ENGLISH LATHE
SCREWCUTTING EXAMPLE

TO CUT A 12 TPI THREAD

$$\frac{38}{28} \times \frac{28}{38} \times \frac{32}{100} \times \frac{100}{48} \times 1/8 = 0.0833 = 12$$

REVERSING GEARS | END DRIVE | LEADSCREW PITCH | RESULTING PITCH | T.P.I.
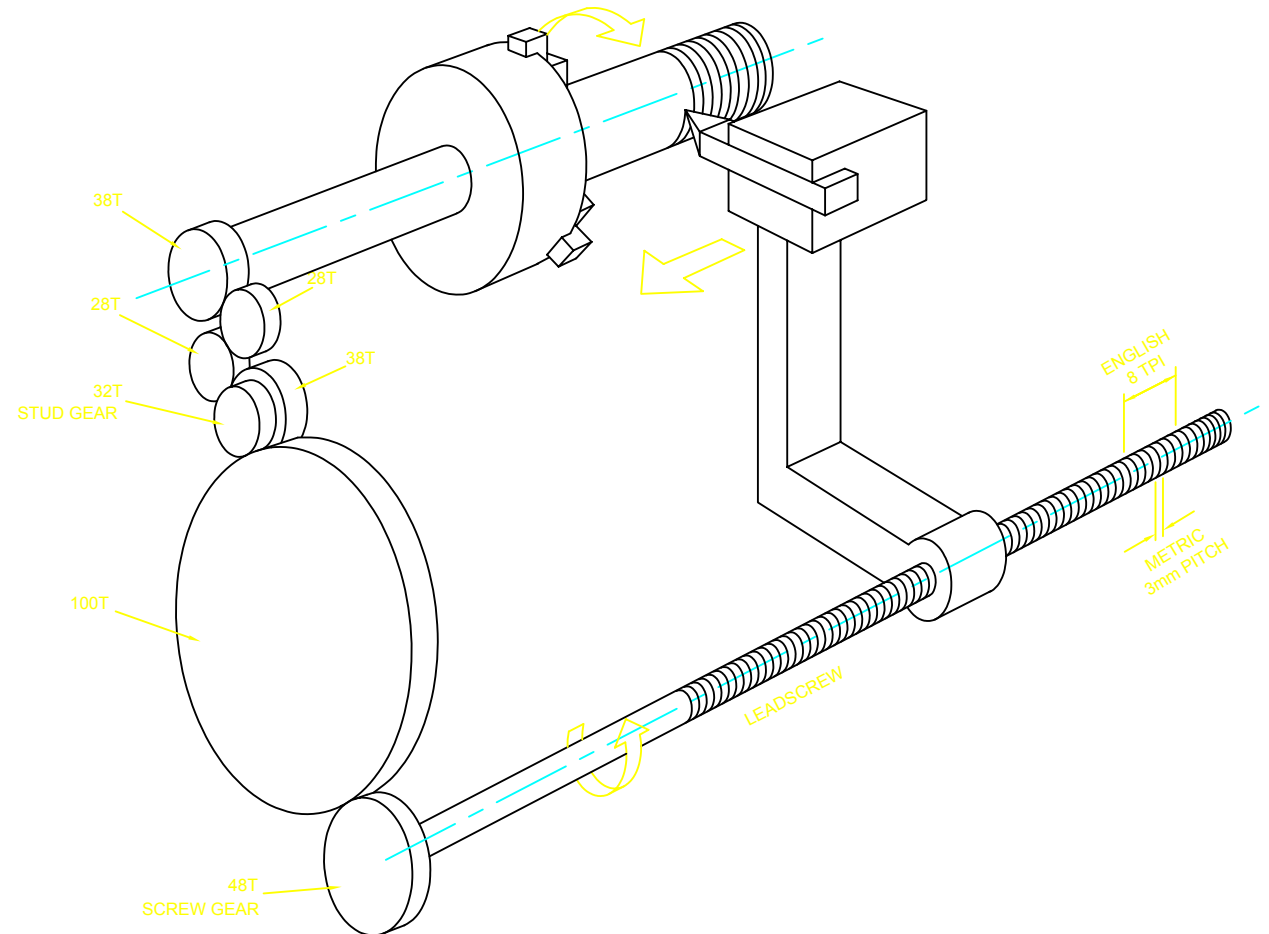
REFER TO SCREW THREAD CHART CH160

METRIC LATHE
SCREWCUTTING EXAMPLE

TO CUT A 2,0 PITCH THREAD

$$\frac{38}{28} \times \frac{28}{38} \times \frac{32}{100} \times \frac{100}{48} \times 3 = 2,0$$

REVERSING GEARS | END DRIVE | LEADSCREW PITCH | RESULTING PITCH

REFER TO SCREW THREAD CHART CH159

38T
28T
28T
32T
STUD GEAR
38T
100T
48T
SCREW GEAR
LEADSCREW
ENGLISH 8 TPI
METRIC 3mm PITCH

	DRAWN	IV	CHECKED	
	DATE	29.11.02		
	SCALE	- - - -		
	MACHINE	TDS.1 LS & TDS 1/2 PCS		
DENFORD	TITLE	SCREWCUTTING EXAMPLE		
COMPUTERISED MACHINES AND SYSTEMS	DWG N°.	ML105/100D		