

SCALLOPED LANDING RING

Abstract

A landing ring having at least one scallop groove formed on an interior of the ring. The landing ring interfaces with a fluted mandrel casing hanger such that the scallop groove aligns between flutes of the hanger. This alignment of the scallop groove of the landing ring with the fluted mandrel casing hanger provides sufficient clearance to allow a stabbing in of a cement tube for cement injection during cement topping operations or debris clean out down hole.

Figure 1