

Product Overview

Rope Sockets are designed to securely connect the wireline or slickline to the downhole tool string, providing a reliable mechanical connection for intervention operations. Multiple designs are available to suit different line types and operational requirements.

Product Range

Wedge Type Rope Socket

Overview

- Uses a precision brass wedge to grip the wireline.
- Robust and proven design for standard wireline operations.
- Easy assembly and maintenance.

Applications

- Standard slickline operations
- Braided wireline applications

Spool Type Rope Socket

Overview

- Also known as Disc & Spring Type.
- Line is wrapped around a grooved spool/disc.
- Designed for secure load distribution.

Applications

- Slickline operations
- Standard intervention work

Slip Type Rope Socket

Overview

- Specifically designed for smaller braided lines.
- Slip mechanism grips the wire securely.
- Engineered so the line breaks at a controlled percentage of tensile strength.

Applications

- Braided wireline
- Controlled load applications

Clamp Type Rope Socket

Overview

- Uses mechanical clamps to secure the wire.
- Simple construction with quick assembly.
- Ideal for larger wire sizes.

Applications

- Heavy-duty wireline
- Larger diameter cable applications



**WEDGE
TYPE**



**SPOOL
TYPE**



**SLIP
TYPE**



**CLAMP
TYPE**

Technical Data

Size (in)	Max. O.D. (in)	F/N O.D. (in)	Bottom Connection	Wire Size (in)	Type
1	1.000	0.875	5/8-11 UNC	0.066-0.092	SPOOL
1-1/4	1.250	1.187	15/16-10 UN	0.066-0.092	SPOOL
1-1/2	1.500	1.375	15/16-10 UN	0.066-0.092	SPOOL
2-1/2	2.500	2.312	1-9/16-10 UN	0.092	SPOOL
1-7/8	1.750	1.875	1-1/16-10 UN	0.066-0.092	SPOOL
2-1/8	2.125	1.750	1-1/16-10 UN	0.092	SPOOL
1-1/8	1.125	0.875	5/8-11 UNC	0.066-0.092	WEDGE
1-1/2	1.500	1.375	15/16-10 UN	0.092 / 0.108	WEDGE
1-1/2	1.500	1.375	1-1/16-10 UN	0.092 / 0.125	WEDGE
1-7/8	1.875	1.750	15/16-10 UN	0.092 / 0.125	WEDGE
1-7/8	1.875	1.750	1-1/16-10 UN	0.092 / 0.125	WEDGE
2-1/8	2.125	1.750	1-1/16-10 UN	0.092 / 0.125	WEDGE
2-1/2	2.500	2.312	1-9/16-10 UN	0.092 / 0.125	WEDGE
1-1/4	1.250	1.187	15/16-10 UN	0.125	CLAMP
1-1/2	1.500	1.375	15/16-10 UN	0.125 / 0.187	CLAMP
1-7/8	1.875	1.750	1-1/16-10 UN	0.187	CLAMP
2-1/2	2.500	2.312	1-9/16-10 UN	0.250	CLAMP
1-1/2	1.500	1.375	15/16-10 UN	0.187	SLIP
1-7/8	1.875	1.750	1-1/16-10 UN	0.187	SLIP
2-1/8	2.125	1.750	1-1/16-10 UN	0.312	SLIP
2-1/2	2.500	2.312	1-9/16-10 UN	0.312	SLIP