

SSAB

Expandable Rock Bolts with Fully Wide Gap



SSAB Expandable Rock Bolts, ERB, are used as rock support in mining and tunneling applications. SSAB ERB provides high level of safety and productivity in your operations. The bolts can be used in various ground conditions and are produced in two different types, ERB and ERB+. Now both types are also offered with Fully Wide Gap to save you time and money when preparing the bolts for corrosion protective coating.

TECHNICAL DATA ERB/ERB+ WITH FULLY WIDE GAP

	ERB			ERB+		
	120	160	240	120+	160+	240+
Typical breaking load (kN) (expanded profile)	130	170	250	120	160	240
Minimum breaking load, (kN) (expanded profile)	120	160	240	120	160	230
Minimum yield load (kN) (expanded profile)	100	130	200	90	120	170
Typical elongation, A (%) (expanded profile)	15	15	15	30	30	30
Minimum elongation, A (%) (expanded profile)	10	10	10	20	20	20
Profile diameter (mm)	27,5	36	36	27,5	36	36
Material thickness (mm)	2	2	3	2	2	3
Original tube, diameter (mm)	41	54	54	41	54	54
Upper bushing, diameter (mm)	28	38	38	28	38	38
Bushing head diameter (mm)	30/37	41/48	41/48	30/37	41/48	41/48
Recommended hole diameter (mm)	32-39	43-52	43-52	32-39	43-52	43-52
Optimal hole diameter (mm)	35-38	45-51	45-51	35-38	45-51	45-51
Recommended inflation pressure (bar)	300	240	300	300	240	300

FOR MORE INFORMATION CONTACT YOUR LOCAL DISTRIBUTOR

