

Figure 1

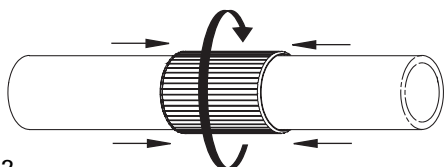


Figure 2

1. Square cut ends of both ducts and de-burr edges.
2. Insert ends of each duct into coupler. (Figure 1)
3. While securely holding each duct, rotate coupler by hand to begin threading and continue rotating clockwise until ducts become secured in coupler. (Figure 2)
4. Continue tightening with strap wrench or coupler tool until complete.

Note: To ensure proper installation, measure inside of coupler to center rib and mark this distance on duct as a visual aid.

Reverse-Threaded Couplers

Part No.	Product Descriptor	Size	Duct OD Range inches	mm	Color
835346	JM-COU-07CP108U	0.75	0.91 - 1.08	23.1 - 27.4	Black
E74717	JM-COU-10CP126U	1.0	1.15 - 1.25	29.2 - 31.7	Silver-Gray
233120	JM-COU-10CP142U	1.0	1.18 - 1.42	30.0 - 36.0	Aluminum
122552	JM-COU-11CP157U	1.125	1.40 - 1.57	35.6 - 39.9	Green
023476	JM-COU-12CP170U	1.25	1.48 - 1.70	37.6 - 43.2	Burgundy
884370	JM-COU-13CP185U	1.375	1.60 - 1.85	40.6 - 47.0	Champagne
322656	JM-COU-15CP200U	1.5	1.80 - 2.00	45.7 - 50.8	Navy Blue
858078	JM-COU-20CP252U	2.0	2.31 - 2.51	58.7 - 63.8	Bronze
165480	JM-COU-25CP307U	2.5	2.80 - 3.07	71.1 - 78.0	Brown
045566	JM-COU-40CP465U	4.0	4.41 - 4.65	112.0 - 118.1	Turquoise
D32327	JM-COU-40CP490U	4.00	4.65 - 4.90	118.1 - 124.5	Aqua

Reducers

022620	JM-COU-10CP142-157U	1.0/1.25	1.40 - 1.57 1.18 - 1.42	35.6 - 39.9 30.0 - 36.0	
8W9459	JM-COU-15CP157-190U	1.25/1.50	1.40 - 1.57 1.70 - 1.90	35.6 - 39.9 43.18 - 48.26	

S-Threaded Couplers

Part No.	Product Descriptor	Size	inches	mm	Color
A28845	JM-COU-05CP084S	0.50	0.84	21.3	Purple
F50644	JM-COU-11CP148S	1.125	1.48	37.6	Light Green
C92256	JM-COU-12CP152S	1.25	1.52	38.60	Red
R19231	JM-COU-11CP154S	1.125	1.54	39.12	Grass Green
108196	JM-COU-11CP157S	1.125	1.57	39.80	Green
103806	JM-COU-12CP166S	1.25	1.66	42.2	Burgundy
C43861	JM-COU-15CP190S	1.50	1.90	48.2	Marine Blue
818388	JM-COU-20CP238S	2.00	2.38	60.5	Bronze
C38357	JM-COU-25CP288S	2.50	2.87	73.0	Lt. Gold
238184	JM-COU-30CP350S	3.00	3.50	88.9	Orange

Barbed Couplers*

Part No.	Product Descriptor	Size	inches	mm	Color
790690	JM-COU-10CP132SB	1	1.315	33.40	Aluminum
A95320	JM-COU-12CP154SB	1.25	1.57	39.9	Red
299220	JM-COU-12CP162SB	1.25	1.62	41.1	Fuschia
810764	JM-COU-12CP166SB	1.25	1.66	42.2	Burgundy
877952	JM-COU-15CP182SB	1.5	1.82	46.2	Lt. Blue
432906	JM-COU-15CP190SB	1.5	1.90	48.3	Blue
D95658	JM-COU-15CP197SB	1.5	1.97	50.0	Dark Blue
565524	JM-COU-20CP238SB	2	2.375	60.3	Bronze

**A coupling press is needed for installation – refer to Tyco Electronics' Hydraulic Coupling Press for more details.*

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