ROMAC INDUSTRIES, INC.

STYLE TC400
STEEL TRANSITION COUPLING

MATERIAL SPECIFICATIONS

CENTER RINGS: Beveled, flared or formed carbon steel with minimum yield of 30,000 PSI.

END RINGS: Contoured rolled mill section carbon steel. End ring thickness determined by pipe O.D. and pressure rating.

GASKETS: Compounded for water and sewer service. Meets the requirements of AWWA C219 and ASTM D2000. Other compounds available on request.

COATING: Romac shopcoat for corrosion protection in transit.

BOLTS AND NUTS: Trackhead bolts, heavy hex nuts, 5/8" UNC rolled thread, high strength, low alloy corrosion-resistant steel per AWWA C111. Threads protected with plastic caps on bolt ends.

SPECIALS: Additional center ring lengths and thicknesses, linings, coatings, and diameters available. Prices and availability on request.

OPTION: For other options and specifications, see page 3-25 & 3-26.

USE: To connect pipes of different known outside diameters within the same nominal size. When the specific O.D.s are not known, limited ranges can be accommodated. The maximum pipe O.D. difference is 1.00".

NSF61 certified.

MEETS AWWA C219

MADE IN U.S.A.

Romac offers three transition gaskets. Each gasket will accommodate a specific range below the maxiumum pipe diameter for which the coupling was designed. Each gasket is marked with its portion of the range. You measure the pipe and use the gasket that has the pipe O.D. within its range and discard the other TC gaskets. Note: TC gaskets can be used in most Romac's 400 series couplings.

EXAMPLE:
14" AC x 14" DIP - TC400 (15.30 - 16.30) x (15.30 - 15.69)

GASKET STYLE	PIPE O.D. RANGE	GASKET RANGE
TC I	0.00" - 0.22"	0.22"
TC II	0.23" - 0.60"	0.37"
TC III	0.61" - 1.00"	0.39"

STYLE TC400 STEEL TRANSITION COUPLINGS FOR COMMON APPLICATIONS

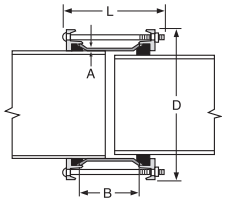
TC400 COUPLINGS CAN BE MANUFACTURED WITH RANGES ON BOTH ENDS.
FOR SIZES AND RANGES NOT SHOWN, CONTACT ROMAC CUSTOMER SERVICE.

NOM. PIPE SIZE	PIPE SIZES (in.)			CENTER RING (A) × (B)	OVERALL DIMENSIONS (D) × (L)	BOLTS NO : SIZE	LIST PRICE	APPROX. WEIGHT (lbs.)
	ONE END	BY	OTHER END (RANGE)					
12"	TC400 - 13.20 TC400 - 13.50	x x	12.60 - 12.97 12.90 - 13.27	¼" x 7" [1] ¼" x 7" [1]	17.60" x 12" 17.90" x 12"	8: ⅝" x 11 ½" 8: ⅝" x 11 ½"		67 # 67 #
14"	TC400 - 15.65	x	15.05 - 15.42	¼" x 7" [1]	20.05" x 12"	10: ⅝" x 11 ½"		77 #
16"	TC400 - 17.80	x	17.20 - 17.57	¼" x 7" [1]	22.20" x 12"	10: ⅝" x 11 ½"	POA	84 #
18"	TC400 - 18.50 TC400 - 19.92	x x	17.90 - 18.27 19.32 - 19.69	¼" x 7" [1] ¼" x 7" [1]	22.90" x 12" 24.32" x 12"	10: ⅝" x 11 ½" 12: ⅝" x 11 ½"		92 # 100 #
20"	TC400 - 22.05	x	21.45 - 21.82	¼" x 7" [1]	26.46" x 12"	12: ⅝" x 11 ½"		104 #
24"	TC400 - 26.32	x	25.72 - 26.09	¼" x 7" [1]	30.72" x 12"	14: ⅝" x 11 ½"		122 #

[1] 10" center ring also available.
Other sizes available. Price on application.
For pipes smaller than 12", please refer to Romac Style "501" straight and transition couplings, page 3-2 in the catalog. For sizes larger than 24", consult your Romac representative.

DIMENSIONS

SEE "CENTER RING" AND "OVERALL DIMENSIONS" IN CHART ABOVE



A Center ring thickness
B Center ring length
D Overall coupling diameter
L **Overall coupling length**

WARNING: Flexible couplings do not provide protection against possible pullout of pipe ends in unrestrained conditions.
NO CANCEL, NO RETURN ITEM.

TO ORDER: Sizes shown above are for common connections only. Give exact pipe O.D.s when ordering.
EXAMPLE: One end: 17.80 O.D. Other end: 17.40 O.D. Order **TC400 - 17.80 x 17.40**
NOTE: Example is for specific pipe O.D.s. Where a range is required, contact your Romac representative for assistance.