



Shaped Charges DYNAWELL Selection Charts Deep Penetrating Steel

Part No.	Description Shaped Charge DW	Application	Liquid/ Gas	Package Size	Classification	Gun Size		Shot Density		Phasing
						in	mm	spf	spm	
2316431	3.6g DP St RDX	HSC	L/G	50	1.4D	1 9/16"	40mm	4spf 6spf	13spm 20spm	90° 60°
2316326	3.6g DP St HMX	HSC	L/G	50	1.4D					
2317438	3.6g DP St HNS	HSC	L/G	50	1.4D					
2314473	6.5g DP St RDX	HSC	L/G	50	1.4D	2"	51mm	4spf 6spf	13spm 20spm	90° 60°
2314658	6.5g DP St HMX	HSC	L/G	50	1.4D					
2315448	6.5g DP St HNS	HSC	L/G	50	1.4D					
2323267	6.5g DP2 St RDX	HSC	L/G	50	1.4D	2"	51mm	4spf 6spf	13spm 20spm	90° 60°
2323268	6.5g DP2 St HMX	HSC	L/G	50	1.4D					
2323269	6.5g DP2 St HNS	HSC	L/G	50	1.4D					
2323270	11g DP St RDX	HSC	L/G	50	1.4D	2 1/2"	63.5mm	6spf	20spm	60°
2323271	11g DP St HMX	HSC	L/G	50	1.4D					
2323272	11g DP St HNS	HSC	L/G	50	1.4D					
2313285	15g DP St RDX	HSC	L/G	50	1.4D	2 3/4" 2 7/8" 4 1/2"	70mm 73mm 114mm	4spf	13spm	90°
2313286	15g DP St HMX	HSC	L/G	50	1.4D			6spf	20spm	60°
2313287	15g DP St HNS	HSC	L/G	50	1.4D			4spf	13spm	90°
								6spf	20spm	60°
								12spf	39spm	135°
2317118	19g DP St RDX	HSC	L/G	50	1.4D	3 1/8" 3 3/8" 4" 4 1/2"	79mm 86mm 102mm 114mm	6spf	20spm	60°
2317119	19g DP St HMX	HSC	L/G	50	1.4D			4spf	13spm	90°
								6spf	20spm	60°
								6spf	20spm	60°
								12spf	39spm	135°
2317323	20g DP St RDX	HSC	L/G	50	1.4D	3 1/8" 3 3/8" 4" 4 1/2"	79mm 86mm 102mm 114mm	6spf	20spm	60°
2317324	20g DP St HMX	HSC	L/G	50	1.4D			4spf	13spm	90°
								6spf	20spm	60°
								6spf	20spm	60°
								12spf	39spm	135°
2317325	20g DP St HNS	HSC	L/G	50	1.4D			6spf	20spm	60°
								12spf	39spm	135°

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Revised: 12/06/01



Shaped Charges DYNAWELL Selection Charts Deep Penetrating Steel continued

Part No.	Description Shaped Charge DW	Application	Liquid/ Gas	Package Size	Classification	Gun Size		Shot Density		Phasing
						in	mm	spf	spm	
2810257	22.7g DP St RDX	HSC	L/G	50	1.4D	3 3/8" 4" 4 1/2"	86mm 102mm 114mm	4spf	13spm	90°
2310013	22.7g DP St HMX	HSC	L/G	50	1.4D			6spf	20spm	60°
2810273	22.7g DP St HNS	HSC	L/G	50	1.4D			6spf	20spm	60°
2316417	23g DP St RDX	HSC	L/G	50	1.4D	3 3/8" 4" 4 1/2"	86mm 102mm 114mm	4spf	13spm	90°
2316422	23g DP St HMX	HSC	L/G	50	1.4D			6spf	20spm	60°
2323276	23g DP St HNS	HSC	L/G	50	1.4D			6spf	20spm	60°
2323273	23g DP2 St RDX	HSC	L/G	50	1.4D	3 3/8" 4" 4 1/2"	86mm 102mm 114mm	4spf	13spm	90°
2323274	23g DP2 St HMX	HSC	L/G	50	1.4D			6spf	20spm	60°
2323275	23g DP2 St HNS	HSC	L/G	50	1.4D			6spf	20spm	60°
2313383	24g DP St RDX	HSC	L/G	50	1.4D	3 3/8" 4"	86mm 102mm	4spf	13spm	90°
2313384	24g DP St HMX	HSC	L/G	50	1.4D			6spf	20spm	60°
2313385	24g DP St HNS	HSC	L/G	50	1.4D			6spf	20spm	60°
2315510	26g DP St RDX	HSC	L/G	50	1.4D	3 3/8" 4"	86mm 102mm	4spf	13spm	90°
2314659	26g DP St HMX	HSC	L/G	50	1.4D			5spf	16.5spm	60°
2315512	26g DP St HNS	HSC	L/G	50	1.4D			6spf (L)	20spm (L)	60°
2314423	32g DP1 St RDX	HSC	L/G	50	1.4D	3 3/8" 4" 4 1/2"	86mm 102mm 114mm	4spf	13spm	90°
2314424	32g DP1 St HMX	HSC	L/G	50	1.4D			5spf	16.5spm	60°
2314425	32g DP1 St HNS	HSC	L/G	50	1.4D			5spf	16.5spm	60°
2313275	32g DP2 St RDX	HSC	L/G	50	1.4D	3 3/8" 4" 4 1/2"	86mm 102mm 114mm	4spf	13spm	90°
2313276	32g DP2 St HMX	HSC	L/G	50	1.4D			5spf	16.5spm	60°
2313277	32g DP2 St HNS	HSC	L/G	50	1.4D			5spf	16.5spm	60°

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Shaped Charges DYNAWELL Selection Char Deep Penetrating Steel continued

Part No.	Description Shaped Charge DW	Application	Liquid/ Gas	Package Size	Classification	Gun Size		Shot Density		Phasing
						in	mm	spf	spm	
2315470	39g DP St RDX	HSC	L/G	50	1.4D	4 ½" 7"	114mm 178mm	5spf(L)	16.5spm	60°
2314650	39g DP St HMX	HSC	L/G	50	1.4D			12spf	39spm	135°
2315471	39g DP St HNS	HSC	L/G	50	1.4D			5spf(L)	16.5spm	60°
2317311	39g DP2 St RDX	HSC	L/G	32	1.4D	4 ½" 7"	114mm 178mm	12spf	39spm	135°
2317312	39g DP2 St HMX	HSC	L/G	32	1.4D			5spf(L)	16.5spm	60°
2317313	39g DP2 St HNS	HSC	L/G	32	1.4D			12spf	39spm	135°

HSC : Hollow Steel Carrier
TTG : Through Tubing Gun
St : Steel Charge Case
Zn : Zinc Charge Case
* : Available on Request

Deep Penetrating Zinc

Part No.	Description Shaped Charge DW	Application	Liquid/ Gas	Package Size	Classification	Gun Size		Shot Density		Phasing
						in	mm	spf	spm	
2313288	15g DP Zn RDX	HSC	L/G	50	1.4D	2 ¾" (L) 2 7/8" 4 ½"	70mm 73mm 114mm	4spf (L)	13spm (L)	90°
2313289	15g DP Zn HMX	HSC	L/G	50	1.4D			6spf (L)	20spm (L)	60°
								4spf	13spm	90°
2810281	22.7g DP Zn RDX	HSC	L/G	50	1.4D	3 3/8" 4"	86mm 102mm	6spf	20spm	60°
2313329	22.7g DP Zn HMX	HSC	L/G	50	1.4D			4spf	13spm	90°
2313386	24g DP Zn RDX	HSC	L/G	50	1.4D			6spf	20spm	60°
2313387	24g DP Zn HMX	HSC	L/G	50	1.4D	3 3/8"	86mm	4spf	13spm	90°
								6spf	20spm	60°



**Shaped Charges DYNAWELL Selection Charts
Deep Penetrating Zinc continued**

Part No.	Description Shaped Charge DW	Application	Liquid/ Gas	Package Size	Classification	Gun Size		Shot Density		Phasing
						in	mm	spf	spm	
2314426	32g DP1 Zn RDX	HSC	L/G	50	1.4D	3 3/8" 4" (L) 4 1/2"	86mm 102mm (L) 114mm	4spf	13spm	90°
2314427	32g DP1 Zn HMX	HSC	L/G	50	1.4D			5spf (L)	16.5spm (L)	60°
								5spf	16.5spm	60°
2313278	32g DP2 Zn RDX	HSC	L/G	50	1.4D	3 3/8" 4" (L) 4 1/2"	86mm 102mm (L) 114mm	4spf	13spm	90°
2313279	32g DP2 Zn HMX	HSC	L/G	50	1.4D			5spf (L)	16.5spm (L)	60°
								5spf	16.5spm	60°

HSC : Hollow Steel Carrier	TTG : Through Tubing Gun	St : Steel Charge Case	Zn : Zinc Charge Case	* : Available on Request
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Shaped Charges DYNAWELL Selection Charts Reactive Liner Technology

Part No.	Description Shaped Charge DW	Application	Liquid/ Gas	Package Size	Classification	Gun Size		Shot Density		Phasing
						in	mm	spf	spm	
2317146	3.6g DPEX St RDX	HSC	L/G	50	1.4D	1 9/16"	40mm	4spf 6spf	13spm 20spm	90° 60°
2317147	3.6g DPEX St HMX	HSC	L/G	50	1.4D					
2317148	3.6g DPEX St HNS	HSC	L/G	50	1.4D					
2317150	6.5g DPEX St RDX	HSC	L/G	50	1.4D	2"	51mm	4spf 6spf	13spm 20spm	90° 60°
2317151	6.5g DPEX St HMX	HSC	L/G	50	1.4D					
2317152	6.5g DPEX St HNS	HSC	L/G	50	1.4D					
2323270	11g DPEX St RDX	HSC	L/G	50	1.4D	2 1/2"	63.5mm	6spf	20spm	60°
2323271	11g DPEX St HMX	HSC	L/G	50	1.4D					
2323272	11g DPEX St HNS	HSC	L/G	50	1.4D					
2317133	15g DPEX St RDX	HSC	L/G	50	1.4D	2 3/4" 2 7/8" 4 1/2"	70mm 73mm 114mm	4spf	13spm	90°
2317134	15g DPEX St HMX	HSC	L/G	50	1.4D			6spf	20spm	60°
2317135	15g DPEX St HNS	HSC	L/G	50	1.4D			6spf	20spm	60°
2317135	15g DPEX St HNS	HSC	L/G	50	1.4D			12spf	39spm	135°
2317466	20g DPEX St RDX	HSC	L/G	50	1.4D	3 1/8" 3 3/8" 4" 4 1/2"	79mm 86mm 102mm 114mm	6spf	20spm	60°
2317467	20g DPEX St HMX	HSC	L/G	50	1.4D			4spf	13spm	90°
2317467	20g DPEX St HMX	HSC	L/G	50	1.4D			6spf	20spm	60°
2317468	20g DPEX St HNS	HSC	L/G	50	1.4D			6spf	20spm	60°
2317468	20g DPEX St HNS	HSC	L/G	50	1.4D			12spf	39spm	135°
2317005	23g DPEX St RDX	HSC	L/G	50	1.4D	3 3/8" 4" 4 1/2"	86mm 102mm 114mm	4spf	13spm	90°
2317005	23g DPEX St RDX	HSC	L/G	50	1.4D			6spf	20spm	60°
2317006	23g DPEX St HMX	HSC	L/G	50	1.4D			6spf	20spm	60°
2317096	23g DPEX St HNS	HSC	L/G	50	1.4D			6spf	20spm	60°
2317007	26g DPEX St RDX	HSC	L/G	50	1.4D	3 3/8" 4"	86mm 102mm	4spf	13spm	90°
2317008	26g DPEX St HMX	HSC	L/G	50	1.4D			5spf	16.5spm	60°
2317008	26g DPEX St HMX	HSC	L/G	50	1.4D			6spf (L)	20spm (L)	60°
2317095	26g DPEX St HNS	HSC	L/G	50	1.4D			6spf	20spm	60°



Shaped Charges DYNAWELL Selection Charts Reactive Liner Technology continued

Part No.	Description Shaped Charge DW	Application	Liquid/ Gas	Package Size	Classification	Gun Size		Shot Density		Phasing
						in	mm	spf	spm	
2317128	39g DPEX St RDX	HSC	L/G	50	1.4D	4 ½" 7"	114mm 178mm	5spf(L)	16.5spm	60°
2317129	39g DPEX St HMX	HSC	L/G	50	1.4D			12spf	39spm	135°
2317130	39g DPEX St HNS	HSC	L/G	50	1.4D			5spf(L)	16.5spm	60°
2317469	39g DPEX2 St RDX	HSC	L/G	32	1.4D	4 ½" 7"	114mm 178mm	5spf(L)	16.5spm	60°
2317470	39g DPEX2 St HMX	HSC	L/G	32	1.4D			12spf	39spm	135°
2317471	39g DPEX2 St HNS	HSC	L/G	32	1.4D			5spf(L)	16.5spm	60°

HSC : Hollow Steel Carrier	TTG : Through Tubing Gun	St : Steel Charge Case	Zn : Zinc Charge Case	* : Available on Request
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Shaped Charges DYNAWELL Selection Charts Good Hole

Part No.	Description Shaped Charge DW	Application	Liquid/ Gas	Package Size	Classification	Gun Size		Shot Density		Phasing
						in	mm	spf	spm	
2323425	22.7g GH St RDX	HSC	L/G	50	1.4D	3 3/8" 4" 4 1/2"	86mm 102mm 114mm	4spf	13spm	90°
2323426	22.7g GH St HMX	HSC	L/G	50	1.4D			6spf	20spm	60°
2323428	22.7g GH St HNS	HSC	L/G	50	1.4D			12spf	39spm	135°
2316418	23g GH St RDX	HSC	L/G	50	1.4D	3 3/8" 4"	86mm 102mm	4spf	13spm	90°
2316423	23g GH St HMX	HSC	L/G	50	1.4D			6spf	20spm	60°
2316655	26g GH St RDX	HSC	L/G	50	1.4D	3 3/8"	86mm	4spf	13spm	60°
2316325	26g GH St HMX	HSC	L/G	50	1.4D					
2317083	26g GH St HNS	HSC	L/G	50	1.4D					
*	50g GH St RDX	HSC	L	26	1.4D	7"	178mm	12spf	39spm	135°
2316715	50g GH St HMX	HSC	L	26	1.4D					
*	50g GH St HNS	HSC	L	26	1.4D					

Good Hole Reactive Liner Technology

Part No.	Description Shaped Charge DW	Application	Liquid/ Gas	Package Size	Classification	Gun Size		Shot Density		Phasing
						in	mm	spf	spm	
2316716	23g GH DPEX St RDX	HSC	L/G	50	1.4D	3 3/8" 4"	86mm 102mm	4spf	13spm	90°
2316717	23g GH DPEX St HMX	HSC	L/G	50	1.4D			6spf	20spm	60°
2317153	23g GH DPEX St HNS	HSC	L/G	50	1.4D			6spf	20spm	60°
2317154	26g GH DPEX St RDX	HSC	L/G	50	1.4D	3 3/8"	86mm	4spf	13spm	60°
2317155	26g GH DPEX St HMX	HSC	L/G	50	1.4D					
2317156	26g GH DPEX St HNS	HSC	L/G	50	1.4D					



Shaped Charges DYNAWELL Selection Charts Big Hole Steel

Part No.	Description Shaped Charge DW	Application	Liquid/ Gas	Package Size	Classification	Gun Size		Shot Density		Phasing
						in	mm	spf	spm	
2317382	6.5g BH St RDX	HSC	L/G	50	1.4D	2"	51mm	4spf 6spf	13spm 20spm	90° 60°
2317383	6.5g BH St HMX	HSC	L/G	50	1.4D					
2317385	6.5g BH St HNS	HSC	L/G	50	1.4D					
2317320	15g BH St RDX	HSC	L/G	50	1.4D	2 3/4" 2 7/8" 4 1/2"	70mm 73mm 114mm	4spf 6spf	13spm 20spm	90° 60°
2317321	15g BH St HMX	HSC	L/G	50	1.4D			4spf 6spf	13spm 20spm	90° 60°
2317322	15g BH St HNS	HSC	L/G	50	1.4D			12spf	39spm	135°
2317304	15g BH2 St RDX	HSC	L/G	50	1.4D	2 3/4" 2 7/8" 4 1/2"	70mm 73mm 114mm	4spf 6spf	13spm 20spm	90° 60°
2317305	15g BH2 St HMX	HSC	L/G	50	1.4D			4spf 6spf	13spm 20spm	90° 60°
*	15g BH2 St HNS	HSC	L/G	50	1.4D			12spf	39spm	135°
2313330	22.7g BH St RDX	HSC	L/G	50	1.4D	3 3/8" 4" 4 1/2"	86mm 102mm 114mm	4spf 6spf	13spm 20spm	90° 60°
2313331	22.7g BH St HMX	HSC	L/G	50	1.4D			6spf	20spm	60°
2313332	22.7g BH St HNS	HSC	L/G	50	1.4D			12spf	39spm	135°
2316714	22.7g BH2 St RDX	HSC	L/G	50	1.4D	3 3/8" 4" 4 1/2"	86mm 102mm 114mm	4spf 6spf	13spm 20spm	90° 60°
2317023	22.7g BH2 St HMX	HSC	L/G	50	1.4D			6spf	20spm	60°
*	22.7g BH2 St HNS	HSC	L/G	50	1.4D			12spf	39spm	135°
2317017	23g BH St RDX	HSC	L/G	50	1.4D	3 3/8" 4" 4 1/2"	86mm 102mm 114mm	4spf 6spf	13spm 20spm	90° 60°
2317020	23g BH St HMX	HSC	L/G	50	1.4D			6spf	20spm	60°
2317082	23g BH St HNS	HSC	L/G	50	1.4D			12spf	39spm	135°
2314544	32g BH St RDX	HSC	L/G	50	1.4D	3 3/8" 4" 4 1/2"	86mm 102mm 114mm	4spf	13spm	90°
2314545	32g BH St HMX	HSC	L/G	50	1.4D			5spf	16.5spm	60°
2314546	32g BH St HNS	HSC	L/G	50	1.4D			5spf	16.5spm	60°



Shaped Charges DYNAWELL Selection Chart
Big Hole Steel continued

Part No.	Description Shaped Charge DW	Application	Liquid/ Gas	Package Size	Classification	Gun Size		Shot Density		Phasing
						in	mm	spf	spm	
2315474	61g BH St RDX	HSC	L/G	40	1.4D	7"	178mm	12spf	39spm	135°
2315475	61g BH St HMX	HSC	L/G	40	1.4D					
2315476	61g BH St HNS	HSC	L/G	40	1.4D					

HSC : Hollow Steel Carrier TTG : Through Tubing Gun St : Steel Charge Case Zn : Zinc Charge Case * : Available on Request

Big Hole Zinc

Part No.	Description Shaped Charge DW	Application	Liquid/ Gas	Package Size	Classification	Gun Size		Shot Density		Phasing
						in	mm	spf	spm	
2313333	22.7g BH Zn RDX	HSC	L/G	50	1.4D	3 3/8" 4" 4 1/2"	86mm 102mm 114mm	4spf	13spm	90°
2313334	22.7g BH Zn HMX	HSC	L/G	50	1.4D			6spf	20spm	60°
								12spf	39spm	135°
2315472	61g BH Zn RDX	HSC	L	40	1.4D	7"	178mm	12spf	39spm	135°
2315473	61g BH Zn HMX	HSC	L	40	1.4D					

HSC : Hollow Steel Carrier TTG : Through Tubing Gun St : Steel Charge Case Zn : Zinc Charge Case * : Available on Request



Shaped Charges DYNAWELL Selection Chart Deep Penetrating Through Tubing

Part No.	Description Shaped Charge DW	Application	Liquid/ Gas	Package Size	Classification	Gun Size		Shot Density		Phasing
						in	mm	spf	spm	
2314652	8g DP TTG Strip St RDX	TTG	L/G	50	1.4D	1 11/16"	43mm	4spf	13spm	0°
2314653	8g DP TTG Strip St HMX	TTG	L/G	50	1.4D			6spf	20spm	0°
2315451	8g DP TTG Strip Zn RDX	TTG	L/G	50	1.4D	1 11/16"	43mm	4spf	13spm	0°
2315452	8g DP TTG Strip Zn HMX	TTG	L/G	50	1.4D			6spf	20spm	0°
2810653	13g DP TTG Strip St RDX	TTG	L/G	50	1.4D	2 1/8"	54mm	4spf	13spm	0°
2810661	13g DP TTG Strip St HMX	TTG	L/G	50	1.4D			6spf	20spm	0°
2317314	8g DPEX TTG Strip St RDX	TTG	L/G	50	1.4D	1 11/16"	43mm	4spf	13spm	0°
2317315	8g DPEX TTG Strip St HMX	TTG	L/G	50	1.4D			6spf	20spm	0°
2317317	13g DPEX TTG Strip St RDX	TTG	L/G	50	1.4D	2 1/8"	54mm	4spf	13spm	0°
2317318	13g DPEX TTG Strip St HMX	TTG	L/G	50	1.4D			6spf	20spm	0°
2315336	8g DP TTG Link St RDX	TTG	L/G	50	1.4D	1 11/16"	43mm	4spf	13spm	0°
2315335	8g DP TTG Link St HMX	TTG	L/G	50	1.4D					60°
2315455	8g DP TTG Link Zn RDX	TTG	L/G	50	1.4D	1 11/16"	43mm	4spf	13spm	90°
2315457	8g DP TTG Link Zn HMX	TTG	L/G	50	1.4D					180°

HSC : Hollow Steel Carrier	TTG : Through Tubing Gun	St : Steel Charge Case	Zn : Zinc Charge Case	* : Available on Request
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Shaped Charges DYNAWELL Selection Charts Deep Penetrating Through Tubing continued

Part No.	Description Shaped Charge DW	Application	Liquid/ Gas	Package Size	Classification	Gun Size		Shot Density		Phasing
						in	mm	spf	spm	
2314641	8g DP TTG Link St RDX	TTG	L/G	50	1.4D	1 11/16"	43mm	6spf	20spm	0°
2314643	8g DP TTG Link St HMX	TTG	L/G	50	1.4D					60°
2315458	8g DP TTG Link St RDX	TTG	L/G	50	1.4D	1 11/16"	43mm	6spf	20spm	90°
2315459	8g DP TTG Link St HMX	TTG	L/G	50	1.4D					180°
2810554	13g DP TTG Link St RDX	TTG	L/G	50	1.4D	2 1/8"	54mm	4spf	13spm	0°
2313321	13g DP TTG Link St HMX	TTG	L/G	50	1.4D					60°
2313322	13g DP TTG Link St RDX	TTG	L/G	50	1.4D	2 1/8"	54mm	6spf	20spm	90°
2313323	13g DP TTG Link St HMX	TTG	L/G	50	1.4D					180°

HSC : Hollow Steel Carrier	TTG : Through Tubing Gun	St : Steel Charge Case	Zn : Zinc Charge Case	* : Available on Request
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