



# ELMECA

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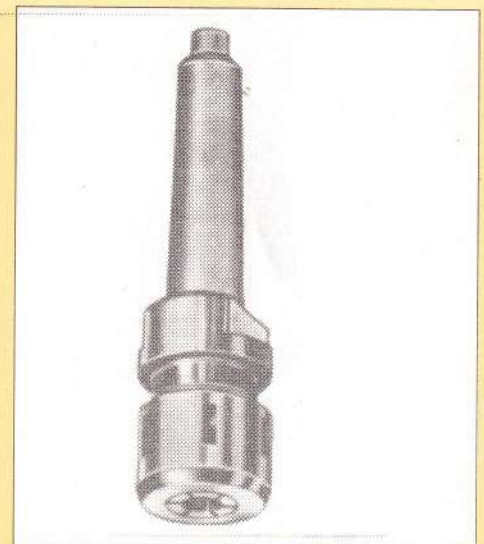
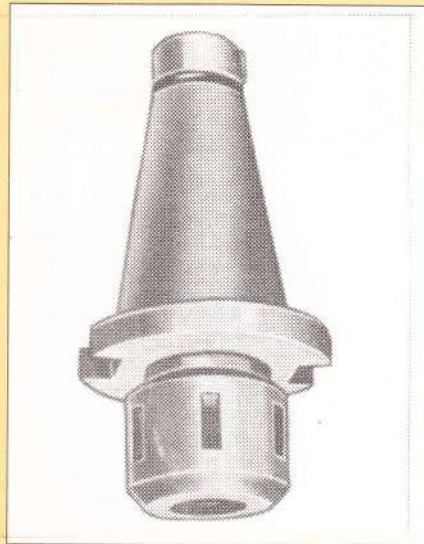
## ELMECA M' Series Milling Adaptors

'These adaptors can be used on milling machines of any make, indigenous or imported, for holding straight shank end mills, cutters, drills, reamers, etc. Made of alloy case-hardening steel to international standards, these adaptors with inch or metric draw bolt threads and a set of collets can be supplied to customers' requirements.

Elmecca 'M' series adaptors is yet another step for achieving optimum efficiency of a milling machine. Slender taper on the collets makes the adaptor very rigid and it can withstand high cutting forces. Careful selection of material and its processing ensure long life with consistent true running quality.

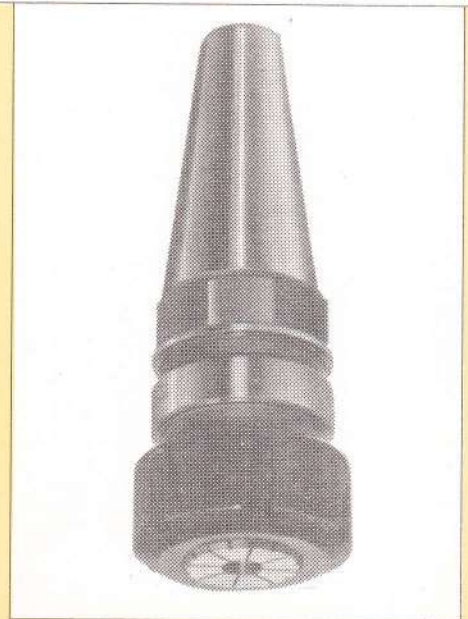
### Important Features

- 100% contact area of the collet on the cutter.
- Self release for rapid and easy removal of cutter.
- Concentric grip.
- Highest quality of materials used.



### ADAPTORS WITH MORSE TAPERS

Code No	Capacity	Shank Taper	D	L	L1	L2	Thd M	Collet Code
AMT 2-16	2-16	MT2	52	73	—	—	Tang	M16
AMD 2-16				—	—	M10 or 3/8" BSW		
AMT 3-16	2-16	MT3	52	74	22	33.5	Tang	M16
AMD-316				69	—	—	M12 or 1/2" BSW	
AMT 3-25	3-25		63	81	22	33.5	Tang	M25
AMD 3-25					—	—	M12 or 1/2" BSW	
AMT 4-25	3-25	MT4	63	85	22	36.5	Tang	M32
AMD 4-25							—	
AMT 4-32	5-32		73	94	22	36.5	Tang	
AMD 4-32							98	
AMT 5-25	3-25	MT5	63	90	22	41.5	Tang	M25
AMD 5-25							90	
AMT 5-32	5-32		73	99	22	41.5	Tang	M32
AMD 5-32							—	
AMT 5-40	10-40	MT6	90	106	22	41.5	Tang	M40
AMD 5-40							86	
AMT 6-25	3-25		63	77	22	35	Tang	M25
AMD 6-25							58	
AMT 6-32	5-32	73	84	22	35	Tang	M32	
AMD 6-32						67		—
AMT 6-40	10-40	90	46	22	35	Tang	M40	
AMD 6-40						119		—
AMT 6-50	12-50	106	105	22	35	Tang	M50	
AMD 6-50						98		—



**Ordering Example :** For m/c having MT5 taper and drawbolt thds of 3/4" BSW and if the adaptor required is of 25mm capacity then order : **AMD 5-25x3/4" BSW.**

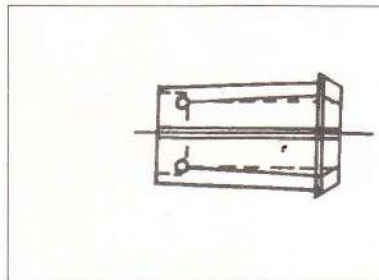
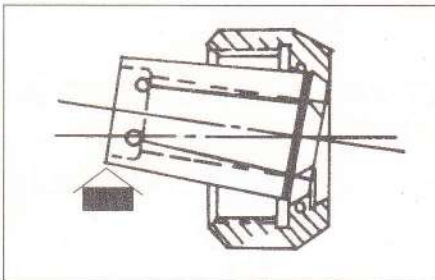
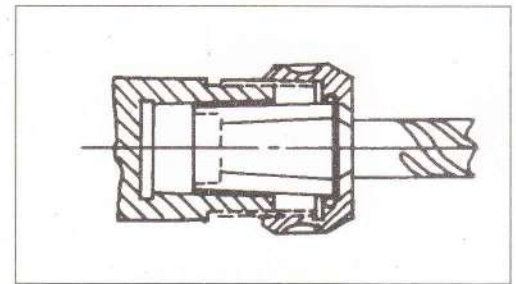
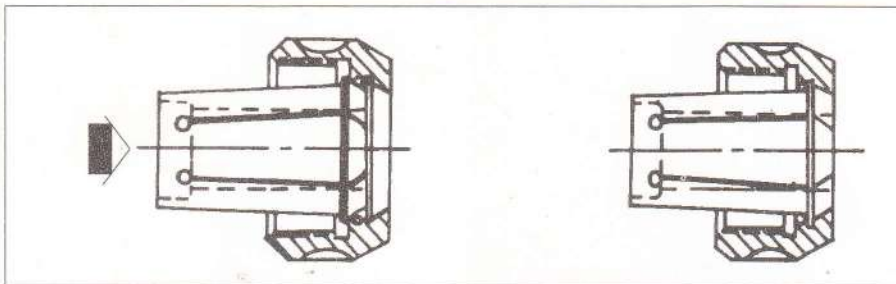
### Instructions For Removal And Insertion of Cutters & Collets

Before inserting the cutter, the collet should be simply pushed into the nut. The collet should snugly fit into the nose of the nut. The cutter should now be pushed into the collet. After doing so the nut (along with collet and cutter) should be gently screwed on to the adaptor. Final tightening pressure should be applied by the hook spanner. Under no circumstances should the collet be tightened into the adaptor without having inserted a cutter. If by mistake this is done, the collet will remain stuck in the adaptor and to remove it, you will need a special extractor. Under no circumstances should hammer be used to tap out the collet which will lead to destruction.

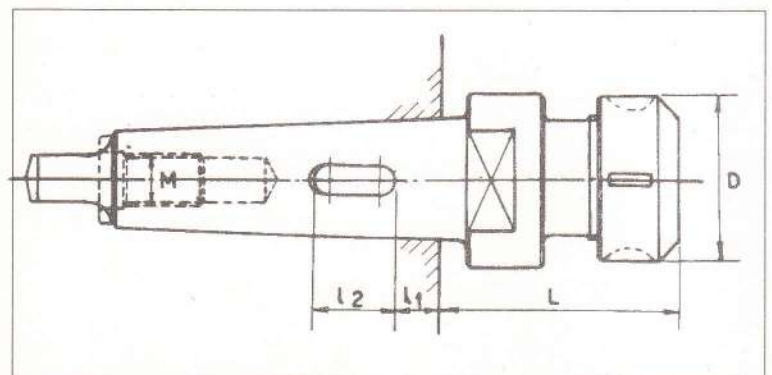
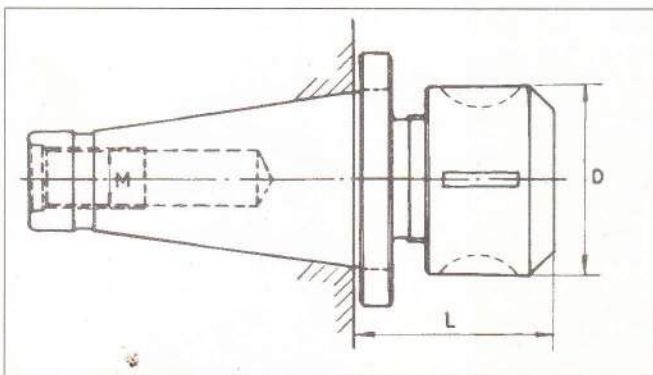
For removing the collet from the nut, a light side pressure should be applied on the tail of the collet. Thus when the collet collar gets released from the nose of the nut, it can be removed out of the nut.

Code No	Capacity	Shank Taper	D	L	Thds M	Collet Code
AM 30-16	2-16	ISO 30	52	52	M12 or 1/2" BSW	M16
AM 30-25	3-25		63	67		M25
AM 40-25	3-25	ISO 40	63	55	M16 or 5/8" BSW	M25
AM 40-32	5-32		73	62		M32
AM 40-40	10-40	—	90	82	—	M40
AM 50-25	3-25	ISO 50	63	57	M24 or 1" BSW	M25
AM 50-32	5-32		73	67		M32
AM 50-40	10-40		90	72		M40
AM 50-50	12-50		106	80		M50
AM 60-25	3-25	ISO 60	63	63	M30 or 1.1/4" BSW	M25
AM 60-32	5-32		73	73		M32
AM 60-40	10-40		90	76		M40

**Ordering Example :** For machine having ISO 50 taper and drawbolt thds 1" BSW against requirement of adaptor with maximum collet cap of 40mm the order should be read as :  
**Milling adaptor Model AM 50-40 x 1" BSW**



Collet Type	Collet Range	Collet Cap
M16	2-16 mm	16
M25	3-25 mm	25
M32	5-32 mm	32
M40	10-40 mm	40
M50	12-50 mm	50



keeping in step with today's technological strides, we make improvements in the designs of our products. Hence the product supplied may have features different from those described in this bulletin.

**ELMECA WORKS (Prop. Pelma Engg. Indus. Pvt. Ltd.)**

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