

TJ PROBES

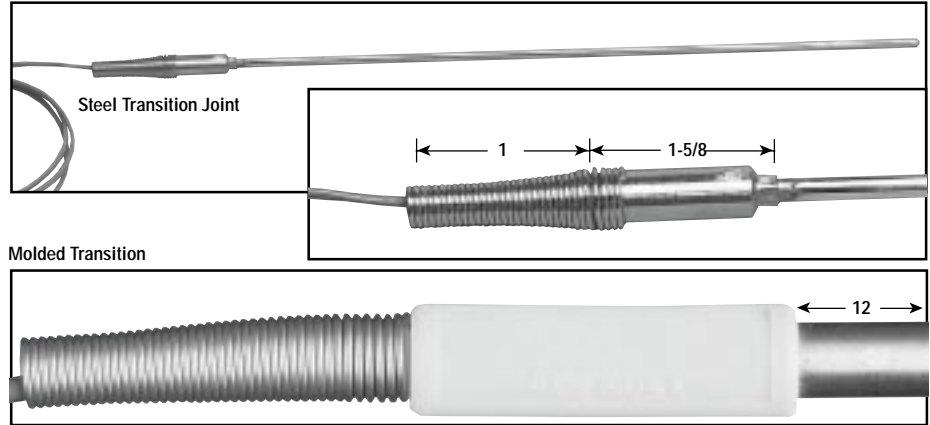
Steel Joint or Molded Transition

- 12, 18 and 24" Lengths Standard - For Different Length, Remove 12 from Model Number and Insert Desired Length
- 304 SS or INCONEL® Sheath
- Molded Junction Rated to 425°F (218°C)
- Stripped Lead Wire Termination
- Available with PFA Teflon® Coating
- 36" Teflon® Coated Stranded Lead Wire: 20 AWG for 1/4 and 3/16" O.D., 24 AWG for 1/8 and 1/16" O.D. Probes. Rated 400-450F. Higher Temp Lead Wire Available

In Stock:

Model	PCN
JTSS-18G-12/C	327011
JTSS-14G-12/C	327020
KTSS-18G-12/C	327038
KTSS-14G-12/C	327046
TJ36-ICSS-116G-12/C	327054
TJ36-ICSS-116U-12/C	327062
TJ36-ICSS-18U-6/C	308259
TJ36-ICSS-18G-12/C	327070
TJ36-ICSS-18U-12/C	308267
TJ36-ICSS-18U-18/C	308275
TJ36-ICSS-316U-6/C	308283
TJ36-ICSS-316U-12/C	308291
TJ36-ICSS-316U-18/C	308304
TJ36-ICSS-14U-6/C	308312
TJ36-ICSS-14U-12/C	308320
TJ36-ICSS-14U-18/C	308339
TJ36-CASS-18U-6/C	308400
TJ36-CASS-18G-12/C	327089
TJ36-CASS-18U-12/C	308419
TJ36-CASS-18U-18/C	308427
TJ36-CASS-316U-6/C	308435
TJ36-CASS-316U-12/C	308443
TJ36-CASS-316U-18/C	308451
TJ36-CASS-14U-6/C	308460
TJ36-CASS-14G-12/C	327097
TJ36-CASS-14U-12/C	308478
TJ36-CASS-14U-18/C	308486

Dimensions (Inches)



U.S. and International Patents

Description

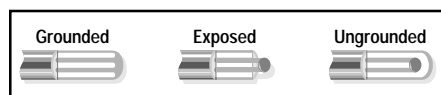
The Heavy Duty Transition Joint Probes offer convenient termination to Teflon® coated lead wire. The transition joint is 1-5/8" long, with a 1" spring for strain relief. The joint diameter is 1/4" for 1/16 and 1/8" dia. probes; 3/8" for 3/16 and 1/4" dia. probes. Thermocouple molded assemblies with transition joints, of molded glass-filled nylon, provide an economical yet durable thermocouple probe for a variety of

sensing applications. The measuring tip is limited only by thermocouple type and sheath material. Stainless steel sheaths have a maximum temperature of 1650°F (898°C) with INCONEL® 600 rated to 2100°F (1148°C).

Ordering Information — Molded Transition

Thermocouple Alloy	Sheath Dia. (In.)	Model 12" Length
Iron-Constantan INCONEL® Sheath	1/16	JTIN-116(°)-12/C
	1/8	JTIN-18(°)-12/C
	3/16	JTIN-316(°)-12/C
	1/4	JTIN-14(°)-12/C
Iron-Constantan 304 SS Sheath	1/16	JTSS-116(°)-12/C
	1/8	JTSS-18(°)-12/C
	3/16	JTSS-316(°)-12/C
	1/4	JTSS-14(°)-12/C
Chromel-Alumel INCONEL® Sheath	1/16	KTIN-116(°)-12/C
	1/8	KTIN-18(°)-12/C
	3/16	KTIN-316(°)-12/C
	1/4	KTIN-14(°)-12/C
Chromel-Alumel 304 SS Sheath	1/16	KTSS-116(°)-12/C
	1/8	KTSS-18(°)-12/C
	3/16	KTSS-316(°)-12/C
	1/4	KTSS-14(°)-12/C
Chromel-Constantan INCONEL® Sheath	1/16	ETIN-116(°)-12/C
	1/8	ETIN-18(°)-12/C
	3/16	ETIN-316(°)-12/C
	1/4	ETIN-14(°)-12/C
Chromel-Constantan 304 SS Sheath	1/16	ETSS-116(°)-12/C
	1/8	ETSS-18(°)-12/C
	3/16	ETSS-316(°)-12/C
	1/4	ETSS-14(°)-12/C
Copper-Constantan INCONEL® Sheath	1/16	TTIN-116(°)-12/C
	1/8	TTIN-18(°)-12/C
	3/16	TTIN-316(°)-12/C
	1/4	TTIN-14(°)-12/C
Copper-Constantan 304 SS Sheath	1/16	TTSS-116(°)-12/C
	1/8	TTSS-18(°)-12/C
	3/16	TTSS-316(°)-12/C
	1/4	TTSS-14(°)-12/C

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



Model No. Breakdown
 TJ36 - ICIN - 116U - 12/C
 Length TC Type Probe OD length of leadwire of probe

Steel Transition

Thermocouple Alloy	Sheath Dia. (In.)	Model 12" Length
Iron-Constantan INCONEL® Sheath	1/16	TJ36-ICIN-116(°)-12/C
	1/8	TJ36-ICIN-18(°)-12/C
	3/16	TJ36-ICIN-316(°)-12/C
	1/4	TJ36-ICIN-14(°)-12/C
Iron-Constantan 304 SS Sheath	1/16	TJ36-ICSS-116(°)-12/C
	1/8	TJ36-ICSS-18(°)-12/C
	3/16	TJ36-ICSS-316(°)-12/C
	1/4	TJ36-ICSS-14(°)-12/C
Chromel-Alumel INCONEL® Sheath	1/16	TJ36-CAIN-116(°)-12/C
	1/8	TJ36-CAIN-18(°)-12/C
	3/16	TJ36-CAIN-316(°)-12/C
	1/4	TJ36-CAIN-14(°)-12/C
Chromel-Alumel 304 SS Sheath	1/16	TJ36-CASS-116(°)-12/C
	1/8	TJ36-CASS-18(°)-12/C
	3/16	TJ36-CASS-316(°)-12/C
	1/4	TJ36-CASS-14(°)-12/C
Chromel-Constantan INCONEL® Sheath	1/16	TJ36-CXIN-116(°)-12/C
	1/8	TJ36-CXIN-18(°)-12/C
	3/16	TJ36-CXIN-316(°)-12/C
	1/4	TJ36-CXIN-14(°)-12/C
Chromel-Constantan 304 SS Sheath	1/16	TJ36-CXSS-116(°)-12/C
	1/8	TJ36-CXSS-18(°)-12/C
	3/16	TJ36-CXSS-316(°)-12/C
	1/4	TJ36-CXSS-14(°)-12/C
Copper-Constantan INCONEL® Sheath	1/16	TJ36-CPIN-116(°)-12/C
	1/8	TJ36-CPIN-18(°)-12/C
	3/16	TJ36-CPIN-316(°)-12/C
	1/4	TJ36-CPIN-14(°)-12/C
Copper-Constantan 304 SS Sheath	1/16	TJ36-CPSS-116(°)-12/C
	1/8	TJ36-CPSS-18(°)-12/C
	3/16	TJ36-CPSS-316(°)-12/C
	1/4	TJ36-CPSS-14(°)-12/C
Nicrosil-Nisil INCONEL® Sheath	1/16	TJ36-NNIN-116(°)-12/C
	1/8	TJ36-NNIN-18(°)-12/C
	3/16	TJ36-NNIN-316(°)-12/C
	1/4	TJ36-NNIN-14(°)-12/C

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