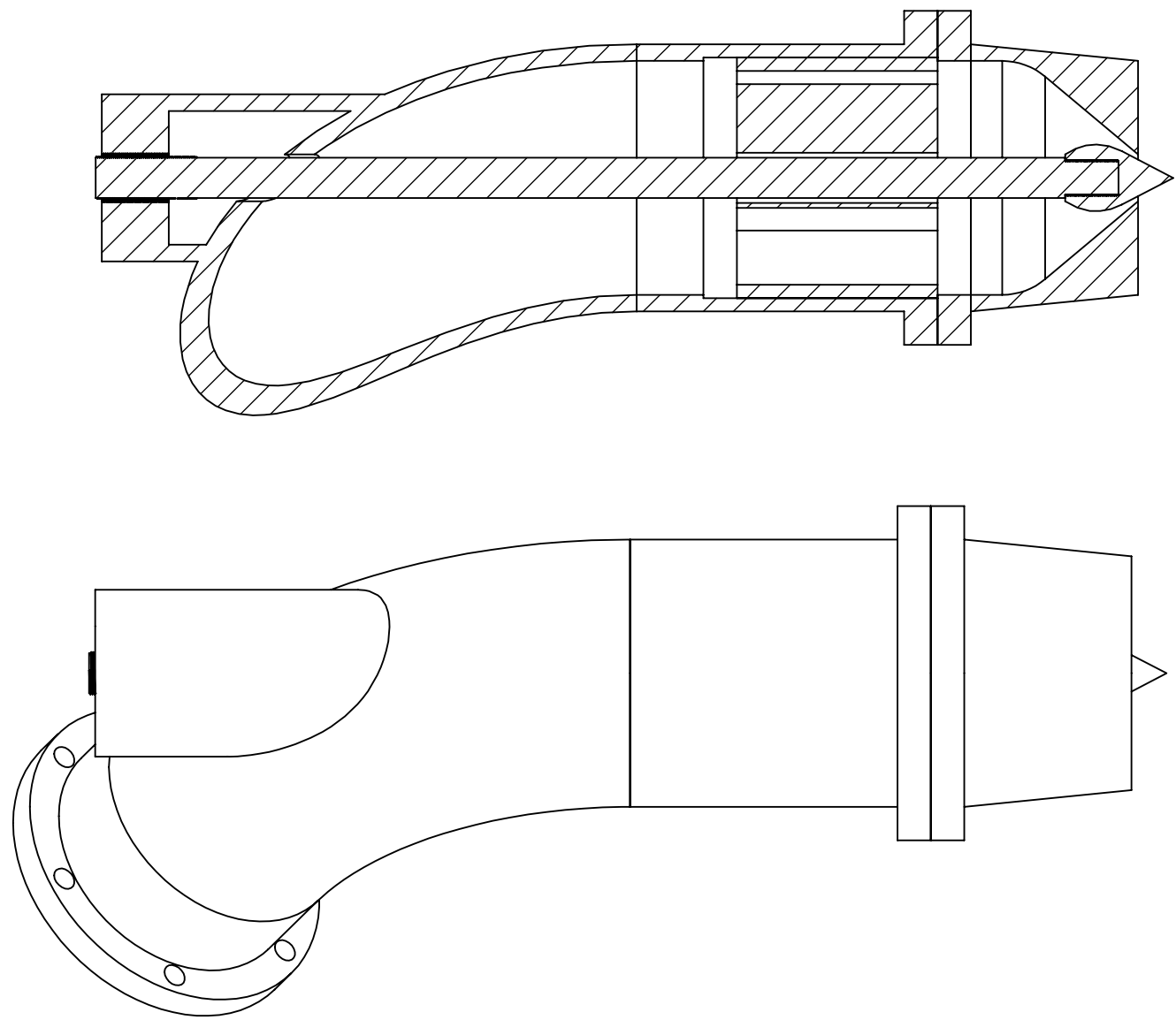
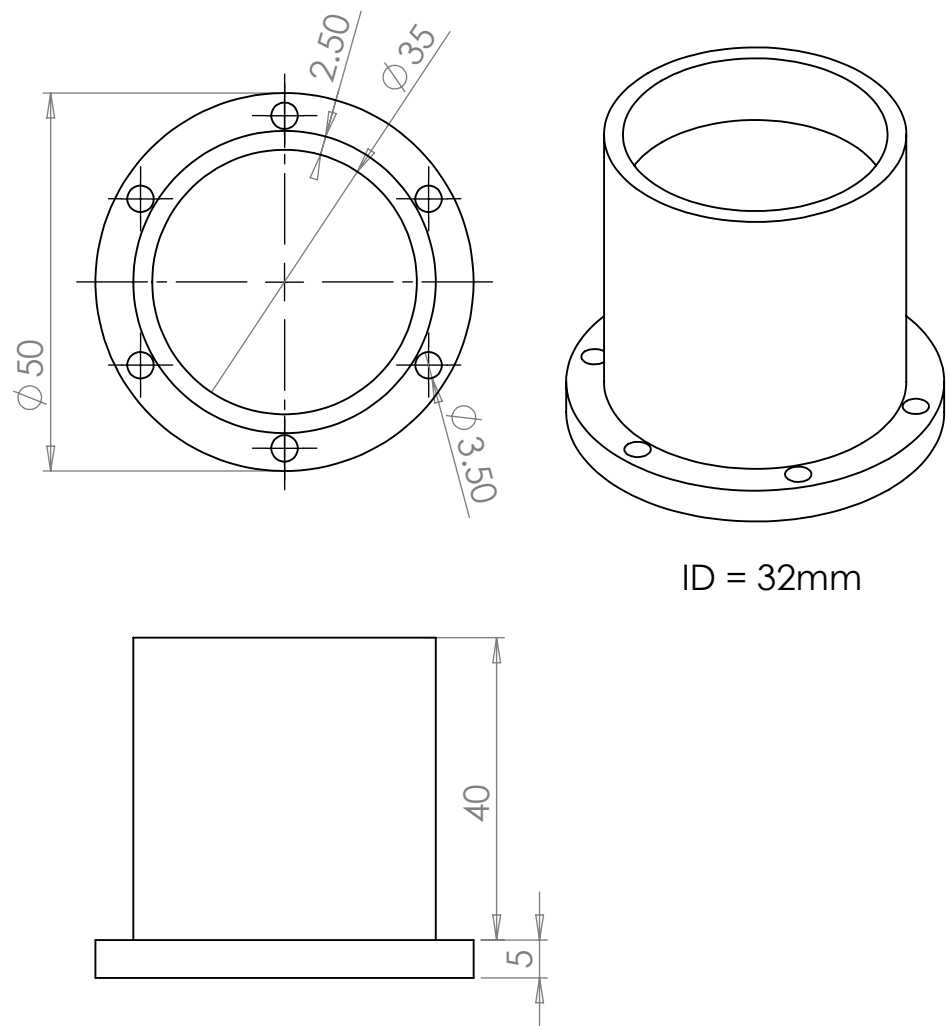


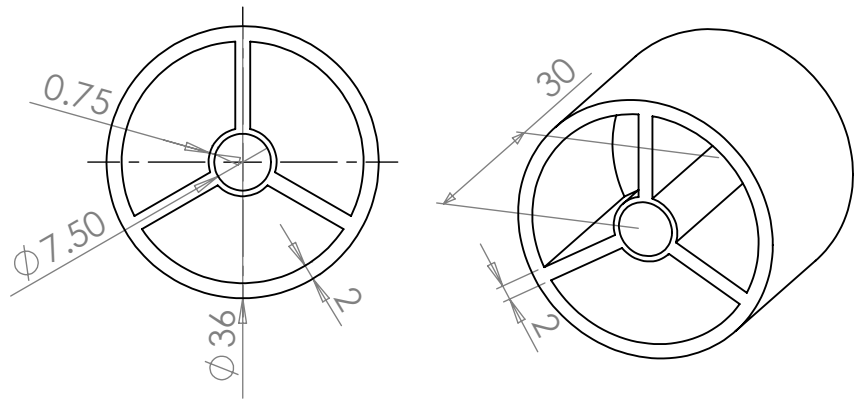
ASSEMBLY WHOLE



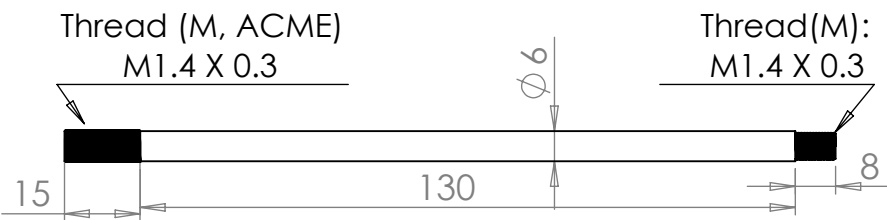
MIDDLE PIPE SECTION



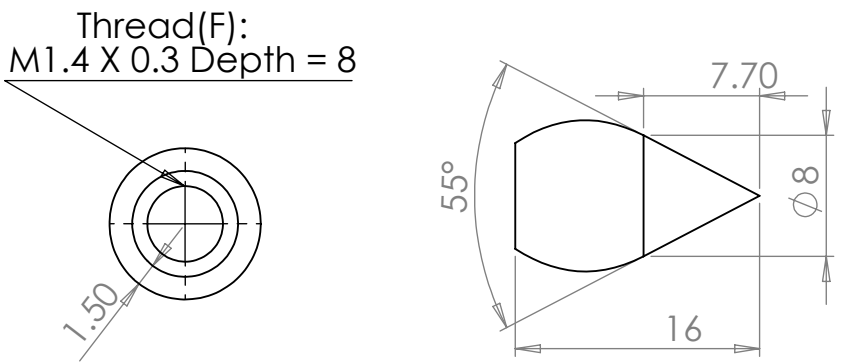
STAR (ALIGNMENT) GUIDE



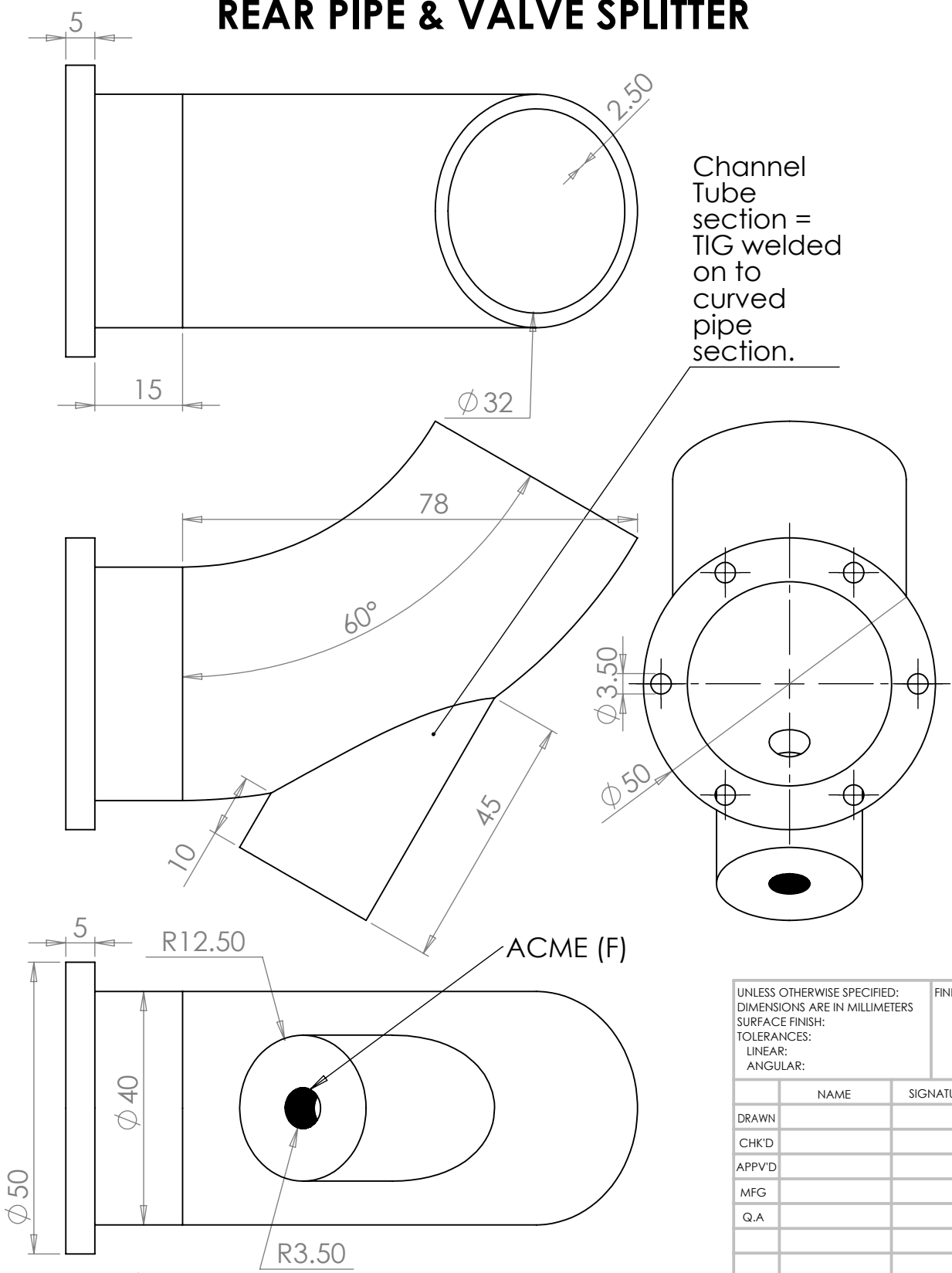
SPEAR SHAFT



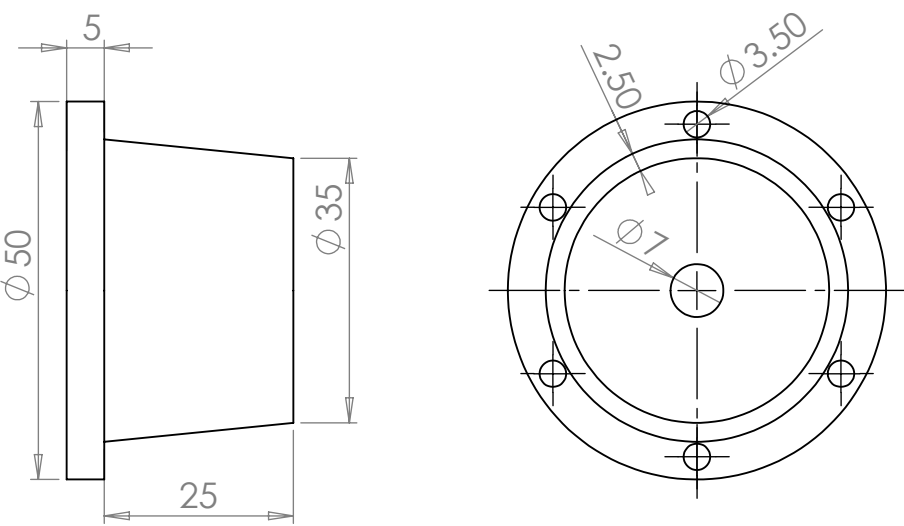
SPEAR (NEEDLE) HEAD



REAR PIPE & VALVE SPLITTER



FRONT NOZZLE & FLANGE



ITEM NO.	PART	DESCRIPTION	QTY.
1	Front Nozzle& Flange	Stainless, tapered nozzle.	1
2	Star Guide	Phosphour Bronze, BS1400 PB1	1
3	Middle Pipe Section & Flange	Stainless Tube. 32mm Bore	1
4	Rear Pipe & Splitter	Channel tube to be welded on to pipe. Bent pipe section obtained from completestainless.co.uk	1
5	Spear Head	Stainless, CNC machined. Interior tapped hole on broad end.	1
6	Spear Shaft	Stainless Rod - 6mm. Threaded on both ends, ACME for actuation through channel tube, normal for securing to (5).	1

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:				FINISH:				TITLE: <b>SPEAR VALVE ASSEMBLY</b>	
DRAWN	NAME	SIGNATURE	DATE			MATERIAL:		DWG NO.	A2
CHK'D									
APP'VD									
MFG									
Q.A									
SCALE:2:1								SHEET 1 OF 1	