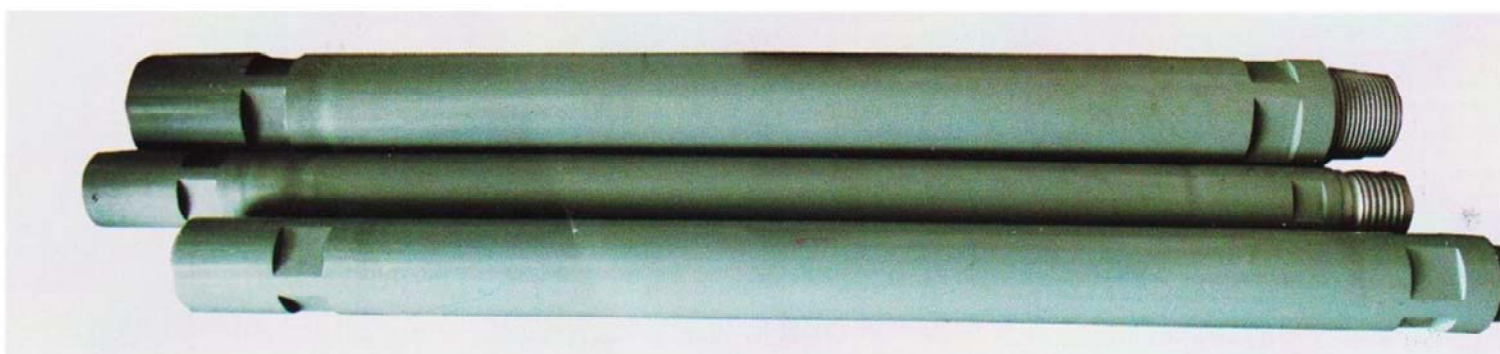
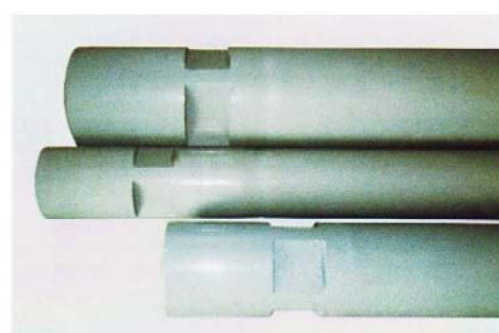
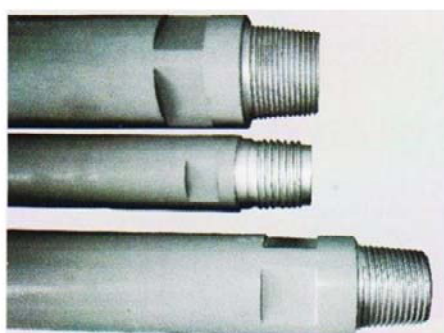


Reverse circulation pipes(dual wall drilling)

High pressure air transported into somewhere of the well along with air pip, via mixer to inject the high-pressure air into the pipe with liquid, due to the density of mixed liquor lower than the flushing liquor therefore a differential pressure occurred between pipe and sample tube that to make the mixed air and liquid follow up fleetly by the fluid column pressure and take the rock debris or power out to the ground from bottom of the hole continuously. By this drilling method will provide with advantages like high penetration rate, quality pore-forming and fewer hole collapse during drilling in loose formation.

This series reverse circulation pipes can increase penetration in lost-circulation formation, reduce drilling fluid consumption, protect reservoir stratum and save the cost of other consumption tools. In addition, the pipes can be worked in two direction circulation drilling ways to control the well drilling. By reverse circulation method to kill the well the heavy mud can be transferred directly to the bottom of the well, no periodic circulation and save time.

Type	external dia. of outer pipe (mm)	Inner dia. of inner pipe (mm)	thread of pipe	Length (mm)	sealing	Depth (m)	Marks
MD80/48	80×8	48×5	buttress thread	1500-6000	dual o ring radial	300-800	
MD89/38	89×8.56	38×4	3"Remet/Metzke	1500-6000	dual o ring radial	300-800	
MD102/46	102×8.56	46×5	3"Remet/Metzke	1500-6000	dual o ring radial	300-1000	outer pipe R780 or DZ50(optional) inner pipe
MD108/46	108×8.56	46×5	3 1/2"Remet/Metzke	1500-6000	dual o ring radial	300-1200	
MD114/50	114×8.56	50×5.5	4"Remet/Metzke	1500-6000	dual o ring radial	300-1200	
MD120/60	127×8.56	60×7	4"Remet/Metzke	1500-6000	dual o ring radial	Less5000	
MD146/73	146×10	75	4 1/2"Remet/Metzke	1500-6000	dual o ring radial	Less5000	



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