

## Tool Holder Bushings



CNC Bushings – Black Oxide Finish – Types C, CV, B, DD, J & Z (continued)

### Type J (continued)

D Outside Diameter (Inch)	d Inside Diameter (Inch)	L Length Under Head (Inch)	A (Inch)	B (Inch)	F Hole Diameter (Inch)	Code	D Outside Diameter (Inch)	d Inside Diameter (Inch)	L Length Under Head (Inch)	A (Inch)	B (Inch)	F Hole Diameter (Inch)	Code
2	5/8	3-1/2	3/4	1-1/2	1	310491	2-1/2	3/4	4	7/8	1-3/4	1-1/4	310771
2	3/4	3-1/2	3/4	1-1/2	1	310492	2-1/2	7/8	4	7/8	1-3/4	1-1/4	310772
2	7/8	3-1/2	3/4	1-1/2	1	310768	2-1/2	1	4	7/8	1-3/4	1-1/4	310773
2	1	3-1/2	3/4	1-1/2	1	310494	2-1/2	1-1/4	4	7/8	1-3/4	1-1/4	310774
2	1-1/4	3-1/2	3/4	1-1/2	1	310496	2-1/2	1-1/2	4	7/8	1-3/4	1-1/4	310775
2	1-1/2	3-1/2	3/4	1-1/2	1	310498	2-1/2	1-3/4	4	7/8	1-3/4	1-1/4	310776
2	1-3/4	3-1/2	3/4	1-1/2	1	310500	2-1/2	2	4	7/8	1-3/4	1-1/4	310777
<b>8 Piece Set – 1/2" to 1-3/4"</b>						<b>300882</b>	<b>10 Piece Set – 1/2" to 2-1/4"</b>						<b>300883</b>
2-1/2	1/2	4	7/8	1-3/4	1-1/4	310769							
2-1/2	5/8	4	7/8	1-3/4	1-1/4	310770							

### Type Z

- Z bushings have a long slot and two set screws in the bushing head
- Provides improved rigidity and reduced chatter



D Outside Diameter (Inch)	d Inside Diameter (Inch)	L Length Under Head (Inch)	C Slot Length (Inch)	E (Inch)	Code	D Outside Diameter (Inch)	d Inside Diameter (Inch)	L Length Under Head (Inch)	C Slot Length (Inch)	E (Inch)	Code		
1-1/4	3/8	3	2-5/8	5/8	310808	<b>7 Piece Set – 3/8" to 1-1/4"</b>						<b>300888</b>	
1-1/4	1/2	3	2-5/8	5/8	310809	1-3/4	1/2	3-1/4	3-1/8	3/4	310821		
1-1/4	5/8	3	2-5/8	5/8	310810	1-3/4	5/8	3-1/4	3-1/8	3/4	310822		
1-1/4	3/4	3	2-5/8	5/8	310811	1-3/4	3/4	3-1/4	3-1/8	3/4	310823		
1-1/4	7/8	3	2-5/8	5/8	310812	1-3/4	1	3-1/4	3-1/8	3/4	310824		
1-1/4	1	3	2-5/8	5/8	310813	1-3/4	1-1/4	3-1/4	3-1/8	3/4	310825		
<b>6 Piece Set – 3/8" to 1"</b>						<b>300887</b>	<b>5 Piece Set – 1/2" to 1-1/4"</b>						<b>300889</b>
1-1/2	3/8	3-1/4	2-7/8	3/4	310814	2	1/2	3-3/4	3-1/2	3/4	310826		
1-1/2	1/2	3-1/4	2-7/8	3/4	310815	2	3/4	3-3/4	3-1/2	3/4	310827		
1-1/2	5/8	3-1/4	2-7/8	3/4	310816	2	7/8	3-3/4	3-1/2	3/4	310828		
1-1/2	3/4	3-1/4	2-7/8	3/4	310817	2	1	3-3/4	3-1/2	3/4	310829		
1-1/2	7/8	3-1/4	2-7/8	3/4	310818	2	1-1/4	3-3/4	3-1/2	3/4	310830		
1-1/2	1	3-1/4	2-7/8	3/4	310819	2	1-1/2	3-3/4	3-1/2	3/4	310831		
1-1/2	1-1/4	3-1/4	2-7/8	3/4	310820	<b>6 Piece Set – 1/2" to 1-1/2"</b>						<b>300890</b>	