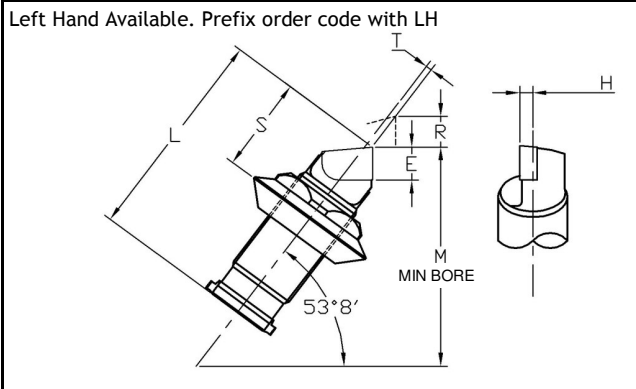


MICROBORE BRAZED CARBIDE UNITS



Microbore Unit	Carbide Grades	Dimensions in mm						
		L	M	R	S	T	H	E
M1A2**-40	E, 12E, F &	14.3	16.0	3.2	6.4	0.4	0.8	2.0
M1B2**-40	12F	11.5	13.3	1.2	6.4	0.4	0.8	2.0

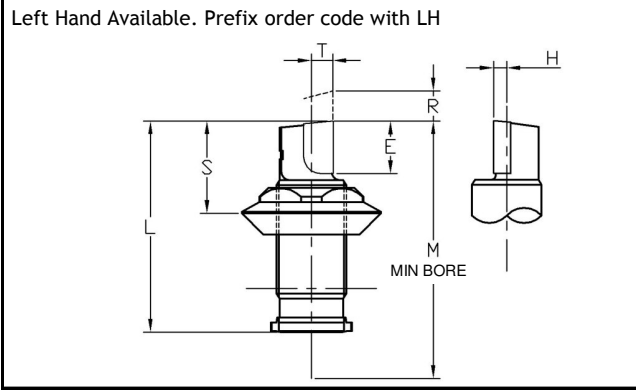
M2A2**-40	E, 12E, F &	19.8	21.0	4.4	8.7	0.4	1.2	2.8
M2B2**-40	12F	16.7	18.7	2.0	8.7	0.4	1.2	2.8

M3A2**-40	E, 12E, F &	25.4	26.2	6.4	11.1	0.8	1.6	3.2
M3B2**-40	12F	21.4	23.0	3.2	11.1	0.8	1.6	3.2

M5A2**-40	E, 12E, F &	39.7	41.3	10.3	16.0	1.2	2.4	6.4
M5B2**-40	12F	33.3	35.7	5.6	16.0	1.2	2.4	6.4

M7A2**-80	E, 12E, F &	55.6	58.7	12.7	25.4	-1.6	3.2	15.1
M7B2**-80	12F	49.2	53.2	7.9	25.4	-1.6	3.2	15.1

M10A2**-80	E, 12E, F &	76.2	78.6	22.2	31.8	-0.8	4.8	19.1
M10B2**-80	12F	63.5	68.3	12.7	31.8	-0.8	4.8	19.1



Microbore Unit	Carbide Grades	Dimensions in mm						
		L	M	R	S	T	H	E
M1A5**-50	E, 12E, F &	14.3	18.3	4.0	6.4	1.6	0.8	3.2
M1B5**-50	12F	11.5	15.1	1.6	6.4	1.6	0.8	3.2

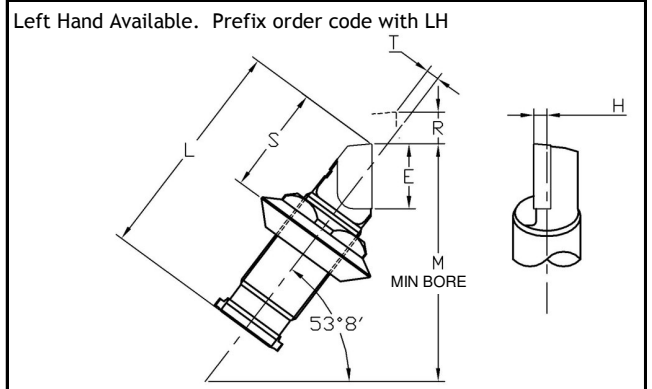
M2A5**-50	E, 12E, F &	19.8	24.2	5.6	8.7	2.0	1.2	4.0
M2B5**-50	12F	16.7	21.0	2.4	8.7	2.0	1.2	4.0

M3A5**-50	E, 12E, F &	25.4	31.0	7.9	11.1	2.4	1.6	5.6
M3B5**-50	12F	21.4	27.0	4.0	11.1	2.4	1.6	5.6

M5A5**-50	E, 12E, F &	39.7	48.4	13.5	16.0	4.0	2.4	9.1
M5B5**-50	12F	33.3	42.1	7.1	16.0	4.0	2.4	9.1

M7A5**-100	E, 12E, F &	55.6	66.7	16.7	25.4	6.4	3.2	15.9
M7B5**-100	12F	49.2	60.3	10.3	25.4	6.4	3.2	15.9

M10A5**-100	E, 12E, F &	76.2	88.9	28.6	31.8	9.5	4.8	19.1
M10B5**-100	12F	63.5	76.2	15.9	31.8	9.5	4.8	19.1



Microbore Unit	Carbide Grades	Dimensions in mm						
		L	M	R	S	T	H	E
M1A3**-40	E, 12E, F &	15.1	17.5	3.2	7.1	0.8	0.8	3.6
M1B3**-40	12F	12.3	14.9	1.2	7.1	0.8	0.8	3.6

M2A3**-40	E, 12E, F &	21.4	23.0	4.4	10.3	1.2	1.2	5.6
M2B3**-40	12F	18.3	20.6	2.0	10.3	1.2	1.2	5.6

M3A3**-40	E, 12E, F &	27.0	29.4	6.4	12.7	1.6	1.6	7.5
M3B3**-40	12F	23.0	26.2	3.2	12.7	1.6	1.6	7.5

M5A3**-40	E, 12E, F &	42.9	46.0	10.3	19.1	2.4	2.4	11.9
M5B3**-40	12F	36.5	40.5	5.6	19.1	2.4	2.4	11.9

M7A3**-80	E, 12E, F &	58.7	62.7	12.7	28.6	4.8	3.2	19.8
M7B3**-80	12F	52.4	57.9	7.9	28.6	4.8	3.2	19.8

M10A3**-80	E, 12E, F &	82.6	86.5	22.2	38.1	6.4	4.8	27.8
M10B3**-80	12F	69.9	76.2	12.7	38.1	6.4	4.8	27.8

Alternative style units and lead angles can be supplied to order. Please enquire for delivery time.

When ordering please add the carbide grade to the Microbore part No. in the space provided. Eg. M5A2**-40 could become M5A2**12E**-40 when the appropriate carbide grade is added.

Dimension 'T' is measured to sharp corner, a minus sign denotes corner is behind unit centreline.