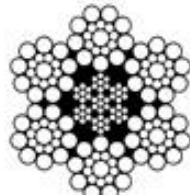


6 x 7 Classification



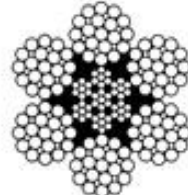
6 x 19 Classification



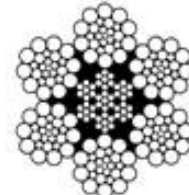
6 x 19 Seale
IWRC



6 x 21 Filler Wire
FC

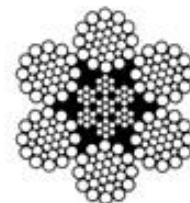


6 x 25 Filler Wire
IWRC

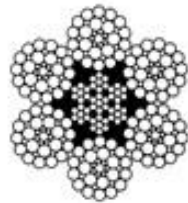


6 x 26 Warrington Seale
IWRC

6 x 36 Classification



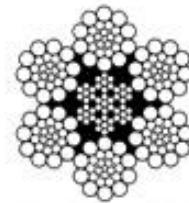
6 x 31 Warrington Seale
IWRC



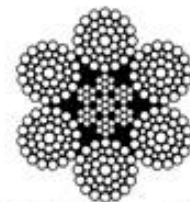
6 x 36 Seale Filler Wire
IWRC



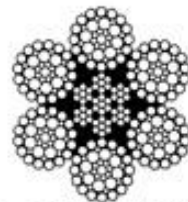
6 x 36 Warrington Seale
FC



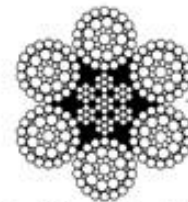
6 x 31 Filler Wire Seale
IWRC



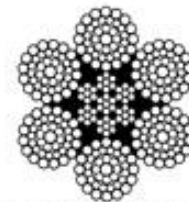
6 x 41 Warrington Seale
IWRC



6 x 41 Seale Filler Wire
IWRC

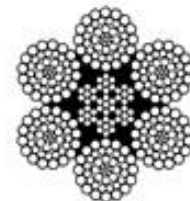


6 x 46 Seale Filler Wire
IWRC

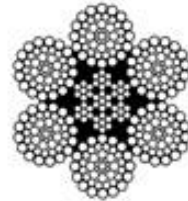


6 x 49 Filler Wire Seale
IWRC

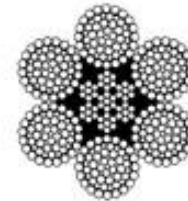
6 x 61 Classification



6 x 55 (2 Operation)
Filler Wire Seale
IWRC



6 x 57
Seale Filler Wire Seale
IWRC



6 x 61
Filler Wire Warrington Seale
IWRC

ROTATION RESISTANT ROPES

Rotation Resistant ropes are designed to resist the tendency to spin or rotate under load. These ropes are used either as single part lines or in situations where operating conditions require a rope that will resist block rotation in a multipart system. The essential nature of rotation resistant rope designs impose certain limitations on their application and necessitate special handling requirements not encountered with other rope constructions.

There are three categories of Rotation Resistant ropes. They are defined as follows:

Category 1. Stranded rope constructed in such a manner that it displays little or no tendency to rotate, or if guided, transmits little or no torque, has at least fifteen outer strands and comprises an assembly of at least three layers of strands laid helically over a center in two operations, the direction of lay of the outer strands being opposite to that of the underlying layer.

Category 2. Stranded rope constructed in such a manner that it has significant resistance to rotation, has at least ten outer strands, and comprises an assembly of two or more layers of strands laid helically over a center in two or three operations, the direction of lay of the outer strands being opposite to that of the underlying layer.

Category 3. Stranded rope constructed in such a manner that it has limited resistance to rotation, has no more than nine outer strands, and comprises an assembly of two layers of strands laid helically over a center in two operations, the direction of lay of the outer strands being opposite to that of the underlying layer.

ISO 21669 specifies a method for determining the rotational properties of wire rope and guidance for use with a swivel based on this value.

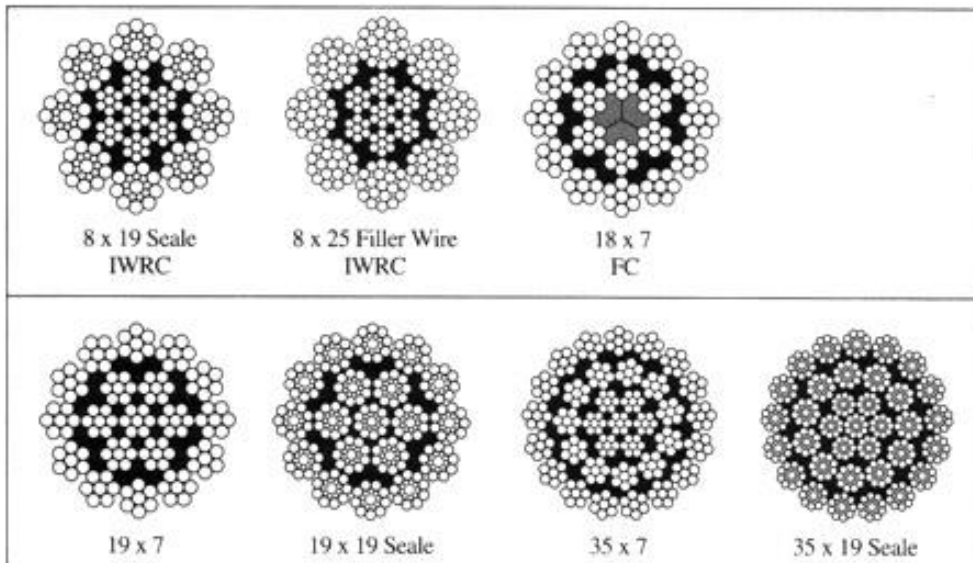


Figure 9. Cross sections of rotation resistant rope constructions.

Ropes having three or four strands can also be designed to have rotation resistant properties.