



## 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 **premium finish** 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**



### Standard



500-050-SH-CC

**Copper  
Compression**



500-050-SH-CC-D



500-050-SH-PP

**Copper  
Press Female**



500-050-SH-PP-D



500-050-SH-SS

**Copper  
Solder Female**



500-050-SH-SS-D



500-050-SH-FF

**Iron  
NPT Female**



500-050-SH-FF-D



500-050-SH-AA

**PEX  
Cold Expansion  
(F1960)**



500-050-SH-AA-D



500-050-SH-BB

**PEX  
Crimp**



500-050-SH-BB-D



www.dahlvalve.com

## FULL PORT BALL VALVES

### Features & Benefits:

- Lead-Free Brass Construction:** Dezinification-resistant, lead-free, and sustainable for long-term reliability and safety.
- Premium Ball Finish:** Ensures superior abrasion and corrosion resistance, extending valve life.
- Optional Drain Port Version:** Allows easy system draining and winterization.
- CSA Certified to NSF 61 & 372:** Meets all North American plumbing standards for compliance and peace of mind.

### Key Applications:

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

### For Water Applications Only



#### 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



NSF/ANSI/CAN 61 & 372

dahl Valve Limited  
2600 South Sheridan Way,  
Mississauga, ON, Canada L5J 2M4

CAN Toll-Free 1.800.268.5355  
U.S.Toll-Free 1.800.268.2363  
E-mail sales@dahlvalve.com