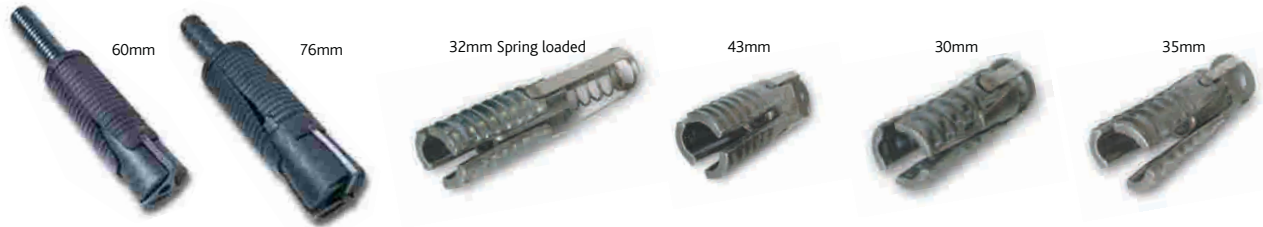


EXPANSION SHELLS

HIGH STRENGTH BAR FOR GEOTECHNICAL APPLICATIONS



FEATURES

The unique 3-leaf expansion unit has exclusive features that ensure positive anchorage under the most arduous conditions.

The expansion unit, which is available as a 'bail type' unit, is a 3-leaved mechanical anchor which conforms to the hole diameter. This feature ensures a more even load distribution between the anchor and the rock at the anchor point.

The serrations on the shell are rounded off. This is done to reduce point loading at the contact point between the shell and the surface of the borehole. This reduces crushing of the rock and broaching of the hole, thus taking maximum advantage of the strength of the undisturbed rock at the anchor point.

SPECIFICATIONS

Description	Min. hole size	Max. hole size
32mm	33.0mm	35mm
35mm	36.0mm	38mm
38mm	39.0mm	45mm
40mm	41.0mm	47mm
43mm	44.0mm	50mm
60mm	61.0mm	68mm
76mm	77.0mm	84mm
89mm	90.0mm	99mm



DURASET

THE **AVENG** GROUP