

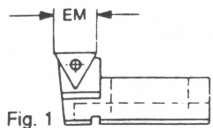
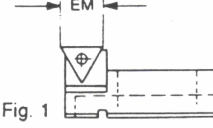
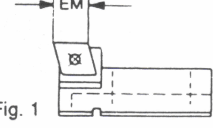
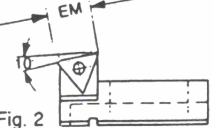
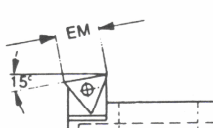
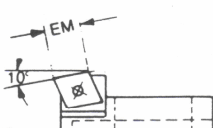
## TWINBORE BORING HEADS Ø28-36mm

Boring Range	TWINBORE Boring Heads					Boring Range	TWINBORE on Straight Shank				
	BB(Ø)	PART NO.	L	Fig	kg		BB (Ø)	PART NO.	Ø	L	kg
	28-36	MTP28-100	100	1	0.4	28-36	ZS20MTP28-180	20	40	0.5	

## ADAPTERS TO SUIT FIG 1.

BORING HEAD ADAPTERS ME FC ALL COMBINATIONS				BORING HEAD ADAPTERS 40BT & 50BT MAS 403				BORING HEAD ADAPTERS M40CT M45CT M50CT TO DIN69871, I.S.O. 7388/1 ANSI, METRIC CAT.			
PART NO.	L	Fig	kg	PART NO.	L	Fig	kg	PART NO.	L	Fig	kg
40-ADA2220-25	25	1	1.1	40BT-ADA2220-40	40	1	1.1	M40CT-ADA2220-40	40	1	1.1
40-ADA2220-100	100		1.7	40BT-ADA2220-100	100		1.7	M40CT-ADA2220-100	100		1.7
40-ADA2220-160	160		2.3	40BT-ADA2220-160	160		2.3	M45CT-ADA2220-40	40		1.8
50-ADA2220-25	25	1	3.7	50BT-ADA2220-40	40	1	3.7	M45CT-ADA2220-100	100	1	2.4
50-ADA2220-100	100		4.2	50BT-ADA2220-50	50		3.8	M50CT-ADA2220-40	40		3.7
50-ADA2220-160	160		4.7	50BT-ADA2220-100	100		4.2	M50CT-ADA2220-50	50		3.8
				50BT-ADA2220-160	160		4.7	M50CT-ADA2220-100	100		4.2
								M50CT-ADA2220-160	160		4.7

## INSERT HOLDERS Ø28-36mm

INSERT HOLDERS FOR NEGATIVE RAKE PIN LOCK ISO INSERTS				INSERT HOLDERS FOR ZERO RAKE CENTRE SCREW ISO INSERTS				STELLRAM INSERT HOLDERS			
 Fig. 1				 Fig. 1				 Fig. 1			
 Fig. 2				 Fig. 2				 Fig. 2			
Insert Holder	Insert	EM	Fig.	Insert Holder	Insert	EM	Fig.	Insert Holder	Insert	EM	Fig.
MTP28-1TL MTP28-107TL MTP28-1TL10	TNMM 1103.. TNMG1103..	11	1 1 2	MTP28-1TC MTP28-107TC MTP28-1TC15	TCMT1102...	11	1 1 2	MTP28-1EV MTP28-107EV MTP28-1EV10	EPMT08M3.. EPMX08M3..	8.2	1 1 2

2 insert holders required for Twinbore heads (Also see step boring)

## SPARE PARTS

INSERT HOLDER			INSERT SCREW	INSERT KEY
MTP28-1TL	MTP28-107TL	MTP28-1TL10	NLM23	T6
MTP28-1TC	MTP28-107TC	MTP28-1TC15	5513-020-03	T7
MTP28-1EV	MTP28-107EV	MTP28-1EV10	D4008	T15

TWINBORE HEAD	ADJUSTMENT SCREW	SPRING WASHER	LOCKSCREW
ZS20MTP28-180	MTP28-2	MTP28-15	M5X20
MTP28-100			

(Adjustment screws move the insert holders in and out.)

(The lockscrows hold the insert holder onto the boring head)