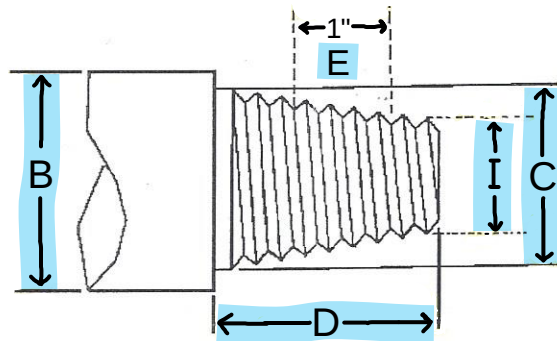


HOW TO DETERMINE YOUR THREAD

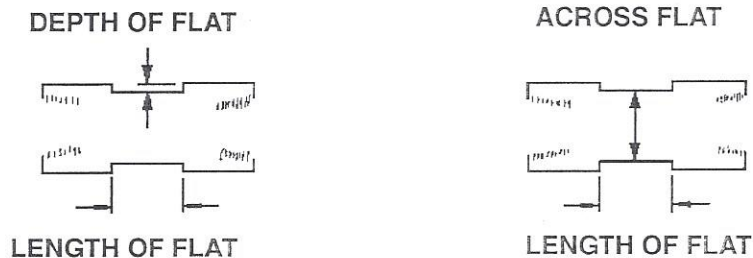
SINCE THERE ARE SO MANY DIFFERENT THREADS IN THE WATER WELL INDUSTRY AND MANY OF THEM ARE VERY SIMILAR IN SIZE, IT IS VERY DIFFICULT TO KNOW WHICH THREAD IS ON YOUR RIG.

THE FOLLOWING DIAGRAMS WILL HELP YOU DETERMINE YOUR THREAD. MATCH THESE DIMENSIONS WITH THE THREAD IDENTIFICATION CHART ON THE BACK SIDE OF THIS PAGE OR CALL *SUB ADAPTOR, INC.* AND WE WILL HELP YOU DETERMINE THE PROPER THREAD YOU NEED.

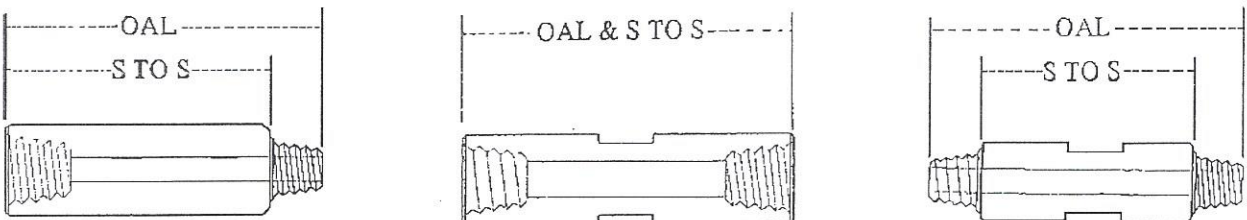
- D) The length of the pin
- C) The major thread diameter
- I) The small diameter of the pin
- B) The Tool Joint OD
- E) The threads per inch.
Put the "0" and "1" in the valley of the threads on your ruler and count the threads between the valleys.



HOW TO DETERMINE THE PROPER FLAT SIZE



HOW TO DETERMINE THE PROPER LENGTH



SUB ADAPTOR, INC.



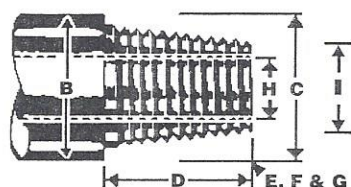
1-800-637-6560

THREAD IDENTIFICATION CHART

SUB ADAPTORS AVAILABLE WITH ANY COMBINATION OF THREADS.

A — Nominal Pipe Size
B — Outside Diameter of Tool Joint
C — Major Thread Diameter or Diameter at Shoulder
D — Length of Pin

E — Threads per Inch
F — Taper per Foot
G — Threaded Form
H — Tool Joint Bore
I — Small Diameter of Pin



Name	A	B	C	D	E	F	G	H	I
TOOL JOINTS:									
2-3/8" API Regular	2-3/8"	3-1/8"	2-5/8"	3"	5"	3"	60° API	1"	1.875"
2-7/8" API Regular	2-7/8"	3-3/4"	3"	3-1/2"	5"	3"	60° API	1-1/4"	2.125"
3-1/2" API Regular	3-1/2"	4-1/4"	3-1/2"	3-3/4"	5"	3"	60° API	1-1/2"	2.562"
4-1/2" API Regular	4-1/2"	5-1/2"	4-5/8"	4-1/4"	5"	3"	60° API	2-1/4"	3.562"
6-5/8" API Regular	5-1/2"	7-3/4"	6"	5"	4"	2"	60° API	3-1/2"	5.159"
2-3/8" API Internal Flush (IF)	2-3/8"	3-3/8"	2-7/8"	3"	4"	2"	60° API	1-3/4"	2.376"
2-7/8" API Internal Flush (IF)	2-7/8"	4-1/8"	3-25/64"	3-1/2"	4"	2"	60° API	2-1/8"	2.808"
3-1/2" API Internal Flush (IF)	3-1/2"	4-3/4"	4-1/64"	4"	4"	2"	60° API	2-11/16"	3.349"
2-3/8" Mayhew Junior	2-3/8"	2-3/4"	2-21/64"	2-1/4"	4"	2"	60° Mod. API	1-1/2"	1.947"
2-3/8" Mayhew Regular	2-3/8"	3-1/4"	2-35/64"	3"	4"	1-1/2"	60° Mod. API	1-5/8"	2.175"
2-7/8" Mayhew Full Hole	2-7/8"	3-3/4"	3-3/64"	3-3/8"	4"	1-1/2"	60° Mod. API	2"	2.628"
2-3/8" Failing Exploration	2-3/8"	3-1/8"	2-1/2"	2-3/4"	4"	2"	60° Mod. API	1-1/2"	2.025"
2-7/8" Failing Exploration	2-7/8"	3-3/4"	3-1/8"	3-1/4"	4"	2"	60° Mod. API	1-7/8"	2.558"

SUB ADAPTOR, INC.

1-800-637-6560