Technical proposal

BKCH-R1 Iron float shoe

BKCH-R1 Iron float shoe are designed for equipping the bottom of casing strings consisting of pipes in accordance with GOST 632-80, GOST 633-80, as well as strings consisting of smooth insert joint casings in order to direct them along the wellbore and protect them from damage during descent while fastening the oil and gas wells at the face temperature of +160 °C.

Pic.1 BKCH-R1 Iron float shoe

Typesize	Parameter name					
	Nominal diameter	External diameter	Central opening diameter	Height	Weight, lbs (kg) max.	Compressive load kN (t), min
BKCH – 127R1	5"/ 127 mm	5 3/4"/ 146 mm	2 3/8"/ 60 mm	9 3/4"/ 235 mm	13.3 (6.86)	110 (11)
BKCH – 178R1	7"/ 178 mm	8"/ 198 mm	3 9/16"/ 90mm	10 1/2"/ 267 mm	33.1 (15.64)	240 (24)
BKCH – 219R1	8 5/8"/ 219 mm	9 1/8"/ 232 mm	4 5/16"/ 110 mm	11"/ 280 mm	41.9 (19.2)	320 (32)
BKCH – 245R1	9 5/8"/ 245 mm	10 5/8"/ 270 mm	4 3/4"/ 120 mm	12 3/16"/ 310 mm	66.1 (30.75)	350 (35)
BKCH – 324R1	12 3/4"/ 324 mm	3 13/16"/ 351 mm	6 5/16"/ 160 mm	13 3/4"/ 350 mm	99.2 (45.85)	410 (41)
BKCH – 340R1	13 3/8"/ 340 mm	14 3/8"/ 365 mm	6 5/16"/ 160 mm	15"/ 380 mm	121.3 (55)	430 (43)

Materials:

Adapter sub - Steel 40H GOST 4543-71;

Control shroud –cast iron SCH20 GOST 1412-85.

The connecting thread of the shoe is available to choose:

1) OTTM GOST 632-80 □
2) OTTG GOST 632-80 □
3) Short triangular thread GOST 632-80 □
4) Buttress GOST 51906-2002 □