

STABILIZERS

String Stabilizers

Replaceable sleeve type stabilizer ,string type ,the stabilizer must be manufactured Acc to API-7-1, one pieces mandrel is made from AISI 4140/4145 H modified alloy steel fully heat treated to brinell hardness rang of (285-341) ,spiral blades with granular tungsten carbide as follows:

stabilizers

item	Hole size	Drill collar size O.D	Conn.Pin down &box up	Qty
1	26"	10"	7 5/8 Reg	12
2	17 1/2"	10"	7 5/8 Reg	12
3	12 1/4"	9"	7 5/8 Reg	10
4	8 1/2"	6 1/2"	4 1/2 IF	10
5	5 7/8"	4 3/4"	3 1/2 IF	10

Quantities of Sleeves are as follow :

For item	Granular tungsten carbide hardfacing	Pressed in large diameter tungsten carbide compact (inserted Button)hardfacing
1	10	15
2	10	15
3	10	15
4	10	15
5	10	15

REMARKS:

- number of blades should be three (3) .
- fishing neck length (B dimension in the draw) (25-30 inch) for all stabilizers
- bottom neck length (D dimension in the draw) (25-30 inch) for all stabilizers
- Upset length not less than 7" (C dimension in the draw) to allow carry out rechase (repair) for the thread on which the sleeve made up, many times
- Blade length for 26"(hole size)should be 22-25 in (E dimension in the draw)
- Blade length for 17 1/2" (hole size) should be 18 – 22 in (E dimension in the draw)
- Blade length for 12 1/4" (hole size) should be 14 – 16 in (E dimension in the draw)
- Blade length for 8 1/2" (hole size) should be 12 – 14 in (E dimension in the draw)
- Blade length for 5 7/8" (hole size) should be 10 – 12 in (E dimension in the draw)
- Inside diameter should be 3" for items (1 – 2- 3)
- Inside diameter should be (2 13/ 16") for items (4)
- Inside diameter should be (2 1/ 4") for items (5)
- Each thread should be equipped with pressed steel thread prote ors.

- All conn. Shall be protected by copper or phosphate surface coating.
- Relevant catalogue should be enclosed with the offer illustrated the dimensions and hardfacing models and recommended make up torque for stabilizer , sleeves.
- all material shall be new and not renewed
- manufacturer and country of origin shall be mentioned in the offer
- certificate issued by a neutral international inspection company stating that the materials are conforming with specifications specified in T/B
- every stabilizer is completely , mandrel with sleeve , as well as the sleeves required in the sleeves schedules
- the material specifications of all sleeves are exactly as the material specifications of stabilizers (AISI 4140/4145 H modified alloy steel)
- Valid ISO & API- 7-1 certificate should be enclosed with the offer
- The sleeves are easily changed on the floor
- Granular tungsten carbide hardfacing : HF 2000
- Pressed in large diameter tungsten carbide compact (inserted Button hardfacing HF 4000

the following drawing illustrate the above mentioned dimensions

