

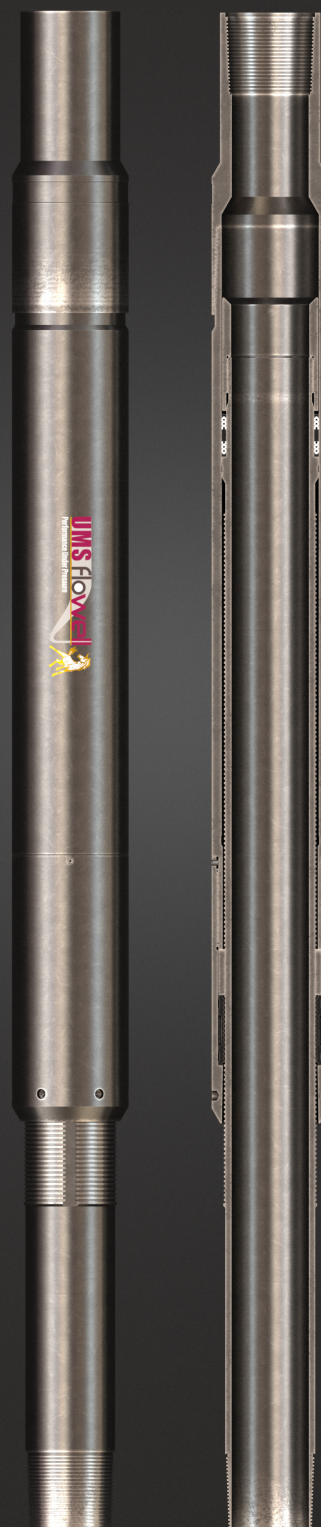
Tubing Adjustable Union

(TAU)

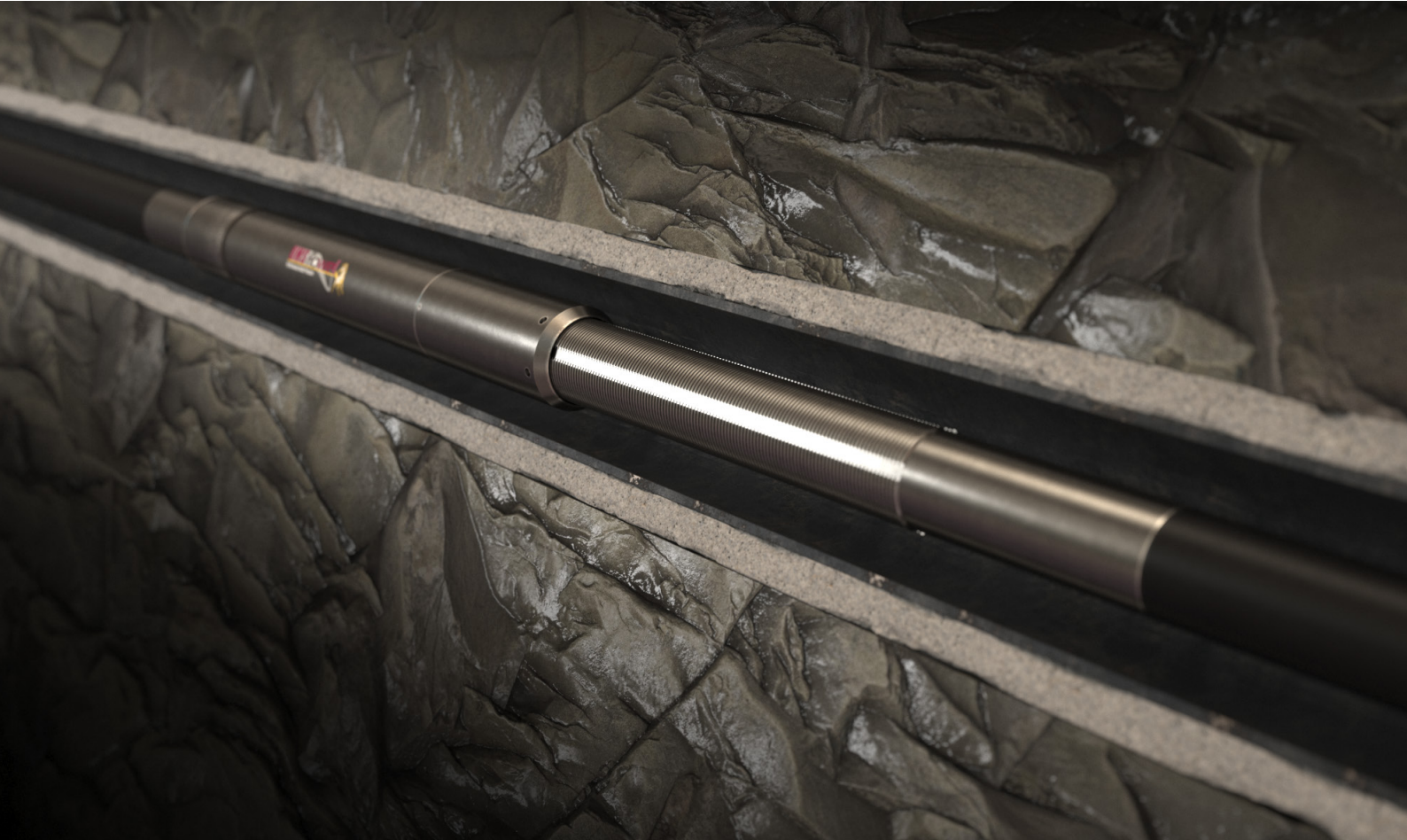
UMS Flowell Tubing Adjustable Union (TAU) is a quick and easy way to orientate and space out your completion. The TAU is typically used to assist with the space out of ESP power cables at the ESP packer or tubing hanger, and also to space out the short string in dual packers for dual completions.

Other applications include; orientation and adjustment between upper and lower y-tools in dual ESP completions, ESP motor lead extension (MLE) space out and ESP orientation inside ESP capsules or pods.

The TAU can be adjusted telescopically, rotated to both the left and right in 6 degree increments, then locked. A choice of different stroke lengths allows the customer to select the one that suits their application best. A selection of metallurgy and elastomers allows the customer to select the materials that best suits their well environment.



Tubing Adjustable Union (TAU)



Features & Benefits

- Available in 1.9" to 7" tubing sizes
- Other sizes and threads available on request
- Quick to adjust
- Clutch design allows quick and easy orientation in 6° increments
- Locked to right and left-hand rotation
- 6", 12" & 24" standard telescopic length. Other stroke lengths available

Specifications

- Low alloy or 13Cr metallurgy
- Viton, Aflas, or HNBR elastomers or non-elastomeric stacks available for high temperature applications
- 6500psi MWP limited by elastomers
- Matched tubing tensile and compression ratings



Tubing Adjustable Union (TAU)

Part Number	Tubing size (in)	Top connection	Bottom connection	Overall Length Closed (in)	Stroke (in)	OD (in)	Nominal ID (in)
AU-2375-09	2-3/8	2-3/8" 4.6# VAM TOP BOX	2-3/8" 4.6# VAM TOP PIN	53.67	12	3.531	1.957
AU-2375-16	2-3/8	2-3/8" 4.6# VAM TOP BOX	2-3/8" 4.6# VAM TOP PIN	65.67	24	3.531	1.957
AU-2875-01	2-7/8	2-7/8" 6.4# VAM TOP BOX	2-7/8" 6.4# VAM TOP PIN	68.36	24	4.031	2.409
AU13-0031	3-1/2	3-1/2" 9.2# VAM TOP BOX	3-1/2" 9.2# VAM TOP PIN	36.5	8	5.00	2.959
AU13-0072	3-1/2	3.500" 9.2# VAM TOP BOX	3.500" 9.2# VAM TOP PIN	73.25	24	5.00	2.959
AU13-0076	3-1/2	3.500" 9.2# JFE BEAR 13CR CLEAR RUN BOX	3.500" 9.2# JFE BEAR PIN	73.05	24	5.00	2.953
AU18-0001	3-1/2 X 4-1/2	3-1/2" 9.2# TENARIS BLUE DOPELESS BOX	4-1/2" 12.6# TENARIS BLUE DOPELESS PIN	86.17	24	5.00	2.906
AU18-0019	4	4" 10.9# TENARIS BLUE DOPELESS BOX	4" 10.9# TENARIS BLUE DOPELESS PIN	71.4	22.5	5.36	3.390
AU13-0025	4-1/2	4.500" 13.5# VAM TOP BOX	4.500" 13.5# VAM TOP PIN	69.6	24	5.86	3.894
AU18-0003	4-1/2	4.500" 13.5# TENARIS BLUE BOX	4.500" 13.5# TENARIS BLUE PIN	71.2	22.5	5.86	3.867
AU13-0036	4-1/2	4.500" 12.6# VAM TOP BOX	4.500" 12.6# VAM TOP PIN	71.2	24	5.86	3.913
AU13-0051	5-1/2	5-1/2" 17# VAM TOP PIN	5-1/2" 17# VAM TOP PIN	42.0	6.00	7.85	4.65
AU13-0067	5-1/2	5-1/2" 23# VAM TOP PIN	5-1/2" 23# VAM TOP PIN	47.72	7	7.85	4.65
AU13-0081	7	7" 32# VAM TOP BOX	7" 32# VAM TOP PIN	104.52	24	8.206	5.675

