



PL-MRT

Rotary mechanical disconnecter PL-MRT

Is designed for running the well casing.

During the fastening of the well casing pipe, it ensures its straightness while waiting for cement, thereby preventing unloading on the cement stone.

The PL-H/MRT disconnecter can be equipped with keying, that blocks the premature disconnection from the running casing pipes, which allows, in particularly difficult conditions, to perform the tolerance of the liner with rotation.

The PL-H/MRT disconnecter is used for both vertical and directional wells and is assembled with various technological equipment.

Opening of the flushing holes and disconnection is carried out by rotating the allowable tool to the right to the required number of turns.

A "stop collar" and a drill pipe plug or ball are supplied with the disconnecter.

CONSTRUCTIVE ADVANTAGES:

- the running and cementing of wells in difficult geological conditions;
- with secures control over the cementing process and is given in the high
- cement sleeve;
- possibility of running and fastening casing columns without the use
- hanger for well casing;
- disconnection method with left thread;
- this is the mentation of sections in a stretched state;
- section casing cementing in tension;
- duplicating option for opening flushing holes;
- constructional options that provide for the possibility of rotation of the section during the descent process;
- opportunity was rotating running tool during WOC.

String of casing, in / (mm)	Tooling size, in / (mm)		Maximum pressure, psi / (Mpa)		Load capacity, t
	Outer diameter, maximum	Inner diameter, minimum	Cementing	Test	
4 1/2" (114,3)	5,9" (150)	3,81" (97)	4350 (30)	14500 (100)	120
5 " (127)	5,9" (150)	4,05" (103)	4350 (30)	14500 (100)	150
5 1/5" (139,7)	7,67" (195)	4,60" (117)	4350 (30)	14500 (100)	180
5 3/4" (146)	7,67" (195)	4,88" (124)	4350 (30)	14500 (100)	190
6 5/8" (168,3)	8,38" (213)	5,66" (144)	4350 (30)	14500 (100)	200
7" (178)	8,38" (213)	6,06" (154)	4350 (30)	14500 (100)	200
9 5/8" (244,5)	12" (305)	8,54" (217)	3625 (25)	13050 (90)	250
12 3/4" (323,9)	14,84" (377)	11,73" (298)	2900 (20)	7250 (50)	300
13 3/8" (339,7)	15,43" (392)	12,63" (321)	2900 (20)	6530 (45)	300

* design dimensions can be changed and manufactured to individual technological conditions of the customer's well

