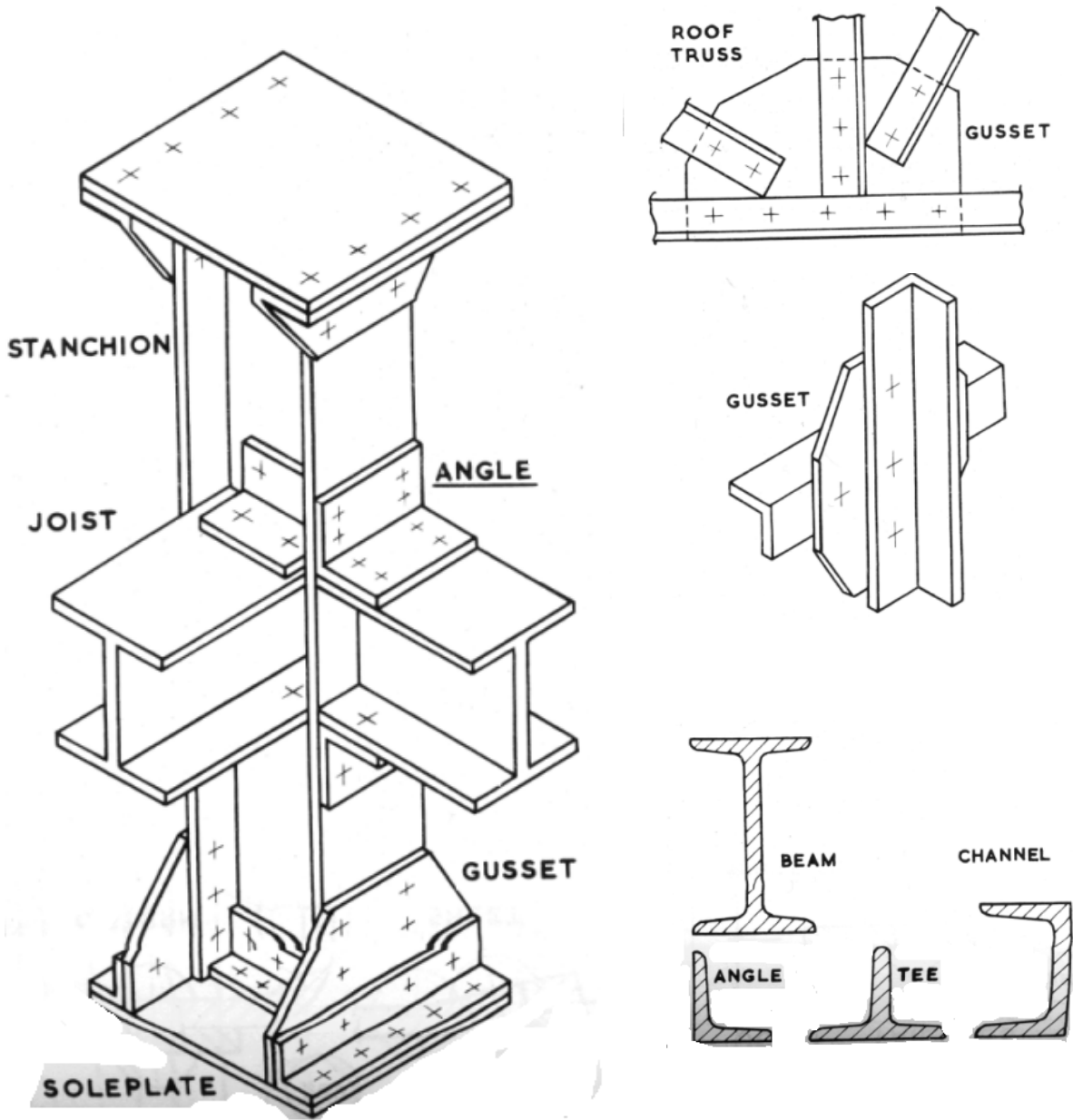
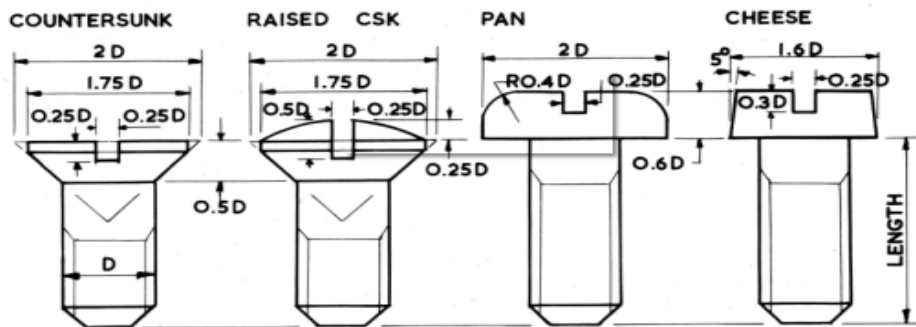
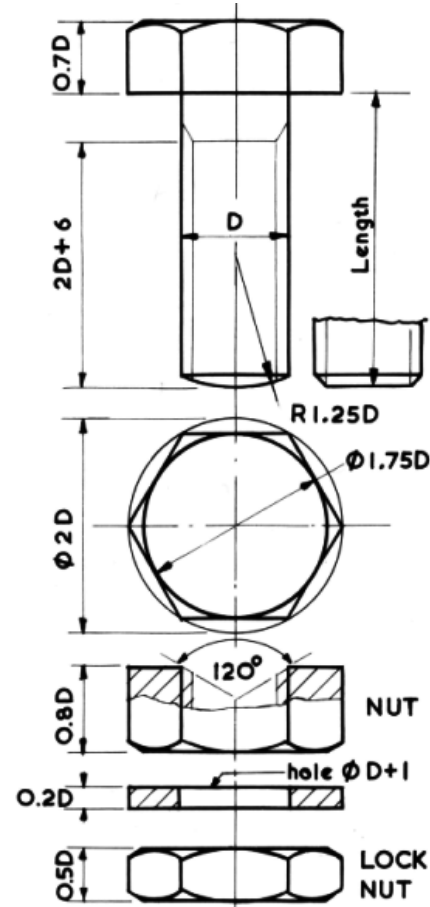
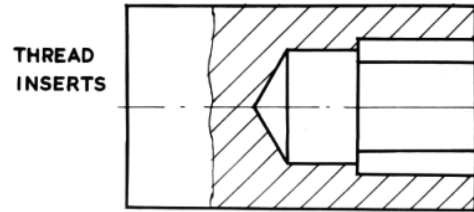
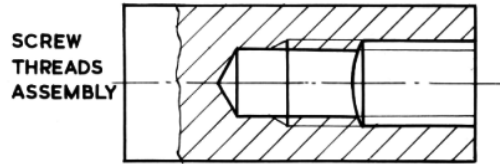
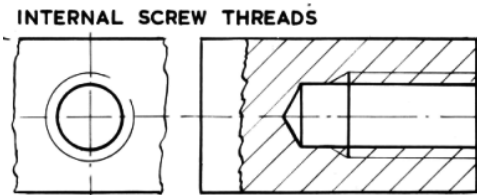
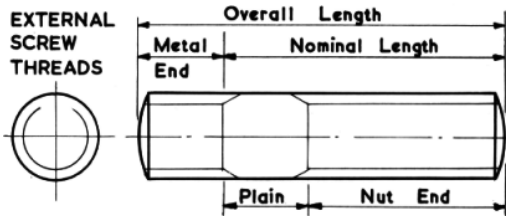


Steel/Iron Sections

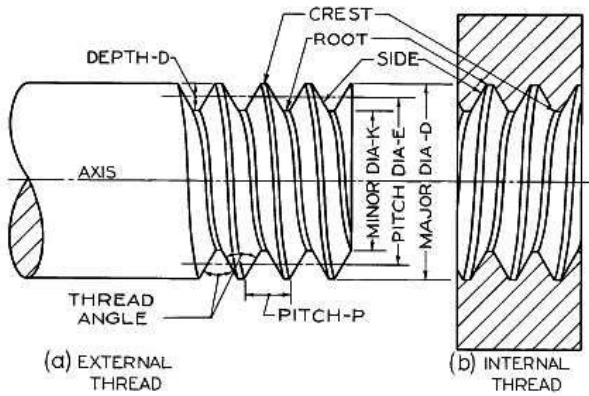


Machine Screws:

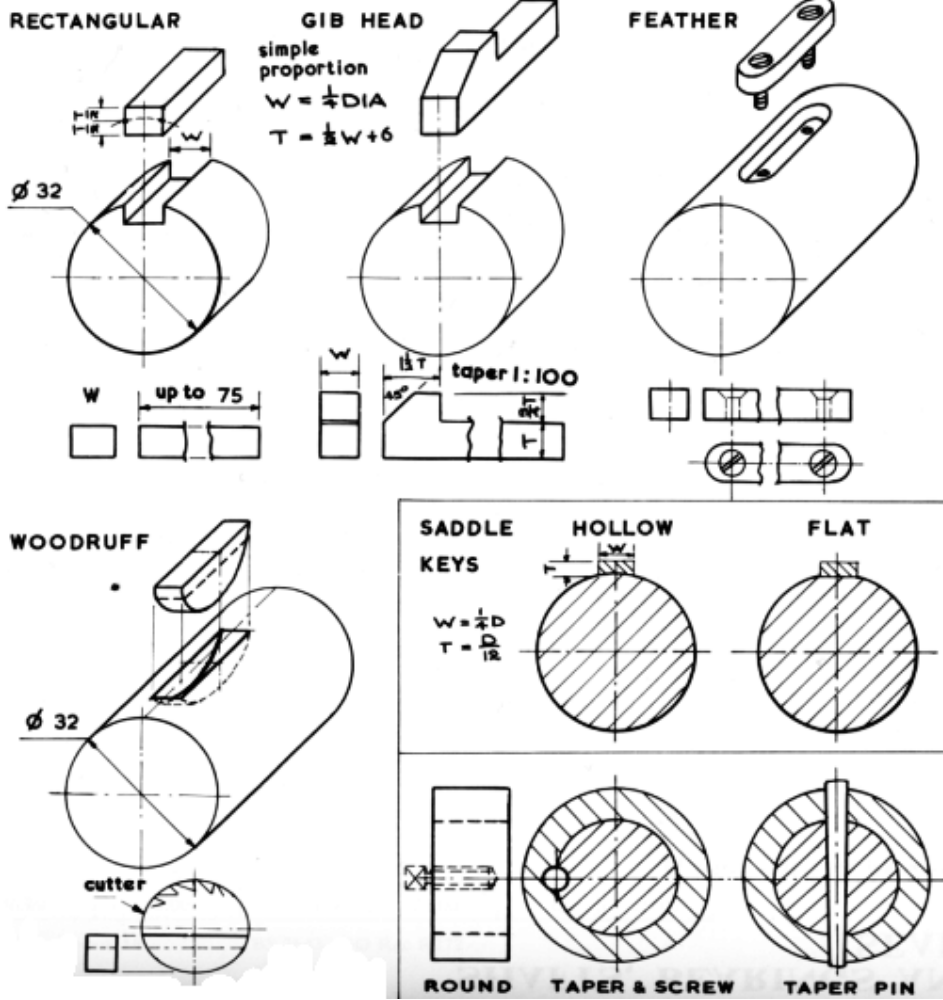




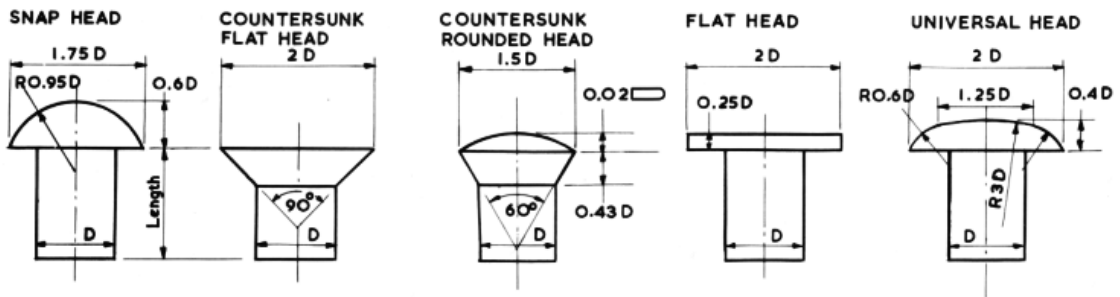
*Designation:
Material, Head, ISO details
e.g.
STEEL HEX HD BOLTS
M20x2.5x55



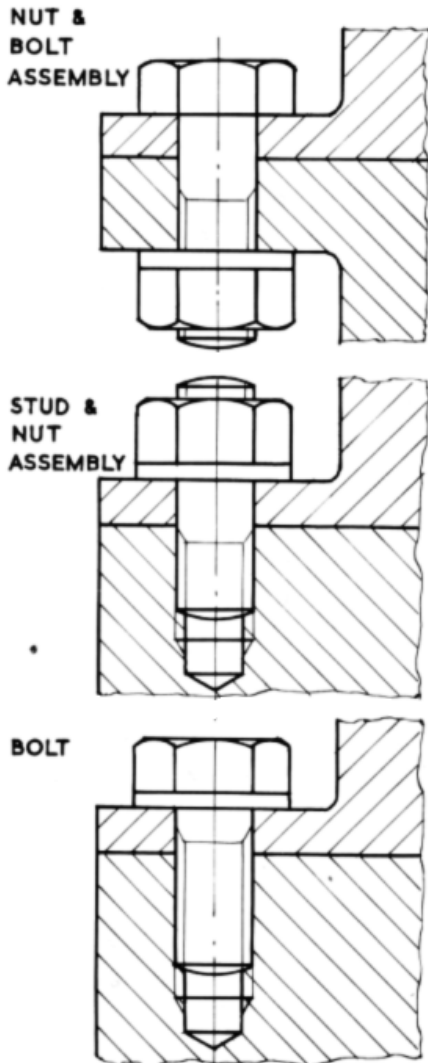
Keys:



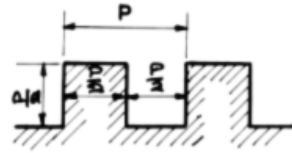
Rivets:



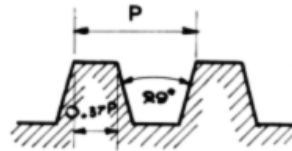
Screw Threads:



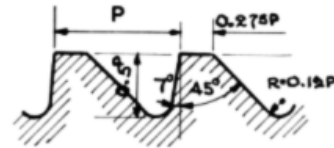
SQUARE



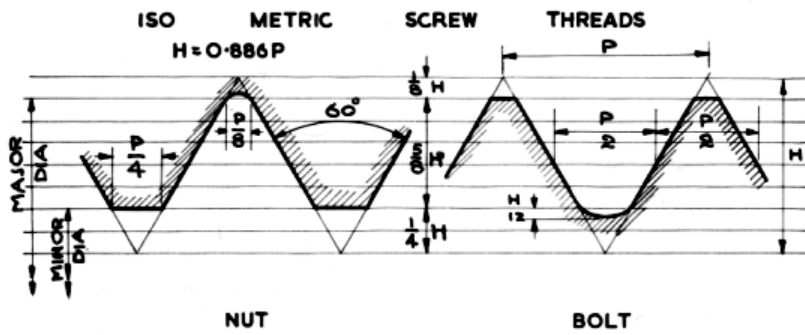
ACME



BUTTRESS



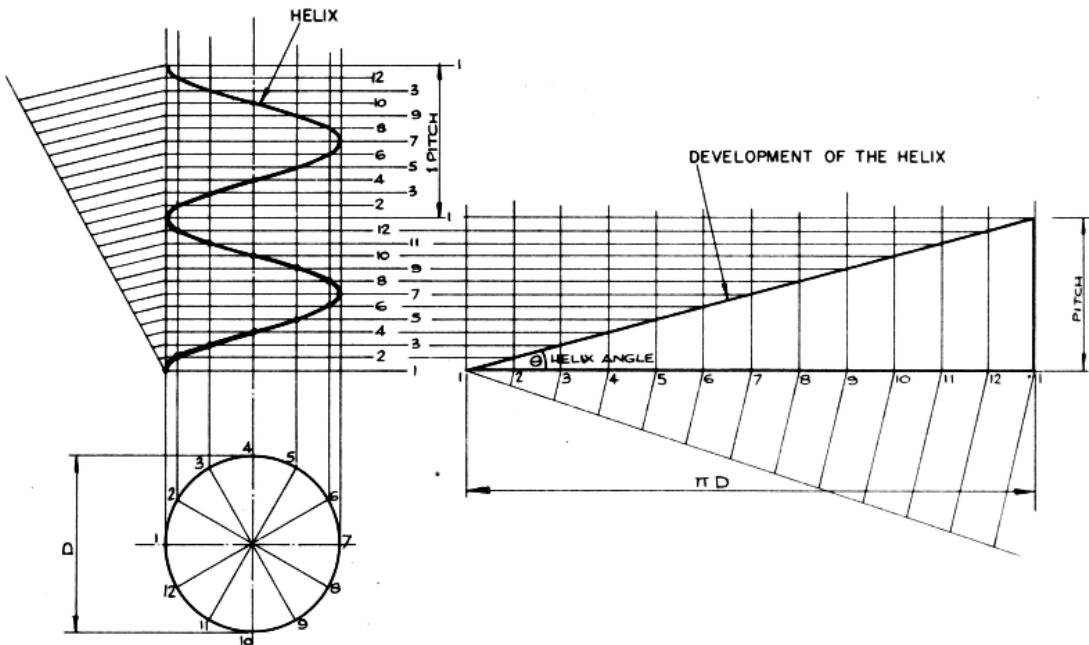
METRIC



Nominal size	Pitch of thread		Diameter of unthreaded shank	Width across flats	Diameter of Washer Face	Height of Head	Radius underhead	Thickness of Nut
	Coarse	Fine						
D	Coarse	Fine	B	A	E	F	R	F ₁
M3	0.5	0.35	3.00	5.50	5.07	2.00	0.2	2.40
M4	0.7	0.50	4.00	7.00	6.53	2.80	0.3	3.20
M5	0.8	0.50	5.00	8.00	7.53	3.50	0.3	4.00
M6	1.0	0.75	6.00	10.00	9.53	4.00	0.4	5.00
M8	1.25	1.0	8.00	13.00	12.48	5.50	0.6	6.50
M10	1.5	1.25	10.00	17.00	16.48	7.00	0.6	8.00
M12	1.75	1.25	12.00	19.00	18.37	8.00	1.0	10.00
M16	2.0	1.5	16.00	22.00	23.18	10.00	1.0	13.00
M20	2.5	1.5	20.00	24.00	29.10	13.00	1.2	16.00
M24	3.0	2.0	24.00	36.00	35.00	15.00	1.2	19.00
M30	3.5	2.0	30.00	46.00	44.95	19.00	1.6	24.00
M36	4.0	—	36.00	55.00	53.83	23.00	1.6	29.00

Ref BS Handbook 18.

BS 3643. ISO Rec R272



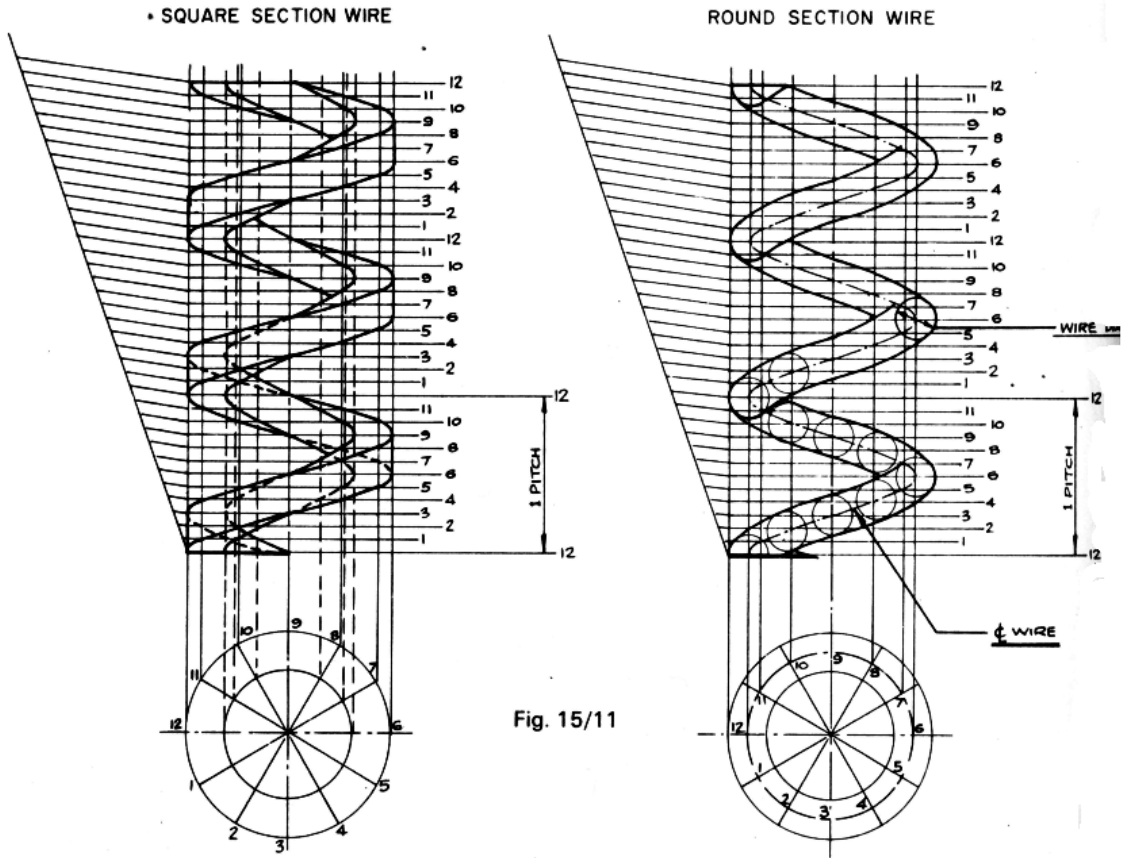
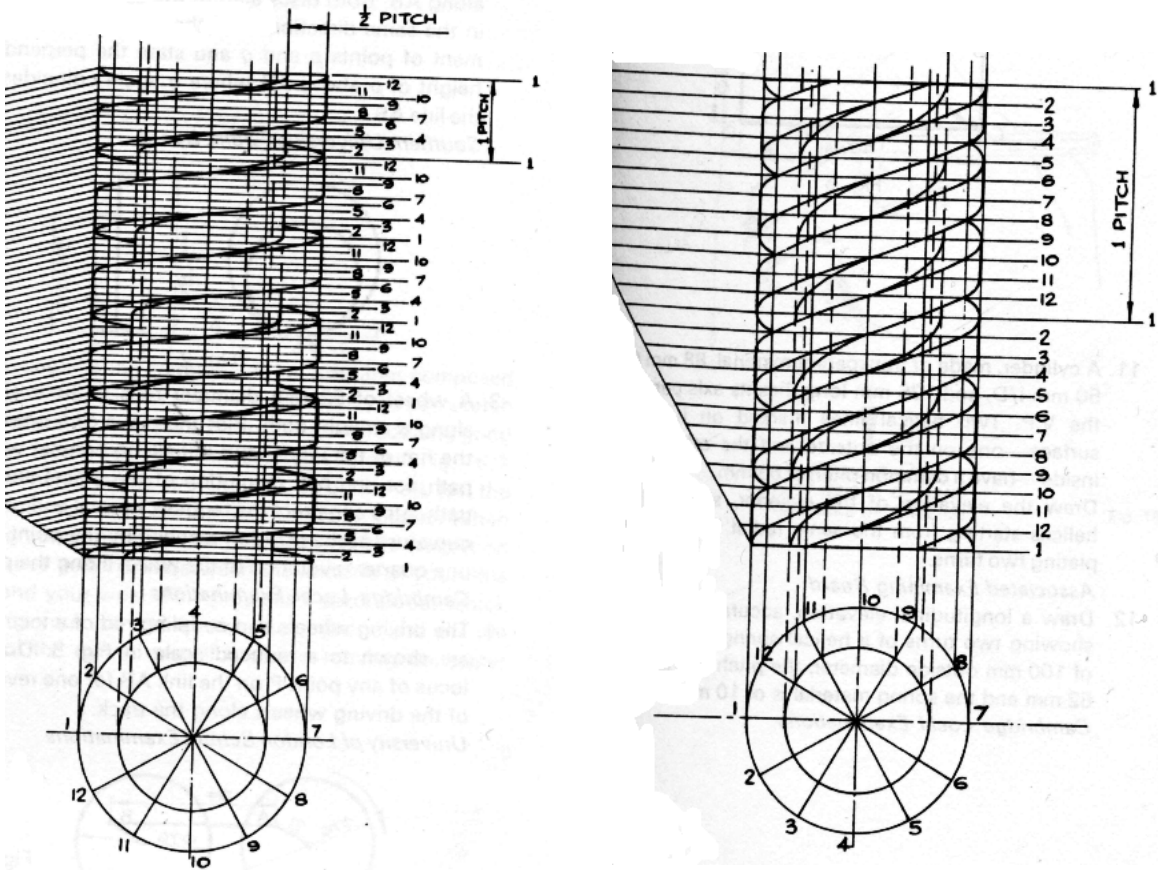
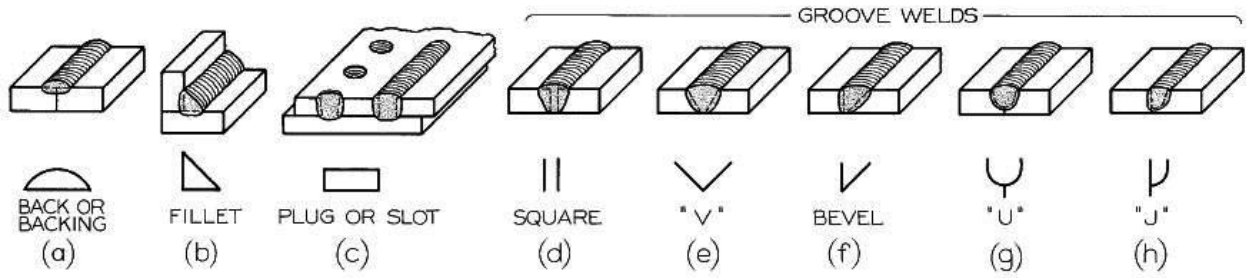


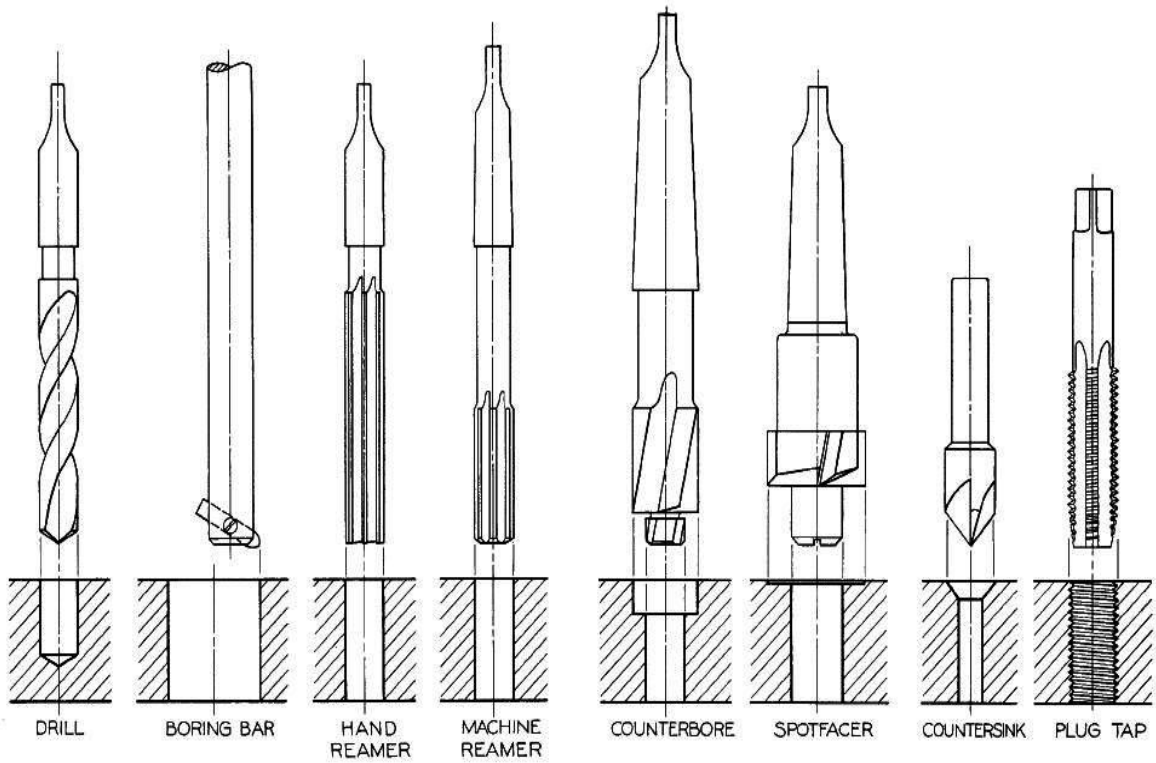
Fig. 15/11



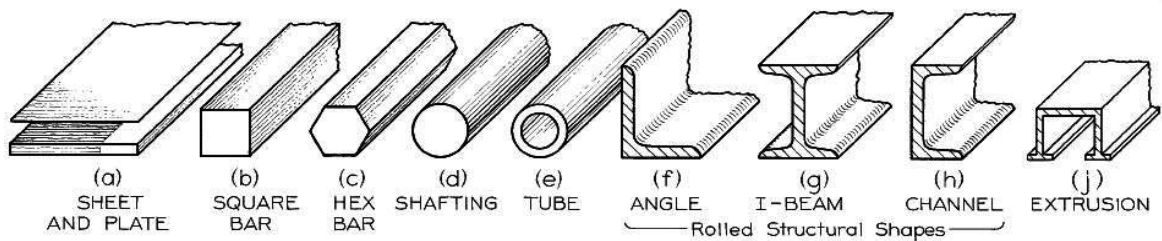
Welding Symbols:



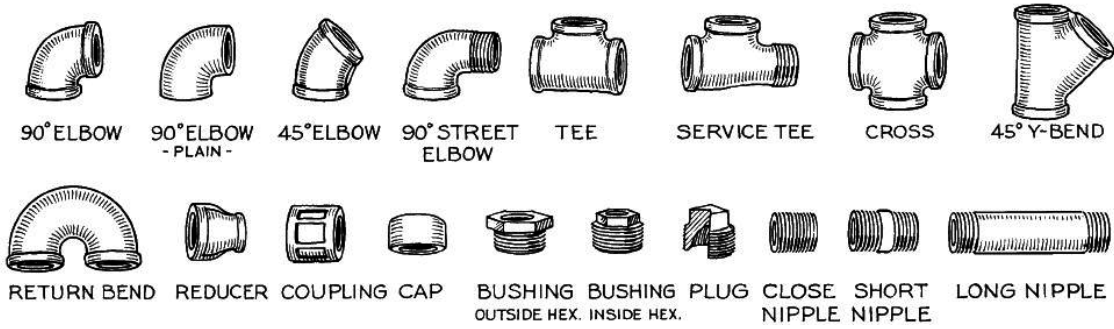
Machined Holes:



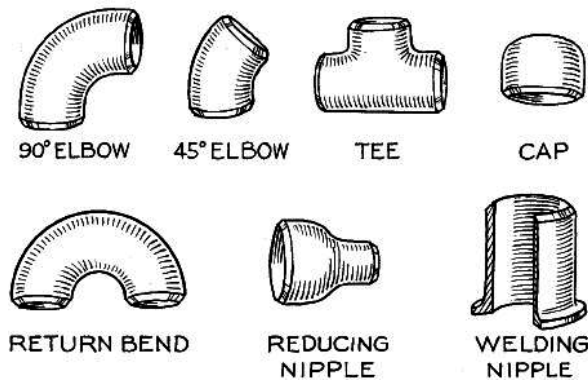
Common Stock Sections:



Screwed Fittings:



Flanged Fittings:



Soldered Fittings:

