

You said: sds 10*25

In the hardware industry, **SDS 10x25** almost always refers to a **Self-Drilling Screw** measuring **10-gauge in diameter by 25 mm in length**. It can occasionally refer to an SDS-Plus masonry hammer drill bit variant, though bits are typically denoted by distinct width, flute, and overall lengths (e.g., 10 x 250 x 310 mm). [[1](#), [2](#), [3](#), [4](#), [5](#)]

Technical Specifications

- **SDS Meaning:** Self-Drilling Screw. It features a built-in tip that functions like a drill bit to pierce metal or wood without needing a pre-drilled pilot hole.
- **Size 10:** Represents a 10G (Gauge) outer thread diameter, which is approximately **4.8 mm to 5.0 mm**.
- **Size 25:** Represents the total length of the screw, which is **25 mm** (roughly 1 inch). [[1](#), [2](#)]

Common Variations & Applications

Depending on your project, these fasteners come in different head styles and finishes:

- **Hex Head SDS:** The most common type used for heavy-duty metal frameworks, industrial PEB building construction, factory sheds, and roofing installations. They often include an EPDM rubber bonded washer to ensure a waterproof seal. [[1](#), [2](#), [3](#), [4](#)]
- **CSK (Countersunk) / Philips Head:** Used when you need a flush, flat finish against the material surface, commonly found in window frame assembly or thin sheet fabrication. [[1](#)]
- **Finishes:** Available in standard Zinc Plating, Golden Dichromate (GD) for higher corrosion resistance, or pure Stainless Steel (SS 410 or SS 304) for harsh outdoor elements. [[1](#), [2](#), [3](#), [4](#), [5](#)]