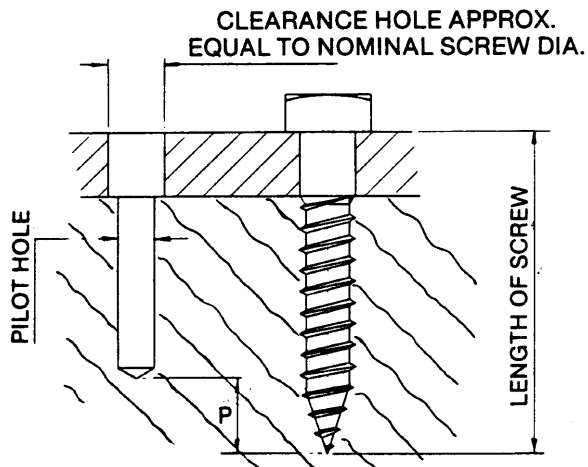


## COACH SCREWS

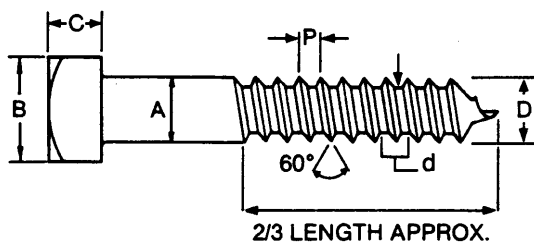
The coach screw can be classed as a heavy duty woodscrew. It has a square head drive for spanner or square socket tightening and assembly. Coach screws are primarily used for holding together timber assemblies.

### Pilot Hole sizes



### Head and Thread Dimensions

Square head.  
Single start thread form.



## Mechanical Properties

The product, which is unhardened, is manufactured from steel having a minimum tensile strength of 430 N/mm<sup>2</sup> (28 ton f/in<sup>2</sup>).

| 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).

| 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.