

Barb-Tech™ PQD Data Sheet

Take the **PUSH** Out of Push-Lock

BARB-TECH™

PUSH-LOCK ASSEMBLY TOOLS

Barb-Tech™ PQD is a portable and lightweight tool designed to streamline the assembly process of Quick Disconnect (QD) fittings commonly used in water systems within the plastic injection molding industry.

Featuring an optimized mandrel set, Barb-Tech™ PQD effortlessly accommodates straight and 90° Quick Disconnects, facilitating the installation of 1/4", 3/8", and 1/2" Push-Lok hoses for mold connections.

Barb-Tech™ PQD is offered in two versions. The difference is with the mandrels for the 90° Quick Disconnect fittings. You also have the option to purchase the other set of mandrels.

PQD-CM: Equipped with mandrels designed for Custom Mold Quick Disconnect 90° series fittings, CM-21X-PL, CM-31X-PL, and CM-51X-PL fittings and straight fittings.

PQD-PM: Equipped with mandrels designed for Parker Moldmate Quick Disconnect 90° fittings and straight fittings.



FEATURES

- ✓ Easy change Click-On mandrel system
- ✓ Portable & lightweight
- ✓ Mandrels securely hold fittings
- ✓ Reduce downtime
- ✓ Designed for plastics injection molding industry
- ✓ Reduces physical effort to a 1/3
- ✓ Reduces installation time to a 1/3
- ✓ No external power source required

Mandrels Kits	X: Included O:Optional	
	PQD-CM	PQD-PM
Barb-Tech™ Assembly Tool	X	X
Carrying Case	X	X
Straight Fitting Mandrels		
200 Series Straight QD	X	X
300 Series Straight QD	X	X
500 Series Straight QD	X	X
Custom Mold QD 90° Fitting Mandrels		
200 Series 90° Quick Disconnect	X	O
300 Series 90° Quick Disconnect	X	O
500 Series 90° Quick Disconnect	X	O
Parker Moldmate QD 90° Fitting Mandrels		
1/4" (#4)	O	X
3/8" (#6)	O	X
1/2" (#8)	O	X
Moldmate Compatible 45° Quick Disconnect Mandrel Kit		
1/4" (#4); 3/8" (#6); 1/2" (#8) 45° Fittings	O	O

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In addition to the included mandrels for Custom Mold and Parker Moldmate Quick Disconnect fittings, optional mandrels are available for other applications compatible with the Barb-Tech™ PQD tool.

These optional mandrels further enhance the flexibility of the Barb-Tech™ PQD tool, allowing users to adapt to various Push-Lock fittings and hose assembly applications.



Optional Mandrels	PQD-CM	PQD-PM
45° & 90° Elbow Fittings Mandrels (Parker 33782 & 33982 Series)		
1/4" (#4) 45° & 90°	0	0
3/8" (#6) 45° & 90°	0	0
1/2" (#8) 45° & 90°	0	0
3/4" (#12) 45°	0	0
3/4" (#12) 90°	0	0
Straight Fitting Mandrels (for Parker 82 Series)		
1/4" (#4) Straight	0	0
3/8" (#6) Straight	0	0
1/2" (#8) Straight	0	0
3/4" (#12) Straight	0	0
Machine Own Mandrel (2-Blank Mandrels)	0	0



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