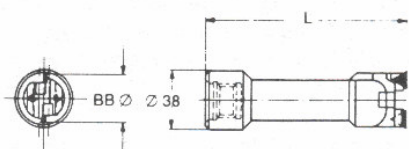
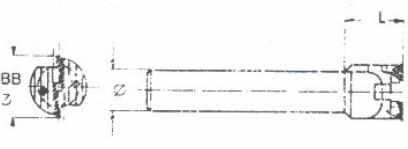
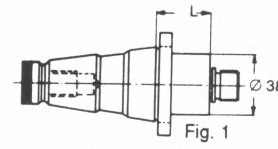
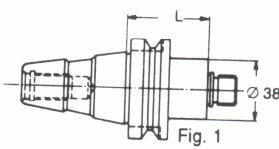
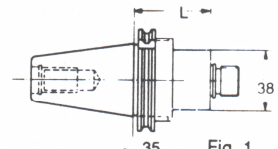


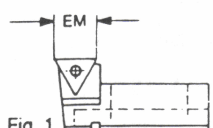
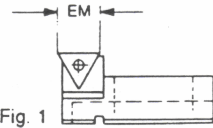
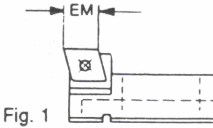
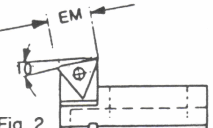
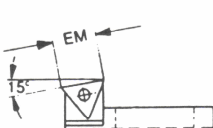
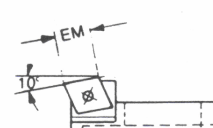
TWINBORE BORING HEADS

Boring Range	TWINBORE Boring Heads				Boring Range	TWINBORE on Straight Shank			
	Bore - \varnothing					Bore - \varnothing			
									
		Fig. 1					For use in Endmill Adapters (see Spindle Tooling Catalogue)		
36-50	MTP36-100 MTP36-160	100 160	1	0.6 0.9	36-50	ZS25MTP36-182	25	42	0.7

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

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.
MTP36-1TL MTP36-107TL MTP36-1TL10	TNMM 1103.. TNMG1103..	11	1 1 2	MTP36-1TC MTP36-107TC MTP36-1TC15	TCMT1102...	11	1 1 2	MTP36-1EV MTP36-107EV MTP36-1EV10	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
MTP36-1TL	MTP36-107TL	MTP36-1TL10	NLM23	T6
MTP36-1TC	MTP36-107TC	MTP36-1TC15	5513-020-03	T7
MTP36-1EV	MTP36-107EV	MTP36-1EV10	D4008	T15

TWINBORE HEAD	ADJUSTMENT SCREW	SPRING WASHER	LOCKSCREW
ZS20MTP36-180	MTP28-2	MTP36-15	M6X20
MTP36-100			
MTP36-160			

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

(The lock screws hold the insert holder onto the boring head)