

## SCREW 5\*75 DESCRIPTION

A **5x75 screw** represents a highly versatile fastener measuring **5 mm in diameter and 75 mm in length**. This sizing is most commonly applied to **wood and chipboard screws**, but it also encompasses **M5 metric machine screws** utilized in mechanical assemblies. [[1](#), [2](#), [3](#), [4](#), [5](#), [6](#)]

### Key Specifications

- **Diameter (5 mm):** Refers to the major thread outer diameter (or the metric M5 designation).
  - **Length (75 mm):** The total structural length. For countersunk head designs, this spans from the top of the flat head to the tip. For pan or socket heads, it typically measures the length under the head. [[1](#), [2](#), [3](#), [4](#), [5](#)]
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### Common Configurations and Variations

- **Chipboard & Wood Screws (Self-Tapping):**
    - **Design:** Feature a slim shank core with deep, aggressive coarse threads designed to maximise pull-out resistance.
    - **Functionality:** These are optimized to pierce synthetic woods (MDF, particleboard) and softwoods cleanly without causing wood splitting.
    - **Head Style:** Most frequently paired with a countersunk flat profile using a **Pozidriv (PZ2)** or Phillips drive system to flush completely flat against the surface. [[1](#), [2](#), [3](#), [4](#), [5](#)]
  - **Metric Machine Screws (M5 x 75mm):**
    - **Design:** Feature a uniform, non-pointed thread body engineered to align precisely with pre-tapped metric holes or nuts.
    - **Head Style:** Typically manufactured as cylindrical socket head cap screws (requiring an Allen hex key) or broad pan cross heads. [[1](#), [2](#), [3](#), [4](#)]
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