

Choice Waterjet Parts offers a full range of Abrasive Waterjet Cutting Nozzles that balance your need for price, performance, and component life. The right nozzle selection results in reduced consumable cost, higher machine uptime and improved finish quality on the parts coming off your waterjet. Starting with a Standard Life nozzle, Choice moves up through the value stream to an Ultra and Premium Life product, each with increasing performance and nozzle life. All WSI Equivalent Nozzles are available with an optional Blast Disc / Nozzle Splash Guard. And remember, ***if you can't find the parts you are looking for...we will!***

**Standard Life Nozzle / Mixing Tube**



This carbide nozzle is considered a cost-optimized, yet quality entry level tool. This is the preferred tool for price sensitive shops that use their cutting equipment infrequently or for low volume test cuts. Most production operations will move to an Extended Life or Premium Life tool as the need for accuracy and nozzle cutting life increases.

***WSI Equivalent Nozzles, Standard Life – Preferred tool for price sensitive shops using their cutting equipment infrequently***

			Price Breaks		
Choice PN	WSI OEM Numbers	Description: I.D. x Length x O.D.	Qty 1 - 5	Qty 6 - 11	Qty 12 - 23
060550001	AB22C	Nozzle, Standard Life, .020 x 3" x .281	\$75.00	\$73.50	\$72.25
060550002	AB22B	Nozzle, Standard Life, .030 x 3" x .281			
060550003	-	Nozzle, Standard Life, .035 x 3" x .281			
060550004	AB22A	Nozzle, Standard Life, .040 x 3" x .281			
060550005	AB22D	Nozzle, Standard Life, .050 x 3" x .281			
060550055	-	Nozzle, Standard Life, .055 x 3" x .281	\$85.00	\$82.50	\$80.00
0605500034ML	-	Nozzle, Standard Life, .030 x 4" x .281			
060550035XL	-	Nozzle, Standard Life, .035 x 4" x .281			
0605500044ML	-	Nozzle, Standard Life, .040 x 4" x .281			
060550005XL	-	Nozzle, Standard Life, .050 x 4" x .281			

**Ultra Life Nozzle / Mixing Tube**



The Ultra Life Nozzle combines a higher precision manufacturing process with a special anodized coating. These nozzles are considered the ideal balance between price and performance. While the actual life of a nozzle is dependent upon many variables such as abrasive type, feed rates, on/off cycle rate, etc., Ultra Life Nozzles offer an extended life of up to 20% over Standard Life Nozzles. This is the preferred tool for shops that run high production looking for the best value.

***WSI Equivalent Nozzles, Ultra Life – The ideal balance between price and performance***

			Price
Choice PN	WSI OEM Numbers	Description: I.D. x Length x O.D.	(Call for Quantity Discounts)
060550020LL	AB22C500	Nozzle, Ultra Life, .020 x 3" x .281	\$119.00
060550030LL	AB22B500	Nozzle, Ultra Life, .030 x 3" x .281	
060550040LL	AB22A500	Nozzle, Ultra Life, .040 x 3" x .281	
060550030LLXL	-	Nozzle, Ultra Life, .030 x 4" x .281	
060550040LLXL	-	Nozzle, Ultra Life, .040 x 4" x .281	

**Premium Life Nozzle / Mixing Tube**



Premium Life Nozzles provide the highest cut accuracy and quality over the life of the nozzle. After the optimized grade nozzle is formed, all surfaces are ground to a high finish level. While the actual life of a nozzle is dependent upon many variables such as abrasive type, feed rates, on/off cycle rate, etc., the Premium Life Nozzles offers an additional life extension of up to 30%.

***WSI Equivalent Nozzles, Premium Life – Used by high performance shops that demand accuracy and extended life***

			Price
Choice PN	WSI OEM Numbers	Description: I.D. x Length x O.D.	(Call for Quantity Discounts)
060550035PLXL	-	Nozzle, Premium Life, .035 x 4" x .281	\$119.00
060550040PLXL	-	Nozzle, Premium Life, .040 x 4" x .281	

**Selecting your Choice Waterjet Parts, WSI Equivalent Waterjet Nozzle**

Choice offers a full range of Nozzles that meet or exceed your nozzle life expectations. To select your WSI OEM Equivalent Nozzle/Focusing Tube:

1. **Choose your Performance Standard:** Consider your application and performance requirement and choose your nozzle type (Standard Life, Ultra Life, Premium Life).
2. **Choose your nozzle I.D.:** After you have selected the appropriate nozzle performance required, choose the inside diameter (I.D.) you require relative to the orifice size and type you are using. Smaller I.D.'s provide greater precision, reduced taper on your cuts and a higher cut finish quality. A larger I.D. allows for greater water and abrasive flow and provides for a faster cut. A general rule of thumb is to start with a nozzle I.D. that is three times larger than the orifice being used.
3. **Choose your Nozzle Length:** The 4" nozzle has become the industry standard due to the accuracy and extended life realized over shorter nozzle lengths. The clearance distance between the cutting head and material being cut may dictate optimum nozzle length.

**Blast Disc/Nozzle Splash Guard**



Reduce splash back during piercing and cutting with a Blast Disc / Nozzle Splash Guard. The guard can be used with any WSI Nozzle.

**Blast Disc / Nozzle Splash Guard**

<b><u>Blast Disc / Nozzle Splash Guard</u></b>			<b>Price</b>
<b>Choice PN</b>	<b>H2O OEM Numbers</b>	<b>Description: I.D. x Length x O.D.</b>	<b>(Call for Quantity Discounts)</b>
060450058	-	Blast Disc / Nozzle Splash Guard	\$5.50