



Cementing sleeve PL-MCT

is designed for running casing, "liners", in one section with their subsequent collar cementing, as well as for cementing casing of lower or upper section in two stages. More often used when running down and cementing "liners" with filtering part. PL-MCT cementing sleeves are used together with other process equipment based on technological conditions of the well.

The equipment set includes:

- step cementing coupling;
- stop clutch;
- bottom separating plug;
- top separating plug.

SPECIAL FEATURES:

- running and cementing wells in difficult geological and technological conditions;
- availability of redundant option of flushing holes opening;
- locking of closing sleeve;
- adjustment of flushing orifices opening pressure;
- wide range of working pressure;
- anti-rotation performance of plugs and their fixation;
- elements of PL-MCT couplings are destroyed by PDC type chisel;
- reliability and ease of use.

| Casing, in /(mm) | Tooling sizes, in /(mm) | | Maximum pressure, psi / (MPa) | | Load capacity, t |
|---------------------|-------------------------|------------------------|-------------------------------|----------------|---------------------|
| | Outer diameter max. | Inner diameter min. | Activation | Testing | |
| 4 1/2" (127) | 5,90" (150) | 3,85" (98) | 4350 (30) | 14500 (100) | 150 |
| 5 " (127) | 5,90" (150) | 4,25" (108) | 4350 (30) | 14500 (100) | 150 |
| 5 1/2" (139,7) | 7,67" (195) | 4,76" (121) | 4350 (30) | 14500 (100) | 180 |
| 5 3/4" (146) | 7,67" (195) | 5" (127) | 4350 (30) | 14500 (100) | 190 |
| 6 5/8" (168,3) | 8,38" (213) | 5,94" (151) | 4350 (30) | 14500 (100) | 200 |
| 7" (178) | 8,38" (213) | 6,25" (159) | 4350 (30) | 14500 (100) | 200 |
| 9 5/8" (244,5) | 12" (305) | 8,85" (225) | 3625 (25) | 13050 (90) | 250 |



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