

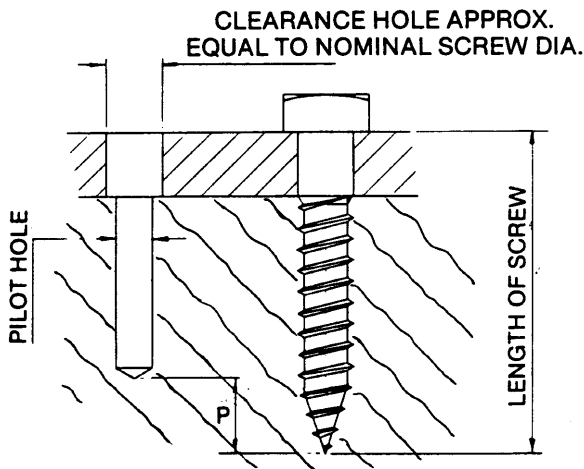
COACH SCREWS

The coach screw can be classed as a heavy duty woodscrew. It has a square head drive for spanner or square socket tightening and assembly. Coach screws are primarily used for holding together timber assemblies.

Mechanical Properties

The product, which is unhardened, is manufactured from steel having a minimum tensile strength of 430 N/mm² (28 ton f/in²).

Pilot Hole sizes

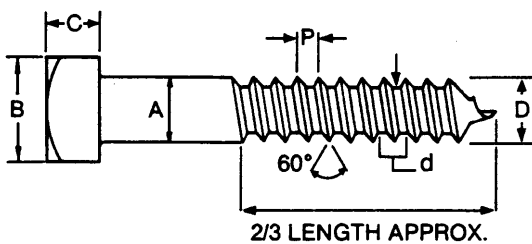


Screw Size (Ins)	p* in.	Pilot Hole Dia. in.	Hard Woods Nearest Drill Sizes		Pilot Hole Dia. in.	Soft Woods Nearest Drill Sizes	
			mm	No. or Ins.		mm	No. or Ins.
1/4	0.355	0.177	4.5	No. 16	0.152	3.8	No. 25
5/16	0.394	0.230	5.8	No. 1	0.197	5.0	No. 9
3/8	0.552	0.305	7.7	N	0.260	6.6	G
1/2	0.709	0.368	9.3	U	0.315	8.0	O

* P is the amount by which the pilot hole is shorter than the screw length (see diagram).

Head and Thread Dimensions

Square head.
Single start thread form.



Screw Size	Pitch	Head AF B	Head Height C	Shank Dia. A		Major Dia. D		Core Dia. d Nom
				Max	Min	Max	Min	
1/4	0.095	0.437	0.170	0.248	0.246	0.261	0.255	0.170
5/16	0.138	0.520	0.212	0.294	0.292	0.313	0.307	0.220
3/8	0.177	0.592	0.254	0.373	0.371	0.388	0.382	0.290
1/2	0.187	0.810	0.360	0.500	0.495	0.503	0.497	0.350

Dimensions in ins.