

Overview Specifications

TEST	SPECIFICATION
Pressure Rating	-10 PSI thru 125 PSI
Temperature Rating	-50°F thru 150°F
Connection Cycles Body	10,000 connections (before product should be replaced)
Connection Cycles O-ring (Lubricated Buna-N)	10,000 disconnections (before o-ring should be replaced)

Specifications for products with Nylon, Acetal, Stainless Steel, Buna-N, materials

Flow Rates Female Couplings

BARB SIZE	OPEN-FLOW FEMALE	SHUT-OFF FEMALE
1/4"	4.5 GPM	4 GPM
3/8"	5+ GPM	5.25 GPM
1/2"	5+ GPM	5.5 GPM

Tested with water, 60°F, 10PSI. Individual results may vary

Flow Rates Male Couplings

BARB SIZE	OPEN-FLOW MALE	SHUT-OFF MALE
1/4"	4.5	4.3
3/8"	4.5	5+
1/2"	5+	5+

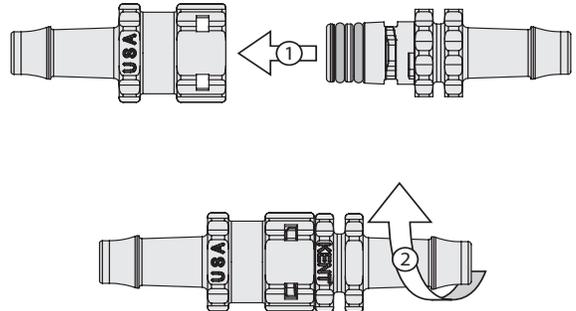
Tested with water, 60°F, 10PSI. Individual results may vary

Tubing Sizes

TUBE ID	BARB OD	BORE ID	TUBE ID RANGE
1/4" (8 mm)	.425"	.250"	.250" - .375"
3/8" (9.525 mm)	.129"	.450"	.360" - .390"
1/2" (12.7 mm)	.600"	.300"	.480" - .520"

*Note: Tubing can vary greatly in size and tolerance.
 Tube clamps should not be necessary if using quality tubing at reasonable pressures.*

SIMPLE TWIST TURN DESIGN



Single Barb Design

- No parting line helps prevent leak paths
- Does not require tube clamps

Hard Over-Turn Stop

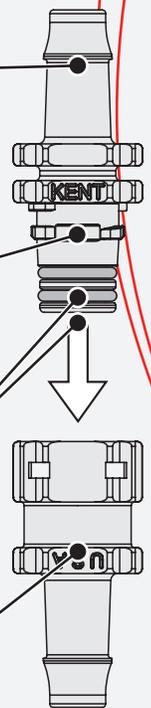
- Reduces risk of overturning and accidental disconnection

Double O-ring

- O-ring redundancy
- Easy to replace
- Easier connection

Single Piece Female Body

- Keeps product price low
- Great for disposable applications



MORE INFORMATION



KentSystems.com/Quick_Couplings_C3_QR.php

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