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File No.: INS-SRK-001 Date: 13 Aug 2020  
Supersedes: New Date: New

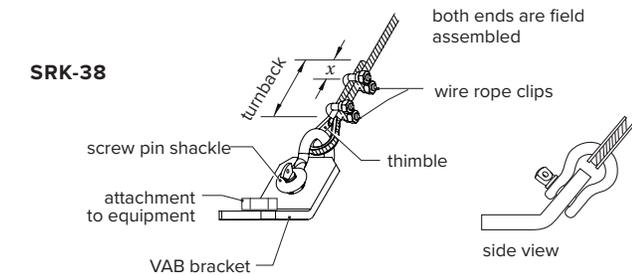
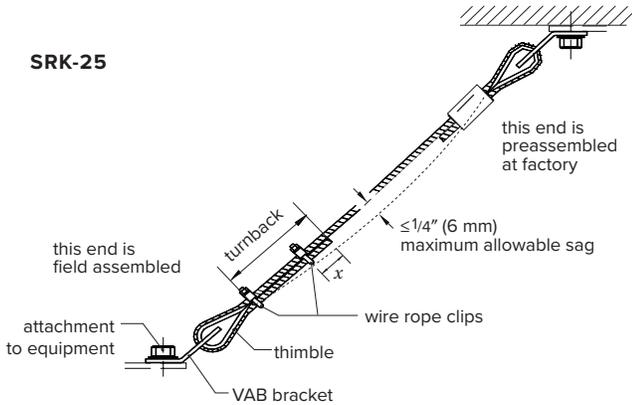
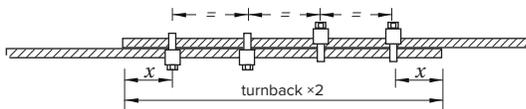


Table 1.0

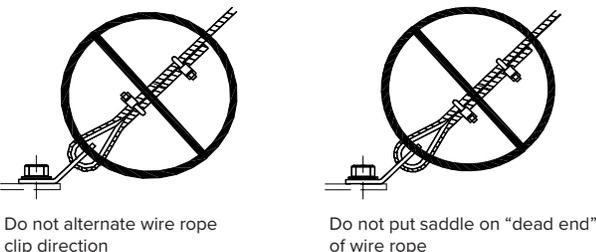
Model	Minimum Turnback in (mm)	Torque ft.lb (Nm)	Minimum $x$ in (mm)
SRK-25	5 (127)	15 (20)	1 1/4 (32)
SRK-38	6 1/2 (165)	45 (61)	1 1/2 (38)

Fig. 1.  
Field Connection for Splicing or Extending Wire Rope Length



- Slide four clips onto overlapping cables.
- Tighten clips according to instructions.
- Cables must be equal size.

Fig. 2.

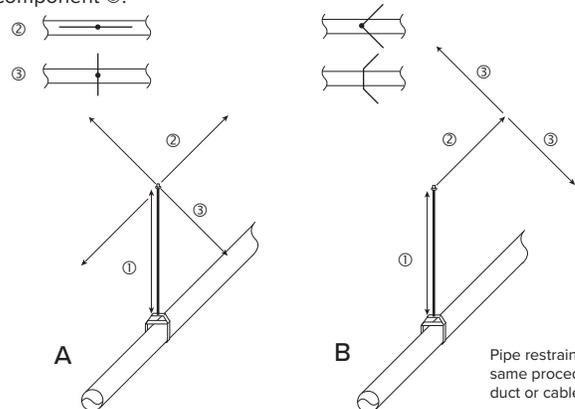


## INSTRUCTIONS

- Locate restraint position and direction as shown in seismic restraint submittal package.
- Locate the positions on the structure for attaching the seismic restraint kit. These connection positions shall be as close as possible to  $45^\circ (\pm 10^\circ)$  from the restrained component connection.

A) For transverse or longitudinal-only restraints (shown as a straight line on floor plan markups): This point can be estimated easily by measuring the vertical distance from the structure to the restraint attachment point on the component ①, then measuring that distance along the structure either inline with the component ② (for longitudinal restraints) or perpendicular to the component ③ (for transverse restraints).

B) For compound  $45^\circ$  angle restraints (shown as a "V" on floor plan markups): This point can be estimated easily by measuring the vertical distance from the structure to the restraint attachment point on the component ①, then measuring that distance along the structure inline with the component ②, then the same distance perpendicular to the component ③.



- Note that most standard SRK cable lengths are 10'. If longer cables are required, use either bulk cable with field-assembled ends or splice the cables as shown in Fig. 1.
- Attach the preassembled ends (or field assembled ends for SRK-38) to these locations using the attachment method indicated in the submittal package (e.g., seismically rated concrete anchor bolts).
- Attach brackets to restrained component as indicated in the seismic restraint submittal package.
- Insert thimbles through the free holes in the brackets, or for SRK-38, place thimbles on screw pin shackles and attach shackles to brackets as shown above.
- Place two clips onto cable. Do not tighten.
- Insert cable around thimble through hole in bracket or through shackle (SRK-38).
- Pass cable back through clips and pull the cable hand tight. Back out  $1/8''$  (3 mm) slack (do not support dead weight), but ensure that when finished, cable will not sag more than  $1/4''$ . Use a spring clamp or some other method to temporarily hold wire rope in position. Locate clips as shown, with one clip against the loop. Refer to table below for spacing guidelines.
- Tighten the clips according to the torque values listed in Table 1.0.
- Check that cable sag does not exceed  $1/4''$ . Adjust restraint point as necessary (e.g., slide pipe clamp farther away to reduce sag).
- Complete any further work at restraint location as indicated in seismic submittal package (e.g., screw strut supports to ductwork).