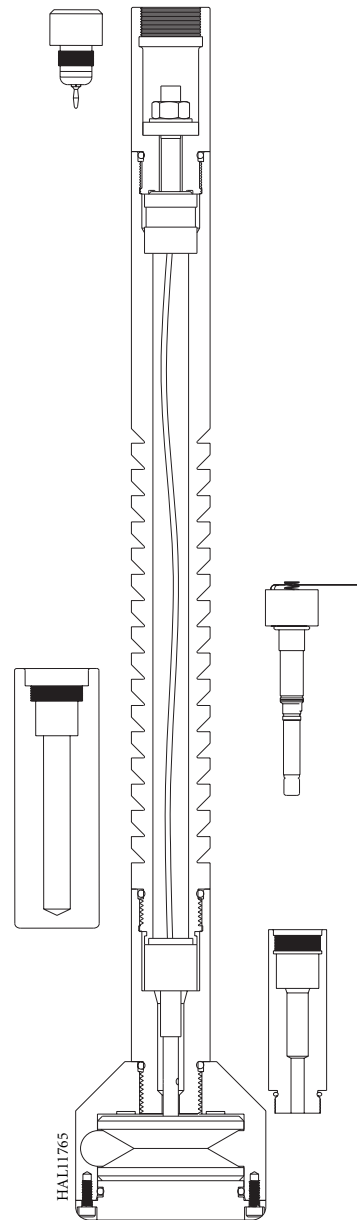


Casing and Drillpipe Cutters

Jet Research Center's casing and drillpipe cutters feature the same level of engineering detail and design as the industry-leading JRC tubing cutters. They are designed to cleanly sever a wide range of casing efficiently, using a minimum amount of explosive. The designs feature high specification aluminum alloy case material that breaks up substantially upon detonation. JRC casing and drillpipe cutters offer high levels of safety and reliability in field applications with a minimum amount of set-up or configuration based on well parameters. JRC developed the industry standard shock attenuating mandrel for use with the range of casing and drillpipe cutters and patented this technology (US patent 5,117,911). Casing and drillpipe cutters can be used with JRC's proprietary RED® rig environment detonator, offering a high level of protection against stray voltage or inadvertent RF-initiation.

Features

- Shock attenuating mandrel helps protect associated wireline tools
- Cutter designed for minimum pipe flare
- Extensive cutter range offers selection based on well conditions
- Cutters available for high-strength and chrome pipes
- Special designs available to match unique well conditions
- Detonator options available to satisfy all applications



Casing and Drillpipe Cutters

Wafer Casing Cutters (1.1D)

Tubing OD in.	Description	Part No.	Cutter OD in.	Rating psi / °F	Explosive Weight g	Housing Material (S-Steel, A-Aluminum)	Shipping Class	Recommended Target Tubing		
								Grade	Wall Th	Weight (Incl Coupl.) lb/ft
3 1/2 DP	2 3/8-in. Drill Pipe Cutter	100116368	2.375	12,500/400	22	S/A	1.4S UN0441	G105	0.254 - 0.449	9.5 - 15.5
4	2 15/16-in. Drill Pipe Cutter	100127821	2.938	7,500/400	47.4	A	1.1D UN0059	L80	0.262 - 0.380	11.85 - 15.7
4 1/2 DP	2 5/16-in. Drill Pipe Cutter	100127821	2.938	7,500/400	47.4	A	1.1D UN0059	G105	0.271 - 0.430	13.75 - 20.00
4 1/2 DP	3 15/16-in. Drill Pipe Cutter	100000140	3.313	7,500/400	61	A	1.1D UN0059	G105	0.430	20.00
5 DP	3 5/16-in. Drill Pipe Cutter	100000140	3.313	7,500/400	61	A	1.1D UN0059	G105	0.296 - 0.500	16.25 - 25.60
4 1/2	3 5/8-in. Casing Cutter	101293449	3.625	7,500/400	54	A	1.1D UN0059	L80	0.205 - 0.337	9.50 - 15.10
5	4-in. Casing Cutter	101293457	4.000	9,000/400	110	S/A	1.1D UN0059	L80	0.253 - 0.437	11.50 - 21.40
5 DP	4-in. Casing Cutter	101293457	4.000	9,000/400	110	S/A	1.1D UN0059	G105	0.296 - 0.362	16.25 - 19.50
5 1/2	4 1/2-in. Casing Cutter	100014494	4.500	9,000/400	104	S/A	1.1D UN0059	L80	0.304 - 0.415	17.00 - 23.00
5 1/2	4 3/4-in. Casing Cutter	101293484	4.750	9,000/400	100	S/A	1.1D UN0059	L80	0.244 - 0.304	14.00 - 17.00
5 3/4	4 3/4-in. Casing Cutter	101293484	4.750	9,000/400	100	S/A	1.1D UN0059	L80	0.330 - 0.430	19.50 - 25.20
6	5 3/8-in. Casing Cutter	101293491	5.375	9,000/400	240	S/A	1.1D UN0059	L80	0.224 - 0.275	14.00 - 17.00
6 5/8	5 3/8-in. Casing Cutter	101293491	5.375	9,000/400	240	S/A	1.1D UN0059	L80	0.475	32.00
6 5/8	5 1/2-in. Casing Cutter	101293515	5.500	9,000/400	253	A	1.1D UN0059	L80	0.228 - 0.417	20.00 - 28.00
7	5 1/2-in. Casing Cutter	101293515	5.500	9,000/400	253	A	1.1D UN0059	L80	0.408 - 0.540	29.00 - 38.00
7	6-in. Casing Cutter	101293536	6.000	9,000/400	280	A	1.1D UN0059	L80	0.317 - 0.408	23.00 - 29.00
7 5/8	6 1/8-in. Casing Cutter	101293544	6.125	9,700/400	253	A	1.1D UN0059	L80	0.375 - 0.500	29.70 - 39.00
8 5/8	7 1/4-in. Casing Cutter	101293553	7.250	8,000/400	373	A	1.1D UN0059	L80	0.400 - 0.595	36.00 - 52.00
9 5/8	8 3/16-in. Casing Cutter	101293555	8.188	8,000/400	407	A	1.1D UN0059	L80	0.435 - 0.545	43.50 - 53.50

Accessories

Tubing Cutter Accessories		HP Accessories		Safety Accessories	
Detonator - Resistorized	100000432	Extension Mandrel - Steel	101293227	Shunt Plug	100010861
Adapter for Resistorized Detonator	100014468	Adapter for Resistorized Detonator - Steel	101293240	Safety Tube	100010862
Firing Head, 1 1/2-in. OD	100000434	Adapter for RED - Steel	101295134		
Extension Mandrel	100008258				
Detonator - RED [®]	101272595				
Adapter for RED Detonator	101295128				

Notes:

1. Always run effective centralization for optimum results.
2. Undersized cutters may not make a full cut.
3. When more than one cutter is available for the specified target, always select the largest diameter cutter.