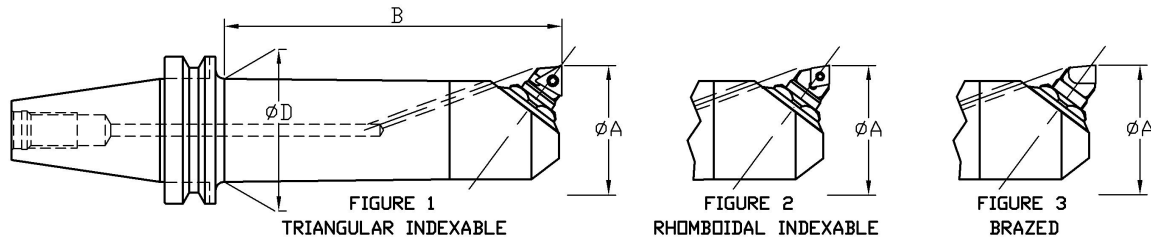


MICROBORE INTEGRAL SHANK BORING BARS



Taper Shank



Boring Bar Details												
Boring Range		B Min.	D	Cartridge Unit	Insert Type		Boring Bar Order Reference No.					
Min	Max				Fig.	Insert	BT40	BT50	DIN40	DIN50	ISO40	ISO50
15.6	17.5	83.0	15.5	M2B2S-T06-40	1	TCMT06T104	BT40-535M	BT50-535M	DIN40-535M	DIN50-535M	ISO40-535M	ISO50-535M
18.5	20.5	82.5	M2B2V-40	2	EP_0402_							
18.3	20.0	82.5	M2B2**-40	3	Brazed Insert							
16.8	19.0	83.0	16.5	M2B2S-T06-40	1	TCMT06T104	BT40-536M	BT50-536M	DIN40-536M	DIN50-536M	ISO40-536M	ISO50-536M
19.0	22.5	82.5	M2B2V-40	2	EP_0402_							
18.3	21.8	82.5	M2B2**-40	3	Brazed Insert							
19.0	24.5	88.5	19.0	M2B2T06-40	1	TCMT06T104	BT40-54M	BT50-54M	DIN40-54M	DIN50-54M	ISO40-54M	ISO50-54M
19.5	24.5	87.0	M2B2V-40	2	EP_0402_							
19.0	24.0	87.0	M2B2**-40	3	Brazed Insert							
24.0	30.0	110.5	22.5	M3B2T09-40	1	TC_0902_	BT40-55M	BT50-55M	DIN40-55M	DIN50-55M	ISO40-55M	ISO50-55M
24.5	31.5	107.0		M3B2C06-40	2	CC_0602_						
24.5	31.5	107.0		M3B2V-40	2	EP_0602_						
22.5	30.5	107.0		M3B2**-40	3	Brazed Insert						
29.0	41.5	135.5	28.0	M3A2T09-40	1	TC_0902_	BT40-57M	BT50-57M	DIN40-57M	DIN50-57M	ISO40-57M	ISO50-57M
29.0	42.5	132.0		M3A2C06-40	2	CC_0602_						
29.0	42.5	132.0		M3A2V-40	2	EP_0602_						
27.0	41.5	132.0		M3A2**-40	3	Brazed Insert						
42.0	53.0	116.0	35.0	M5B2T11-40	1	TC_1102_	BT40-58M	BT50-58M	DIN40-58M	DIN50-58M	ISO40-58M	ISO50-58M
39.5	52.0			M5B2C06-40	2	CC_0602_						
39.0	51.5			M5B2V-40	2	EP_0803_						
39.5	52.0			M5B2**-40	3	Brazed Insert						
42.0	53.0	173.0	35.0	M5B2T11-40	1	TC_1102_	BT40-59M	BT50-59M	DIN40-59M	DIN50-59M	ISO40-59M	ISO50-59M
39.5	52.0			M5B2C06-40	2	CC_0602_						
39.0	51.5			M5B2V-40	2	EP_0803_						
39.5	52.0			M5B2**-40	3	Brazed Insert						
50.2	71.5	116.0	41.5	M5A2T11-40	1	TC_1102_	BT40-60M	BT50-60M	DIN40-60M	DIN50-60M	ISO40-60M	ISO50-60M
47.5	70.5			M5A2C06-40	2	CC_0602_						
47.5	70.5			M5A2V-40	2	EP_0803_						
47.0	70.0			M5A2**-40	3	Brazed Insert						
50.2	71.5	186.0	41.5	M5A2T11-40	1	TC_1102_	BT40-61M		DIN40-61M		ISO40-61M	
47.5	70.5			M5A2C06-40	2	CC_0602_						
47.5	70.5			M5A2V-40	2	EP_0803_						
47.0	70.0			M5A2**-40	3	Brazed Insert						

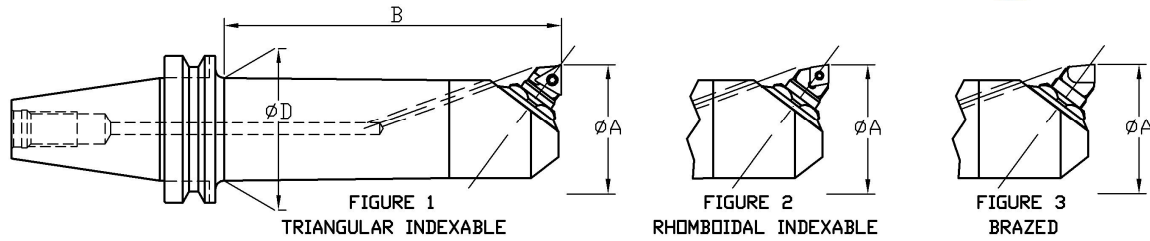
SUFFIX ** = SEE MICROBORE UNIT CATALOGUE FOR CARBIDE GRADES

MINIMUM DIAMETERS ALLOW BAR TO FLAT BOTTOM. THE MINIMUM DIAMETER CAN BE REDUCED IF MACHINING A THROUGH BORE.

REFER TO MICROBORE UNIT RANGE CATALOGUE FOR STYLES OF CARTRIDGES AVAILABLE.

MICROBORE INTEGRAL SHANK BORING BARS

Taper Shank



Boring Bar Details													
Boring Range		B Min.	D	Cartridge Unit	Insert Type		Boring Bar Order Reference No.						
Min	Max				Fig.	Insert	BT (MAS403)		DIN 69871		ISO (DIN 2080)		
						BT40	BT50	DIN40	DIN50	ISO40	ISO50		
50.2	71.5	208.0	44.5	M5A2T11-40	1	TC_1102_		BT50-62M		DIN50-62M	ISO50-62M		
47.5	70.5			M5A2C06-40	2	CC_0602_							
47.5	70.5			M5A2V-40	2	EP_0803_							
47.0	70.0			M5A2**-40	3	Brazed Insert							
63.0	91.0	128.0	50.5	M7A2T16-80	1	TC_16T3_	BT40-63M	BT50-63M	DIN40-63M	DIN50-63M	ISO40-63M		
63.0	91.0			M7A2C09-80	2	CC_09T3_							
63.0	91.0			M7A2V-80	2	EC_1204_							
63.5	91.0			M7A2**-80	3	Brazed Insert							
63.0	91.0	185.0	57.5	M7A2T16-80	1	TC_16T3_	BT40-64M	BT50-64M	DIN40-64M	DIN50-64M	ISO40-64M		
63.0	91.0			M7A2C09-80	2	CC_09T3_							
63.0	91.0			M7A2V-80	2	EC_1204_							
63.5	91.0			M7A2**-80	3	Brazed Insert							
63.0	91.0	280.0	59.0	M7A2T16-80	1	TC_16T3_		BT50-65M		DIN50-65M	ISO50-65M		
63.0	91.0			M7A2C09-80	2	CC_09T3_							
63.0	91.0			M7A2V-80	2	EC_1204_							
63.5	91.0			M7A2**-80	3	Brazed Insert							
83.5	111.5	119.0	63.0	M7A2T16-80	1	TC_16T3_	BT40-67M	BT50-67M	DIN40-67M	DIN50-67M	ISO40-67M		
84.0	111.5			M7A2C09-80	2	CC_09T3_							
84.0	111.5			M7A2V-80	2	EC_1204_							
84.5	111.5			M7A2**-80	3	Brazed Insert							
83.5	111.5	199.0	70.0	M7A2T16-80	1	TC_16T3_	BT40-68M	BT50-68M	DIN40-68M	DIN50-68M	ISO40-68M		
84.0	111.5			M7A2C09-80	2	CC_09T3_							
84.0	111.5			M7A2V-80	2	EC_1204_							
84.5	111.5			M7A2**-80	3	Brazed Insert							
83.5	111.5	299.5	76.5	M7A2T16-80	1	TC_16T3_		BT50-69M		DIN50-69M	ISO50-69M		
84.0	111.5			M7A2C09-80	2	CC_09T3_							
84.0	111.5			M7A2V-80	2	EC_1204_							
84.5	111.5			M7A2**-80	3	Brazed Insert							
97.5	144.5	121.5	83.0	M10A2T16-80	2	TC_16T3_	BT40-70M	BT50-70M	DIN40-70M	DIN50-70M	ISO40-70M		
98.0	144.5			M10A2C12-80	1	CC_1204_							
98.0	144.5			M10A2V-80	1	EC_1204_							
99.5	144.5			M10A2**-80	3	Brazed Insert							
97.5	144.5	299.5	92.0	M10A2T16-80	2	TC_16T3_		BT50-71M		DIN50-71M	ISO50-71M		
98.0	144.5			M10A2C12-80	1	CC_1204_							
98.0	144.5			M10A2V-80	1	EC_1204_							
99.5	144.5			M10A2**-80	3	Brazed Insert							

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