



ENERGETICS

POWER CHARGES FOR GO STYLE & BAKER STYLE SETTING TOOLS
IGNITERS FOR GO STYLE & BAKER STYLE SETTING TOOLS



The Diamondback Difference: Power Charges

Technical Sheet > FOR POWER CHARGES

Diamondback Industries Power Charges are designed with the customer foremost in mind. The energetic compound is housed in a fiberboard tube. This reduces heat away from the firing head. It also allows the remaining post burn residue to be easily flushed with water, therefore decreasing redress time and allowing for easy cleanup.

Our power charges are manufactured in a temperature/ humidity controlled environment, thus helping achieve accurate burn rate with consistent shear times. With over one million power charges successfully used in the field, Diamondback has established itself as the industry standard.

FEATURES:

- Consistent Burn Rate
- Fiberboard Housing Reduces Heat
- Clean Burning Design for Easy Redress of Tool
- Competitive Pricing
- Rated to Withstand 400° F Temperatures for One Hour

POWER CHARGES AVAILABLE FOR:

- Baker Style #5 E4 Setting Tool (slow set & standard)
- Baker Style #10 E4 Setting Tool (slow set & standard)
- Baker Style #20 E4 Setting Tool (slow set & standard)
- 1½ – 11/16 Shorty Setting Tools
- 11/16 Multi-stage Setting Tools
- 2½ Shorty Setting Tools
- 3½ Shorty Setting Tools
- 3¾ Compact Setting Tools

Tool Size	Part # F/ Power Charge	Maximum Piston Stroke	Tested (lbf) Maximum Shear	Area (Sq. Inch)	Min-Max (PSI) Gas Pressure	Safety Factor
GO STYLE TOOL POWER CHARGES						
1½ Shorty	HDO-1500-100	6.375"	10,000	.859	13,970/14,550	20-25%
11/16 Shorty	HDO-1500-100	6.375"	13,000	1.115	13,990/14,570	20-25%
11/16 Multi-Stage	HDO-1687-100	10.45"	20,000	2.220	10,810/11,265	20-25%
2½ Multi-Stage	HDO-3625-100	10.36"	32,000	3.600	10,665/11,110	20-25%
2½ Shorty	HDO-2500-200	10.50"	30,000	3.140	11,465/11,940	20-25%
3½ Shorty	HDO-3500-100	6.375"	55,000	6.488	10,175/10,600	20-25%
3¾ Compact	HDO-3625-100	10.00"	55,000	5.385	12,250/12,760	20-25%
BAKER STYLE SETTING TOOL POWER CHARGES 12,725/10,600						
Baker #5 Slow Set	BPC-0800-005	5.50"	13,000	1.226	12,725/13,250	20-25%
Baker #5 Standard	BPC-0800-005S	5.50"	13,000	1.226	12,725/13,250	20-25%
Baker #10 Slow Set	BPC-1300-010	6.50"	30,000	3.545	10,150/10,510	20-25%
Baker #10 Standard	BPC-1300-010S	6.50"	30,000	3.545	10,150/10,510	20-25%
Baker #20 Slow Set	BPC-1500-020	10.00"	60,000	7.065	11,320/11,900	20-25%
Baker #20 Standard	BPC-1500-020S	10.00"	60,000	7.065	11,320/11,900	20-25%

*The charges for all self-bleeding tools will be closer to or right on the target pressure for the maximum side with a 25% safety factor.

*The charges for all manual bleeding tools are designed closer to the right on the target pressure for the minimum side with a 20% safety factor.

POWER CHARGES > Go Style

Part #	Description
HDO-1500-100	1½ & 11/16 Shorty
HDO-1687-100	11/16 Multi-Stage
HDO-2500-100	2½ Shorty
HDO-3500-100	3½ Shorty
HDO-3625-100	3¾ Compact
Primary Igniters	
DET-2700-074	Power Charge Igniter



Go Style Power Charge

1½ – 11/16 Shorty Setting Tools
11/16 Multistage Setting Tools
11/16 Long Stroke Setting Tools
2½ Shorty Setting Tools
3½ Shorty Setting Tools
3¾ Compact Setting Tools

POWER CHARGES > Baker Style

Part #	Description
Slow Set	
BPC-0800-005	#5 Slow Set Charge
BPC-1300-010	#10 Slow Set Charge
BPC-1500-020	#20 Slow Set Charge
Standard	
BPC-0800-005S	#5 Standard Charge
BPC-1300-010S	#10 Standard Charge
BPC-1500-020S	#20 Standard Charge
Primary Igniters	
DET-2700-075	BP-4 or BP-3
Secondary Igniters	
DET-2700-076	Secondary



Baker Style Power Charge

Baker Style #5 E4 Setting Tool
 (slow set & standard)
Baker Style #10 E4 Setting Tool
 (slow set & standard)
Baker Style #20 E4 Setting Tool
 (slow set & standard)

Igniters



GO-Style Igniter

BP-3 Igniter

Secondary Igniter

BP-4 Igniter

Features

- RF Safe Certified
- Special Composition Mixture
- Consistent Firing
- Competitive Pricing
- Rated To Withstand 400F for One Hour

