

Releasing Slip Socket



Main Technical Parameters for Drilling

Model	O.D. (mm)	Max. Catch Size (mm)		Thread API
		Spiral Grapple	Basket Grapple	
LT-T89	89	60.3	47.6	NC26
LT-T92	92	76	63.5	NC26
LT-T95	95	72.6	66.6	NC26
LT-T102	102	73	60.3	NC26
LT-T105	105	85.7	73	NC31
LT-T114	114	89	75	NC31
LT-T117	117	89	78	NC31
LT-T127	127	95	80	NC38
LT-T143	143	120.6	102	NC38
LT-T152	152	128	111	NC38
LT-T168	168	127	114	NC50
LT-T168B	168	139.7	120.6	NC50
LT-T181	181	146	127	NC50
LT-T194	194	159	141	NC50
LT-T200	200	159	141	NC50
LT-T206	206	178	163	NC50
LT-T206A	206	168	152	NC50
LT-T219	219	178	159	NC50
LT-T232	232	203	187	NC50
LT-T244	244	206	184	6 5/8 REG
LT-T260	260	219	200	6 5/8 REG

LT-T270	270	228.6	209.6	6 5/8 REG
LT-T273	273	241.3	216	6 5/8 REG
LT-T286	286	244.5	225.4	6 5/8 REG
LT-T298A	298	257	238.1	6 5/8 REG
LT-T340	340	286	260	6 5/8 REG

Main Technical Parameters for Workover

Model	O.D. (mm)	Max. Catch Size (mm)		Thread API
		Spiral Grapple	Basket Grapple	
LT/S-T48A	95	60	48	NC26, 2-3/8" REG
LT/S-T60	102	79	60.3	2-7/8" REG
LT/S-T73	114	86	73	NC31, 2-7/8" REG
LT/S-T89A	127	95	73	NC38, 3-1/2" IF
LT/S-T102A	140	114	101	NC38, 3-1/2" IF
LT/S-T114A	152	127	114	NC38, 3-1/2" IF

Inverse Circulation Strong Magnetic Die



Main Technical Parameters

Model	O.D. (mm)	Thread	Capacity (kg/cm ²)	Temperature Tolerance	Hole Size (mm)
CLF89	89	NC26	9.8	210	95~110
CLF100	100	NC26	9.8	210	110~135
CLF125	125	NC38	9.8	210	135~165
CLF140	140	NC38	8.5	210	150~175
CLF146	146	NC38	8.5	210	160~185

CLF150	150	NC38	8.5	210	160~185
CLF175	175	NC50	7.9	210	185~210
CLF178	178	NC50	7.8	210	185~210
CLF190	190	NC50	7.8	210	200~225
CLF200	200	NC50	7.6	210	210~235
CLF203	203	NC50	7.6	210	215~240
CLF225	225	6 5/8 REG	7.5	210	235~270
CLF254	254	6 5/8 REG	7.0	210	265~311
CLF265	265	6 5/8 REG	6.9	210	275~330
CLF292	292	6 5/8 REG	6.9	210	300~442
CLF317	317	7 5/8 REG	6.9	210	340~375
CLF356	356	7 5/8 REG	6.9	210	444.5

Inverse Circulating Basket



Main Technical Parameters

Model	Borehole Dia.		Sub O.D.		Max. Fish O.D. (mm)	Steel Ball Dia. (mm)	Thread
	mm	in	mm	in			
LL-F89 (7/2)	95-101.6	15/4 -4	89	7/2	60	30	NC26
LL-F97 (51/16)	107.9-114.3	17/4 -9/2	97	6 7/16	64.5	30	NC26
LL-F110 (69/16)	117.5-127	37/4 -5	110	6 9/16	78	35	NC26
LL-F121 (19/4)	130-139.7	41/8 -11/2	121	17/4	90.5	35	23/8 REG
LL-F130 (41/8)	142.9-152.4	45/8-6	130	41/8	90.5	40	NC31
LL-F140 (11/2)	155.6-165	49/8 -13/2	140	11/2	112	40	NC38
LL-F156 (49/8)	168-187.3	53/8 -59/8	156	49/8	121	45	NC40
LL-F178 (7)	190.5-209.5	15/2 -33/4	178	7	132	45	9/2REG
LL-F200 (63/8)	212.7-241.3	67/8 -19/2	200	63/8	154	50	NC46



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LL-F232 (73/8)	244.5-269.9	77/8 -85/8	232	73/8	179.5	50	NC50
LL-F257 (81/8)	273-295.3	43/8 -93/8	257	81/8	195.5	55	NC56
LL-F279 (11)	298.5-317.5	47/4 -25/2	279	11	211.5	55	11/2 FH
LL-F295(93/8)	320.6-346.1	101/8-109/8	295	93/8	221	60	NC61
LL-F330 (13)	319.3-406.4	55/4-16	330	13	251	60	NC70
LL-F381(15)	406.4-444.5	16-35/2	381	15	282.6	60	NC77

Junk Catcher

Main Technical Parameters

Model	Max. O.D. (mm)	Thread	Teeth Qty.	Applicable Tubing/Casing
YBZ 4-1/2"	95	NC26	6	4-1/2" tubing
YBZ 5"	103	NC26	6	5" casing
YBZ 5-1/2"	114	NC31	8	5-1/2" casing
YBZ 7"	146	NC38	10	7" casing
YBZ 7-5/8"	164	NC46	12	7-5/8" casing
YBZ 8-5/8"	190	NC50	12	8-5/8" casing
YBZ 9-5/8"	215	NC50	16	9-5/8" casing