

BCPL Couplings



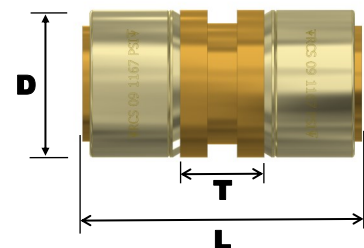
RCS couplings and reducers are permanent, flame-free, mechanically attached fittings, developed to bring modern refrigerant pipe fitting technology to the commercial refrigeration and HVAC industry. The installation of RCS axial-swage couplings and reducers is a simple repeatable mechanical pressing process designed as a one-person operation. Without the use of high temperature brazing methods, Nitrogen purging and fire watch is no longer required.

Refrigerant Coupling Systems, Inc. provides a safe, cost-effective, fast, and environmentally responsible method for the installation of copper refrigerant piping system.



Application	High Pressure HVAC/R
Rated Working Pressure	1500 Psi / 100 bar
Size Range O.D.	From 1/4" to 1-5/8"
Compatible Tubing	Seamless Copper Tubing, Hard Drawn H58, Light Drawn H55, or Annealed O60 made to ASTM B280 and ASTM B75 Standard
Certifications & Approvals	ETL Listed 5011885. Conforms to UL 207 STD. Certified to CSA STD C22.2#140.3
Approved Refrigerants	All CFC, HCFC, HFC, HFO, and class A2L refrigerants and refrigeration oils. The product is suitable for use with R744 (CO2) when used within the design pressure rating. The product is not suitable for use with ammonia, methyl chloride, hazardous or flammable refrigerants from Group 2 or 3 per ASHRAE 15.

TUBE SIZE Inches (mm)	PART NUMBER	L Inches (mm)	D Inches (mm)	T (Takeoff) Inches (mm)
1/4" (6.35)	BCPL-02	1.36 (34.5)	0.63 (16.0)	0.49 (12.4)
3/8" (9.52)	BCPL-03	1.36 (34.5)	0.63 (16.0)	0.49 (12.4)
1/2" (12.70)	BCPL-04	1.52 (38.5)	0.75 (19.0)	0.51 (12.9)
5/8" (15.88)	BCPL-05	1.85 (47.0)	0.91 (23.0)	0.57 (14.4)
3/4" (19.05)	BCPL-06	2.04 (51.8)	1.04 (26.4)	0.51 (12.9)
7/8" (22.22)	BCPL-07	2.22 (56.3)	1.22 (30.9)	0.53 (13.4)
1-1/8" (28.58)	BCPL-09	2.94 (74.8)	1.54 (39.0)	0.92 (23.3)
1-3/8" (34.92)	BCPL-11	3.06 (77.8)	1.81 (46.0)	0.88 (22.4)
1-5/8" (41.28)	BCPL-13	3.07 (78.1)	2.11 (53.5)	0.89 (22.6)



In a continuing effort to offer the best product possible, we reserve the right to change, without notice, specifications, and/or materials. Technical specification sheets appearing on refcouplingsys.com are the most recent data available.

WARNING: This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.



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