIN-14(*)-12	JQIN-116(*)-18 JQIN-18(*)-18 JQIN-316(*)-18 JQIN-14(*)-18	JQIN-116(*)-24 JQIN-18(*)-24 JQIN-316(*)-24 JQIN-14(*)-24
Iron- Constantan 304 SS Sheath **J**	1/16 1/8 3/16 1/4	JQSS-116(*)-12 JQSS-18(*)-12 JQSS-316(*)-12 JQSS-14(*)-12	JQSS-116(*)-18 JQSS-18(*)-18 JQSS-316(*)-18 JQSS-14(*)-18	JQSS-116(*)-24 JQSS-18(*)-24 JQSS-316(*)-24 JQSS-14(*)-24
CHROMEGA®-ALOMEGA® Inconel Sheath **K**	1/16 1/8 3/16 1/4	KQIN-116(*)-12 KQIN-18(*)-12 KQIN-316(*)-12 KQIN-14(*)-12	KQIN-116(*)-18 KQIN-18(*)-18 KQIN-316(*)-18 KQIN-14(*)-18	KQIN-116(*)-24 KQIN-18(*)-24 KQIN-316(*)-24 KQIN-14(*)-24
CHROMEGA®- ALOMEGA® 304 SS Sheath **K**	1/16 1/8 3/16 1/4	KQSS-116(*)-12 KQSS-18(*)-12 KQSS-316(*)-12 KQSS-14(*)-12	KQSS-116(*)-18 KQSS-18(*)-18 KQSS-316(*)-18 KQSS-14(*)-18	KQSS-116(*)-24 KQSS-18(*)-24 KQSS-316(*)-24 KQSS-14(*)-24
CHROMEGA®-ALOMEGA® Super OMEGACLAD® XL Sheath **K**	1/16 1/8 3/16 1/4	KQXL-116(*)-12 KQXL-18(*)-12 KQXL-316(*)-12 KQXL-14(*)-12	KQXL-116(*)-18 KQXL-18(*)-18 KQXL-316(*)-18 KQXL-14(*)-18	KQXL-116(*)-24 KQXL-18(*)-24 KQXL-316(*)-24 KQXL-14(*)-24
OMEGA-P®-OMEGA-N® Super OMEGACLAD® XL Sheath **N**	1/16 1/8 3/16 1/4	NQXL-116(*)-12 NQXL-18(*)-12 NQXL-316(*)-12 NQXL-14(*)-12	NQXL-116(*)-18 NQXL-18(*)-18 NQXL-316(*)-18 NQXL-14(*)-18	NQXL-116(*)-24 NQXL-18(*)-24 NQXL-316(*)-24 NQXL-14(*)-24
CHROMEGA®- Constantan Inconel Sheath **E**	1/16 1/8 3/16 1/4	EQIN-116(*)-12 EQIN-18(*)-12 EQIN-316(*)-12 EQIN-14(*)-12	EQIN-116(*)-18 EQIN-18(*)-18 EQIN-316(*)-18 EQIN-14(*)-18	EQIN-116(*)-24 EQIN-18(*)-24 EQIN-316(*)-24 EQIN-14(*)-24
CHROMEGA®- Constantan 304 SS Sheath **E**	1/16 1/8 3/16 1/4	EQSS-116(*)-12 EQSS-18(*)-12 EQSS-316(*)-12 EQSS-14(*)-12	EQSS-116(*)-18 EQSS-18(*)-18 EQSS-316(*)-18 EQSS-14(*)-18	EQSS-116(*)-24 EQSS-18(*)-24 EQSS-316(*)-24 EQSS-14(*)-24
Copper- Constantan Inconel Sheath **T**	1/16 1/8 3/16 1/4	TQIN-116(*)-12 TQIN-18(*)-12 TQIN-316(*)-12 TQIN-14(*)-12	TQIN-116(*)-18 TQIN-18(*)-18 TQIN-316(*)-18 TQIN-14(*)-18	TQIN-116(*)-24 TQIN-18(*)-24 TQIN-316(*)-24 TQIN-14(*)-24
Copper- Constantan 304 SS Sheath **T**	1/16 1/8 3/16 1/4	TQSS-116(*)-12 TQSS-18(*)-12 TQSS-316(*)-12 TQSS-14(*)-12	TQSS-116(*)-18 TQSS-18(*)-18 TQSS-316(*)-18 TQSS-14(*)-18	TQSS-116(*)-24 TQSS-18(*)-24 TQSS-316(*)-24 TQSS-14(*)-24

** Specify junction type: **G** (Grounded), **E** (Exposed), **U** (Ungrounded).*

To order with 310, 316 or 321 SS sheath**, change "**SS**" in model number to "**310SS**", "**316SS**" or "**321SS**" respectively; no additional charge. Consult Sales for lengths between 2 to 12", or for lengths over 24". **Type N Inconel Sheathing is available, Contact Sales for part numbers.

***Ordering Example: KQSS-18U-12**, molded junction quick disconnect probe, type K (CHROMEGA®-ALOMEGA®), 304SS sheath, 1/8" OD, ungrounded junction, 12" length.*

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP