

PRODUCT INFORMATION SHEET

SDA

Self-Drilling Anchors

The **Self-Drilling Anchors (SDA)** offered by Kapsons are cutting-edge solutions designed for demanding geotechnical applications where precision, strength, and efficiency are paramount. These anchors integrate drilling and grouting into a single operation, providing a cost-effective and time-saving alternative to conventional anchoring systems.

Key Features

- **Integrated Drilling and Anchoring:** The SDA system combines drilling and anchoring in one seamless process, allowing for faster installation and reducing labor costs.
- **High Load Capacity:** Engineered to withstand substantial tensile and shear forces, ensuring stability and safety in challenging soil conditions.
- **Corrosion Resistant:** The anchors are manufactured from high-grade steel with corrosion-resistant coatings, ensuring long-term durability even in aggressive environments.
- **Versatile Applications:** Suitable for a wide range of geotechnical applications, including slope stabilization, foundation support, tunnel construction, and excavation reinforcement.
- **Adaptable Design:** Available in various sizes and configurations to suit different soil types and project requirements.

Applications

- **Slope Stabilization:** Provides secure anchoring to prevent landslides and soil erosion on steep slopes.
- **Foundation Support:** Reinforces structures by providing deep, stable support in various soil conditions.
- **Excavation Reinforcement:** Offers reliable support during excavation, ensuring the safety of adjacent structures.
- **Tunnel Construction:** Stabilizes tunnel walls and portals, reducing the risk of collapse during construction.

Self Drilling Anchor		R38N
Properties	Unit	
Outer Diameter	mm	32
Minimum Yield Load	kN	230
Minimum Ultimate Load	kN	280
Minimum Elongation	%	6
Thread Type		ISO 10208
Type of Steel		EN 10083-1

