

SHAPED CHARGES | TECH-KIT

RDX_3.125(IN) CARRIERS							
Target Casing	Average Entrance Hole (in)	Entrance Hole Variation (%)	Average Penetration (in)	Explosive Load (g)	Charge	Part Number	Test Type
4.5" - 11.6 lbm/ft L - 80	0.40	2.8	35.4	19.4	S3106D, RDX	100920037	API RP 19B SECTION 1
	0.49	4.4	19.9	19.4	S3106, RDX	101287482	
5.5" - 20.0 lbm/ft P - 110	0.37	8.8	27.7	19.4	S3106D, RDX	100920037	API RP 19B SECTION 1
	0.37	10.1	31.2	21.6	S3406D, RDX	101267229	
	0.40	4.3	21.4	19.4	EX40, RDX	103653084	
	0.41	8.1	18.7	19.4	S3106, RDX	101287482	
	0.44	17.9	17.3	22.7	S3406, RDX	101287566	
	0.45	4.7	22.0	22.5	EX45, RDX	104605698	
5.5" - 23.0 lbm/ft P - 110	0.30	4.6	30.5	18.4	S3106LE,RDX	103187958	QC ‡
	0.34	7.5	32.6	19.4	S3106D, RDX	100920037	API RP 19B SECTION 1
	0.38	9.7	26.9	21.6	S3406D, RDX	101267229	
	0.40	4.4	22.1	19.4	EX40, RDX	103653084	
	0.44	18.9	18.1	22.7	S3406, RDX	101287566	
RDX_3.375(IN) CARRIERS							
5.0" - 15.0 lbm/ft L - 80	0.42	6.2	35.6	21.6	S3406D, RDX	101267229	API RP 19B SECTION 1
	0.52		19.2	22.7	S3406, RDX	101287566	QC ‡
5.5" - 23.0 lbm/ft P - 110	0.35	5.7	28.7	19.4	S3106D, RDX	100920037	API RP 19B SECTION 1
	0.39	5.3	31.3	21.6	S3406D, RDX	101267229	
	0.45		19.2	22.7	S3406, RDX	101287566	
HMX_3.125(IN) CARRIERS							
4.5" - 11.6 lbm/ft L - 80	0.45	7.8	36.1	19.3	S3106D, HMX	101287579	QC ‡
5.5" - 23.0 lbm/ft P - 110	0.35	6.0	36.1	19.3	S3106D, HMX	101287579	
HMX_3.375(IN) CARRIERS							
5.0" - 15.0 lbm/ft L - 80	0.50	2.9	35.3	21.9	S3406D, HMX	101483306	QC ‡
5.5" - 23.0 lbm/ft P - 110	0.46	3.4	35.3	21.9	S3406D, HMX	101483306	

SHAPED CHARGES | TECH-KIT

EX40, RDX

PERFORMANCE DATA

Gun Size (in)	Casing	Avg. Entrance Hole (in)	Entrance Hole (STDEV%)	Penetration (in)	Test Type
3.125	5.5" – 20.0 lbm/ft P - 110	0.40	4.3	21.4	API RP 19B Sec. 1
3.125	5.5" – 23.0 lbm/ft P - 110	0.40	4.4	22.1	API RP 19B Sec. 1

SPECIFICATIONS

Gun Size (in)	3.125 - 3.375
Part Number	103653084
Name	EX40
Explosive Load (g)	19.4
Temp. Rating - 1 hr (°F)	340
Temp. Rating - 100 hr (°F)	240

PACKAGING INFO

Gross / Net Weight (lbs)	62.0 / 55.0
Quantity per Box	100
Shelf Life (yrs)	10
UN Number	440
Hazard Class	1.4D
Box Size (in)	20 × 13 × 8

EX45, RDX

PERFORMANCE DATA

Gun Size (in)	Casing	Avg. Entrance Hole (in)	Entrance Hole (STDEV%)	Penetration (in)	Test Type
3.125	5.5" – 20.0 lbm/ft P - 110	0.45	4.7	22.0	API RP 19B Sec. 1

SPECIFICATIONS

Gun Size (in)	3.125 - 3.375
Part Number	104605698
Name	EX45
Explosive Load (g)	22.5
Temp. Rating - 1 hr (°F)	340
Temp. Rating - 100 hr (°F)	240

PACKAGING INFO

Gross / Net Weight (lbs)	62.0 / 55.0
Quantity per Box	100
Shelf Life (yrs)	10
UN Number	440
Hazard Class	1.4D
Box Size (in)	20 × 13 × 8

SPECIFICATIONS

Gun Size (in)	3.125 - 3.375
Part Number	104605698
Name	EX45
Explosive Load (g)	19.4
Temp. Rating - 1 hr (°F)	340
Temp. Rating - 100 hr (°F)	240

PACKAGING INFO

Gross / Net Weight (lbs)	62.0 / 55.0
Quantity per Box	100
Shelf Life (yrs)	10
UN Number	440
Hazard Class	1.4D
Box Size (in)	20 × 13 × 8

SHAPED CHARGES | TECH-KIT

S3106, RDX

PERFORMANCE DATA

Gun Size (in)	Casing	Avg. Entrance Hole (in)	Entrance Hole (STDEV%)	Penetration (in)	Test Type
3.125	4.5" - 11.6 lbm/ft L - 80	0.49	4.4	19.9	API RP 19B Sec. 1
3.125	5.5" - 20.0 lbm/ft P - 110	0.41	8.1	18.7	API RP 19B Sec. 1
3.125	5.5" - 23.0 lbm/ft P - 110	0.40	11.1	18.5	API RP 19B Sec. 1

SPECIFICATIONS

Gun Size (in)	3.125 - 3.375
Part Number	101287482
Name	S3106
Explosive Load (g)	19.4
Temp. Rating - 1 hr (°F)	340
Temp. Rating - 100 hr (°F)	240

PACKAGING INFO

Gross / Net Weight (lbs)	62.9 / 54.9
Quantity per Box	100
Shelf Life (yrs)	10
UN Number	440
Hazard Class	1.4D
Box Size (in)	20 × 13 × 8

S3106D, RDX

PERFORMANCE DATA

Gun Size (in)	Casing	Avg. Entrance Hole (in)	Entrance Hole (STDEV%)	Penetration (in)	Test Type
3.125	4.5" - 11.6 lbm/ft L - 80	0.40	2.8	35.4	API RP 19B Sec. 1
3.125	5.5" - 20.0 lbm/ft P - 110	0.37	8.8	27.7	API RP 19B Sec. 1
3.125	5.5" - 23.0 lbm/ft P - 110	0.34	7.5	32.6	API RP 19B Sec. 1
3.375	5.5" - 23.0 lbm/ft P - 110	0.35	5.7	28.7	API RP 19B Sec. 1

SPECIFICATIONS

Gun Size (in)	3.125 - 3.375
Part Number	100920037
Name	S3106D
Explosive Load (g)	19.4
Temp. Rating - 1 hr (°F)	340
Temp. Rating - 100 hr (°F)	240

PACKAGING INFO

Gross / Net Weight (lbs)	65.4 / 58.4
Quantity per Box	100
Shelf Life (yrs)	10
UN Number	440
Hazard Class	1.4D
Box Size (in)	20 × 13 × 8

SHAPED CHARGES | TECH-KIT

S3106LE, RDX

PERFORMANCE DATA

Gun Size (in)	Casing	Avg. Entrance Hole (in)	Entrance Hole (STDEV%)	Penetration (in)	Test Type
3.125	5.5" – 23.0 lbm/ft P - 110	0.30	4.6	30.5	QC ‡

SPECIFICATIONS

Gun Size (in)	3.125 - 3.375
Part Number	103187958
Name	S3106LE
Explosive Load (g)	19.4
Temp. Rating - 1 hr (°F)	340
Temp. Rating - 100 hr (°F)	240

PACKAGING INFO

Gross / Net Weight (lbs)	65.4 / 58.4
Quantity per Box	100
Shelf Life (yrs)	10
UN Number	440
Hazard Class	1.4D
Box Size (in)	20 × 13 × 8

SHAPED CHARGES | TECH-KIT

S3406, RDX

PERFORMANCE DATA

Gun Size (in)	Casing	Avg. Entrance Hole (in)	Entrance Hole (STDEV%)	Penetration (in)	Test Type
3.125	5.5" – 20.0 lbm/ft P - 110	0.44	17.9%	17.3	API RP 19B Sec. 1
3.125	5.5" – 23.0 lbm/ft P - 110	0.44	18.9%	18.1	API RP 19B Sec. 1
3.375	5.0" – 15.0 lbm/ft L - 80	0.52		19.2	QC ‡
3.375	5.5" – 23.0 lbm/ft P - 110	0.45		19.2	QC ‡

SPECIFICATIONS

Gun Size (in)	3.125 - 3.375
Part Number	101287566
Name	S3406
Explosive Load (g)	22.7
Temp. Rating - 1 hr (°F)	340
Temp. Rating - 100 hr (°F)	240

PACKAGING INFO

Gross / Net Weight (lbs)	62.9 / 54.9
Quantity per Box	100
Shelf Life (yrs)	10
UN Number	440
Hazard Class	1.4D
Box Size (in)	20 × 13 × 8

S3406D, RDX

PERFORMANCE DATA

Gun Size (in)	Casing	Avg. Entrance Hole (in)	Entrance Hole (STDEV%)	Penetration (in)	Test Type
3.125	5.5" – 20.0 lbm/ft P - 110	0.37	10.1	31.2	API RP 19B Sec. 1
3.125	5.5" – 23.0 lbm/ft P - 110	0.38	9.7	26.9	API RP 19B Sec. 1
3.375	5.0" – 15.0 lbm/ft L - 80	0.42	6.2	35.6	API RP 19B Sec. 1
3.375	5.5" – 23.0 lbm/ft P - 110	0.39	5.3	31.3	API RP 19B Sec. 1

SPECIFICATIONS

Gun Size (in)	3.125 - 3.375
Part Number	101267229
Name	S3406
Explosive Load (g)	22.7
Temp. Rating - 1 hr (°F)	340
Temp. Rating - 100 hr (°F)	240

PACKAGING INFO

Gross / Net Weight (lbs)	62.4 / 54.9
Quantity per Box	100
Shelf Life (yrs)	10
UN Number	440
Hazard Class	1.4D
Box Size (in)	20 × 13 × 8

SHAPED CHARGES | TECH-KIT

S3106D, HMX

ENTRANCE HOLE DATA

Gun Size (in)	Casing	Avg. Entrance Hole (in)	Entrance Hole (STDEV%)	Penetration (in)	Test Type
3.125	4.5" – 11.6 lbm/ft L - 80	0.45	7.8	36.1	QC ‡
3.125	5.5" – 23.0 lbm/ft P - 80	0.35	6.0	36.1	QC ‡

SPECIFICATIONS

Gun Size (in)	3.125
Part Number	101287579
Name	S3106D
Explosive Load (g)	19.3
Temp. Rating - 1 hr (°F)	400
Temp. Rating - 100 hr (°F)	300

PACKAGING INFO

Gross / Net Weight (lbs)	65.4 / 57.9
Quantity per Box	100
Shelf Life (yrs)	10
UN Number	440
Hazard Class	1.4D
Box Size (in)	20 × 13 × 8

SHAPED CHARGES | TECH-KIT

S3406D, HMX

ENTRANCE HOLE DATA

Gun Size (in)	Casing	Avg. Entrance Hole (in)	Entrance Hole (STDEV%)	Penetration (in)	Test Type
3.375	5.0" – 15.0 lbm/ft L - 80	0.50	2.9	35.3	QC ‡
3.375	5.5" – 23.0 lbm/ft P - 110	0.46	3.4	35.3	QC ‡

SPECIFICATIONS

Gun Size (in)	3.375
Part Number	101483306
Name	S3406D
Explosive Load (g)	21.9
Temp. Rating - 1 hr (°F)	400
Temp. Rating - 100 hr (°F)	300

PACKAGING INFO

Gross / Net Weight (lbs)	65.4 / 57.9
Quantity per Box	100
Shelf Life (yrs)	10
UN Number	440
Hazard Class	1.4D
Box Size (in)	20 × 13 × 8