

THREAD SIZE VS. ROPE DIAMETER: GENERAL THREADING GUIDELINES.

Which thread sizes are compatible with individual rope diameters? These charts offer a general guideline. We recommend use of heavy hex and jam nuts to ensure sufficient thread engagement lengths. This would require minimum thread lengths to be approximately 1 1/2 to 2 times the nominal thread diameter.

The comparisons in these charts are based on a design factor of 5 using XIP IWRC wire rope minimum breaking force for 6 x 19 and 6 x 36 classification ropes, aircraft cables and carbon steel fittings. For additional rope specifications and options, see pages 16-17.

PLEASE NOTE: All dimensions shown in this catalog are typical. For exact dimensions, contact **Fabricated Products Customer Service** at **816-236-5097**.

If you want to use any other combination of rope strength and fitting materials, alternate thread sizes or rope constructions, please check with us first.

FITTING MATERIALS.

You can decide how much corrosion resistance you want in your TUF-GRIP assemblies by choosing the material content of the wire rope or fittings. Your choices include:

- Carbon steel
- Galvanized
- Stainless steel
- Plated fittings such as cadmium

We can supply the materials you need to customize your order. Just indicate your choice on the **Request for Quotation** form on page 19.

UNC Threads

Nominal rope diameter	Nominal thread diameter	Thread/in coarse (UNC)
1/4	1/2	13
5/16	9/16	12
5/16	5/8	11
3/8	3/4	10
7/16	7/8	9
1/2	7/8	9
9/16	1	8
5/8	1-1/8	7
5/8	1-1/4	7
3/4	1-3/8	6
7/8	1-1/2	6
1	1-3/4	5
1-1/8	2	4 1/2

All dimensions are in inches.

UNF Threads

Nominal rope diameter	Nominal thread diameter	Thread/in coarse (UNF)
1/4	7/16	20
1/4	1/2	20
5/16	9/16	18
3/8	5/8	18
7/16	3/4	16
1/2	7/8	14
9/16	1	12
5/8	1-1/8	12
3/4	1-1/4	12
3/4	1-3/8	12
7/8	1-1/2	12

All dimensions are in inches.

UNC Threads

Nominal rope diameter	Nominal thread diameter	Thread/in coarse (UNC)
1/8	1/4	20
5/32	5/16	18
3/16	3/8	16
7/32	3/8	16
1/4	7/16	14
9/32	1/2	13
5/16	9/16	12
11/32	5/8	11
3/8	5/8	11

All dimensions are in inches.

UNF Threads

Nominal rope diameter	Nominal thread diameter	Thread/in coarse (UNF)
1/8	1/4	28
5/32	5/16	24
3/16	3/8	24
7/32	3/8	24
1/4	7/16	20
9/32	1/2	20
5/16	1/2	20
11/32	9/16	18
3/8	5/8	18

All dimensions are in inches.

