

# MIKRON REPLACEABLE HEAD MACHINE REAMERS

## INTRODUCTION

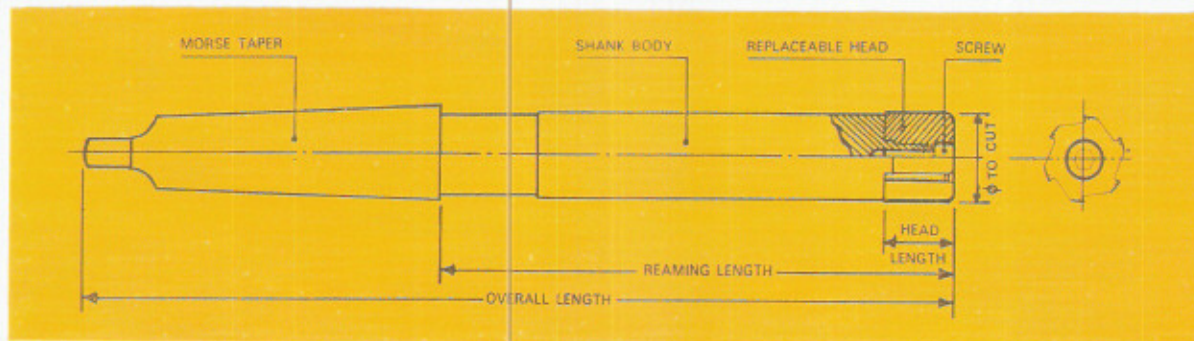
Replaceable Head Machine Reamers have been designed to achieve highest production rates and afford considerable savings in reamer costs. These reamers have replaceable carbide cutting heads to achieve accurate size and a very high finish and use the accepted principles of replaceable insert tooling. Manufactured from three basic parts, Shank Body, Replaceable Head and Screw, they constitute an entirely new concept in high production reaming. Reamers of rugged, simple construction are the answer to the modern machines of to-day when quick, accurate tool changes are essential to achieve extra production and when tool costs must be kept to a minimum. These reamers are the solution to this problem.

### Increased production and low machining costs.

A great saving is achieved on the floor to floor time for when the reamer falls below to accepted hole tolerance the shank is retained in the machine and only the head replaced. This eliminates taking a conventional reamer out of the machine and either taking it to the tool-room for regrinding or having to go to the store to obtain a new one. Thus machine re-setting is eliminated and non-production time is cut to minimum.

### Result-Tremendous saving in actual tool costs and increased production.

Costs to replace reamer head only, saves the total cost of complete worn reamer. Reduction and simplification of storage is achieved by the ability to store only a minimum working number of shank bodies plus maximum quantities of small size replaceable heads. Heads when returned to store are either within working tolerance and reusable or are scrap. This system eliminates the need to 'size' or regrind to smaller diameter.



## M/M SIZES STANDARD RANGE

NOMINAL Ø TO CUT	SHANK BODY COMPLETE WITH SCREW			REPLACEABLE HEAD		SCREW
	O/LENGTH	REAMING LENGTH	TAPER	NO. FLUTES	LENGTH	
8	146	80.5	NO. 1 MORSE	4	16	M3
9						
10						
11	156	90.5				
12						
13						
14	180	101.5				M4
15						
16						
17	193	109.5	NO. 2 MORSE	4	19	
18						
19						
20	200	121.5				M5
21						
22						
23	240	142	NO. 3 MORSE	6		
24						
25						

SPECIAL REAMERS WITH SIZES OR TOLERANCES NOT LISTED ARE MANUFACTURED TO CUSTOMERS ORDER PRICES ON APPLICATION.