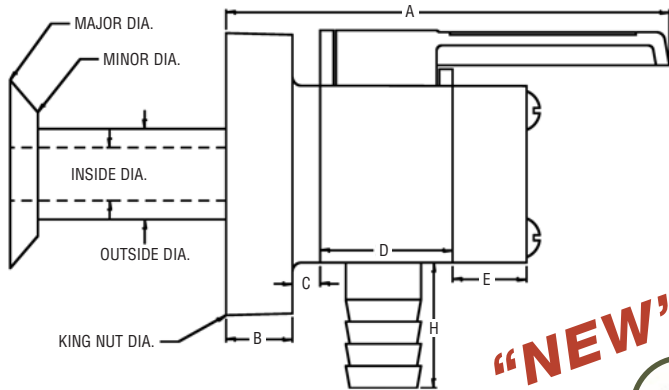
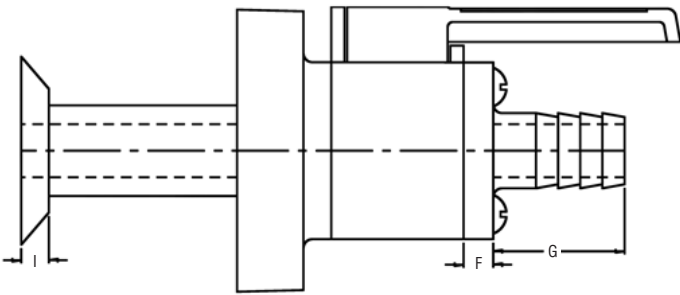


## MARELON® INTEGRATED PLUMBING SYSTEMS HOSE BARB "93" SERIES



**"NEW"**

Mushroom style thru-hull connectors available with chrome plated head or Marelon®.



DIMENSION	1/2" & 3/4" (12.7mm)&(19.05mm)	1"25 & 1-1/4" (25.4mm)&(31.75mm)	1-1/2" & 2" (38.1mm)&(50.8mm)
MAJOR DIA.	1.73(43.94mm)	2.20(55.88mm)	2.79(70.86mm)
MINOR DIA.	1.28(32.51mm)	1.70(43.18mm)	2.18(55.37mm)
OUTSIDE DIA.	1.1(27.94mm)	1.6(40.64mm)	2.1(53.34mm)
INSIDE DIA.	.62(15.74mm)	1.05(26.67mm)	1.64(41.65mm)
KING NUT DIA.	3.13(79.50mm)	3.75(95.25mm)	4.21(106.93mm)
A	4.48(113.79mm)	6.19(157.22mm)	7.63(193.80mm)
B	.91(23.11mm)	.98(24.89mm)	1.10(27.94mm)
C	.48(12.19mm)	.31(7.84mm)	.23(5.84mm)
D	1.20(30.48mm)	1.87(47.49mm)	1.57(39.87mm)
E	.52(13.20mm)	.75(19.05mm)	1.35(34.29mm)
F	.53(13.46mm)	.75(19.05mm)	.78(34.29mm)
G	1.31(33.27mm)	1"=1.25 (25.4mm)=(31.75mm) 1-1/4"=1.50 (31.75mm)=(38.1mm)	1.50(38.1mm)
H	1.44(36.57mm)	1.50(38.1mm)	1.75(44.45mm)
I	.24(6.09mm)	.23(5.84mm)	.24(6.09mm)

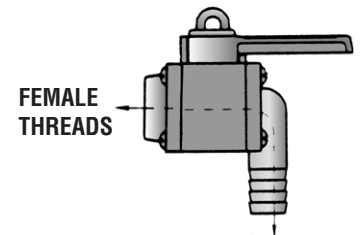
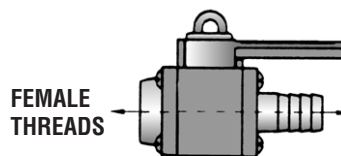
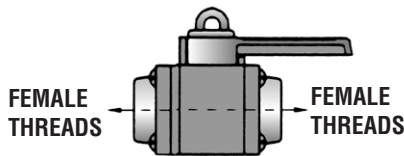
ALL DIMENSIONS IN INCHES

### HOSE BARB INNER (I.D.) DIMENSIONS: ("93" SERIES ONLY)

- 1/2" (12.7mm) - .462" (11.73mm)
- 3/4" (19.05mm) - .52" (13.20mm)
- 1" (25.4mm) - .790" (20.06mm)
- 1-1/4" (31.75mm) - 1.05" (26.67mm)
- 1-1/2" (38.1mm) - 1.25" (31.75mm)
- 2" (50.8mm) - 1.54" (39.11mm)

### MARELON® THREADED VALVES

These valves are designed to meet the needs of builders and owners who require the benefits of the Marelon® integrated plumbing system, with female threads. This valve works great with A.N.P. Thru-Hulls. Forespar® offers this threaded valve in three of our most widely used configurations with N.P. T. or B.S.P threads.

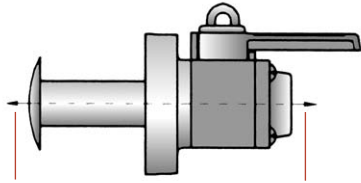


Valve P/N	Size
933332	1/2"(12.7mm)
933333	3/4"(19.05mm)
933334	1"(25.4mm)
933335	1-1/4"(31.75mm)
933336	1-1/2"(38.1mm)
933338	2"(50.8mm)

Valve P/N	Size
933342	1/2"(12.7mm)
933343	3/4"(19.05mm)
933344	1"(25.4mm)
933345	1-1/4"(31.75mm)
933346	1-1/2"(38.1mm)
933348	2"(50.8mm)

Valve P/N	Size
933352	1/2"(12.7mm)
933353	3/4"(19.05mm)
933354	1"(25.4mm)
933355	1-1/4"(31.75mm)
933356	1-1/2"(38.1mm)
933358	2"(50.8mm)

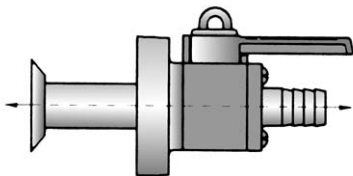
## Original Equipment Manufacture - OEM SALES ONLY



Arrows Indicate Water Flow Direction

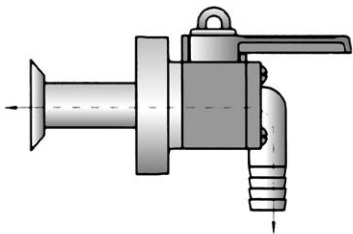
Mushroom Thru-Hull Size	Flush Thru-Hull Size	Mushroom Screened Thru-Hull Size	Flush Screened Thru-Hull Size
931132 1/2"(12.7mm)	932132 1/2"(12.7mm)	937332 1/2"(12.7mm)	936332 1/2"(12.7mm)
931133 3/4"(19.05mm)	932133 3/4"(19.05mm)	937333 3/4"(19.05mm)	936333 3/4"(19.05mm)
931134 1"(25.4mm)	932134 1"(25.4mm)	937334 1"(25.4mm)	936334 1"(25.4mm)
931135 1-1/4"(31.75mm)	932135 1-1/4"(31.75mm)	937335 1-1/4"(31.75mm)	936335 1-1/4"(31.75mm)
931136 1-1/2"(38.1mm)	932136 1-1/2"(38.1mm)	937336 1-1/2"(38.1mm)	936336 1-1/2"(38.1mm)
931138 2"(50.8mm)	932138 2"(50.8mm)	937338 2"(50.8mm)	936338 2"(50.8mm)

## OEM SALES ONLY



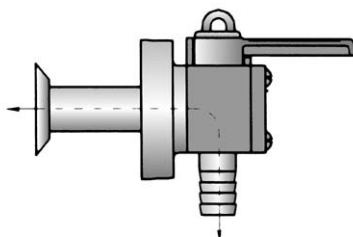
Mushroom Thru-Hull Size	Flush Thru-Hull Size	Mushroom Screened Thru-Hull Size	Flush Screened Thru-Hull Size
931142 1/2"(12.7mm)	932142 1/2"(12.7mm)	937342 1/2"(12.7mm)	936342 1/2"(12.7mm)
931143 3/4"(19.05mm)	932143 3/4"(19.05mm)	937343 3/4"(19.05mm)	936343 3/4"(19.05mm)
931144 1"(25.4mm)	932144 1"(25.4mm)	937344 1"(25.4mm)	936344 1"(25.4mm)
931145 1-1/4"(31.75mm)	932145 1-1/4"(31.75mm)	937345 1-1/4"(31.75mm)	936345 1-1/4"(31.75mm)
931146 1-1/2"(38.1mm)	932146 1-1/2"(38.1mm)	937346 1-1/2"(38.1mm)	936346 1-1/2"(38.1mm)
931148 2"(50.8mm)	932148 2"(50.8mm)	937348 2"(50.8mm)	936348 2"(50.8mm)

## OEM SALES ONLY



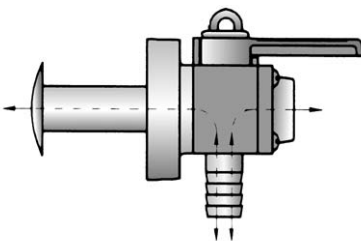
Mushroom Thru-Hull Size	Flush Thru-Hull Size	Mushroom Screened Thru-Hull Size	Flush Screened Thru-Hull Size
931152 1/2"(12.7mm)	932152 1/2"(12.7mm)	937352 1/2"(12.7mm)	936352 1/2"(12.7mm)
931153 3/4"(19.05mm)	932153 3/4"(19.05mm)	937353 3/4"(19.05mm)	936353 3/4"(19.05mm)
931154 1"(25.4mm)	932154 1"(25.4mm)	937354 1"(25.4mm)	936354 1"(25.4mm)
931155 1-1/4"(31.75mm)	932155 1-1/4"(31.75mm)	937355 1-1/4"(31.75mm)	936355 1-1/4"(31.75mm)
931156 1-1/2"(38.1mm)	932156 1-1/2"(38.1mm)	937356 1-1/2"(38.1mm)	936356 1-1/2"(38.1mm)
931158 2"(50.8mm)	932158 2"(50.8mm)	937358 2"(50.8mm)	936358 2"(50.8mm)

## OEM SALES ONLY



Mushroom Thru-Hull Size	Flush Thru-Hull Size	Mushroom Screened Thru-Hull Size	Flush Screened Thru-Hull Size
931262 1/2"(12.7mm)	932262 1/2"(12.7mm)	937462 1/2"(12.7mm)	936462 1/2"(12.7mm)
931263 3/4"(19.05mm)	932263 3/4"(19.05mm)	937463 3/4"(19.05mm)	936463 3/4"(19.05mm)
931264 1"(25.4mm)	932264 1"(25.4mm)	937464 1"(25.4mm)	936464 1"(25.4mm)
931265 1-1/4"(31.75mm)	932265 1-1/4"(31.75mm)	937465 1-1/4"(31.75mm)	936465 1-1/4"(31.75mm)
931266 1-1/2"(38.1mm)	932266 1-1/2"(38.1mm)	937466 1-1/2"(38.1mm)	936466 1-1/2"(38.1mm)
931268 2"(50.8mm)	932268 2"(50.8mm)	937468 2"(50.8mm)	936468 2"(50.8mm)

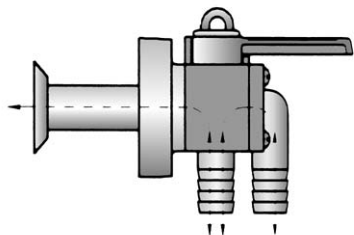
## OEM SALES ONLY



Mushroom Thru-Hull Size	Flush Thru-Hull Size	Mushroom Screened Thru-Hull Size	Flush Screened Thru-Hull Size
931232 1/2"(12.7mm)	932232 1/2"(12.7mm)	937432 1/2"(12.7mm)	936432 1/2"(12.7mm)
931233 3/4"(19.05mm)	932233 3/4"(19.05mm)	937433 3/4"(19.05mm)	936433 3/4"(19.05mm)
931234 1"(25.4mm)	932234 1"(25.4mm)	937434 1"(25.4mm)	936434 1"(25.4mm)
931235 1-1/4"(31.75mm)	932235 1-1/4"(31.75mm)	937435 1-1/4"(31.75mm)	936435 1-1/4"(31.75mm)
931236 1-1/2"(38.1mm)	932236 1-1/2"(38.1mm)	937436 1-1/2"(38.1mm)	936436 1-1/2"(38.1mm)
931238 2"(50.8mm)	932138 2"(50.8mm)	937438 2"(50.8mm)	9364382"(50.8mm)

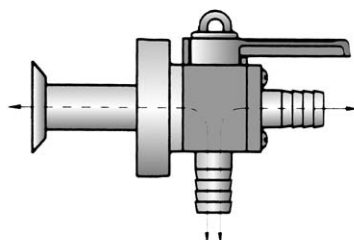
FORESPAR® "93" SERIES OF VALVES AND THRU-HULL FITTINGS MEET ALL DESIGN CRITERIA AND EXCEED ALL MECHANICAL PROPERTY REQUIREMENTS SPECIFIED BY THE INTERNATIONAL STANDARDS ORGANIZATION (ISO 150/188) "SMALL CRAFT-SEACOCKS AND THRU-HULL FITTINGS-PART 2: NON-METALLIC"

## Original Equipment Manufacture - OEM SALES ONLY



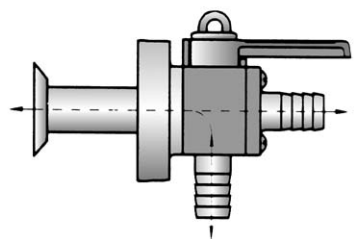
Mushroom Thru-Hull Size	Flush Thru-Hull Size	Mushroom Screened Thru-Hull Size	Flush Screened Thru-Hull Size
931252 1/2"(12.7mm)	932252 1/2"(12.7mm)	937452 1/2"(12.7mm)	936452 1/2"(12.7mm)
931253 3/4"(19.05mm)	932253 3/4"(19.05mm)	937453 3/4"(19.05mm)	936453 3/4"(19.05mm)
931254 1"(25.4mm)	932254 1"(25.4mm)	937454 1"(25.4mm)	936454 1"(25.4mm)
931255 1-1/4"(31.75mm)	932255 1-1/4"(31.75mm)	937455 1-1/4"(31.75mm)	936455 1-1/4"(31.75mm)
931256 1-1/2"(38.1mm)	932256 1-1/2"(38.1mm)	937456 1-1/2"(38.1mm)	936456 1-1/2"(38.1mm)
931258 2"(50.8mm)	932258 2"(50.8mm)	937458 2"(50.8mm)	936458 2"(50.8mm)

## OEM SALES ONLY



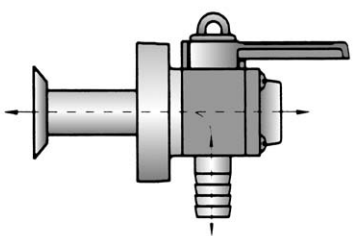
Mushroom Thru-Hull Size	Flush Thru-Hull Size	Mushroom Screened Thru-Hull Size	Flush Screened Thru-Hull Size
931242 1/2"(12.7mm)	932242 1/2"(12.7mm)	937442 1/2"(12.7mm)	936442 1/2"(12.7mm)
931243 3/4"(19.05mm)	932243 3/4"(19.05mm)	937443 3/4"(19.05mm)	936443 3/4"(19.05mm)
931244 1"(25.4mm)	932244 1"(25.4mm)	937444 1"(25.4mm)	936444 1"(25.4mm)
931245 1-1/4"(31.75mm)	932245 1-1/4"(31.75mm)	937445 1-1/4"(31.75mm)	936445 1-1/4"(31.75mm)
931246 1-1/2"(38.1mm)	932246 1-1/2"(38.1mm)	937446 1-1/2"(38.1mm)	936446 1-1/2"(38.1mm)
931248 2"(50.8mm)	932248 2"(50.8mm)	937448 2"(50.8mm)	936448 2"(50.8mm)

## OEM SALES ONLY



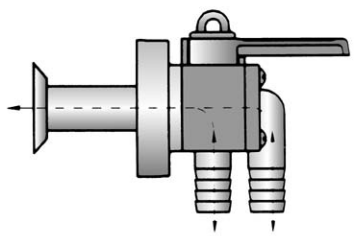
Mushroom Thru-Hull Size	Flush Thru-Hull Size	Mushroom Screened Thru-Hull Size	Flush Screened Thru-Hull Size
931542 1/2"(12.7mm)	932542 1/2"(12.7mm)	937642 1/2"(12.7mm)	936642 1/2"(12.7mm)
931543 3/4"(19.05mm)	932543 3/4"(19.05mm)	937643 3/4"(19.05mm)	936643 3/4"(19.05mm)
931544 1"(25.4mm)	932544 1"(25.4mm)	937644 1"(25.4mm)	936644 1"(25.4mm)
931545 1-1/4"(31.75mm)	932545 1-1/4"(31.75mm)	937645 1-1/4"(31.75mm)	936645 1-1/4"(31.75mm)
931546 1-1/2"(38.1mm)	932546 1-1/2"(38.1mm)	937646 1-1/2"(38.1mm)	936646 1-1/2"(38.1mm)
931548 2"(50.8mm)	932548 2"(50.8mm)	937648 2"(50.8mm)	936648 2"(50.8mm)

## OEM SALES ONLY



Mushroom Thru-Hull Size	Flush Thru-Hull Size	Mushroom Screened Thru-Hull Size	Flush Screened Thru-Hull Size
931532 1/2"(12.7mm)	932532 1/2"(12.7mm)	937632 1/2"(12.7mm)	936632 1/2"(12.7mm)
931533 3/4"(19.05mm)	932533 3/4"(19.05mm)	937633 3/4"(19.05mm)	936633 3/4"(19.05mm)
931534 1"(25.4mm)	932534 1"(25.4mm)	937634 1"(25.4mm)	936634 1"(25.4mm)
931535 1-1/4"(31.75mm)	932535 1-1/4"(31.75mm)	937635 1-1/4"(31.75mm)	936635 1-1/4"(31.75mm)
931536 1-1/2"(38.1mm)	932536 1-1/2"(38.1mm)	937636 1-1/2"(38.1mm)	936636 1-1/2"(38.1mm)
931538 2"(50.8mm)	932538 2"(50.8mm)	937638 2"(50.8mm)	936638 2"(50.8mm)

## OEM SALES ONLY



Mushroom Thru-Hull Size	Flush Thru-Hull Size	Mushroom Screened Thru-Hull Size	Flush Screened Thru-Hull Size
931552 1/2"(12.7mm)	932552 1/2"(12.7mm)	937652 1/2"(12.7mm)	936652 1/2"(12.7mm)
931553 3/4"(19.05mm)	932553 3/4"(19.05mm)	937653 3/4"(19.05mm)	936653 3/4"(19.05mm)
931554 1"(25.4mm)	932554 1"(25.4mm)	937654 1"(25.4mm)	936654 1"(25.4mm)
931555 1-1/4"(31.75mm)	932555 1-1/4"(31.75mm)	937655 1-1/4"(31.75mm)	936655 1-1/4"(31.75mm)
931556 1-1/2"(38.1mm)	932556 1-1/2"(38.1mm)	937656 1-1/2"(38.1mm)	936656 1-1/2"(38.1mm)
931558 2"(50.8mm)	932558 2"(50.8mm)	937658 2"(50.8mm)	936658 2"(50.8mm)

FORESPAR® "93" SERIES OF VALVES AND THRU-HULL FITTINGS MEET ALL DESIGN CRITERIA AND EXCEED ALL MECHANICAL PROPERTY REQUIREMENTS SPECIFIED BY THE INTERNATIONAL STANDARDS ORGANIZATION (ISO 150/188) "SMALL CRAFT-SEACOCKS AND THRU-HULL FITTINGS-PART 2: NON-METALLIC"