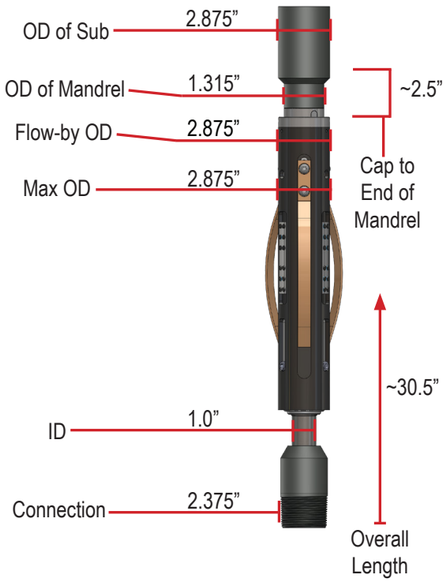
4” Tubing Anchor

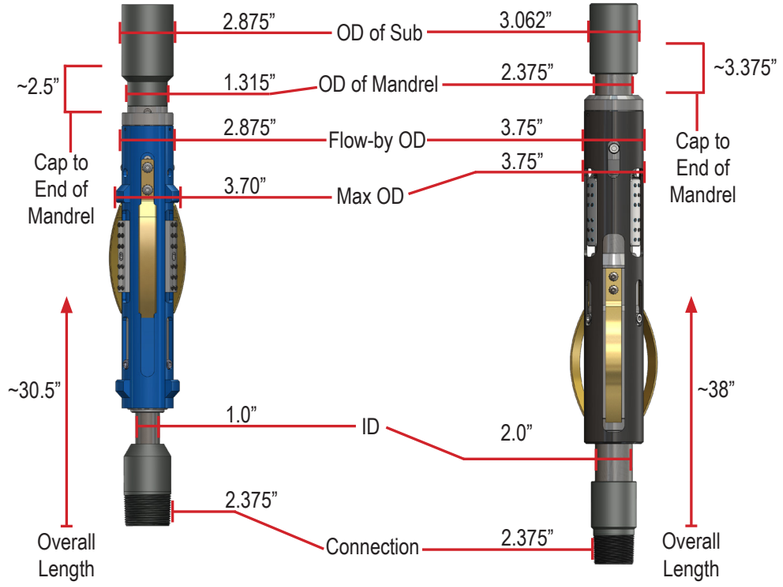
Standard B2



4.5” Tubing Anchors

Slimline®

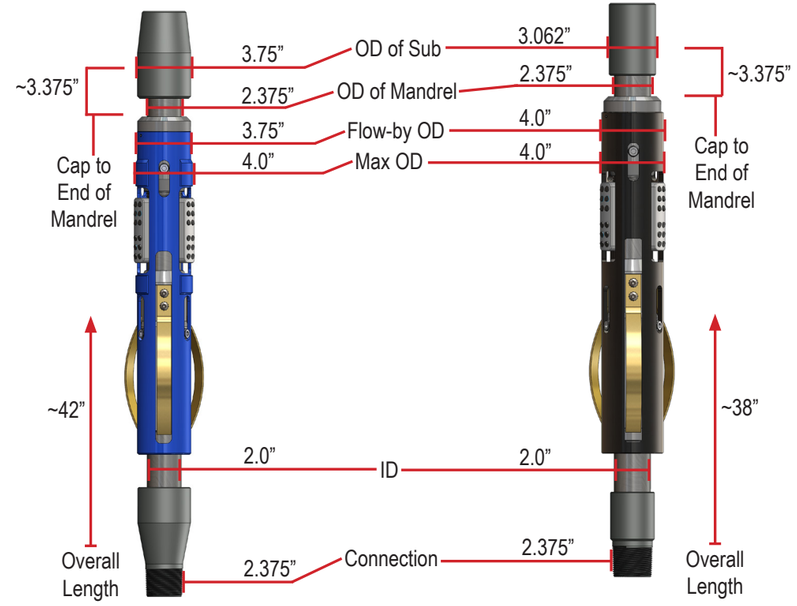
Standard B2



5” Tubing Anchors

Slimline®

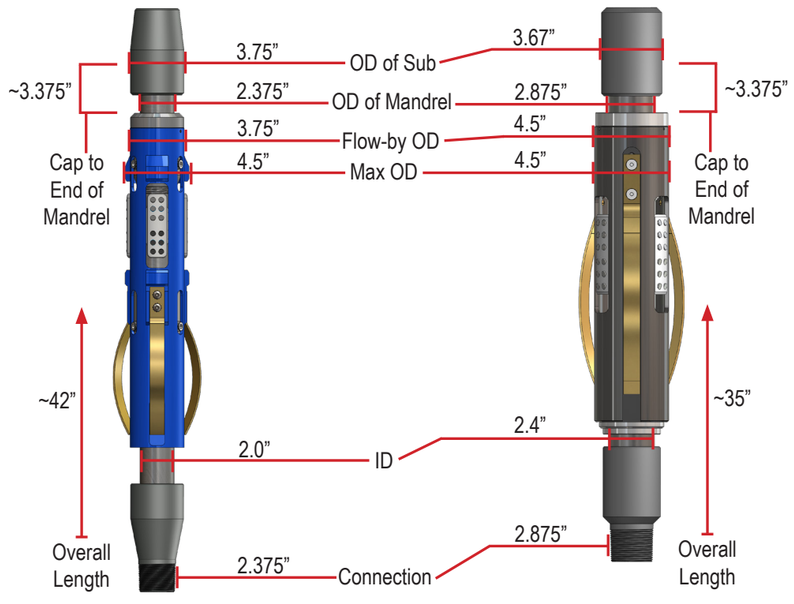
Standard B2



5.5” Tubing Anchors

Slimline®

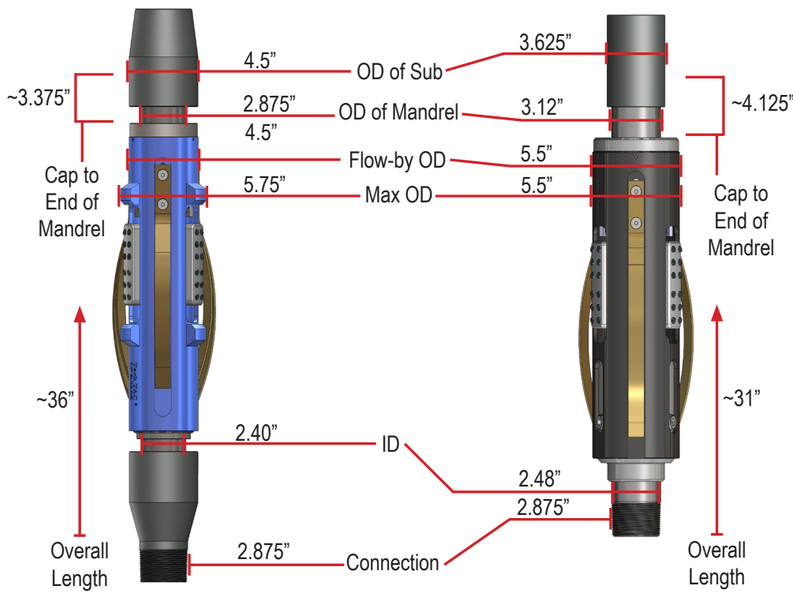
Standard B2



7” Tubing Anchors

Slimline®

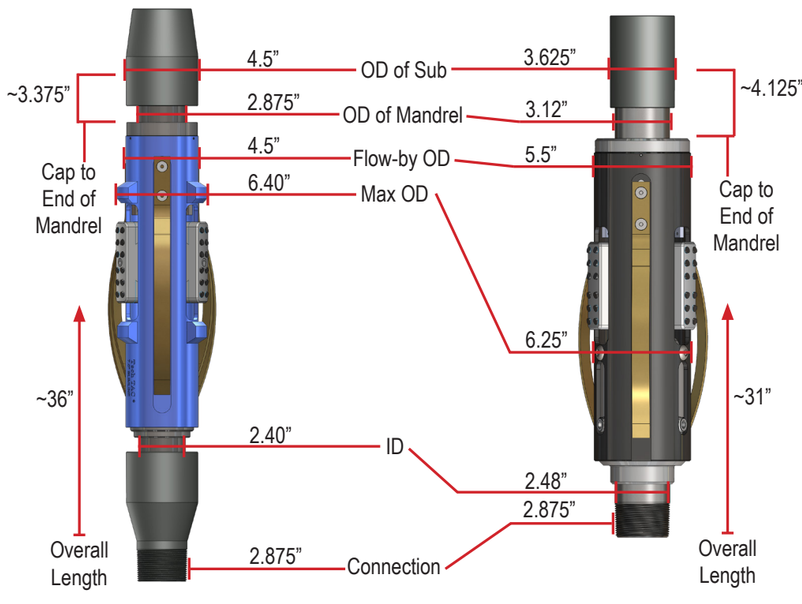
Standard B2



7 5/8” Tubing Anchors

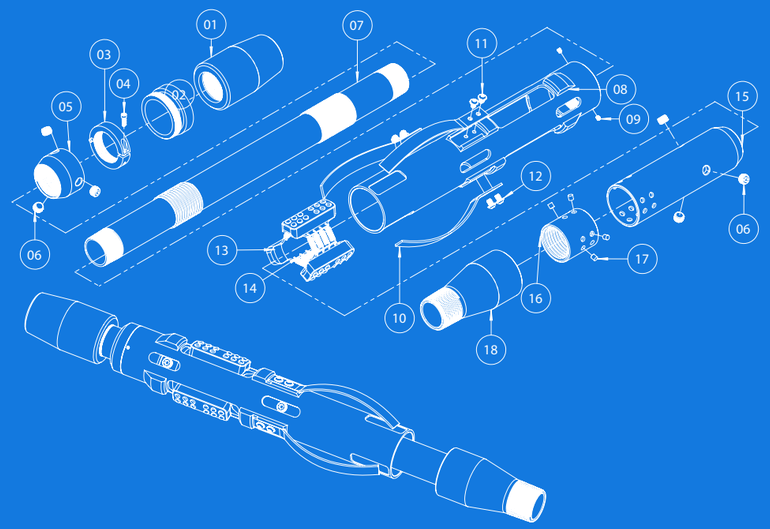
Slimline®

Standard B2



Slimline® TAC Parts

(for 5.5" model)



Item No.	Part number/description	Qty.
01	55STFD, Top Sub	1
02	55SCP, Cap	1
03	55SBN, Body Nut	1
04	55SBNS, Body Nut Screw	1
05	55SUC, Upper Cone	1
06	55SPP, Pipe Plug	6
07	55SBD, Body	1
08	55SHO, Housing	1
09	55SCS, Cap Screw	2
10	55SDS1, Drag Spring	3
11	55SDSS, Drag Spring Screw	6
12	55SDSW, Drag Spring Star Washer	6
13	55SSL-C, Carbide Slip	3
14	55SSSP, Slip Spring	12
15	55SLC, Lower Cone	1
16	55SLCS, Lower Cone Sleeve	1
17	55SPIN, Shear Pin (5,000 lbs./ea.)	10
18	55SBFD, Bottom Sub	1

Slimline® TAC Release Procedure

The anchor catcher should be released with the tubing in slight compression as the upper cone contacts the slips, so that the lower cone will be completely retracted when the slips lose their grip on the casing. This feature prevents dulling of the slips due to incomplete retraction of the lower cone during retrieving. If this is not possible, however, the tool can be released without compression or even with the tubing string in tension. Rotate the tubing to the right (left if TAC is right-hand set) 5-to-8 turns at the tool to retract the cones from the slips and allow the slips to move back into the housing. Occasionally, use a pipe wrench to turn the tubing to the right (left if TAC is right-hand set) while coming out to ensure slips are all the way backed off.

Emergency Release

If the tubing anchor catcher does not release in the above manner, an up-strain greater than the total shear strength of the shear pins plus the weight of the tubing will shear the pins and release the TAC.

Stretch Formula

Length = pull force in thousands of pounds x length in thousands feet x stretch constant* (expressed as inches of stretch per thousand pounds of pull per thousand feet of length).

Example: 20,000 lbs. of pull on 8000 ft. of 4.7# tubing with a 2.375 OD and a 1.995 ID.

20 x 8 x 0.30675 (stretch constant for 4.7# tubing with an OD of 2.375) = 49.08 in. of stretch

**Stretch constant for 6.5# 2.875 tubing is .22075*

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TechTAC®

Slimline Tubing Anchor Catchers

Downhole Fishing Guide

NOTE: The Slimline® TAC is uniquely designed – and patented – to be easy to cut over. The anchor fits inside a mill shoe, because only the slips and slip protectors need to be cut.