JET CUTTERS

PIPE RECOVERY SOLUTIONS

Explosive Jet Cutters

The Explosive Jet Cutters used by ID Oil Tools cleanly cut coiled tubing, production tubing, casing, drill pipe and packer mandrels to make fishing, well intervention and P&A jobs significantly more efficient.

Besides standardtubing cutter sizes, special clearence cutters are available to be able to cut pipe below small restrictions like landing profiles or tooljoints.

Since 2002, 20 major oil and gas companies and all major oilfield service companies have qualified these Explosive Jet Cutters for their stuck pipe and tubing/casing recovery operations.

Results on offshore and land wells in all fluid environments, including dry gas, demonstrate that a predictive first cut with minimal flare can be accomplished at maximum working pressure on the first trip in the hole.



Applications & Features

- Minimal flaring once cut
- Available in slimline version
- High Pressure & Temperature
- Suitable for high grade tubulars

Cutter Type	Pipe O.D.	Max. Pressure (psi)	Temp. Max (°F)
Drillpipe	2-7/8" to 6-5/8"	30,000	400
Coiled Tubing	1" to 2-1/2"	22,000	400
Packer Mandrel	3 to 5-7/8"	20,000	400
Premium Tbg. & Csg.	2-3/8" to 7"	30,000	400
Standard Tbg. & Csg.	2-3/8" to 3-1/2"	12,000	400
Pressure Rating	4" to 7"	7,500	400

JET
CUTTER - SPECIFICATIONS

Cutter O.D. (in.)	Target O.D.	Wall Thickness (in.)	Max. Pressure (psi)	Temp. Max (°F)
0.687	1	0.080–0.109	18,000	400 [204]
0.8	1.25	0.134–0.175	18,000	400 [204]
0.875	1.25	0.080–0.125	18,000	400 [204]
1	1.5	0.095–0.190	18,000	400 [204]
1.188	1.75	0.109–0.204	18,000	400 [204]
1.25	1.75	0.109–0.204	18,000	400 [204]
1.33	1.75	0.109–0.204	18,000	400 [204]
1.375	2	0.109–0.204	18,000	400 [204]
1.425	2-3⁄8	0.218	18,000	400 [204]
1.56	2-3⁄8	0.218	18,000	400 [204]
1.58	2-3/8	0.218	18,000	400 [204]
1.68	2-3/8	0.218	18,000	400 [204]
1.813	2-3/8	0.218	18,000	400 [204]
1.850	2-7/8	0.276	22,000	400 [204]
1.9	2-7/8	0.34	22,000	400 [204]
2.063	2-7/8	0.276	18,000	400 [204]
2.125	2-7/8	0.276	18,000	400 [204]
2.188	3-1/2	0.375	22,000	400 [204]
2.188	3-1/8	0.435	22,000	400 [204]
2.25	2-7/8	0.276	18,000	400 [204]
2.251	3-1/2	0.476	20,000	400 [204]
2.252	3-1/2	0.46	20,000	400 [204]
2.375	3-1/2	0.425	18,000	400 [204]
2.5	3-1/2	0.375	18,000	400 [204]
2.5	3-1/2	0.425	18,000	400 [204]

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Cutter O.D. (in.)	Target O.D.	Wall Thickness (in.)	Max. Pressure (psi)	Temp. Max (°F)
2.6	4	0.33	18,000	400 [204]
2.6	4-1/2	0.365	18,000	400 [204]
2.625	3-1/2	0.375	18,000	400 [204]
2.65	3-1/2	0.254	18,000	400 [204]
2.69	4-1/2	0.365	18,000	400 [204]
2.75	3-1/2	0.289	18,000	400 [204]
3	4	0.36	22,000	400 [204]
3.125	5	0.41	22,000	400 [204]
3.125	4-1/2	0.41	22,000	400 [204]
3.19	4	0.36	22,000	400 [204]
3.25	5	0.362	22,000	400 [204]
3.31	5	0.362	18,500	400 [204]
3.375	4-1/2	0.41	22,000	400 [204]
3.375	5	0.41	22,000	400 [204]
3.375	5-1/2	0.42	22,000	400 [204]
3.475	4-1/2	0.41	22,000	400 [204]
3.475	5	0.362	22,000	400 [204]
3.475	5-1/2	0.42	22,000	400 [204]
3.475	4-1/2	0.41	22,000	400 [204]
3.5	4-1/2	0.357	7,500	400 [204]
3.5	4-1/2	0.41	7,500	400 [204]
3.68	5	0.362	18,000	400 [204]
3.68	5-1/2	0.361	18,000	400 [204]
3.68	5	0.478	18,000	400 [204]
3.8	5	0.476	18,000	400 [204]

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CUTTER - SPECIFICATIONS

Cutter O.D. (in.)	Target O.D.	Wall Thickness (in.)	Max. Pressure (psi)	Temp. Max (°F)
3.8	5-1/2	0.361	18,000	400 [204]
4.07	5-1/2	0.5	18,000	400 [204]
4.07	5-5/8	0.52	22,000	400 [204]
4.15	5-1/2	0.5	18,000	400 [204]
4.15	5-5/8	0.52	18,000	400 [204]
4.2	5-1/2	0.5	18,000	400 [204]
4.2	5-5/8	0.52	18,000	400 [204]
4.25	5-1/2	0.415	7,500	400 [204]
4.25	5-1/2	0.415	7,500	400 [204]
5.25	7	0.5	18,000	400 [204]
5.25	7	0.54	18,000	400 [204]
5.375	7	0.54	18,000	400 [204]
5.375	7	0.5	18,000	400 [204]
5.7	7	0.54	18,000	400 [204]
5.7	7	0.5	18,000	400 [204]
5.8	7	0.408	7,500	400 [204]
6.25	7	0.317	7,500	400 [204]