

**Straight Bore Nozzles**  
Aluminum Oxide (Ceramic)



VENTURI NOZZLES

Straight bore nozzles are made for close-range spot blasting. With small blast patterns and little overblast, they are good for cleaning small areas: weldments, grillwork, and railings. If your equipment calls for a non-standard nozzle, we can produce it for you. For special needs, contact us.

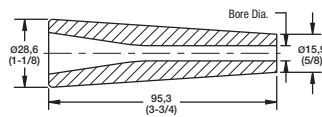
**Aluminum Oxide (Ceramic)**

Kennametal supplies a full line of premium-grade aluminum oxide ceramic nozzles for immediate delivery.

Dimensions below are shown in millimeters and (inches).

SPECIAL VENTURI NOZZLES

- 1-1/8" O.D., tapered to 5/8" O.D.



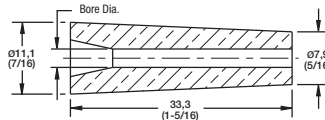
■ **C1 Series**

order number	catalog number	model number	bore diameter		length	
			mm	in	mm	in
2940320	B1213010	C1-1	2,4	3/32	95,3	3-3/4
2940318	B1213020	C1-2	3,2	1/8	95,3	3-3/4
2940316	B1213025	C1-2-1/2	4	5/32	95,3	3-3/4
2940314	B1213030	C1-3	4,8	3/16	95,3	3-3/4
2940312	B1213040	C1-4	6,4	1/4	95,3	3-3/4
2940310	B1213050	C1-5	7,9	5/16	95,3	3-3/4
2940308	B1213060	C1-6	9,5	3/8	95,3	3-3/4

STRAIGHT BORE NOZZLES

ANGLE NOZZLES

- 7/16" O.D., tapered to 5/16" O.D.



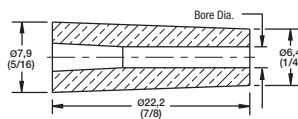
■ **C2 Series**

order number	catalog number	model number	bore diameter		length	
			mm	in	mm	in
2940306	B1214010	C2-1	2,4	3/32	33,3	1-5/16
2940304	B1214015	C2-1-1/2	2,8	7/64	33,3	1-5/16
2940302	B1214020	C2-2	3,2	1/8	33,3	1-5/16
2940300	B1214025	C2-2-1/2	4	5/32	33,3	1-5/16

WET BLAST NOZZLES

ABRASIVE BLASTING GUNS

- 5/16" O.D., tapered to 1/4" O.D.



■ **C3 Series**

order number	catalog number	model number	bore diameter		length	
			mm	in	mm	in
2940299	B1214515	C3-1-1/2	2,4	3/32	22,2	7/8

ACCESSORIES

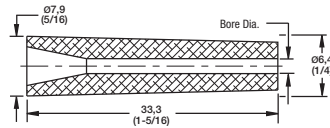
\*Contact your Kennametal representative or customer service for quote.



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Aluminum Oxide (Ceramic)

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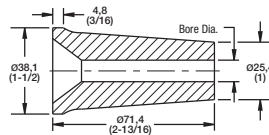
- 5/16" O.D., tapered to 1/4" O.D.



■ **C3L Series**

order number	catalog number	model number	bore diameter		length	
			mm	in	mm	in
2940295	B1215510	C3L-1-1/4	2	5/64	33,3	1-5/16
2940293	B1215515	C3L-1-1/2	2,4	3/32	33,3	1-5/16

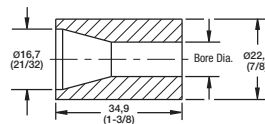
- 1-1/2" O.D. flange, tapered to 1" O.D.



■ **CB Series**

order number	catalog number	model number	bore diameter		length	
			mm	in	mm	in
2940297	B1215060	CB-6	9,5	3/8	71,4	2-13/16
2940296	B1215080	CB-8	12,7	1/2	71,4	2-13/16

- 7/8" O.D. insert.



■ **CL166 Series**

order number	catalog number	model number	bore diameter		length	
			mm	in	mm	in
2940291	B1216640	CL166-4	6,4	1/4	34,9	1-3/8
2940290	B1216650	CL166-5	7,9	5/16	34,9	1-3/8
2940289	B1216660	CL166-6	9,5	3/8	34,9	1-3/8

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ANGLE NOZZLES

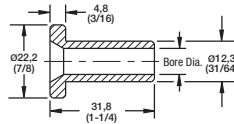
WET BLAST NOZZLES

ABRASIVE BLASTING GUNS

ACCESSORIES

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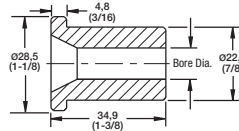
- 7/8" O.D. flange.



■ **CL197 Series**

order number	catalog number	model number	bore diameter		length	
			mm	in	mm	in
2940287	B1219740	CL197-4	6,4	1/4	31,8	1-1/4
2940286	B1219750	CL197-5	7,9	5/16	31,8	1-1/4

- 1-1/8" O.D. flange.



■ **CL198 Series**

order number	catalog number	model number	bore diameter		length	
			mm	in	mm	in
2940284	B1219840	CL198-4	6,4	1/4	34,9	1-3/8
2940283	B1219850	CL198-5	7,9	5/16	34,9	1-3/8
2940282	B1219860	CL198-6	9,5	3/8	34,9	1-3/8
2940281	B1219870	CL198-7	11,1	7/16	34,9	1-3/8
2940280	B1219880	CL198-8	12,7	1/2	34,9	1-3/8

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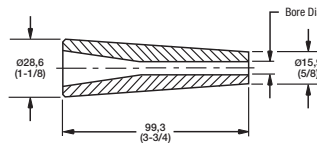
**Straight Bore Nozzles**  
Tungsten Carbide

## Tungsten Carbide

Tungsten carbide nozzles offer the greatest resistance to impact or flexing.

Dimensions below are shown in millimeters and (inches).

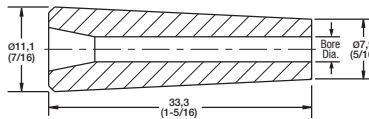
- 1-1/8" O.D., tapered to 5/8" O.D.



### TC1 Series

order number	catalog number	model number	bore diameter		length	
			mm	in	mm	in
2958558	B1713020	TC1-2	3,2	1/8	95,3	3-3/4
2958557	B1713030	TC1-3	4,8	3/16	95,3	3-3/4
2958556	B1713040	TC1-4	6,4	1/4	95,3	3-3/4
3155642	B1713050	TC1-5	7,9	5/16	95,3	3-3/4
3786713	B1713060	TC1-6	9,5	3/8	95,3	3-3/4

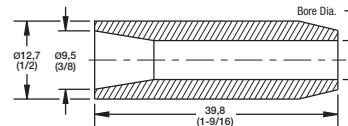
- 7/16" O.D., tapered to 5/16" O.D.



### TL2 Series

order number	catalog number	model number	bore diameter		length	
			mm	in	mm	in
2939847	B1730010	TL2-05	1,57	1/16	33,3	1-5/16
2939846	B1730011	TL2-1	2,4	3/32	33,3	1-5/16
2939845	B1730012	TL2-2	3,4	1/8	33,3	1-5/16

- 1/2" O.D. insert.



### TL016-4 Series

order number	catalog number	model number	bore diameter		length	
			mm	in	mm	in
2939823	B1731621	TL016-2	3,4	1/8	39,8	1-9/16
2939822	B1731631	TL016-3	4,8	3/16	39,8	1-9/16
2939821	B1731641	TL016-4	6,4	1/4	39,8	1-9/16

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**Straight Bore Nozzles**  
Tungsten Carbide



VENTURI NOZZLES

SPECIAL VENTURI NOZZLES

STRAIGHT BORE NOZZLES

ANGLE NOZZLES

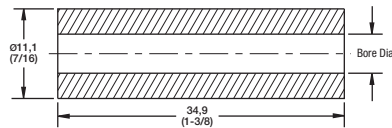
WET BLAST NOZZLES

ABRASIVE BLASTING GUNS

ACCESSORIES

Dimensions below are shown in millimeters and (inches).

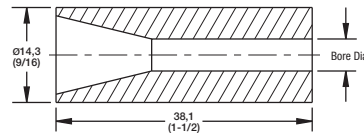
- Air jet insert.



**TL100 Series**

order number	catalog number	model number	bore diameter		length	
			mm	in	mm	in
2939844	B1730021	TL100-2	3,4	1/8	34,9	1-3/8
2939843	B1730031	TL100-3	4,8	3/16	34,9	1-3/8
2939842	B1730041	TL100-4	6,4	1/4	34,9	1-3/8

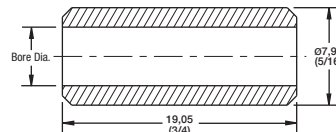
- 9/16" O.D. insert.



**TL104 Series**

order number	catalog number	model number	bore diameter		length	
			mm	in	mm	in
2939910	B1710431	TL104-3	4,8	3/16	38,1	1-1/2
2939837	B1730441	TL104-4	6,4	1/4	38,1	1-1/2
2939909	B1710451	TL104-5	7,9	5/16	38,1	1-1/2

- 5/16" O.D. air jet insert.



**TL107 Series**

order number	catalog number	model number	bore diameter		length	
			mm	in	mm	in
2939827	B1730721	TL107-2	3,2	1/8	19,1	3/4
2939826	B1730725	TL107-2-1/2	3,95	5/32	19,1	3/4
2939825	B1730731	TL107-3	4,8	3/16	19,1	3/4
2939824	B1730741	TL107-4	6,4	1/4	19,1	3/4

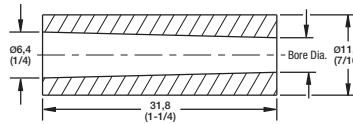
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Tungsten Carbide

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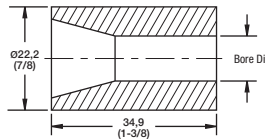
- 7/16" O.D., tapered I.D. air jet insert.



■ **TL117 Series**

order number	catalog number	model number	bore diameter		length	
			mm	in	mm	in
2939819	B1731721	TL117-2	3,4	1/8	31,8	1-1/4
2939818	B1731731	TL117-3	4,8	3/16	31,8	1-1/4

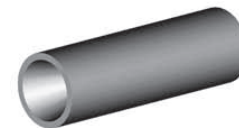
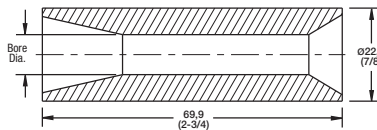
- 7/8" O.D. insert.



■ **TL166 Series**

order number	catalog number	model number	bore diameter		length	
			mm	in	mm	in
3398654	B1736631	TL166-3	4,8	3/16	34,9	1-3/8
2939816	B1736641	TL166-4	6,4	1/4	34,9	1-3/8
2939815	B1736651	TL166-5	8,0	5/16	34,9	1-3/8
2939814	B1736661	TL166-6	9,5	3/8	34,9	1-3/8
2939813	B1736671	TL166-7	11,1	7/16	34,9	1-3/8
2939812	B1736681	TL166-8	12,7	1/2	34,9	1-3/8

- 7/8" O.D. insert.



■ **TL170 Series**

order number	catalog number	model number	bore diameter		length	
			mm	in	mm	in
2939866	B1717061	TL170-6	9,5	3/8	69,9	2-3/4

VENTURI NOZZLES

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ANGLE NOZZLES

WET BLAST NOZZLES

ABRASIVE BLASTING GUNS

ACCESSORIES

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**Straight Bore Nozzles**  
Tungsten Carbide



VENTURI NOZZLES

SPECIAL VENTURI NOZZLES

STRAIGHT BORE NOZZLES

ANGLE NOZZLES

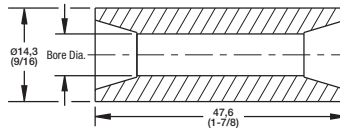
WET BLAST NOZZLES

ABRASIVE BLASTING GUNS

ACCESSORIES

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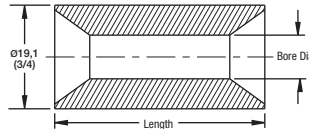
- 9/16" O.D. insert.



■ **TL171 Series**

order number	catalog number	model number	bore diameter		length	
			mm	in	mm	in
2939811	B1737141	TL171-4	6,4	1/4	47,6	1-7/8

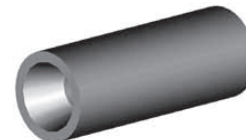
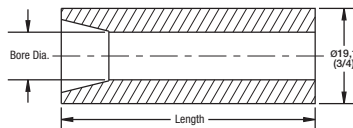
- 3/4" O.D. wide spray insert.



■ **TL172 Series**

order number	catalog number	model number	bore diameter		length	
			mm	in	mm	in
2939810	B1737251	TL172-5	7,9	5/16	38,1	1-1/2
2939809	B1737271	TL172-7	11,1	7/16	47,6	1-7/8

- 3/4" O.D. insert.



■ **TL175 Series**

order number	catalog number	model number	bore diameter		length	
			mm	in	mm	in
2939808	B1737541	TL175-4	6,4	1/4	50,8	2
2939807	B1737551	TL175-5	7,9	5/16	50,8	2
2939806	B1737561	TL175-6	9,5	3/8	50,8	2
2939805	B1737582	TL175-8	12,7	1/2	44,5	1-3/4

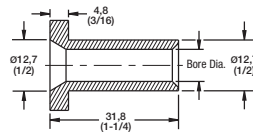
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Tungsten Carbide

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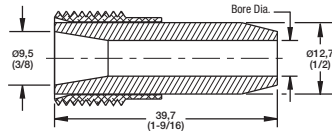
- 7/8" flange insert.



■ **TL197 Series**

order number	catalog number	model number	bore diameter		length	
			mm	in	mm	in
2939863	B1719741	TL197-4	6,4	1/4	31,8	1-1/4
2939862	B1719751	TL197-5	7,9	5/16	31,8	1-1/4

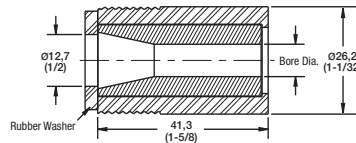
- Thread style: 3/8 – 18 N.P.S.M.
- Brass threads.



■ **T016 Series**

order number	catalog number	model number	bore diameter		length	
			mm	in	mm	in
2939556	B1911640	T016-4	6,4	1/4	39,7	1-9/16

- Thread style: 3/4 – 14 N.P.S.M.
- Steel jacket.
- Steel threads.



■ **T106 Series**

order number	catalog number	model number	bore diameter		length	
			mm	in	mm	in
2939582	B1910610	T106-1	1,6	1/16	41,3	1-5/8
2939580	B1910615	T106-1-1/2	2,4	3/32	41,3	1-5/8
2939579	B1910620	T106-2	3,4	1/8	41,3	1-5/8
2939577	B1910630	T106-3	4,8	3/16	41,3	1-5/8
2939575	B1910640	T106-4	6,4	1/4	41,3	1-5/8
2939573	B1910650	T106-5	7,9	5/16	41,3	1-5/8
2939571	B1910660	T106-6	9,5	3/8	41,3	1-5/8
2939567	B1910670	T106-7	11,1	7/16	41,3	1-5/8
2939566	B1910680	T106-8	12,7	1/2	41,3	1-5/8

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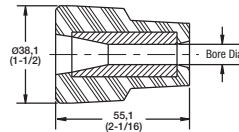
WET BLAST NOZZLES

ABRASIVE BLASTING GUNS

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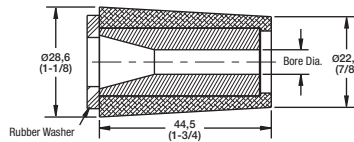
- Flanged polyurethane jacket.



■ **T106-FAP Series**

order number	catalog number	model number	bore diameter		length	
			mm	in	mm	in
2939410	B2010620	T106-2FAP	3,2	1/8	55	2-1/16
2939409	B2010630	T106-3FAP	4,8	3/16	55	2-1/16
2939408	B2010640	T106-4FAP	6,4	1/4	55	2-1/16
2939407	B2010650	T106-5FAP	7,9	5/16	55	2-1/16

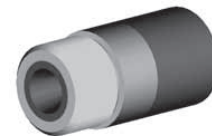
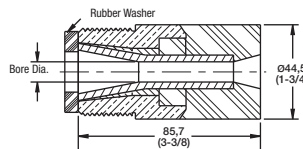
- Thread style: 1-1/4 – 11-1/2 N.P.S.M.
- Aluminum jacket.



■ **T109 Series**

order number	catalog number	model number	bore diameter		length	
			mm	in	mm	in
2939564	B1910910	T109-1	1,6	1/16	44,5	1-3/4
2939563	B1910915	T109-1-1/2	2,4	3/32	44,5	1-3/4
2939562	B1910920	T109-2	3,2	1/8	44,5	1-3/4
2939561	B1910930	T109-3	4,8	3/16	44,5	1-3/4
2939560	B1910940	T109-4	6,4	1/4	44,5	1-3/4
2939559	B1910950	T109-5	7,9	5/16	44,5	1-3/4
2939558	B1910960	T109-6	9,5	3/8	44,5	1-3/4

- Thread style: 1-1/4 – 11-1/2 N.P.S.M.
- Polyurethane jacket.
- Brass threads.



■ **T122-P Series**

order number	catalog number	model number	bore diameter		length	
			mm	in	mm	in
2939281	B2082230	T122-3P	4,8	3/16	85,7	3-3/8
2939279	B2082240	T122-4P	6,4	1/4	85,7	3-3/8
2939277	B2082250	T122-5P	7,9	5/16	85,7	3-3/8
2939275	B2082260	T122-6P	9,5	3/8	85,7	3-3/8
2939273	B2082270	T122-7P	11,1	7/16	85,7	3-3/8
2939271	B2082280	T122-8P	12,7	1/2	85,7	3-3/8

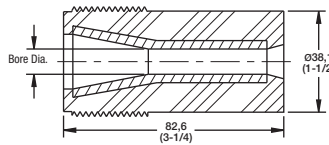
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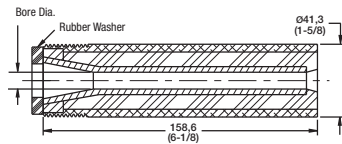
- Thread style: 1-1/4 – 11-1/2 N.P.S.M.
- Polyurethane jacket.
- Polyurethane threads.



■ **T122-AP Series**

order number	catalog number	model number	bore diameter		length	
			mm	in	mm	in
2939280	B2082233	T122-3AP	4,8	3/16	82,6	3-1/4
2939278	B2082243	T122-4AP	6,4	1/4	82,6	3-1/4
2939276	B2082253	T122-5AP	7,9	5/16	82,6	3-1/4
2939274	B2082263	T122-6AP	9,5	3/8	82,6	3-1/4
2939272	B2082273	T122-7AP	11,1	7/16	82,6	3-1/4
2939270	B2082283	T122-8AP	12,7	1/2	82,6	3-1/4

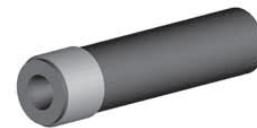
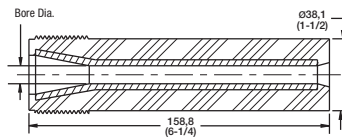
- Thread style: 1-1/4 – 11-1/2 N.P.S.M.
- Aluminum jacket.
- Aluminum threads.



■ **T123 Series**

order number	catalog number	model number	bore diameter		length	
			mm	in	mm	in
2939544	B1912330	T123-3	4,8	3/16	155,6	6-1/8
2939543	B1912340	T123-4	6,4	1/4	155,6	6-1/8
2939542	B1912350	T123-5	7,9	5/16	155,6	6-1/8
2939541	B1912360	T123-6	9,5	3/8	155,6	6-1/8
2939540	B1912370	T123-7	11,1	7/16	155,6	6-1/8
2939539	B1912380	T123-8	12,7	1/2	155,6	6-1/8

- Thread style: 1-1/4 – 11-1/2 N.P.S.M.
- Polyurethane jacket.
- Polyurethane threads.



■ **T123-AP Series**

order number	catalog number	model number	bore diameter		length	
			mm	in	mm	in
2964040	B2082333	T123-3AP	4,8	3/16	158,8	6-1/4
2939269	B2082343	T123-4AP	6,4	1/4	158,8	6-1/4
2939268	B2082353	T123-5AP	7,9	5/16	158,8	6-1/4
2939267	B2082363	T123-6AP	9,5	3/8	158,8	6-1/4
2939266	B2082373	T123-7AP	11,1	7/16	158,8	6-1/4
2939265	B2082383	T123-8AP	12,7	1/2	158,8	6-1/4

\*Contact your Kennametal representative or customer service for quote.

**Straight Bore Nozzles**  
Tungsten Carbide



VENTURI NOZZLES

SPECIAL VENTURI NOZZLES

STRAIGHT BORE NOZZLES

ANGLE NOZZLES

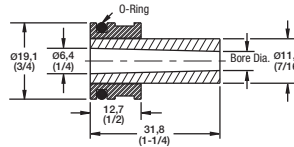
WET BLAST NOZZLES

ABRASIVE BLASTING GUNS

ACCESSORIES

Dimensions below are shown in millimeters and (inches).

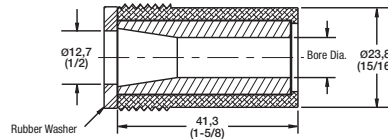
- 3/4" O.D., tapered I.D. air jet assembly.
- Steel, grooved jacket.
- Rubber O-ring.



**T130 Series**

order number	catalog number	model number	bore diameter		length	
			mm	in	mm	in
2939511	B1913020	T130-2	3,2	1/8	31,8	1-1/4
2939510	B1913030	T130-3	4,8	3/16	31,8	1-1/4
2939509	B1913040	T130-4	6,4	1/4	31,8	1-1/4

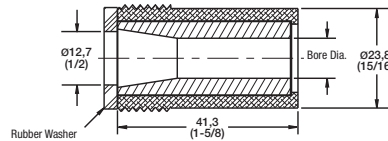
- Thread style: 1 – 14 N.F.
- Aluminum jacket.
- Aluminum threads.



**T133 Series**

order number	catalog number	model number	bore diameter		length	
			mm	in	mm	in
2939504	B1913330	T133-3	4,8	3/16	41,3	1-5/8
2939503	B1913340	T133-4	6,4	1/4	41,3	1-5/8
2939502	B1913350	T133-5	7,9	5/16	41,3	1-5/8
2939501	B1913360	T133-6	9,5	3/8	41,3	1-5/8
2939500	B1913370	T133-7	11,1	7/16	41,3	1-5/8
2939499	B1913380	T133-8	12,7	1/2	41,3	1-5/8

- Thread style: 1 – 14 N.F.
- Polyurethane jacket.
- Polyurethane threads.



**T133-AP Series**

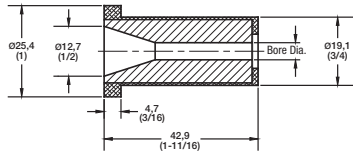
order number	catalog number	model number	bore diameter		length	
			mm	in	mm	in
5180672	B2013333	T133-3AP	4,8	3/16	41,3	1-5/8
5180673	B2013343	T133-4AP	6,4	1/4	41,3	1-5/8
2939405	B2013353	T133-5AP	7,9	5/16	41,3	1-5/8
2939404	B2013363	T133-6AP	9,5	3/8	41,3	1-5/8
*	B2013373	T133-7AP	11,1	7/16	41,3	1-5/8
2939403	B2013383	T133-8AP	12,7	1/2	41,3	1-5/8

\*Contact your Kennametal representative or customer service for quote.



**Straight Bore Nozzles**  
Tungsten Carbide

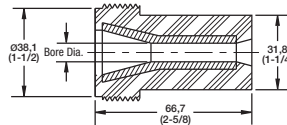
- 1" O.D. flange.
- Aluminum jacket.



■ **T134 Series**

order number	catalog number	model number	bore diameter		length	
			mm	in	mm	in
3775674	B1913410	T134-1	1,6	1/16	42,9	1-11/16
4033336	B1913420	T134-2	3,2	1/8	42,9	1-11/16
2939498	B1913430	T134-3	4,8	3/16	42,9	1-11/16
4033340	B1913440	T134-4	6,4	1/4	42,9	1-11/16
4033341	B1913450	T134-5	7,9	5/16	42,9	1-11/16
4033342	B1913460	T134-6	9,5	3/8	42,9	1-11/16

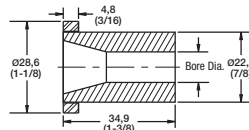
- Thread style: 1-1/4 – 11-1/2 N.P.S.M.
- Polyurethane jacket.
- Polyurethane threads.



■ **T137 Series**

order number	catalog number	model number	bore diameter		length	
			mm	in	mm	in
2939402	B2013730	T137-3AP	4,8	3/16	66,7	2-5/8
2939401	B2013740	T137-4AP	6,4	1/4	66,7	2-5/8
2939400	B2013750	T137-5AP	7,9	5/16	66,7	2-5/8
2939399	B2013760	T137-6AP	9,5	3/8	66,7	2-5/8
2939397	B2013780	T137-8AP	12,7	1/2	66,7	2-5/8

- 1-1/8" flanged insert.



■ **T198 Series**

order number	catalog number	model number	bore diameter		length	
			mm	in	mm	in
2939456	B1919840	T198-4	6,4	1/4	34,9	1-3/8
2939455	B1919850	T198-5	7,9	5/16	34,9	1-3/8
2939454	B1919860	T198-6	9,5	3/8	34,9	1-3/8
2939453	B1919870	T198-7	11,1	7/16	34,9	1-3/8
2939452	B1919880	T198-8	12,7	1/2	34,9	1-3/8

\*Contact your Kennametal representative or customer service for quote.

VENTURI NOZZLES

SPECIAL VENTURI NOZZLES

STRAIGHT BORE NOZZLES

ANGLE NOZZLES

WET BLAST NOZZLES

ABRASIVE BLASTING GUNS

ACCESSORIES

**Straight Bore Nozzles**  
Tungsten Carbide



VENTURI NOZZLES

SPECIAL VENTURI NOZZLES

STRAIGHT BORE NOZZLES

ANGLE NOZZLES

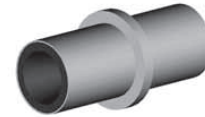
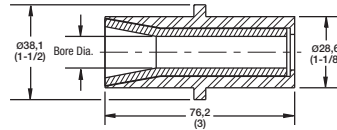
WET BLAST NOZZLES

ABRASIVE BLASTING GUNS

ACCESSORIES

Dimensions below are shown in millimeters and (inches).

- Steel jacket.
- 1-1/2" mid-flange insert.



■ **T222 Series**

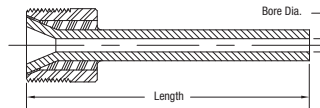
order number	catalog number	model number	bore diameter		length	
			mm	in	mm	in
2939447	B1922260	T222-6	9,5	3/8	76,2	3
3327934	B1922280	T222-8	12,7	1/2	76,2	3

**Hozzle Nozzles**

Hozzle nozzles are excellent for aerospace, aviation and automotive component-related applications where minimal access or clearance are an issue. **We have the capability to manufacture other hozzle nozzle designs. Please contact us to discuss your requirements.**

Dimensions below are shown in millimeters and (inches).

- Thread style: 3/4 – 14 N.S.P.M.
- 7/16" O.D. insert.
- Steel threads.



■ **Hozzle Nozzle**

order number	catalog number	bore diameter		length	
		mm	in	mm	in
5115972	B2728844	4,8	3/16	101,6	4
3994486	BB29271A	4,8	3/16	152,4	6
3025048	B1900002	4,8	3/16	254	10

We have the capability to manufacture other hozzle nozzle sizes. Please contact us to discuss your requirements.

\*Contact your Kennametal representative or customer service for quote.



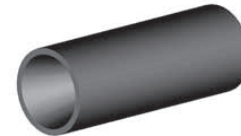
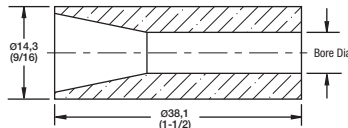
**Straight Bore Nozzles**  
Boron Carbide

## Boron Carbide Nozzles

Boron carbide is ideal for aggressive abrasives such as aluminum oxide and selected mineral aggregates when rough handling can be avoided.

Dimensions below are shown in millimeters and (inches).

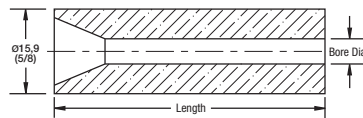
- 9/16" O.D. insert.



### ■ 60 Series

order number	catalog number	model number	bore diameter		length	
			mm	in	mm	in
2940350	B1162040	B4S-60	6,4	1/4	38,1	1-1/2

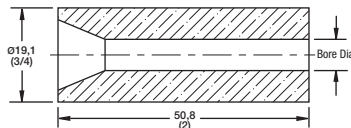
- 5/8" O.D. insert.



### ■ 62 Series

order number	catalog number	model number	bore diameter		length	
			mm	in	mm	in
2940347	B1162820	B2L-62	3,4	1/8	50,8	2
2940346	B1162825	B2-1/2L-62	4	5/32	50,8	2
2940345	B1162830	B3L-62	4,8	3/16	50,8	2
2940344	B1162840	B4L-62	6,4	1/4	50,8	2
2940343	B1162850	B5L-62	7,9	5/16	50,8	2
2940348	B1162450	B5M-62	7,9	5/16	38,1	1-1/2

- 3/4" O.D. insert.



### ■ 75 Series

order number	catalog number	model number	bore diameter		length	
			mm	in	mm	in
2940341	B1175820	B2L-75	3,4	1/8	50,8	2
2940340	B1175830	B3L-75	4,8	3/16	50,8	2
2940339	B1175835	B3-1/2L-75	5,6	7/32	50,8	2
2940338	B1175840	B4L-75	6,4	1/4	50,8	2
2940337	B1175850	B5L-75	7,9	5/16	50,8	2
2940336	B1175860	B6L-75	9,5	3/8	50,8	2

\*Contact your Kennametal representative or customer service for quote.

**Straight Bore Nozzles**  
Boron Carbide



VENTURI NOZZLES

SPECIAL VENTURI NOZZLES

STRAIGHT BORE NOZZLES

ANGLE NOZZLES

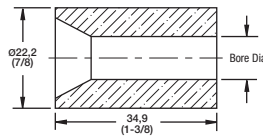
WET BLAST NOZZLES

ABRASIVE BLASTING GUNS

ACCESSORIES

Dimensions below are shown in millimeters and (inches).

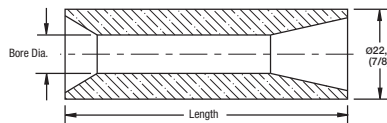
- 7/8" O.D. insert.



**87 Series**

order number	catalog number	model number	bore diameter		length	
			mm	in	mm	in
2940327	B1187340	B4S-87	6,4	1/4	34,9	1-3/8
2940325	B1187350	B5S-87	7,9	5/16	34,9	1-3/8
2940324	B1187360	B6S-87	9,5	3/8	34,9	1-3/8
2940323	B1187370	B7S-87	11,1	7/16	34,9	1-3/8
2940322	B1187380	B8S-87	12,7	1/2	34,9	1-3/8

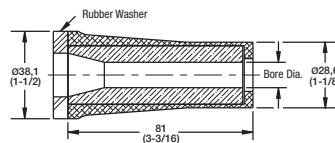
- 7/8" O.D. wide spray gun insert.



**BVI Series**

order number	catalog number	model number	bore diameter		length	
			mm	in	mm	in
3059579	B1127040	BVI-4	6,4	1/4	71,4	2-13/16
2940354	B1127050	BVI-5	7,9	5/16	71,4	2-13/16
2940353	B1127060	BVI-6	9,5	3/8	69,9	2-3/4
2940352	B1127070	BVI-7	11,1	7/16	71,4	2-13/16
2940351	B1127080	BVI-8	12,7	1/2	71,4	2-13/16

- Flange tapered aluminum jacket.
- 1-1/2" O.D., tapered to 1-1/8" O.D.



**SB Series**

order number	catalog number	model number	bore diameter		length	
			mm	in	mm	in
2940277	B1415060	SB-6	9,5	3/8	81	3-3/16
3680995	B1415070	SB-7	11,1	7/16	81	3-3/16
2940276	B1415080	SB-8	12,7	1/2	81	3-3/16

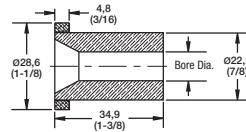
\*Contact your Kennametal representative or customer service for quote.



**Straight Bore Nozzles**  
Boron Carbide

Dimensions below are shown in millimeters and (inches).

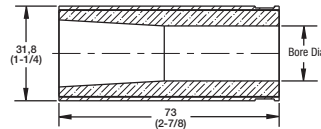
- 1-1/8" flange.



■ **S198 Series**

order number	catalog number	model number	bore diameter		length	
			mm	in	mm	in
2940275	B1419840	S198-4	6,4	1/4	34,9	1-3/8
2940274	B1419850	S198-5	7,9	5/16	34,9	1-3/8
2940273	B1419860	S198-6	9,5	3/8	34,9	1-3/8
2940272	B1419870	S198-7	11,1	7/16	34,9	1-3/8
5018290	B1419880	S198-8	12,7	1/2	34,9	1-3/8

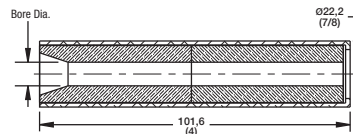
- Vacuum blast retainer.
- Steel jacket with groove.



■ **S258 Series**

order number	catalog number	model number	bore diameter		length	
			mm	in	mm	in
2940271	B1425812	S258-12	18,3	23/32	73	2-7/8

- Aluminum jacket.



■ **S261 Series**

order number	catalog number	model number	bore diameter		length	
			mm	in	mm	in
2940269	B1426160	S261-6	9,5	3/8	101,6	4

\*Contact your Kennametal representative or customer service for quote.



**Straight Bore Nozzles**  
Boron Carbide



VENTURI NOZZLES

SPECIAL VENTURI NOZZLES

STRAIGHT BORE NOZZLES

ANGLE NOZZLES

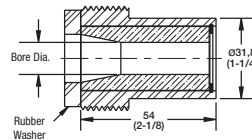
WET BLAST NOZZLES

ABRASIVE BLASTING GUNS

ACCESSORIES

Dimensions below are shown in millimeters and (inches).

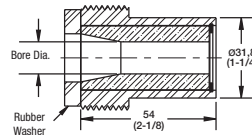
- Thread style: 1-1/4 – 11-1/2 N.P.S.M.
- Steel jacket.
- Steel threads.



**E Series • Short**

order number	catalog number	model number	bore diameter		length	
			mm	in	mm	in
2940257	B1503022	B2S2-E	3,4	1/8	54	2-1/8
2940255	B1503032	B3S2-E	4,8	3/16	54	2-1/8
2940253	B1503042	B4S2-E	6,4	1/4	54	2-1/8
2940250	B1503052	B5S2-E	7,9	5/16	54	2-1/8
2940247	B1503062	B6S2-E	9,5	3/8	54	2-1/8
2940243	B1503082	B8S2-E	12,7	1/2	54	2-1/8

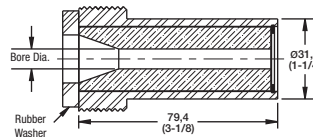
- Thread style: 1-1/4 – 11-1/2 N.P.S.M.
- Polyurethane jacket.
- Polyurethane threads.



**E-AP Series • Short**

order number	catalog number	model number	bore diameter		length	
			mm	in	mm	in
*	B1503022AP	B2S2-EAP	3,4	1/8	54	2-1/8
*	B1503032AP	B3S2-EAP	4,8	3/16	54	2-1/8
3859009	B1503042AP	B4S2-EAP	6,4	1/4	54	2-1/8
3597011	B1503052AP	B5S2-EAP	7,9	5/16	54	2-1/8
*	B1503062AP	B6S2-EAP	9,5	3/8	54	2-1/8
4155292	B1503082AP	B8S2-EAP	12,7	1/2	54	2-1/8

- Thread style: 1-1/4 – 11-1/2 N.P.S.M.
- Steel jacket.
- Steel threads.



**E Series • Medium**

order number	catalog number	model number	bore diameter		length	
			mm	in	mm	in
2940256	B1503023	B2M3-E	3,4	1/8	79,4	3-1/8
2940254	B1503033	B3M3-E	4,8	3/16	79,4	3-1/8
2940252	B1503043	B4M3-E	6,4	1/4	79,4	3-1/8
2940249	B1503053	B5M3-E	7,9	5/16	79,4	3-1/8
2940246	B1503063	B6M3-E	9,5	3/8	79,4	3-1/8
2940242	B1503083	B8M3-E	12,7	1/2	79,4	3-1/8

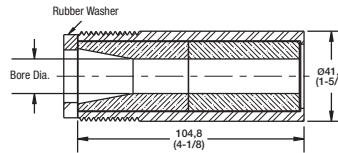
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**Straight Bore Nozzles**  
Boron Carbide

Dimensions below are shown in millimeters and (inches).

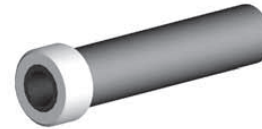
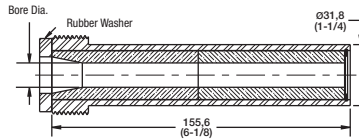
- Thread style: 1-1/4 – 11-1/2 N.P.S.M.
- Steel jacket.
- Steel threads.



**E Series • 4-1/8 Medium**

order number	catalog number	model number	bore diameter		length	
			mm	in	mm	in
2940240	B1503104	B10M4-E	15,9	5/8	104,8	4-1/8

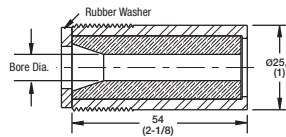
- Thread style: 1-1/4 – 11-1/2 N.P.S.M.
- Steel jacket.
- Steel threads.



**E Series • Long**

order number	catalog number	model number	bore diameter		length	
			mm	in	mm	in
2940251	B1503046	B4L6-E	6,4	1/4	155,6	6-1/8
2940248	B1503056	B5L6-E	7,9	5/16	155,6	6-1/8
2940245	B1503066	B6L6-E	9,5	3/8	155,6	6-1/8
2940244	B1503076	B7L6-E	11,1	7/16	155,6	6-1/8
2940241	B1503086	B8L6-E	12,7	1/2	155,6	6-1/8

- Thread style: 3/4 – 14 N.P.S.M.
- Steel jacket.
- Steel threads.



**G Series**

order number	catalog number	model number	bore diameter		length	
			mm	in	mm	in
2940228	B1505022	B2S2-G	3,4	1/8	54	2-1/8
2940227	B1505032	B3S2-G	4,8	3/16	54	2-1/8
2940225	B1505042	B4S2-G	6,4	1/4	54	2-1/8
2940223	B1505052	B5S2-G	7,9	5/16	54	2-1/8
2940222	B1505062	B6S2-G	9,5	3/8	54	2-1/8
2940221	B1505082	B8S2-G	12,7	1/2	54	2-1/8

\*Contact your Kennametal representative or customer service for quote.

VENTURI NOZZLES  
SPECIAL VENTURI NOZZLES  
STRAIGHT BORE NOZZLES  
ANGLE NOZZLES  
WET BLAST NOZZLES  
ABRASIVE BLASTING GUNS  
ACCESSORIES

**Straight Bore Nozzles**  
Boron Carbide



VENTURI NOZZLES

SPECIAL VENTURI NOZZLES

STRAIGHT BORE NOZZLES

ANGLE NOZZLES

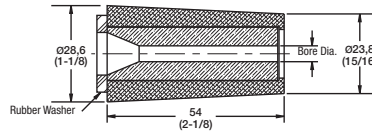
WET BLAST NOZZLES

ABRASIVE BLASTING GUNS

ACCESSORIES

Dimensions below are shown in millimeters and (inches).

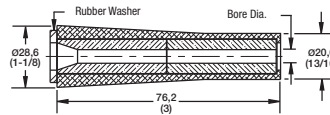
- Aluminum jacket.



**H Series • Short**

order number	catalog number	model number	bore diameter		length	
			mm	in	mm	in
2940215	B1506022	B2S2-H	3,4	1/8	54	2-1/8
2940214	B15060221	B2-1/2S2-H	4	5/32	54	2-1/8
2940209	B1506032	B3S2-H	4,8	3/16	54	2-1/8
2940204	B1506042	B4S2-H	6,4	1/4	54	2-1/8
2940200	B1506050	B5S2-H	7,9	5/16	54	2-1/8

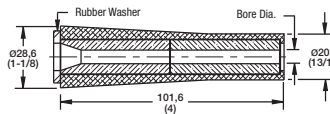
- Aluminum jacket.



**H Series • Medium**

order number	catalog number	model number	bore diameter		length	
			mm	in	mm	in
2940213	B1506023	B2M3-H	3,4	1/8	76,2	3
2940212	B15060231	B2-1/2M3-H	4	5/32	76,2	3
2940208	B1506033	B3M3-H	4,8	3/16	76,2	3
2940203	B1506043	B4M3-H	6,4	1/4	76,2	3

- Aluminum jacket.



**H Series • Long**

order number	catalog number	model number	bore diameter		length	
			mm	in	mm	in
2940211	B1506024	B2L4-H	3,4	1/8	101,6	4
2940210	B15060241	B2-1/2L4-H	4	5/32	101,6	4
2940206	B1506034	B3L4-H	4,8	3/16	101,6	4
2940202	B1506044	B4L4-H	6,4	1/4	101,6	4

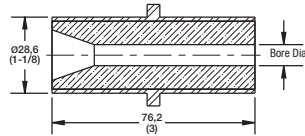
\*Contact your Kennametal representative or customer service for quote.



**Straight Bore Nozzles**  
Boron Carbide

Dimensions below are shown in millimeters and (inches).

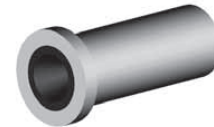
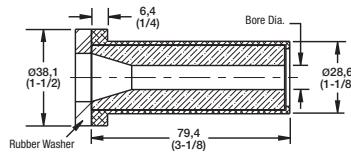
- 1-1/2" middle flange.
- Steel jacket.



**I Series**

order number	catalog number	model number	bore diameter		length	
			mm	in	mm	in
*	B1511023	B2M3-I	3,4	1/8	76,2	3
3848285	B1511033	B3M3-I	4,8	3/16	76,2	3
2954332	B1511043	B4M3-I	6,4	1/4	76,2	3
2940152	B1511053	B5M3-I	7,9	5/16	76,2	3
2940151	B1511063	B6M3-I	9,5	3/8	76,2	3
*	B1511073	B7M3-I	11,1	7/16	76,2	3
2940149	B1511083	B8M3-I	12,7	1/2	76,2	3

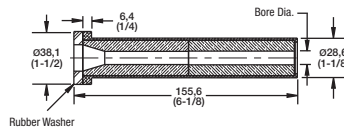
- Flanged aluminum jacket.



**J Series - Medium**

order number	catalog number	model number	bore diameter		length	
			mm	in	mm	in
2940194	B1507033	B3M3-J	4,8	3/16	79,4	3-1/8
2940193	B1507043	B4M3-J	6,4	1/4	79,4	3-1/8
2954333	B1507053	B5M3-J	7,9	5/16	79,4	3-1/8
2940190	B1507063	B6M3-J	9,5	3/8	79,4	3-1/8
2940188	B1507083	B8M3-J	12,7	1/2	79,4	3-1/8

- Flanged aluminum jacket.



**J Series - Long**

order number	catalog number	model number	bore diameter		length	
			mm	in	mm	in
*	B1507046	B4L6-J	6,4	1/4	155,6	6-1/8
2940192	B1507056	B5L6-J	7,9	5/16	155,6	6-1/8
2940189	B1507066	B6L6-J	9,5	3/8	155,6	6-1/8
2940187	B1507086	B8L6-J	12,7	1/2	155,6	6-1/8

\*Contact your Kennametal representative or customer service for quote.

**Straight Bore Nozzles**  
Boron Carbide & ROCTEC®



VENTURI NOZZLES

SPECIAL VENTURI NOZZLES

STRAIGHT BORE NOZZLES

ANGLE NOZZLES

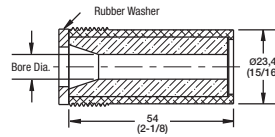
WET BLAST NOZZLES

ABRASIVE BLASTING GUNS

ACCESSORIES

Dimensions below are shown in millimeters and (inches).

- Thread style: 1 – 14 N.F.
- Aluminum jacket.
- Aluminum threads.



■ **L Series**

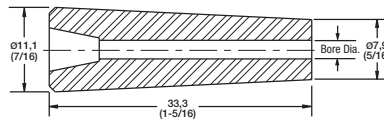
order number	catalog number	model number	bore diameter		length	
			mm	in	mm	in
2940183	B1509022	B2S2-L	3,4	1/8	54	2-1/8
2940182	B1509032	B3S2-L	4,8	3/16	54	2-1/8
2940181	B1509042	B4S2-L	6,4	1/4	54	2-1/8
2940180	B1509052	B5S2-L	7,9	5/16	54	2-1/8
2940179	B1509062	B6S2-L	9,5	3/8	54	2-1/8
2940177	B1509082	B8S2-L	12,7	1/2	54	2-1/8

**ROCTEC®**

ROCTEC® composite carbide nozzles provide even longer life than boron carbide nozzles. They are ideal for applications using aggressive abrasive like aluminum oxide and silicon carbide.

Dimensions below are shown in millimeters and (inches).

- 7/16" O.D., tapered to 5/16" O.D.



■ **RL2 Series**

order number	catalog number	model number	bore diameter		length	
			mm	in	mm	in
3111103	B1930010	RL2-0,5	1,57	1/16	33,3	1-5/16
2939427	B1930011	RL2-1	2,4	3/32	33,3	1-5/16
2939426	B1930012	RL2-2	3,4	1/8	33,3	1-5/16

\*Contact your Kennametal representative or customer service for quote.