



For more information, visit us at
101 Reed Ave
Odessa, Tx 79761

or

Contact us at
greg@falcon-eng.co.nz
(903) 722 1347

Pineapple SRB



Pineapple SRB (Sucker Rod Bearing) has been developed to reduce contact between the sucker rod and the tubular it slides in.

The design allows fluid to pass between the contact points of the Pineapple and the tubing. This helps reduce FRICTION, HEAT and WEAR.

The contact points have been specifically designed to increase in surface area when subjected to higher side loading. This unique design enables the SRB to out perform other sucker rod guides by handling higher side loads.

Pineapple SRB is manufactured using the polymer, Polyketone. The first well using the Polyketone was run in June 2017. Since then we have continued to modify our Polyketone which has lead to longevity of wells. Our best example of this was a well that had a 5 year run time.



FALCON

ENGINEERING USA



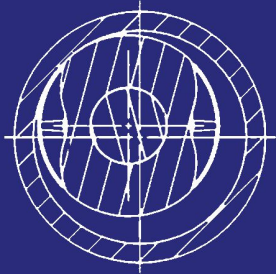
Falcon Engineering Ltd, New Zealand has now located and set up shop in Odessa Tx.

In doing this we can be closer to market and see first hand the issues in the artificial lift sector of the Permian.

As a privately owned company we can react quickly to design change and new ideas.

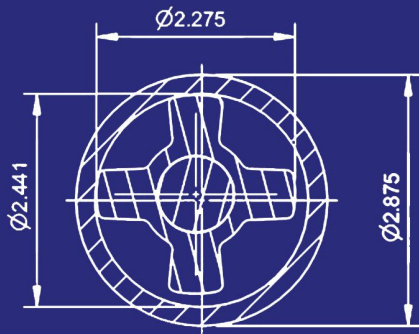
Pineapple SRB

SRB-PA has only one point of contact to the side of the tubing. This is similar to the contact of the coupling to the tubing.



Section B-B

A standard sucker rod guide has two points of contact to the side of the tubing. This is twice as much area of contact compared to of our SRB-PA. This also means that there is twice as much drag on the rod.



Section A-A

SRB Design

The term SRB (Sucker Rod Bearing) is how we describe our rod guide.

Our understanding of a guide is to guide a rod in the tube.

Our design is to act as a lineal bearing in a sliding motion up and down in the tube.

As illustrated to the left (Section B-B), the Pineapple SRB is a round design that only has one point of contact to the tubing.

Falcon Engineering USA can arrange Pineapple SRB's to be applied to any manufactures sucker rods. Both Steel and Fibreglass.



SRB Application



Pineapple SRB was developed in West Texas for the problematic high side load well conditions in the Permian.

It is able to be run on all sizes of sucker rods including fiberglass sucker rods.

It has had 5 year run time in a well. This can be seen in the photo above.