

ZINC PLATED STEEL INSERT FITTINGS

APPLICATIONS:

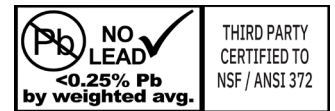
- Insert fittings are intended for cold water applications including irrigation, well service, and potable water applications. These products are not to be used with compressed gases.
- Fittings must be protected from freezing temperatures where fluid expansion due to freezing could occur.

SPECIFICATIONS:

- Made from no lead, zinc plated steel. Material conforms to ASTM A53.
- Threads conform to ANSI/ASME B1.20.1
- For use with ASTM D2239 polyethylene (PE) plastic pipe (Standard Specification for Polyethylene (PE) Pipe (SIDR-PR) Based on Controlled Inside Diameter)
- System operating pressures and temperatures are limited by the maximum operating pressures and temperatures of the ASTM D2239 PE plastic pipe. Always refer to the PE pipe manufacturer's pressure and temperature ratings.

CERTIFICATION:

- NSF/ANSI Standard 372 Certified (Drinking Water System Components - Lead Content)



PRESSURE & TEMPERATURE RATINGS FOR ZINC PLATED STEEL INSERT FITTINGS			
Temperature		Pressure	
°F	°C	PSI	bar
73.4	23	400	27.6
150	65.5	300	20.7
200	93.3	265	18.3
250	121.1	225	15.5
300	148.8	165	11.4
350	176.6	150	10.3
400	204.4	125	8.6

Pressure rating charts should be used as a guide only. For pressures over the stated maximum or temperatures over 73.4 °F (23 °C), independent testing by the end user is recommended. It is solely the user's responsibility to determine the suitability of the fitting for the intended service.



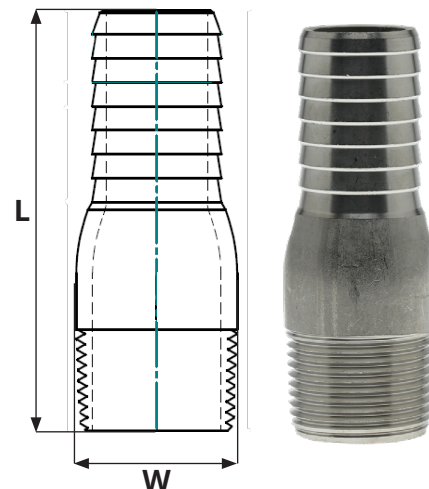
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ZPMA SERIES - ZINC PLATED STEEL ADAPTER

■ MPT x Poly Insert Barb

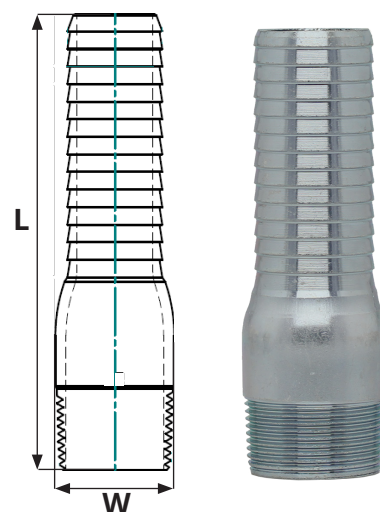
DIMENSIONS							
Part No.	Size (MPTxPoly)	No. of Barbs	W		L		Weight grams
			in	mm	in	mm	
ZPMA-050	1/2"x1/2"	6	0.87	22.1	3.09	78.5	68.5
ZPMA-075	3/4"x3/4"	6	1.08	27.4	3.15	80.0	105.2
ZPMA-100-125	1"x1-1/4"	7	1.41	35.8	3.75	95.3	220.0
ZPMA-100	1"x1"	7	1.35	34.3	3.50	88.9	167.4
ZPMA-125-100	1-1/4"x1"	7	1.69	40.9	3.75	95.3	223.6
ZPMA-125	1-1/4"x1-1/4"	7	1.69	40.9	3.75	95.3	266.7
ZPMA-150	1-1/2"x1-1/2"	9	1.93	49.0	4.25	108.0	355.6
ZPMA-200	2"x2"	9	2.41	61.2	4.40	111.8	497.1
ZPMA-250	2-1/2"x2-1/2"	11	2.83	71.9	6.02	152.9	922.6
ZPMA-300	3"x3"	11	3.44	87.4	6.00	152.4	1140.8
ZPMA-400	4"x4"	15	4.46	113.3	7.50	190.5	2195.4



ZPMAXL SERIES - ZINC PLATED STEEL EXTRA LONG ADAPTER

■ MPT x Poly Insert Barb

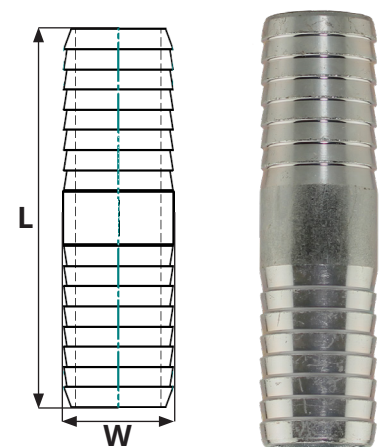
DIMENSIONS							
Part No.	Size (MPTxPoly)	No. of Barbs	W		L		Weight grams
			in	mm	in	mm	
ZPMAXL-100	1"x1"	13	1.35	34.3	5.20	132.1	240.9
ZPMAXL-125	1-1/4"x1-1/4"	14	1.69	42.9	5.20	132.1	353.8



ZPC SERIES - ZINC PLATED STEEL COUPLING

■ Poly Insert Barb x Poly Insert Barb

DIMENSIONS							
Part No.	Size (PolyxPoly)	No. of Barbs	W		L		Weight grams
			in	mm	in	mm	
ZPC-050	1/2"x1/2"	6	0.65	16.5	3.50	88.9	62.1
ZPC-075	3/4"x3/4"	6	0.85	21.6	3.50	88.9	83.5
ZPC100	1"x1"	7	1.08	27.4	3.75	95.3	146.5
ZPC-125	1-1/4"x1-1/4"	7	1.41	35.8	4.00	101.6	226.3
ZPC-150	1-1/2"x1-1/2"	9	1.65	41.9	4.75	120.7	334.3
ZPC-200	2"x2"	9	2.11	53.6	4.75	120.7	419.1
ZPC-250	2-1/2"x2-1/2"	11	2.50	63.5	7.00	177.8	1030.1
ZPC-300	3"x3"	11	3.11	79.9	7.00	177.8	1309.1
ZPC-400	4"x4"	15	4.07	103.4	9.00	228.6	2593.2



For more information on installation, adjustment, repair & operation, visit Boshart Knowledge Base at SUPPORT.BOSHART.COM



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