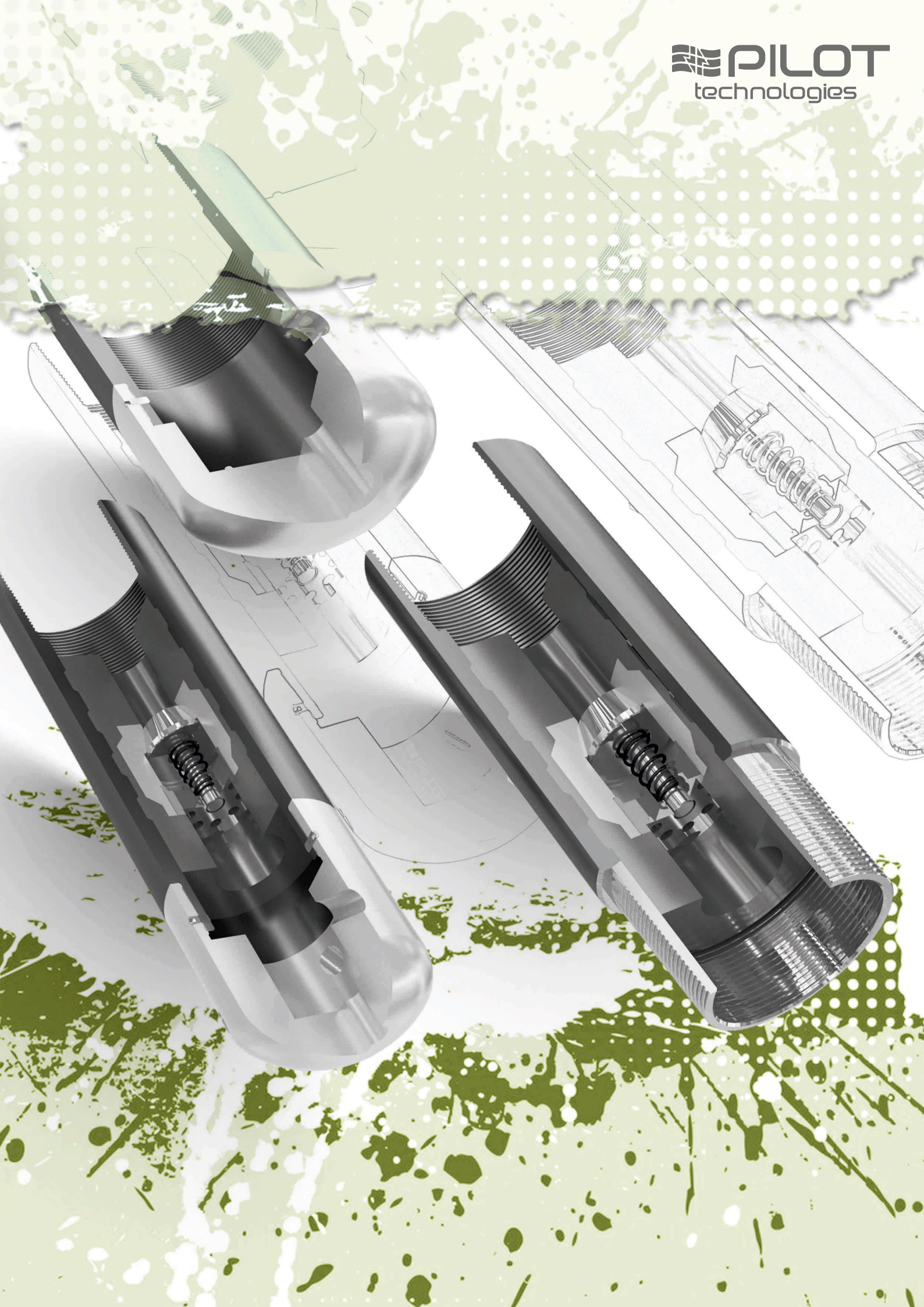
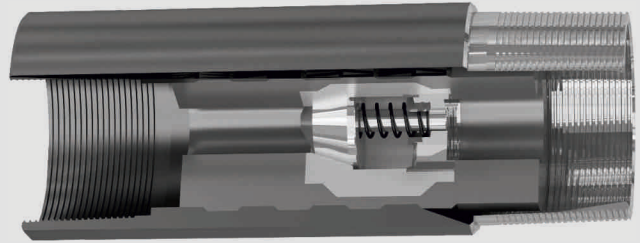




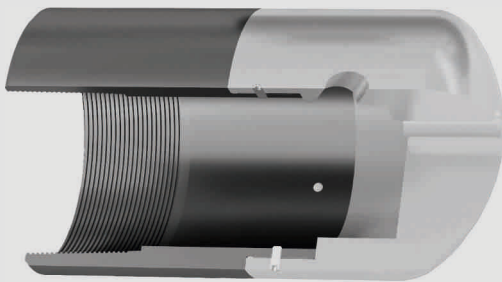
FLOAT VALVE PL-SV

the type valve provides reliable sealing of the inner tubing space, and is designed for pumping fluids with high performance during continuous operation and with colmatating additives. Valve parts are made of easily drillable material, which allows full drilling with PDC bits. Special coating and rubberization of the plunger makes this valve wear-resistant and reliable for sealing.



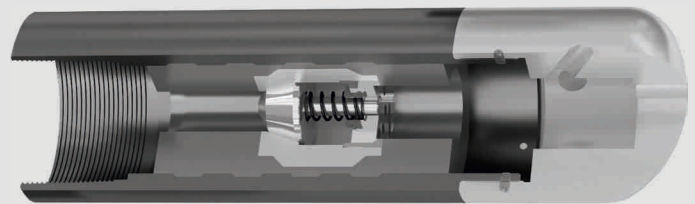
GUIDE SHOE PL-GS

string with a guide nozzle is designed to equip the lower part of the casing string in order to guide and increase its passage through the wellbore, and to prevent deformation of the lower pipe during landings.



FLOAT SHOE PL-FS

Is designed to equip the bottom of pipe casing strings in order to guide them along the wellbore and protect them from damage when running into the well. And also to prevent the reverse movement of the cement slurry into the tubular space after its pushing.



Casing, in / (mm)	Max O.D., in / (mm)	Min. I.D., in / (mm)	Maximum back pressure psi / (Mpa)	Pressure test, psi / (Mpa)
4 1/2" (114)	5,23" (133)	3,81" (97)	4350 (30)	7250 (50)
5" (127)	5,74" (146)	4,05" (103)	4350 (30)	7250 (50)
5 1/2" (139,7)	6,25" (159)	4,60" (117)	4350 (30)	7250 (50)
5 3/4" (146)	6,53" (166)	4,88" (124)	4350 (30)	7250 (50)
6" (168,3)	7,4" (188)	5,66" (144)	4350 (30)	7250 (50)
7" (178)	7,71" (196)	6,06" (154)	3625 (25)	7250 (50)
9 " (244,5)	10,62" (270)	8,54" (217)	3625 (25)	5800 (40)
13 3/8" (339,7)	14,37" (365)	12,36" (314)	2900 (20)	4350 (30)

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