



# BLAST NOZZLES



PART NUMBERS AND SCHEMATICS GUIDE

## Company Profile

Allredi was formed in the early 2020, when two of the largest distributors in the blasting, coating, safety, and environmental industry, APE Companies and Marco Group International, joined forces. While the qualities both companies are known for have not changed, a lot about our business is new. New abilities. New agilities. New ways to help you win. This calls for a new name, Allredi.

This name exemplifies what we have become. It is completely oriented to the needs of our customers. To your needs. It says that when you call us for anything – products, service, expert advice, anything – you can consider it done. Or even better, Allredi done.

We are your right-now supplier. From skills to SKUs, we deliver the goods fast. So you can be more agile every minute, every day. This is who we are. This is what our new name means. Go ahead and expect excellence, because we're bringing it.

## Our Mission and Vision

To be the industry's preferred partner in surface preparation solutions through unrivaled technical expertise, customer experience, product availability, and tailored service offerings.

## The Allredi Difference

- **Industry Experience** – With Allredi on your team, you have access to expertise which can only come from decades of industry leadership. We have organized our engineering department, production specialists, customer operations, and safety support into a "Center of Competence." As an Allredi customer, you have access to hundreds of years of cumulative experience related to your operations.
- **Manufacturing Excellence** – Allredi is a U.S. based manufacturer of equipment for the Surface Preparation and Protective Coatings industries. Allredi's engineers benchmark the industry to ensure that we design and manufacture superior products that set the "Gold Standard" for performance, safety, and quality.
- **Legendary Customer Service** – Allredi's legendary customer service team is staffed by friendly, highly-trained individuals who are focused on providing the highest level of product support, order accuracy, and customer satisfaction.
- **Product Availability** – We stock over 10,000 SKU's and have over 45 shipping locations to serve North American and International markets for all major brands of blasting, coating, environmental, and safety equipment. Allredi is your right-now supplier, so you can keep your projects moving. From our foundation of strong relationships, we have built a nationwide network that puts vast inventory and ready service close to our customers. We provide advanced expertise, and we deliver the goods fast – so you can easily access the products and services you need to me more agile every minute, every day.
- **Technology Leadership** – Our website provides: Operator's Manuals, Part Numbers and Schematics Guides, SDS information, and key product features and specifications, providing access to information 24/7.

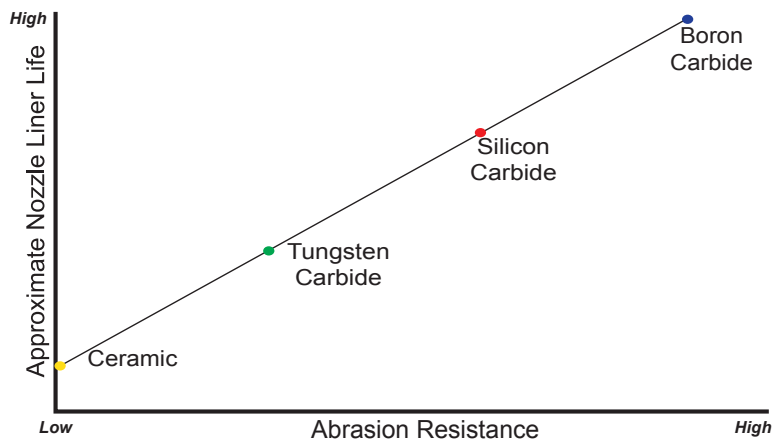
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# AIR & ABRASIVE CONSUMPTION CHART

NOZZLE ORIFICE	PRESSURE AT THE NOZZLE (PSI)								AIR IN CFM ABRASIVE & HP REQUIREMENTS
	50	60	70	80	90	100	125	140	
No. 2 (1/8")	11	13	15	17	18	20	25	28	AIR (CFM)
	67	77	88	101	112	123	152	170	ABRASIVES (LBS./HR.)
	2.5	3	3.5	4	4.5	5	5.5	6.2	COMPRESSOR (HP)
No. 3 (3/16")	26	30	33	38	41	45	55	62	AIR (CFM)
	150	171	196	216	238	264	319	357	ABRASIVES (LBS./HR.)
	6	7	8	9	10	10	12	13	COMPRESSOR (HP)
No. 4 (1/4")	47	54	61	68	74	81	98	110	AIR (CFM)
	268	312	354	408	448	494	608	681	ABRASIVES (LBS./HR.)
	11	12	14	16	17	18	22	25	COMPRESSOR (HP)
No. 5 (5/16")	77	89	101	113	126	137	168	188	AIR (CFM)
	468	534	604	672	740	812	982	1100	ABRASIVES (LBS./HR.)
	18	20	23	26	28	31	37	41	COMPRESSOR (HP)
No. 6 (3/8")	108	126	143	161	173	196	237	265	AIR (CFM)
	668	764	864	960	1052	1152	1393	1560	ABRASIVES (LBS./HR.)
	24	28	32	36	39	44	52	58	COMPRESSOR (HP)
No. 7 (7/16")	147	170	194	217	240	254	314	352	AIR (CFM)
	896	1032	1176	1312	1448	1584	1931	2163	ABRASIVES (LBS./HR.)
	33	38	44	49	54	57	69	77	COMPRESSOR (HP)
No. 8 (1/2")	195	224	252	280	309	338	409	458	AIR (CFM)
	1160	1336	1512	1680	1856	2024	2459	2754	ABRASIVES (LBS./HR.)
	44	50	56	63	69	75	90	101	COMPRESSOR (HP)
No. 10 (5/8")	308	356	404	452	504	548	663	742	AIR (CFM)
	1875	2140	2422	2690	2973	3250	3932	4405	ABRASIVES (LBS./HR.)
	65.8	79.5	90	100.5	112	122	146	165	COMPRESSOR (HP)
No. 12 (3/4")	432	504	572	644	692	784	948	1062	AIR (CFM)
	2672	2056	3456	3840	4208	4608	5570	6238	ABRASIVES (LBS./HR.)
	96	112	127	143	154	174.5	209	236	COMPRESSOR (HP)

## Nozzle Liner Abrasion Resistance



## MARCO® SILICON CARBIDE ALL POLY NOZZLES

MARCO® SILICON CARBIDE ALL POLY NOZZLES									
Part Numbers	Size	Orifice Size	Nozzle Entry	Thread Size	Overall Length	Jacket Material	Thread Material	Liner Material	Nozzle Type
10SN4UN	4	1/4"	1"	1-1/4"	5-1/2"	Polyurethane	Polyurethane	Silicon Carbide	Long Venturi
10SN5UN	5	5/16"	1"	1-1/4"	6"	Polyurethane	Polyurethane	Silicon Carbide	Long Venturi
10SN6UN	6	3/8"	1"	1-1/4"	7"	Polyurethane	Polyurethane	Silicon Carbide	Long Venturi
10SN7UN	7	7/16"	1"	1-1/4"	8"	Polyurethane	Polyurethane	Silicon Carbide	Long Venturi
10SN8UN	8	1/2"	1"	1-1/4"	9"	Polyurethane	Polyurethane	Silicon Carbide	Long Venturi
10SN450UN	4	1/4"	1"	50MM	5-1/2"	Polyurethane	Polyurethane	Silicon Carbide	Long Venturi
10SN550UN	5	5/16"	1-1/4"	50MM	6"	Polyurethane	Polyurethane	Silicon Carbide	Long Venturi
10SN650UN	6	3/8"	1-1/4"	50MM	7"	Polyurethane	Polyurethane	Silicon Carbide	Long Venturi
10SN750UN	7	7/16"	1-1/4"	50MM	8"	Polyurethane	Polyurethane	Silicon Carbide	Long Venturi
10SN850UN	8	1/2"	1-1/4"	50MM	9"	Polyurethane	Polyurethane	Silicon Carbide	Long Venturi



## MARCO® TUNGSTEN CARBIDE BRASS POLY NOZZLES

MARCO® TUNGSTEN CARBIDE BRASS POLY NOZZLES									
Part Numbers	Size	Orifice Size	Nozzle Entry	Thread Size	Overall Length	Jacket Material	Thread Material	Liner Material	Nozzle Type
10TC3BP	3	3/16"	1"	1-1/4"	4-3/8"	Polyurethane	Brass	Tungsten Carbide	Long Venturi
10TC4BP	4	1/4"	1"	1-1/4"	5-1/4"	Polyurethane	Brass	Tungsten Carbide	Long Venturi
10TC5BP	5	5/16"	1"	1-1/4"	5-3/4"	Polyurethane	Brass	Tungsten Carbide	Long Venturi
10TC6BP	6	3/8"	1"	1-1/4"	6-1/2"	Polyurethane	Brass	Tungsten Carbide	Long Venturi
10TC7BP	7	7/16"	1"	1-1/4"	8"	Polyurethane	Brass	Tungsten Carbide	Long Venturi
10TC8BP	8	1/2"	1"	1-1/4"	8-3/4"	Polyurethane	Brass	Tungsten Carbide	Long Venturi
10TCW5BP	5	5/16"	1-1/4"	1-1/4"	5-3/4"	Polyurethane	Brass	Tungsten Carbide	Long Venturi
10TCW6BP	6	3/8"	1-1/4"	1-1/4"	6-3/4"	Polyurethane	Brass	Tungsten Carbide	Long Venturi
10TCW7BP	7	7/16"	1-1/4"	1-1/4"	8"	Polyurethane	Brass	Tungsten Carbide	Long Venturi
10TCW8BP	8	1/2"	1-1/4"	1-1/4"	9"	Polyurethane	Brass	Tungsten Carbide	Long Venturi



# MARCO® TUNGSTEN CARBIDE ALUMINUM ALLOY POLY NOZZLES

MARCO® TUNGSTEN CARBIDE ALUMINUM ALLOY POLY NOZZLES									
Part Numbers	Size	Orifice Size	Nozzle Entry	Thread Size	Overall Length	Jacket Material	Thread Material	Liner Material	Nozzle Type
10TC3AU	3	3/16"	1"	1-1/4"	4-3/8"	Polyurethane	Aluminum Alloy	Tungsten Carbide	Long Venturi
10TC4AU	4	1/4"	1"	1-1/4"	5-1/4"	Polyurethane	Aluminum Alloy	Tungsten Carbide	Long Venturi
10TC5AU	5	5/16"	1"	1-1/4"	5-3/4"	Polyurethane	Aluminum Alloy	Tungsten Carbide	Long Venturi
10TC6AU	6	3/8"	1"	1-1/4"	6-1/2"	Polyurethane	Aluminum Alloy	Tungsten Carbide	Long Venturi
10TC7AU	7	7/16"	1"	1-1/4"	8"	Polyurethane	Aluminum Alloy	Tungsten Carbide	Long Venturi
10TC8AU	8	1/2"	1"	1-1/4"	8-3/4"	Polyurethane	Aluminum Alloy	Tungsten Carbide	Long Venturi
10TCW5AU	5	5/16"	1-1/4"	1-1/4"	5-3/4"	Polyurethane	Aluminum Alloy	Tungsten Carbide	Long Venturi
10TCW6AU	6	3/8"	1-1/4"	1-1/4"	6-3/4"	Polyurethane	Aluminum Alloy	Tungsten Carbide	Long Venturi
10TCW7AU	7	7/16"	1-1/4"	1-1/4"	8"	Polyurethane	Aluminum Alloy	Tungsten Carbide	Long Venturi
10TCW8AU	8	1/2"	1-1/4"	1-1/4"	9"	Polyurethane	Aluminum Alloy	Tungsten Carbide	Long Venturi



## MARCO® TUNGSTEN CARBIDE LINER WITH POLYURETHANE JACKET NOZZLES

MARCO® TUNGSTEN CARBIDE ALL POLY NOZZLES									
Part Numbers	Size	Orifice Size	Nozzle Entry	Thread Size	Overall Length	Jacket Material	Thread Material	Liner Material	Nozzle Type
<b>10TC3UN</b>	3	3/16"	1"	1-1/4"	4-1/2"	Polyurethane	Polyurethane	Tungsten Carbide	Long Venturi
<b>10TC4UN</b>	4	1/4"	1"	1-1/4"	5-1/4"	Polyurethane	Polyurethane	Tungsten Carbide	Long Venturi
<b>10TC5UN</b>	5	5/16"	1"	1-1/4"	5-3/4"	Polyurethane	Polyurethane	Tungsten Carbide	Long Venturi
<b>10TC6UN</b>	6	3/8"	1"	1-1/4"	6-3/4"	Polyurethane	Polyurethane	Tungsten Carbide	Long Venturi
<b>10TC7UN</b>	7	7/16"	1"	1-1/4"	8"	Polyurethane	Polyurethane	Tungsten Carbide	Long Venturi
<b>10TC8UN</b>	8	1/2"	1"	1-1/4"	9"	Polyurethane	Polyurethane	Tungsten Carbide	Long Venturi
<b>10TCW550UN</b>	5	5/16"	1-1/4"	50MM	5-3/4"	Polyurethane	Polyurethane	Tungsten Carbide	Long Venturi
<b>10TCW650UN</b>	6	3/8"	1-1/4"	50MM	6-3/4"	Polyurethane	Polyurethane	Tungsten Carbide	Long Venturi
<b>10TCW750UN</b>	7	7/16"	1-1/4"	50MM	8"	Polyurethane	Polyurethane	Tungsten Carbide	Long Venturi
<b>10TCW850UN</b>	8	1/2"	1-1/4"	50MM	9"	Polyurethane	Polyurethane	Tungsten Carbide	Long Venturi





## SILVER TIP NOZZLES

SILVER TIP NOZZLES									
Part Numbers	Size	Orifice Size	Nozzle Entry	Thread Size	Overall Length	Jacket Material	Thread Material	Liner Material	Nozzle Type
10TCW750AN	7	7/16"	1-1/4"	50MM	8"	Aluminum	Aluminum	Tungsten Carbide	Long Venturi
10TCW850AN	8	1/2"	1-1/4"	50MM	9"	Aluminum	Aluminum	Tungsten Carbide	Long Venturi
10TCW1050AN	10	5/8"	1-1/4"	50MM	9"	Aluminum	Aluminum	Tungsten Carbide	Long Venturi
10TCW1250AN	12	3/4"	1-1/4"	50MM	9"	Aluminum	Aluminum	Tungsten Carbide	Long Venturi



## FLANGED NOZZLES

FLANGED NOZZLES									
Part Numbers	Size	Orifice Size	Nozzle Entry	Thread Size	Overall Length	Jacket Material	Thread Material	Liner Material	Nozzle Type
<b>10TCW5FN</b>	5	5/16"	1-1/4"	Flanged	5-3/4"	Aluminum	—	Tungsten Carbide	Long Venturi
<b>10TCW6FN</b>	6	3/8"	1-1/4"	Flanged	6-1/2"	Polyurethane	—	Tungsten Carbide	Long Venturi
<b>10TCW7FN</b>	7	7/16"	1-1/4"	Flanged	7-3/4"	Polyurethane	—	Tungsten Carbide	Long Venturi
<b>10TCW8FN</b>	8	1/2"	1-1/4"	Flanged	8"	Polyurethane	—	Tungsten Carbide	Long Venturi
<b>10TCW10FN</b>	10	5/8"	1-1/4"	Flanged	9"	Aluminum	—	Tungsten Carbide	Long Venturi
<b>10TCW12FN</b>	12	3/4"	1-1/4"	Flanged	9"	Aluminum	—	Tungsten Carbide	Long Venturi



## DOUBLE VENTURI NOZZLES

DOUBLE VENTURI NOZZLES									
Part Numbers	Size	Orifice Size	Nozzle Entry	Thread Size	Overall Length	Jacket Material	Thread Material	Liner Material	Nozzle Type
10TC4DV	4	1/4"	1"	1-1/4"	5-3/4"	Aluminum	Aluminum	Tungsten Carbide	Double Venturi
10TC5DV	5	5/16"	1"	1-1/4"	6-1/2"	Aluminum	Aluminum	Tungsten Carbide	Double Venturi
10TC6DV	6	3/8"	1"	1-1/4"	7"	Aluminum	Aluminum	Tungsten Carbide	Double Venturi
10TC7DV	7	7/16"	1"	1-1/4"	8-1/2"	Aluminum	Aluminum	Tungsten Carbide	Double Venturi
10TC8DV	8	1/2"	1"	1-1/4"	9-1/4"	Aluminum	Aluminum	Tungsten Carbide	Double Venturi



## XL NOZZLES

Part Numbers	XL NOZZLES								
	Size	Orifice Size	Nozzle Entry	Thread Size	Overall Length	Jacket Material	Thread Material	Liner Material	Nozzle Type
10BDSN1596XL12	6	3/8"	1-1/4"	1-1/4"	12"	Aluminum	Aluminum	Sialon	Venturi
10BDSN159650XL12	6	3/8"	1-1/4"	50MM	12"	Aluminum	Aluminum	Sialon	Venturi
10BDSN15970XL12	7	7/16"	1-1/4"	1-1/4"	12"	Aluminum	Aluminum	Sialon	Venturi
10BDSN159750XL12	7	7/16"	1-1/4"	50MM	12"	Aluminum	Aluminum	Sialon	Venturi
10BDSN1598XL12	8	1/2"	1-1/4"	1-1/4"	12"	Aluminum	Aluminum	Sialon	Venturi
10BDSN159850XL12	8	1/2"	1-1/4"	50MM	12"	Aluminum	Aluminum	Sialon	Venturi
10BDT159850PXL12	8	1/2"	1-1/4"	50MM	12"	Aluminum	Aluminum	Tungsten Carbide	Venturi
10BDSN1591050XL12	10	5/8"	1-1/4"	50MM	12"	Aluminum	Aluminum	Sialon	Venturi



## BLAST NINJA NOZZLES

### KENNAMETAL BLAST NINJA NOZZLES - ALL POLY

Part Numbers	Size	Orifice Size	Nozzle Entry	Thread Size	Overall Length	Jacket Material	Thread Material	Liner Material	Nozzle Type
<b>10BDSH4AP</b>	4	1/4"	1-1/4"	1-1/4"	7.8"	Polyurethane	Polyurethane	Tungsten Carbide	Venturi
<b>10BDSH450AP</b>	4	1/4"	1-1/4"	50MM	7.8"	Polyurethane	Polyurethane	Tungsten Carbide	Venturi
<b>10BDSH5AP</b>	5	1/4"	1-1/4"	1-1/4"	8.3"	Polyurethane	Polyurethane	Tungsten Carbide	Venturi
<b>10BDSH550AP</b>	5	5/16"	1-1/4"	50MM	8.3"	Polyurethane	Polyurethane	Tungsten Carbide	Venturi
<b>10BDSH6AP</b>	6	3/8"	1-1/4"	1-1/4"	9.3"	Polyurethane	Polyurethane	Tungsten Carbide	Venturi
<b>10BDSH650AP</b>	6	3/8"	1-1/4"	50MM	9.3"	Polyurethane	Polyurethane	Tungsten Carbide	Venturi



### KENNAMETAL BLAST NINJA NOZZLES - BRASS POLY

Part Numbers	Size	Orifice Size	Nozzle Entry	Thread Size	Overall Length	Jacket Material	Thread Material	Liner Material	Nozzle Type
<b>10BDSH4PPRO</b>	4	1/4"	1-1/4"	1-1/4"	7.7"	Polyurethane	Brass	SiAION	Venturi
<b>10BDSH450PPRO</b>	4	1/4"	1-1/4"	50MM	7.7"	Polyurethane	Brass	SiAION	Venturi
<b>10BDSH5PPRO</b>	5	5/16"	1-1/4"	1-1/4"	8.2"	Polyurethane	Brass	SiAION	Venturi
<b>10BDSH550PPRO</b>	5	5/16"	1-1/4"	50MM	8.2"	Polyurethane	Brass	SiAION	Venturi
<b>10BDSH6PPRO</b>	6	3/8"	1-1/4"	1-1/4"	9.2"	Polyurethane	Brass	SiAION	Venturi
<b>10BDSH650PPRO</b>	6	3/8"	1-1/4"	50MM	9.2"	Polyurethane	Brass	SiAION	Venturi



## MARCO® SHORT VENTURI NOZZLES

MARCO® SHORT VENTURI NOZZLES									
Part Numbers	Size	Orifice Size	Nozzle Entry	Thread Size	Overall Length	Jacket Material	Thread Material	Liner Material	Nozzle Type
10TC3SV	3	3/16"	1"	1-1/4"	3-1/2"	Polyurethane	Polyurethane	Tungsten Carbide	Short Venturi
10TC4SV	4	1/4"	1"	1-1/4"	3-1/2"	Polyurethane	Polyurethane	Tungsten Carbide	Short Venturi
10TC5SV	5	5/16"	1"	1-1/4"	3-1/2"	Polyurethane	Polyurethane	Tungsten Carbide	Short Venturi
10TC6SV	6	3/8"	1"	1-1/4"	3-1/2"	Polyurethane	Polyurethane	Tungsten Carbide	Short Venturi
10TC7SV	7	7/16"	1"	1-1/4"	3-1/2"	Polyurethane	Polyurethane	Tungsten Carbide	Short Venturi
10TC8SV	8	1/2"	1"	1-1/4"	3-1/2"	Polyurethane	Polyurethane	Tungsten Carbide	Short Venturi



## STRAIGHT BORE NOZZLES

STRAIGHT BORE NOZZLES									
Part Numbers	Size	Orifice Size	Nozzle Entry	Thread Size	Overall Length	Jacket Material	Thread Material	Liner Material	Nozzle Type
10AT2	2	1/8"	1/2"	3/4"	1-3/4"	Steel	Steel	Tungsten Carbide	Straight Bore
10AT3	3	3/16"	1/2"	3/4"	1-3/4"	Steel	Steel	Tungsten Carbide	Straight Bore
10AT4	4	1/4"	1/2"	3/4"	1-3/4"	Steel	Steel	Tungsten Carbide	Straight Bore
10AT5	5	5/16"	1/2"	3/4"	1-3/4"	Steel	Steel	Tungsten Carbide	Straight Bore
10AT6	6	3/8"	1/2"	3/4"	1-3/4"	Steel	Steel	Tungsten Carbide	Straight Bore
10AT8	8	1/2"	1/2"	3/4"	1-3/4"	Steel	Steel	Tungsten Carbide	Straight Bore



FAN NOZZLES									
Part Numbers	Size	Orifice Size	Nozzle Entry	Thread Size	Overall Length	Jacket Material	Thread Material	Liner Material	Nozzle Type
10BD2016063	6	3/8"	1"	1-1/4"	6-3/8"	Polyurethane	Polyurethane	Tungsten Carbide	Fan
10BD2016064	6	3/8"	1"	50mm	6-3/8"	Polyurethane	Polyurethane	Tungsten Carbide	Fan



## MARCO® 45° ANGLE NOZZLES

### MARCO® 45° ANGLE NOZZLES – SINGLE OUTLET

Part Numbers	Size	Orifice Size	Nozzle Entry	Thread Size	Overall Length	Jacket Material	Thread Material	Liner Material	Nozzle Type
10TC4A145	4	1/4"	1"	1-1/4"	3-1/2"	—	Brass	Tungsten Carbide	Straight Bore
10TC5A145	5	5/16"	1"	1-1/4"	3-1/2"	—	Brass	Tungsten Carbide	Straight Bore
10TC6A145	6	3/8"	1"	1-1/4"	3-1/2"	—	Brass	Tungsten Carbide	Straight Bore



### MARCO® 45° ANGLE NOZZLES – TRIPLE OUTLET

Part Numbers	Size	Orifice Size	Nozzle Entry	Thread Size	Overall Length	Jacket Material	Thread Material	Liner Material	Nozzle Type
10TC4A345	4	1/4"	1"	1-1/4"	3-1/2"	—	Brass	Tungsten Carbide	Straight Bore
10TC5A345	5	5/16"	1"	1-1/4"	3-1/2"	—	Brass	Tungsten Carbide	Straight Bore
10TC6A345	6	3/8"	1"	1-1/4"	3-1/2"	—	Brass	Tungsten Carbide	Straight Bore





## 90° ANGLE NOZZLES

### 90° ANGLE NOZZLES – SINGLE OUTLET

Part Numbers	Size	Orifice Size	Nozzle Entry	Thread Size	Overall Length	Jacket Material	Thread Material	Liner Material	Nozzle Type
10BDT0903	3	3/16"	1"	1-1/4"	3-1/2"	—	Brass	Tungsten Carbide	Straight Bore
10BDT0905	5	5/16"	1"	1-1/4"	3-1/2"	—	Brass	Tungsten Carbide	Straight Bore
10BDT09060	6	3/8"	1"	1-1/4"	3-1/2"	—	Brass	Tungsten Carbide	Straight Bore
10BDT0908	8	1/2"	1"	1-1/4"	3-1/2"	—	Brass	Tungsten Carbide	Straight Bore



### 90° ANGLE NOZZLES – TRIPLE OUTLET

Part Numbers	Size	Orifice Size	Nozzle Entry	Thread Size	Overall Length	Jacket Material	Thread Material	Liner Material	Nozzle Type
10BDT09033	3	3/16"	1"	1-1/4"	3-1/2"	—	Brass	Tungsten Carbide	Straight Bore
10BDT09043	4	1/4"	1"	1-1/4"	3-1/2"	—	Brass	Tungsten Carbide	Straight Bore
10BDT09053	5	5/16"	1"	1-1/4"	3-1/2"	—	Brass	Tungsten Carbide	Straight Bore
10BDT09063	6	3/8"	1"	1-1/4"	3-1/2"	—	Brass	Tungsten Carbide	Straight Bore



## 125° REVERSE ANGLE NOZZLES

### 125° ANGLE NOZZLES – SINGLE OUTLET

Part Numbers	Size	Orifice Size	Nozzle Entry	Thread Size	Overall Length	Jacket Material	Thread Material	Liner Material	Nozzle Type
10BD1904530R	3	3/16"	1"	1-1/4"	3-1/2"	—	Brass	Tungsten Carbide	Straight Bore
10BD1904540R	4	1/4"	1"	1-1/4"	3-1/2"	—	Brass	Tungsten Carbide	Straight Bore
10BD1904560R	6	3/8"	1"	1-1/4"	3-1/2"	—	Brass	Tungsten Carbide	Straight Bore
10BD1904580R	8	1/2"	1"	1-1/4"	3-1/2"	—	Brass	Tungsten Carbide	Straight Bore



### 125° ANGLE NOZZLES – TRIPLE OUTLET

Part Numbers	Size	Orifice Size	Nozzle Entry	Thread Size	Overall Length	Jacket Material	Thread Material	Liner Material	Nozzle Type
10BD1904543R	4	1/4"	1"	1-1/4"	3-1/2"	—	Brass	Tungsten Carbide	Straight Bore
10BD1904553R	5	5/16"	1"	1-1/4"	3-1/2"	—	Brass	Tungsten Carbide	Straight Bore



## 135° REVERSE ANGLE NOZZLE & BANANA NOZZLES

135° ANGLE NOZZLE – SINGLE OUTLET									
Part Numbers	Size	Orifice Size	Nozzle Entry	Thread Size	Overall Length	Jacket Material	Thread Material	Liner Material	Nozzle Type
10BDBA1914460R	6	3/8"	3/4"	3/8"	3-1/8"	Steel	Steel	Tungsten Carbide	Straight Bore



BANANA NOZZLES									
Part Numbers	Size	Orifice Size	Nozzle Entry	Thread Size	Overall Length	Jacket Material	Thread Material	Liner Material	Nozzle Type
10BDBA23099A	4	1/4"	1/2"	3/4"	4-1/2"	Steel	Aluminum	Boron Carbide	—
10BDBA23099B	5	5/16"	1/2"	3/4"	4-1/2"	Steel	Aluminum	Boron Carbide	—
10BDBA23099C	6	3/8"	1/2"	3/4"	4-1/2"	Steel	Aluminum	Boron Carbide	—
10BDBA25064C*	—	—	—	1-1/4"	—	—	—	—	—

\* Banana Nozzle Adapter



## CERAMIC NOZZLES

CERAMIC NOZZLES									
Part Numbers	Size	Orifice Size	Nozzle Entry	Thread Size	Overall Length	Jacket Material	Thread Material	Liner Material	Nozzle Type
<b>10CN051T2*</b>	0	3/32"	5/16"	—	1-1/4"	—	—	Ceramic	Type 2
<b>10CN151T2*</b>	1	7/64"	5/16"	—	1-1/4"	—	—	Ceramic	Type 2
<b>10CN051</b>	1	3/32"	5/8"	—	3-3/4"	—	—	Ceramic	Type 1
<b>10CN251</b>	2	1/8"	5/8"	—	3-3/4"	—	—	Ceramic	Type 1
<b>10CN21251</b>	2-1/2	5/32"	5/8"	—	3-3/4"	—	—	Ceramic	Type 1
<b>10CN351</b>	3	3/16"	5/8"	—	3-3/4"	—	—	Ceramic	Type 1
<b>10CN451</b>	4	1/4"	5/8"	—	3-3/4"	—	—	Ceramic	Type 1
<b>10CN551</b>	5	5/16"	5/8"	—	3-3/4"	—	—	Ceramic	Type 1
<b>10CN651</b>	6	3/8"	5/8"	—	3-3/4"	—	—	Ceramic	Type 1

*\*Type 2 Ceramic Nozzle for use with KwikFire 154 Remote Control Switch Only*



# MARCO® WATER RING & WATER INDUCTION (W.I.N) NOZZLES






Part Numbers	WATER INDUCTION NOZZLE (WIN®)								
	Size	Orifice Size	Nozzle Entry	Thread Size	Overall Length	Jacket Material	Thread Material	Liner Material	Nozzle Type
10WIN4	4	1/4"	1"	1-1/4"	5-3/4"	Aluminum	Aluminum	Tungsten Carbide	Double Venturi
10WIN5	5	5/16"	1"	1-1/4"	6-1/4"	Aluminum	Aluminum	Tungsten Carbide	Double Venturi
10WIN6	6	3/8"	1"	1-1/4"	6-3/4"	Aluminum	Aluminum	Tungsten Carbide	Double Venturi
10WIN7	7	7/16"	1"	1-1/4"	8-1/4"	Aluminum	Aluminum	Tungsten Carbide	Double Venturi
10WIN8	8	1/2"	1"	1-1/4"	9"	Aluminum	Aluminum	Tungsten Carbide	Double Venturi
10WIN1912500	WIN Nozzle Hose								






Part Numbers	MARCO® WATER RING
10100720	Marco® Water Ring



## OPTIONAL ACCESSORIES

	Part Numbers	QUICK DISCONNECT NOZZLE HOLDERS		
		Material	Thread Style	Standard Lugs
	10NHAQ	Aluminum	1-1/4"	X
	10NHAQF	Aluminum	Flanged	X
	10NHBQF	Brass	Flanged	X
	10C07716	Nylon	1-1/4"	X
	10C07719	Nylon	50MM	X

	Part Numbers	COUPLING SCREWS			
		Type	Drive	Length	U.O.M.
	10HCS	Flat Head	Phillips	1/2"	50/Package
	10RHCS	Round Head	Phillips	1/2"	50/Package
	10HCSX	Round Head	Phillips	3/4"	One Each

## OPTIONAL ACCESSORIES







		ALUMINUM NOZZLE HOLDERS			
<b>Part Numbers</b>		<b>Material</b>	<b>Thread Style</b>	<b>Nozzle Washer</b>	<b>Hose O.D.</b>
	<b>10NHA050</b>	Aluminum	3/4"	10NW1	1-1/16"
	<b>10NHA12</b>	Aluminum	3/4"	10NW1	1-3/16"
	<b>10NHA1</b>	Aluminum	1-1/4"	10NW	1-1/2"
	<b>10NHA2</b>	Aluminum	1-1/4"	10NW	1-7/8"
	<b>10NHA3</b>	Aluminum	1-1/4"	10NW	2-5/32"
	<b>10NHA4</b>	Aluminum	1-1/4"	10NW	2-3/8"
	<b>10NHA150</b>	Aluminum	50MM	—	1-1/2"
	<b>10NHA250</b>	Aluminum	50MM	—	1-7/8"
	<b>10NHA350</b>	Aluminum	50MM	—	2-5/32"
	<b>10NHA450</b>	Aluminum	50MM	—	2-3/8"




## OPTIONAL ACCESSORIES

		BRASS NOZZLE HOLDERS			
<b>Part Numbers</b>		Material	Thread Style	Nozzle Washer	Hose O.D.
	<b>10NHB1</b>	Brass	1-1/4"	10NW	1-1/2"
	<b>10NHB2</b>	Brass	1-1/4"	10NW	1-7/8"
	<b>10NHB3</b>	Brass	1-1/4"	10NW	2-5/32"
	<b>10NHB4</b>	Brass	1-1/4"	10NW	2-3/8"
	<b>10NHB150</b>	Brass	50MM	—	1-1/2"
	<b>10NHB250</b>	Brass	50MM	—	1-7/8"
	<b>10NHB350</b>	Brass	50MM	—	2-5/32"
	<b>10NHB450</b>	Brass	50MM	—	2-3/8"



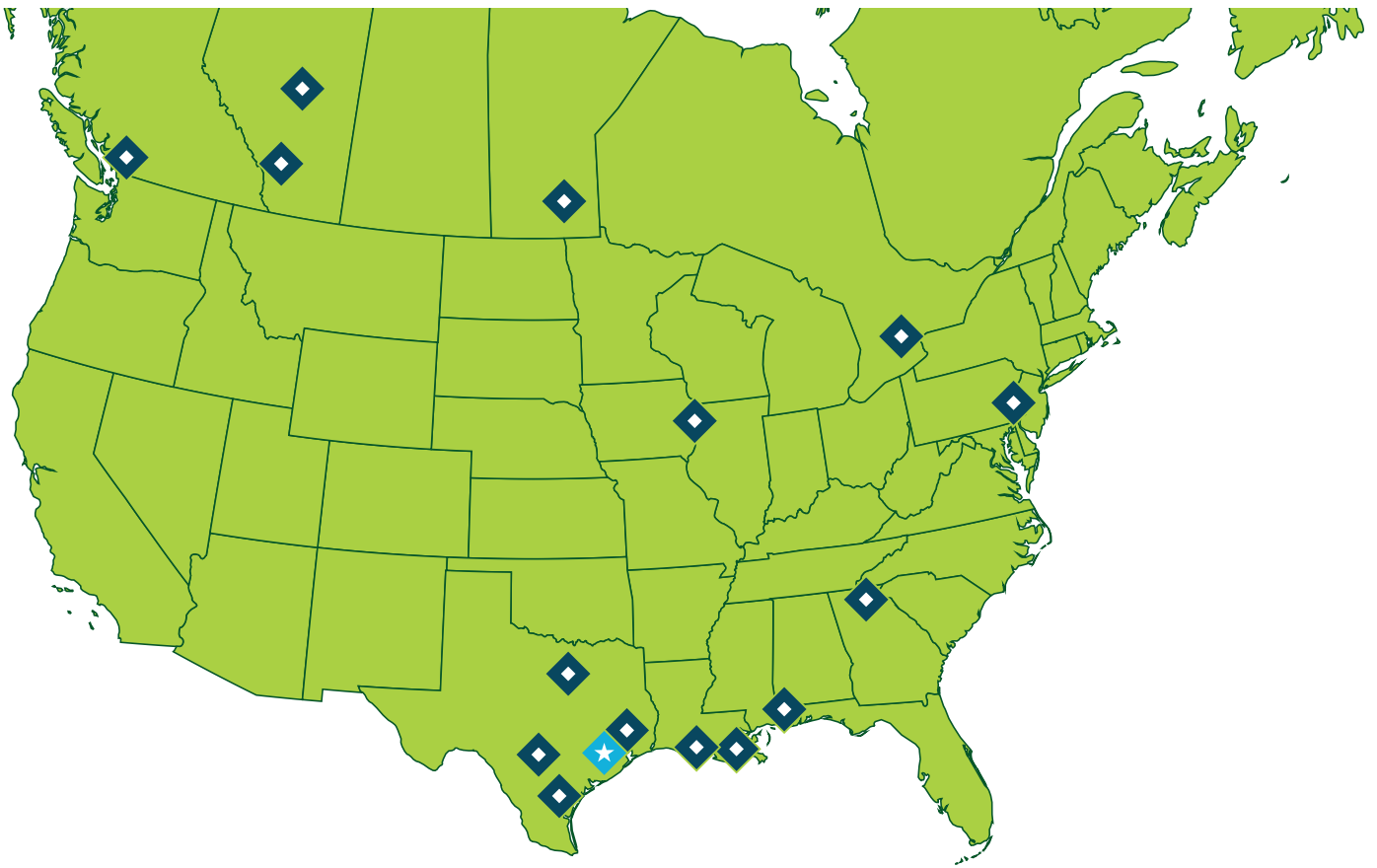
## OPTIONAL ACCESSORIES

		NYLON NOZZLE HOLDERS			
<b>Part Numbers</b>	<b>Material</b>	<b>Thread Style</b>	<b>Nozzle Washer</b>	<b>Hose O.D.</b>	
	10NHN1	Nylon	1-1/4"	10NW	1-1/2"
	10NHN2	Nylon	1-1/4"	10NW	1-7/8"
	10NHN3	Nylon	1-1/4"	10NW	2-5/32"
	10NHN150	Nylon	50MM	10NW50	1-1/2"
	10NHN250	Nylon	50MM	10NW50	1-7/8"
	10NHN350	Nylon	50MM	10NW50	2-5/32"

		NOZZLE WASHERS	
<b>Part Numbers</b>	<b>Gasket I.D.</b>	<b>U.O.M.</b>	
	10NW1	3/4"	10/Package
	10NW	1"	10/Package
	10NW50	1-1/4"	10/Package







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