### 90 DEGREE



#### **YA SERIES**

The YA Series are multi-barbed wye connectors, and are made of Acetal. There is a 90° span between the top two legs of this wye connector. Available barb sizes are 1/8 inch, 5/32 inch, 3/16 inch, 1/4 inch, 5/16 inch, 3/8 inch, 7/16 inch, 1/2 inch, 9/16 inch, 3/4 inch, 5/32 inch by 1/4 inch, and 1/4 inch by 5/6 inch. Barb sizes can also be used for metric tubing, see our inches to metric conversion table.

SKU	Description
YA-2	1/8 inch (3 mm) Acetal Multi-Barbed Wye Connector
YA-3	3/16 inch (5 mm) Acetal Multi-Barbed Wye Connector
YA-4	1/4 inch (6 mm) Acetal Multi-Barbed Wye Connector
YA-5	5/16 inch (8 mm) Acetal Multi-Barbed Wye Connector
YA-532	5/32 inch (4 mm) Acetal Multi-Barbed Wye Connector
YA-6	3/8 inch (10 mm) Acetal Multi-Barbed Wye Connector
YA-7	7/16 inch (11 mm) Acetal Multi-Barbed Wye Connector
YA-8	1/2 inch (13 mm) Acetal Multi-Barbed Wye Connector
YA-9	9/16 inch (14 mm) Acetal Multi-Barbed Wye Connector
YA-10	5/8 inch (16 mm) Acetal Multi-Barbed Wye Connector
YA-12	3/4 inch (19 mm) Acetal Multi-Barbed Wye Connector
YA-532-4	5/32 inch by 1/4 inch Acetal Multi-Barbed Wye Connector
YA-4-5	1/4 inch by 5/16 inch Acetal Multi-Barbed Wye Connector

#### **ME & MA SERIES**



ME Series Brass male Elbow adapters with bite-style barbs ranging from 1/16 inch to 1/2 inch in  $90^\circ$  and  $45^\circ$  angles.

SKU	Description
ME-10MM516B	10 by 1 MM by 5/16 inch Barb Brass Elbow Brass
ME-1M078B	1/16 inch Male Brass Elbow by .078 Barb
ME-1M170B	1/16 inch Male Brass Elbow by .170 Barb
ME-1M1B	1/16 inch Male Brass Elbow by 1/16 inch Barb
ME-1M2B	1/16 inch Male Brass Elbow by 1/8 inch Barb
ME-1M332B	1/16 inch Male Brass Elbow to 3/32 inch Barb
ME-1M3B	1/16 inch Male Brass Elbow by 3/16 inch Barb
ME-1M4B	1/16 inch Male Brass Elbow by 1/4 inch Barb
ME-1M532B	1/16 inch Male Brass Elbow by 5/32 inch Barb
ME-1M564B	1/16 inch Male Brass Elbow by 5/64 inch Barb
ME-1M5B	1/16 inch Male Brass Elbow by 5/16 inch Barb
ME-1M6B	1/16 inch Male Brass Elbow by 3/8 inch Barb
ME-1M732B	1/16 inch Male Brass Elbow by 7/32 inch Barb
ME-2M078B	1/8 inch Male Brass Elbow by .078 Barb
ME-2M170B	1/8 inch Male Brass Elbow to .170 Barb
ME-2M1B	1/8 inch Male Brass Elbow by 1/16 inch Barb
ME-2M2B	1/8 inch Male Brass Elbow by 1/8 inch Barb
ME-2M2B-Short	1/8 inch Male Brass Elbow by 1/8 inch Barb Short Threads
ME-2M332B	1/8 inch Male Brass Elbow by 3/32 inch Barb
ME-2M3B	1/8 inch Male Brass Elbow to 3/16 inch Barb
ME-2M4B	1/8 inch Male Brass Elbow by 1/4 inch Barb
ME-2M4BSH	1/8 inch Male Brass Elbow to 1/4 inch Barb Short
ME-2M532B	1/8 inch Male Brass Elbow by 5/32 inch Barb
ME-2M564B	1/8 inch Male Brass Elbow by 5/64 inch Barb
ME-2M5B	1/8 inch Male Brass Elbow to 5/16 inch Barb
ME-2M6B	1/8 inch Male Brass Elbow to 3/8 inch Barb
ME-2M732B	1/8 inch Male Brass Elbow by 7/32 inch Barb
ME3-078B	M3 Metric Brass Elbow .078
ME3-1B	M3 Metric Brass Elbow 1/16 inch
ME3-2B	M3 Metric Brass Elbow 1/8 inch
ME3-332B	M3 Metric Brass Elbow 3/32 inch
ME-4M078B	1/4 inch Male Brass Elbow to .078 Barb
ME-4M170B	1/4 inch Male Brass Elbow to .170 Barb
ME-4M1B	1/4 inch Male Brass Elbow to 1/16 inch Barb
ME-4M2B	1/4 inch Male Brass Elbow to 1/8 inch Barb

SKU	Description
ME-4M2B-Short	1/4 inch Male Brass Elbow to 1/8 inch Barb Short Threads
ME-4M2B-SW	1/4 inch Male Brass Elbow to 1/8 inch Barb Swivel
ME-4M332B	1/4 inch Male Brass Elbow to 3/32 inch Barb
ME-4M3B	1/4 inch Male Brass Elbow to 3/16 inch Barb
ME-4M4B	1/4 inch Male Brass Elbow to 1/4 inch Barb
ME-4M532B	1/4 inch Male Brass Elbow by 5/32 inch Barb
ME-4M564B	1/4 inch Male Brass Elbow by 5/64 inch Barb
ME-4M5B	1/4 inch Male Brass Elbow to 5/16 inch Barb
ME-4M6B	1/4 inch Male Brass Elbow to 3/8 inch Barb
ME-4M732B	1/4 inch Male Brass Elbow by 7/32 inch Barb
ME-4M8B	1/4 inch Male Brass Elbow to 1/2 inch Barb
ME-6M170B	3/8 inch Male Brass Elbow by .170 Barb
ME-6M1B	3/8 inch Male Brass Elbow by 1/16 inch Barb
ME-6M2B	3/8 inch Male Brass Elbow by 1/8 inch Barb
ME-6M2B-SH	3/8 inch Male Brass Elbow to 1/8 inch Barb Short
ME-6M332B	3/8 inch Male Brass Elbow by 3/32 inch Barb
ME-6M3B	3/8 inch Male Brass Elbow by 3/16 inch Barb
ME-6M4B	3/8 inch Male Brass Elbow by 1/4 inch Barb
ME-6M532B	3/8 inch Male Brass Elbow by 5/32 inch Barb
ME-6M564B	3/8 inch Male Brass Elbow by 5/64 inch Barb
ME-6M5B	3/8 inch Male Brass Elbow by 5/16 inch Barb
ME-6M6B	3/8 inch Male Brass Elbow by 3/8 inch Barb
ME-6M732B	3/8 inch Male Brass Elbow by 7/32 inch Barb
ME-8M170B	1/2 inch Male Brass Elbow by .170 Barb
ME-8M1B	1/2 inch Male Brass Elbow by 1/16 inch Barb
ME-8M2B	1/2 inch Male Brass Elbow by 1/8 inch Barb
ME-8M332B	1/2 inch Male Brass Elbow by 3/32 inch Barb
ME-8M3B	1/2 inch Male Brass Elbow by 3/16 inch Barb
ME-8M4B	1/2 inch Male Brass Elbow by 1/4 inch Barb
ME-8M532B	1/2 inch Male Brass Elbow by 5/32 inch Barb
ME-8M564B	1/2 inch Male Brass Elbow by 5/64 inch Barb
ME-8M5B	1/2 inch Male Brass Elbow by 5/16 inch Barb
ME-8M6B	1/2 inch Male Brass Elbow by 3/8 inch Barb
ME-8M732B	1/2 inch Male Brass Elbow by 7/32 inch Barb
ME45-10M1B	10-32 by 1/16 inch Barb 45° Brass Elbow
ME45-10M332B	10-32 by 3/32 inch Barb 45° Brass Elbow
ME45-10M564B	10-32 by 5/64 inch Barb 45° Brass Elbow
ME45-14M170B	1/4-28 by .170 Barb 45° Brass Elbow
ME45-14M1B	1/4-28 by 1/16 inch Barb 45° Brass Elbow
ME45-14M2B	1/4-28 by 1/8 inch Barb 45° Brass Elbow

SKU	Description
ME45-14M332B	1/4-28 by 3/32 inch Barb 45° Brass Elbow
ME45-14M3B	1/4-28 by 3/16 inch Barb 45° Brass Elbow
ME45-14M4B	1/4-28 by 1/4 inch Barb 45° Brass Elbow
ME45-14M532B	1/4-28 by 5/32 inch Barb 45° Brass Elbow
ME45-14M564B	1/4-28 by 5/64 inch Barb 45° Brass Elbow
ME45-14M732B	1/4-28 by 7/32 inch Barb 45° Brass Elbow
ME45-1M170B	1/16 inch by .170 Barb 45° Brass Elbow
ME45-1M1B	1/16 inch by 1/16 inch Barb 45° Brass Elbow
ME45-1M2B	1/16 inch by 1/8 inch Barb 45° Brass Elbow
ME45-1M332B	1/16 inch by 3/32 inch Barb 45° Brass Elbow
ME45-1M3B	1/16 inch by 3/16 inch Barb 45° Brass Elbow
ME45-1M4B	1/16 inch by 1/4 inch Barb 45° Brass Elbow
ME45-1M532B	1/16 inch by 5/32 inch Barb 45° Brass Elbow
ME45-1M564B	1/16 inch by 5/64 inch Barb 45° Brass Elbow
ME45-1M732B	1/16 inch by 7/32 inch Barb 45° Brass Elbow
ME45-2M170B	1/8 inch by .170 Barb 45° Brass Elbow
ME45-2M1B	1/8 inch by 1/16 inch Barb 45° Brass Elbow
ME45-2M2B	1/8 inch by 1/8 inch Barb 45° Brass Elbow
ME45-2M332B	1/8 inch by 3/32 inch Barb 45° Brass Elbow
ME45-2M3B	1/8 inch by 3/16 inch Barb 45° Brass Elbow
ME45-2M4B	1/8 inch by 1/4 inch Barb 45° Brass Elbow
ME45-2M532B	1/8 inch by 5/32 inch Barb 45° Brass Elbow
ME45-2M564B	1/8 inch by 5/64 inch Barb 45° Brass Elbow
ME45-2M5B	1/8 inch by 5/16 inch Barb 45° Brass Elbow
ME45-2M6B	1/8 inch by 3/8 inch Barb 45° Brass Elbow
ME45-2M732B	1/8 inch by 7/32 inch Barb 45° Brass Elbow
ME45-2M8B	1/8 inch by 1/2 inch Barb 45° Brass Elbow
ME45-4M170B	1/4 inch by .170 Barb 45° Brass Elbow
ME45-4M1B	1/4 inch by 1/16 inch Barb 45° Brass Elbow
ME45-4M2B	1/4 inch by 1/8 inch Barb 45° Brass Elbow
ME45-4M332B	1/4 inch by 3/32 inch Barb 45° Brass Elbow
ME45-4M3B	1/4 inch by 3/16 inch Barb 45° Brass Elbow
ME45-4M4B	1/4 inch by 1/4 inch Barb 45° Brass Elbow
ME45-4M532B	1/4 inch by 5/32 inch Barb 45° Brass Elbow
ME45-4M564B	1/4 inch by 5/64 inch Barb 45° Brass Elbow
ME45-4M5B	1/4 inch by 5/16 inch Barb 45° Brass Elbow
ME45-4M6B	1/4 inch by 3/8 inch Barb 45° Brass Elbow
ME45-4M732B	1/4 inch by 7/32 inch Barb 45° Brass Elbow
ME45-4M8B	1/4 inch by 1/2 inch Barb 45° Brass Elbow
ME45-6M170B	3/8 inch by .170 Barb 45° Brass Elbow

SKU	Description
ME45-6M1B	3/8 inch by 1/16 inch Barb 45° Brass Elbow
ME45-6M2B	3/8 inch by 1/8 inch Barb 45° Brass Elbow
ME45-6M332B	3/8 inch by 3/32 inch Barb 45° Brass Elbow
ME45-6M3B	3/8 inch by 3/16 inch Barb 45° Brass Elbow
ME45-6M4B	3/8 inch by 1/4 inch Barb 45° Brass Elbow
ME45-6M532B	3/8 inch by 5/32 inch Barb 45° Brass Elbow
ME45-6M564B	3/8 inch by 5/64 inch Barb 45° Brass Elbow
ME45-6M5B	3/8 inch by 5/16 inch Barb 45° Brass Elbow
ME45-6M6B	3/8 inch by 3/8 inch Barb 45° Brass Elbow
ME45-6M732B	3/8 inch by 7/32 inch Barb 45° Brass Elbow
ME45-6M8B	3/8 inch by 1/2 inch Barb 45° Brass Elbow

#### **FE SERIES**



The FE Series are Brass female by bite-style barb adapter elbows in 90° and 45° angles. Female NPT thread sizes available are 1/16 inch, 1/8 inch, 3/8 inch, and 1/4 inch. Barbs come in a wide range of sizes, which are listed below. Also available in 303 Stainless Steel.

SKU	Description
FE-2F078B	1/8 inch FNPT by .078 inch Barb Brass Elbow Adapter
FE-2F332B	1/8 inch FNPT by 3/32 inch Barb Brass Elbow Adapter
FE-2F170B	1/8 inch FNPT by .170 inch Barb Brass Elbow Adapter
FE-2F1B	1/8 inch FNPT by 1/16 inch Barb Brass Elbow Adapter
FE-2F532B	1/8 inch FNPT by 5/32 inch Barb Brass Elbow Adapter
FE-2F2B	1/8 inch FNPT by 1/8 inch Barb Brass Elbow Adapter
FE-2F3B	1/8 inch FNPT by 3/16 inch Barb Brass Elbow Adapter
FE-2F4B	1/8 inch FNPT by 1/4 inch Barb Brass Elbow Adapter
FE-2F564B	1/8 inch FNPT by 5/64 inch Barb Brass Elbow Adapter
FE-2F5B	1/8 inch FNPT by 5/16 inch Barb Brass Elbow Adapter
FE-2F6B	1/8 inch FNPT by 3/8 inch Barb Brass Elbow Adapter
FE-4F1B	1/4 inch FNPT by 1/16 inch Barb Brass Elbow Adapter
FE-4F2B	1/4 inch FNPT by 1/8 inch Barb Brass Elbow Adapter
FE-4F3B	1/4 inch FNPT by 3/16 inch Barb Brass Elbow Adapter
FE-4F4B	1/4 inch FNPT by 1/4 inch Barb Brass Elbow Adapter
FE-4F564B	1/4 inch FNPT by 5/64 inch Barb Brass Elbow Adapter
FE-4F6B	1/4 inch FNPT by 3/8 inch Barb Brass Elbow Adapter
FE-4F732B	1/4 inch FNPT by 7/32 inch Barb Brass Elbow Adapter
FE-4F170B	1/4 inch FNPT by .170 inch Barb Brass Elbow Adapter
FE-6F170B	3/8 inch FNPT by .170 inch Barb Brass Elbow Adapter

SKU	Description
FE-6F1B	3/8 inch FNPT by 1/16 inch Barb Brass Elbow Adapter
FE-6F2B	3/8 inch FNPT by 1/8 inch Barb Brass Elbow Adapter
FE-6F332B	3/8 inch FNPT by 3/32 inch Barb Brass Elbow Adapter
FE-6F3B	3/8 inch FNPT by 3/16 inch Barb Brass Elbow Adapter
FE-6F4B	3/8 inch FNPT by 1/4 inch Barb Brass Elbow Adapter
FE-6F532B	3/8 inch FNPT by 5/32 inch Barb Brass Elbow Adapter
FE-6F564B	3/8 inch FNPT by 5/64 inch Barb Brass Elbow Adapter
FE-6F5B	3/8 inch FNPT by 5/16 inch Barb Brass Elbow Adapter
FE-6F6B	3/8 inch FNPT by 3/8 inch Barb Brass Elbow Adapter
FE45-1F170B	1/16 inch FNPT by .170 inch Barb Brass 45° Elbow Adapter
FE45-1F1B	1/16 inch FNPT by 1/16 inch Barb Brass 45° Elbow Adapter
FE45-1F2B	1/16 inch FNPT by 1/8 inch Barb Brass 45° Elbow Adapter
FE45-1F332B	1/16 inch FNPT by 3/32 inch Barb Brass 45° Elbow Adapter
FE45-1F3B	1/16 inch FNPT by 3/16 inch Barb Brass 45° Elbow Adapter
FE45-1F4B	1/16 inch FNPT by 1/4 inch Barb Brass 45° Elbow Adapter
FE45-1F532B	1/16 inch FNPT by 5/32 inch Barb Brass 45° Elbow Adapter
FE45-1F564B	1/16 inch FNPT by 1/16 inch Barb Brass 45° Elbow Adapter
FE45-1F5B	1/16 inch FNPT by 5/16 inch Barb Brass 45° Elbow Adapter
FE45-1F6B	1/16 inch FNPT by 3/8 inch Barb Brass 45° Elbow Adapter
FE45-1F732B	1/16 inch FNPT by 7/32 inch Barb Brass 45° Elbow Adapter
FE45-1F8B	1/16 inch FNPT by 1/2 inch Barb Brass 45° Elbow Adapter
FE45-2F170B	1/8 inc FNPT by .170 inch Barb Brass 45° Elbow Adapter
FE45-2F1B	1/8 inch FNPT by 1/16 inch Barb Brass 45° Elbow Adapter
FE45-2F2B	1/8 inch FNPT by 1/8 inch Barb Brass 45° Elbow Adapter
FE45-2F332B	1/8 inch FNPT by 3/32 inch Barb Brass 45° Elbow Adapter
FE45-2F3B	$1/8$ inch FNPT by $3/16$ inch Barb Brass $45^\circ$ Elbow Adapter
FE45-2F4B	1/8 inch FNPT by 1/4 inch Barb Brass 45° Elbow Adapter
FE45-2F532B	1/8 inch FNPT by 5/32 inch Barb Brass 45° Elbow Adapter
FE45-2F564B	1/8 inch FNPT by 5/64 inch Barb Brass 45° Elbow Adapter
FE45-2F5B	1/8 inch FNPT by 5/16 inch Barb Brass 45° Elbow Adapter
FE45-2F6B	1/8 inch FNPT by 3/8 inch Barb Brass 45° Elbow Adapter
FE45-2F732B	1/8 inch FNPT by 7/32 inch Barb Brass 45° Elbow Adapter
FE45-2F8B	1/8 inch FNPT by 1/2 inch Barb Brass 45° Elbow Adapter
FE45-4F170B	1/4 inch FNPT by .170 inch Barb Brass 45° Elbow Adapter
FE45-4F1B	1/4 inch FNPT by 1/16 inch Barb Brass 45° Elbow Adapter
FE45-4F2B	1/4 inch FNPT by 1/8 inch Barb Brass 45° Elbow Adapter
FE45-4F332B	1/4 inch FNPT by 3/32 inch Barb Brass 45° Elbow Adapter
FE45-4F3B	1/4 inch FNPT by 3/16 inch Barb Brass 45° Elbow Adapter
FE45-4F4B	1/4 inch FNPT by 1/4 inch Barb Brass 45° Elbow Adapter
FE45-4F532B	1/4 inch FNPT by 5/32 inch Barb Brass 45° Elbow Adapter

SKU	Description
FE45-4F564B	1/4 inch FNPT by 5/64 inch Barb Brass 45° Elbow Adapter
FE45-4F5B	1/4 inch FNPT by 5/16 inch Barb Brass 45° Elbow Adapter
FE45-4F6B	1/4 inch FNPT by 3/8 inch Barb Brass 45° Elbow Adapter
FE45-4F732B	1/4 inch FNPT by 7/32 inch Barb Brass 45° Elbow Adapter
FE45-4F8B	1/4 inch FNPT by 1/2 inch Barb Brass 45° Elbow Adapter
FE45-6F170B	3/8 inch FNPT by .170 inch Barb Brass 45° Elbow Adapter
FE45-6F1B	3/8 inch FNPT by 1/16 inch Barb Brass 45° Elbow Adapter
FE45-6F2B	3/8 inch FNPT by 1/8 inch Barb Brass 45° Elbow Adapter
FE45-6F332B	3/8 inch FNPT by 3/32 inch Barb Brass 45° Elbow Adapter
FE45-6F3B	3/8 inch FNPT by 3/16 inch Barb Brass 45° Elbow Adapter
FE45-6F4B	3/8 inch FNPT by 1/4 inch Barb Brass 45° Elbow Adapter
FE45-6F532B	3/8 inch FNPT by 5/32 inch Barb Brass 45° Elbow Adapter
FE45-6F564B	3/8 inch FNPT by 5/64 inch Barb Brass 45° Elbow Adapter
FE45-6F5B	3/8 inch FNPT by 5/16 inch Barb Brass 45° Elbow Adapter
FE45-6F6B	3/8 inch FNPT by 3/8 inch Barb Brass 45° Elbow Adapter
FE45-6F732B	3/8 inch FNPT by 7/32 inch Barb Brass 45° Elbow Adapter
FE45-6F8B	3/8 inch FNPT by 1/2 inch Barb Brass 45° Elbow Adapter

#### **EBV SERIES**



The EBV Series One-Way single direction Flow 90 degree Ball Valve is made of PVC with standard Buna seals. Maximum pressure 125 psi and 140 degrees F and a thru hole of .437 used for air, water, gas, oxygen, and refrigeration applications. (not for vacuum)

SKU	Description
EBV-4B	1/4 Barb Ball Valve
EBV-6B	3/8 Barb Ball Valve
EBV-8B	1/2 Barb Ball Valve
EBV-4F	1/4 FNPT Ball Valve
EBV-6F	3/8 FNPT Ball Valve
EBV-8F	1/2 FNPT Ball Valve
EBV-4F-4B	1/4 FNPT by 1/4 Barb Ball Valve
EBV-6F-6B	3/8 FNPT by 3/8 Barb Ball Valve
EBV-8F-8B	1/2 FNPT by 1/2 Barb Ball Valve
EBV-4M	1/4 MNPT Ball Valve
EBV-6M	3/8 MNPT Ball Valve
EBV-8M	1/2 MNPT Ball Valve
EBV-4M-4B	1/4 MNPT by 1/4 Barb Ball Valve

SKU	Description
EBV-6M-6B	3/8 MNPT by 3/8 Barb Ball Valve
EBV-8M-8B	1/2 MNPT by 1/2 Barb Ball Valve
EBV-4P-4B	1/4 Push-to-Connect by 1/4 Barb Ball Valve
EBV-6P-6B	3/8 Push-to-Connect by 3/8 Barb Ball Valve
EBV-8P-8B	1/2 Push-to-Connect by 1/2 Barb Ball Valve
EBV-4C-4B	1/4 Comp by 1/4 Barb Ball Valve
EBV-6C-6B	3/8 Comp by 3/8 Barb Ball Valve
EBV-8C-8B	1/2 Comp by 1/2 Barb Ball Valve

### **INDEX**

Ε

EBV Series 7

F

FE Series 5

M

ME & MA SERIES 2

Υ

YA Series 1