



DESCRIPTION

Split sets are slotted steel tubes, with one end swaged into a point for easy hole insertion, and the other end has a steel ring welded to hold a surface support plate in place.

Using a split set driver* mounted on the jumbo's drifter, the split set is inserted into a borehole with diameter slightly smaller than the bolt which compresses the bolt and slightly closes the slot. This compression results in the split set exerting a radial frictional resistance against the rock surface along the entirety of the bolt, providing instantaneous strata support. These bolt types are typically installed as temporary support in tunneling, mining, and civil engineering applications but are available with corrosion protection options to extend their useful life.

Split sets offer rapid installation and immediate support, making them ideal for time-sensitive applications. They are also environmentally friendly, requiring no chemicals to install.

**Normet Asia Pacific supplied Combination Driver Tool is available for installation of split sets.*

TYPICAL APPLICATIONS

Split sets are typically installed in tunnelling, mining, and civil engineering applications where temporary and immediate rock reinforcement is needed.

- › Rib and Roof Support
- › Face Stabilization
- › Slope Stabilization
- › Retaining Wall Support

FEATURES

- › Quick and easy installation
- › The radial compression of the slotted steel tube inside a borehole provides both radial and axial restraint to rock movement.
- › Can be post grouted for extra support capacity and corrosion protection.
- › Extensive quality control processes including testing and traceability throughout the manufacturing process.
- › Available in plain steel or hot dipped galvanized.
- › A range of installation tools and testing accessories available.

TECHNICAL DATA

Technical Data		33 mm Split Set	39 mm Split Set	47 mm Split Set
Yielding Strength	Minimum	80 kN 415 MPa	90 kN 415 MPa	120 kN 345 MPa
	Typical	100 kN 510 MPa	115 kN 510 MPa	160 kN 460 MPa
Ultimate Tensile Strength	Minimum	100 kN 510 MPa	115 kN 510 MPa	165 kN 445 MPa
	Typical	120 kN 610 MPa	135 kN 610 MPa	180 kN 510 MPa
Cross Sectional Area		204 mm ²	225 mm ²	355 mm ²
Mass / Meter		1.53 kg/m	1.77 kg/m	2.79 kg/m
Recommended Hole Size		28 – 31 mm	35 – 38 mm	43.5 – 45 mm

Length	Colour
1800 mm	Red
2100 mm	Green
2400 mm	Grey
3000 mm	Yellow