



COLARUS GROUP

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# Elbow 90 Reducing

Malleable Black Iron

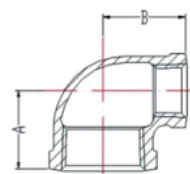


A malleable black iron 90-degree reducing elbow is a pipe fitting used to connect pipes of different sizes at a 90-degree angle. It's typically made of black malleable iron, a material known for its strength and durability.

**Standard:** EN10242 / ANSI / ASME B16.3 / DIN2950 / ISO49 / NBR6943 / Is1879 / EN10242

**Thread Standard:** EN10226 / ASME B1.20.1 / DIN 2999 ISO-1 / ISO228 / IS 554 / BS EN10226

**Working Pressure** PN 25 / 2.5 MPA / CLASS 150 / 25 BAR



| Product Code       | Product Description                                   | Size            | DN      | A    | B    | Weight | PSI |
|--------------------|-------------------------------------------------------|-----------------|---------|------|------|--------|-----|
|                    |                                                       | (ANSI)          | (mm)    | (mm) | (mm) | (g)    |     |
| ELBR90-12-38-MBK   | Elbow Reducer 90 1/2" x 3/8" Malleable Black Iron     | 1/2" x 3/8"     | 15 x 10 | 25   | 25   | 74.48  | 150 |
| ELBR90-34-12-MBK   | Elbow Reducer 90 3/4" x 1/2" Malleable Black Iron     | 3/4" x 1/2"     | 20 x 15 | 29   | 30   | 122.5  | 150 |
| ELBR90-1-12-MBK    | Elbow Reducer 90 1" x 1/2" Malleable Black Iron       | 1" x 1/2"       | 25 x 15 | 31   | 33   | 161.7  | 150 |
| ELBR90-1-34-MBK    | Elbow Reducer 90 1" x 3/4" Malleable Black Iron       | 1" x 3/4"       | 25 x 20 | 34   | 35   | 184.24 | 150 |
| ELBR90-114-12-MBK  | Elbow Reducer 90 1 1/4" x 1/2" Malleable Black Iron   | 1 1/4" x 1/2"   | 32 x 15 | 34   | 37   | 227.36 | 150 |
| ELBR90-114-34-MBK  | Elbow Reducer 90 1 1/4" x 3/4" Malleable Black Iron   | 1 1/4" x 3/4"   | 32 x 20 | 36   | 40   | 252.84 | 150 |
| ELBR90-114-1-MBK   | Elbow Reducer 90 1 1/4" x 1" Malleable Black Iron     | 1 1/4" x 1"     | 32 x 25 | 40   | 41   | 285.18 | 150 |
| ELBR90-112-12-MBK  | Elbow Reducer 90 1 1/2" x 1/2" Malleable Black Iron   | 1 1/2" x 1/2"   | 40 x 15 | 35   | 41   | 266.56 | 150 |
| ELBR90-112-34-MBK  | Elbow Reducer 90 1 1/2" x 3/4" Malleable Black Iron   | 1 1/2" x 3/4"   | 40 x 20 | 37   | 43   | 302.82 | 150 |
| ELBR90-112-1-MBK   | Elbow Reducer 90 1 1/2" x 1" Malleable Black Iron     | 1 1/2" x 1"     | 40 x 25 | 41   | 45   | 342.02 | 150 |
| ELBR90-112-114-MBK | Elbow Reducer 90 1 1/2" x 1 1/4" Malleable Black Iron | 1 1/2" x 1 1/4" | 40 x 32 | 45   | 47   | 400.82 | 150 |
| ELBR90-2-12-MBK    | Elbow Reducer 90 2" x 1/2" Malleable Black Iron       | 2" x 1/2"       | 50 x 15 | 37   | 47   | 398.86 | 150 |
| ELBR90-2-34-MBK    | Elbow Reducer 90 2" x 3/4" Malleable Black Iron       | 2" x 3/4"       | 50 x 20 | 40   | 49   | 423.36 | 150 |
| ELBR90-2-1-MBK     | Elbow Reducer 90 2" x 1" Malleable Black Iron         | 2" x 1"         | 50 x 25 | 43   | 51   | 476.28 | 150 |
| ELBR90-2-114-MBK   | Elbow Reducer 90 2" x 1 1/4" Malleable Black Iron     | 2" x 1 1/4"     | 50 x 32 | 47   | 53   | 552.72 | 150 |
| ELBR90-2-112-MBK   | Elbow Reducer 90 2" x 1 1/2" Malleable Black Iron     | 2" x 1 1/2"     | 50 x 40 | 51   | 54   | 588    | 150 |

Working Pressure : 25BAR / 363PSI / MPA / CLASS / PN 25  
Temperature : 200 °C (392°F)  
Tensile Strength : ≥350MPA  
Elongation : ≥10%  
Hardness : ≤HB150



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