



INTRODUCING FULL PORT BALL VALVES



Strength in Every Detail, Engineered for Reliability.

Crafted from **lead-free brass***, dahl's Full Port ball valves deliver efficient and durable plumbing solutions with high strength, exceptional wear resistance, and superior corrosion protection.

Expert machining ensures smooth operation and long service life, while the engineered ball features a **proprietary coating** for added abrasion and corrosion resistance. Backed by a **lifetime warranty**, dahl's Full Port ball valves offer reliability and sustainability you can trust.

dahl • ECO

*CW724R lead-free brass alloy



Standard

With Drain



Copper Compression

500-050-SH-CC



500-050-SH-CC-D



Copper Press Female

500-050-SH-PP



500-050-SH-PP-D



Copper Solder Female

500-050-SH-SS



500-050-SH-SS-D



Iron NPT Female

500-050-SH-FF



500-050-SH-FF-D



PEX Cold Expansion (F1960)

500-050-SH-AA



500-050-SH-AA-D



PEX Crimp

500-050-SH-BB



500-050-SH-BB-D



www.dahlvalve.com

FULL PORT BALL VALVES

Features & Benefits:

- **Lead-Free Brass Construction:** Dezincification-resistant, lead-free, and sustainable for long-term reliability and safety.
- **Special Proprietary Coating on the Ball:** Ensures superior abrasion and corrosion resistance, extending valve life.
- **Optional Drain Port Version:** Allows easy system draining and winterization.

Key Applications:

- Water Supply Systems
- Hydronic Heating Systems
- Plumbing Fixtures
- Irrigation Systems
- Potable Water Systems



COPPER - COMPRESSION

PATTERN	FINISH	DESCRIPTION	PART NUMBER
Straight	Rough Brass	1/2 Comp x 1/2 Comp	500-050-SH-CC
Straight	Rough Brass	1/2 Comp x 1/2 Comp w/Drain	500-050-SH-CC-D

COPPER - PRESS FEMALE

PATTERN	FINISH	DESCRIPTION	PART NUMBER
Straight	Rough Brass	1/2 Fem. Press x 1/2 Fem. Press	500-050-SH-PP
Straight	Rough Brass	1/2 Fem. Press x 1/2 Fem. Press w/Drain	500-050-SH-PP-D

COPPER - SOLDER FEMALE

PATTERN	FINISH	DESCRIPTION	PART NUMBER
Straight	Rough Brass	1/2 Fem. Solder x 1/2 Fem. Solder	500-050-SH-SS
Straight	Rough Brass	1/2 Fem. Solder x 1/2 Fem. Solder w/Drain	500-050-SH-SS-D

IRON - NPT FEMALE

PATTERN	FINISH	DESCRIPTION	PART NUMBER
Straight	Rough Brass	1/2 FIP x 1/2 FIP	500-050-SH-FF
Straight	Rough Brass	1/2 FIP x 1/2 FIP w/Drain	500-050-SH-FF-D

PEX - COLD EXPANSION (F1960)

PATTERN	FINISH	DESCRIPTION	PART NUMBER
Straight	Rough Brass	1/2 Cold Expansion x 1/2 Cold Expansion	500-050-SH-AA
Straight	Rough Brass	1/2 Cold Expansion x 1/2 Cold Expansion w/Drain	500-050-SH-AA-D

PEX - CRIMP

PATTERN	FINISH	DESCRIPTION	PART NUMBER
Straight	Rough Brass	1/2 PEX Crimp x 1/2 PEX Crimp	500-050-SH-BB
Straight	Rough Brass	1/2 PEX Crimp x 1/2 PEX Crimp w/Drain	500-050-SH-BB-D



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