

FRICION-LOK® Stabilizer System



The JENNMAR® FRICION-LOK® Stabilizer System is a strata control system designed to firmly control hard or soft rock. As lateral ground movement increases, the system increases its superior holding power.

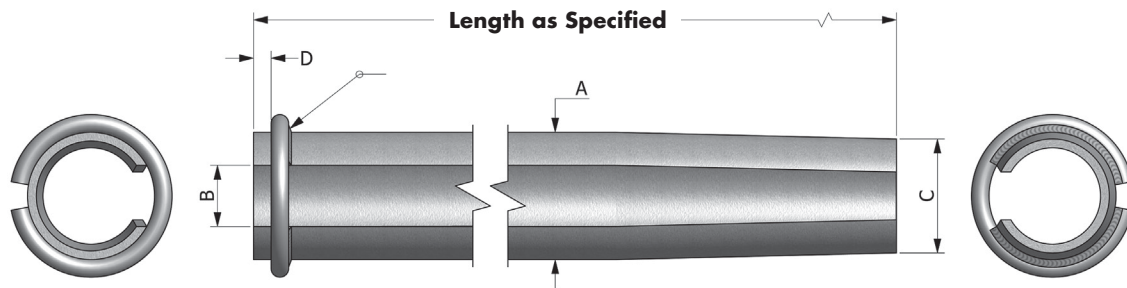
Advantages

- The radial compression of the slotted steel tube inside the borehole provides both radial and axial restraint to rock movement
- Requires no resin mixing or torquing
- Maintains consistent plate load
- Quick and easy installation
- Manufactured by JENNMAR and stocked at company's various strategically located warehouses to provide prompt availability.

Selection

The JENNMAR FRICION-LOK Stabilizer System is available in Bright or Galvanized steel in the following sizes:

- 1.3" (33 mm)
- 1.4" (35 mm)
- 1.5" (39 mm)
- 1.8" (46 mm)



FRICION-LOK Stabilizer System

	FL-33	FL-35	FL-39	FL-46
Recommended Nominal Bit Size, in. (mm)	1-3/16 to 1-5/16 (30 to 33)	1-1/4 to 1-3/8 (32 to 35)	1-3/8 to 1-1/2 (35 to 38)	1-5/8 to 1-3/4 (41 to 44)
Typical Breaking Capacity, Ton (metric ton)	12 (10.88)	12 (10.88)	14 (12.70)	20 (18.14)
Minimum Breaking Capacity, Ton (metric ton)	8 (7.26)	8 (7.26)	10 (9.07)	15 (13.61)
Nominal Tube Lengths, ft. (m) (available to any specified length)	1.5 to 10 (0.5 to 3.1)	1.5 to 10 (0.5 to 3.1)	1.5 to 10 (0.5 to 3.1)	5 to 16 (1.5 to 4.9)
Recommended Initial Anchorage, Ton (metric ton)	3 to 6 (2.72 to 5.44)	3 to 6 (2.72 to 5.44)	3 to 6 (2.72 to 5.44)	6 to 10 (5.44 to 9.07)

Dimensions

	FL-33	FL-35	FL-39	FL-46
Tube Diameter (A), in. (mm) ±0.030 in.	1.330 (33)	1.400 (35)	1.530 (39)	1.815 (46)
Slot Width (B), in. (mm)	0.440 to 0.640 (11 to 16)	0.600 to 0.750 (15 to 19)	0.560 to 0.760 (14 to 19)	0.820 to 0.920 (21 to 23)
Taper End Diameter (C), max., in. (mm)	1.180 (30)	1.180 (30)	1.180 (30)	1.620 (41)
Ring Standoff (D), in. (mm)	0.085 ±0.035 (2 ±1)			

All dimensions in accordance with ASTM A615.