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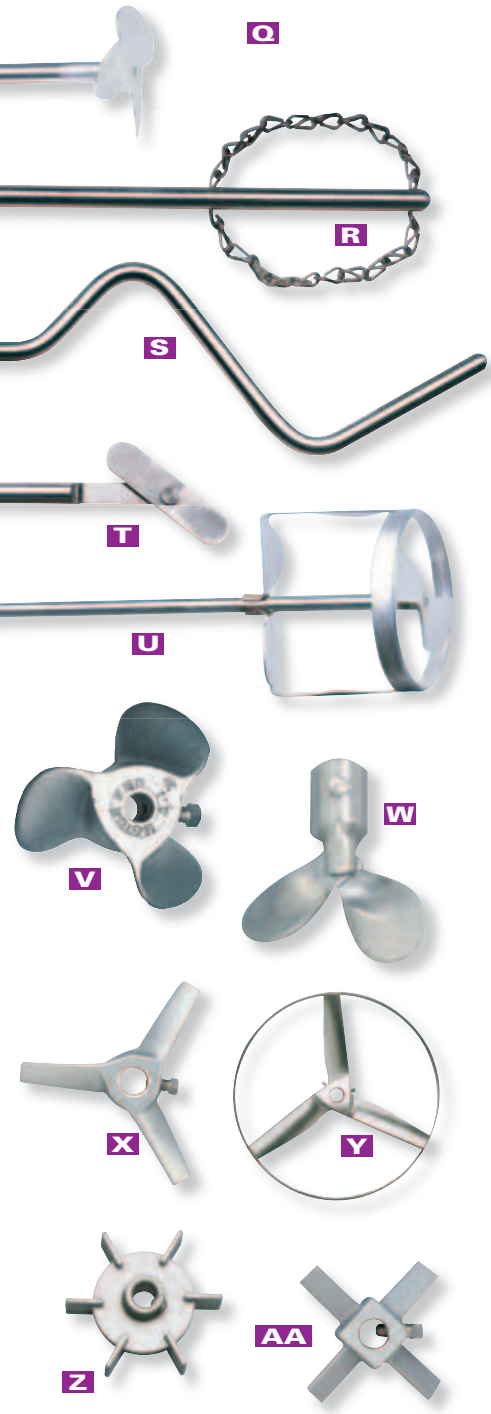
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Find the *Cole-Parmer 04449-08* at our website: *Click HERE*

Accessories for Laboratory Mixers (continued)



Q-U 303/304 Stainless Steel Mixing Paddle Assemblies

Use these autoclavable paddle assemblies for your general-purpose and high-temperature applications. The shaft and propeller are combined into one convenient mixing piece.

Q Three-Blade Paddle Assemblies are for general purpose mixing. All blades are pitched for low-viscosity, axial-flow mixing.

R Chain Paddle Assemblies are for medium-viscosity liquids.

S Zig-Zag Paddle Assemblies are for medium- to high-viscosity liquids.

T Swivel Paddle Assemblies are for use in narrow-necked vessels.

U High-Efficiency Paddle Assemblies are for highly viscous liquids or semisolids.

Key	Catalog number	Shaft, dia x L, in. (mm)	Paddle dia, in. (mm)	Price
Q	RZ-04350-00	¼ x 12 (6 x305)	2 (51)	
	RZ-04352-00	5⁄16 x 12 (8 x 305)		
	RZ-04449-07	¼ x 18 (6 x 457)		
	RZ-04449-08	5⁄16 x 18 (8 x 457)		
R	RZ-04354-00	¼ x 12 (6 x305)	3 (76)	
	RZ-04356-00	5⁄16 x 12 (8 x 305)		
S	RZ-04358-00	5⁄16 x 12 (8 x 305)	2½ (64)	
T	RZ-04360-00	¼ x 12 (6 x305)	2 (51)	
	RZ-04361-00	5⁄16 x 12 (8 x 305)		
U	RZ-04541-00	¼ x 15 (6 x 381)	2⅝ (67)	
	RZ-04541-10	¼ x 30 (6 x 762)	2⅝ (67)	
	RZ-04541-20	⅜ x 21 (10 x 533)	3¾ (95)	
	RZ-04541-30	½ x 40 (13 x 1016)	5 (127)	

GO to page(s) 923
For accessories compatible with industrial mixers go to page 923.

V-DD 316 SS Impellers

Choose from a variety of impeller designs; all are constructed of 316 stainless steel except high-flow impeller 04560-80. Order shafts separately on page 929.

V Axial Flow Impellers (A-100) have Superpitch® design with a 1.5 pitch ratio for greater mixing capabilities. Standard axial flow; use for wetting dry powders.

W Two-Blade Folding Impellers are perfect for mixing in vessels with narrow ports. Folded diameter is 1 1⁄16" (18 mm) for the 2" (51 mm) model and 1" (25 mm) for the 3" (76 mm) model. Impellers open fully when mixing.

X High-Efficiency Axial Flow Impellers (A-310) have laser designed paddles to develop 50% more mixing action for high-flow, low-shear mixing.

Y High-Efficiency Axial Flow Impeller with Ring Guard (A-310) has all the features of "X" with added ring guard for safety and protection of mixing vessels.

Z High-Shear Radial Flow Impellers (R-100) have paddles that produce added shear and moderate flow.

AA Four-Blade Impellers (A-200) are turbine impellers that have a 45° pitch and produce a semi-axial flow.

BB High-Shear Dispersing Impellers (R-500) create a cutting, tearing action to efficiently shred and disperse solids. Provide low flow with highest shear.

CC Laser Designed High-Viscosity Impellers (A-320) improve blending while reducing power consumption—up to a 50% reduction over traditional 45° pitched blade paddles. Increased axial flow lets you locate the impeller farther from your tank bottom and enables use of shorter shafts.

DD Laser Designed High-Flow Impeller (A-410) produces strong axial flow at very high flow efficiency. Ideal for transitional flow regime mixing. Made of glass-filled polypropylene with 316 SS set screws.

Key	Catalog number	Overall dia, in. (mm)	Bore dia, in. (mm)	Price
V	RZ-04560-54	3.1 (79)	5⁄16 (8)	
	RZ-04540-20	2.7 (68)	⅜ (10)	
	RZ-04540-30	3.1 (79)	⅜ (10)	
W	RZ-04543-00	2.0 (51) open	5⁄16 (8)	
	RZ-04561-66	3.0 (76) open	⅜ (10)	
X	RZ-04560-25	2.5 (64)	5⁄16 (8)	
	RZ-04560-22	3.8 (96)	5⁄16 (8)	
	RZ-04560-23	4.5 (114)	5⁄16 (8)	
	RZ-04560-50	2.5 (64)	⅜ (10)	
	RZ-04540-25	3.4 (86)	⅜ (10)	
Y	RZ-04561-64	2.5 (64)	5⁄16 (8)	
Z	RZ-04560-57	1.5 (38)	5⁄16 (8)	
	RZ-04560-30	2.0 (51)		
	RZ-04560-56	3.0 (76)		
AA	RZ-04560-60	3.0 (76)	5⁄16 (8)	
	RZ-04561-60	2.0 (51)	5⁄16 (8)	
	RZ-04560-61	2.0 (51)	⅜ (10)	
BB	RZ-04561-62	3.0 (76)	5⁄16 (8)	
	RZ-04560-58	2.0 (51)	⅜ (10)	
CC	RZ-04560-62	5.0 (127)	5⁄16 (8)	
	RZ-04560-63	5.0 (127)	⅜ (10)	
DD	RZ-04560-80	3.9 (99)	5⁄16 (8)	



Mixer Testing Beads

Test your mixer/impeller system for clumping and settling—see page 930.

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