

Reduced Shank

1/2" Reduced Shank Silver & Deming (continued) Styles 190, 190F

DRILLS

REAMERS

OTHER TOOLS

SETS

INDEX

INCH SETS

Sets in Various Cases

Number of Tools	Size Range	Case Style	Style 190	Style 190F
			Round	Flatted
8	9/16 - 1 X 1/16	plastic	57840	69860
8	9/16 - 1 X 1/16	metal	69857	69859
16	17/32 - 1 X 1/32	pouch	69890	69849
33	1/2 - 1 X 1/64	metal stand	69858	69848



Set 69859

1/4" Reduced Shank Silver & Deming Style 239

Features/Benefits:

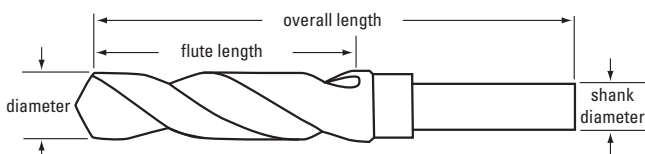
- General-purpose drills with 1/4" reduced round shank.
- Manufactured from high-speed steel.
- 118° point.
- Ideal for portable drilling due to increased rigidity.
- Black oxide finish standard from stock.

Application Information:

- wood
- sheet metal
- aluminum
- mild steels
- Ideal for use in portable electric drills where chuck capacity is 1/4".

Surface Treatment Information:

- Black oxide surface finish increases wear resistance and adds lubricity, improving chip flow.



Style 239 Black Oxide

INCH SIZES

Fract	Drill Diameter		Shank Diameter		Overall Length		Flute Length		Style 239 black oxide
	Decimal	mm	Inch	mm	Inch	mm	inch	mm	
1/4	.2500	6.35	.2500	6.35	2.5000	63.50	1.3750	34.93	56316
5/16	.3125	7.94	.2500	6.35	2.8125	71.44	1.3750	34.93	56320
3/8	.3750	9.53	.2500	6.35	3.1250	79.38	1.6875	42.86	56324
7/16	.4375	11.11	.2500	6.35	3.4375	87.31	2.0000	50.80	56328
1/2	.5000	12.70	.2500	6.35	3.7500	95.25	2.2500	57.15	56332

INCH SETS

Sets in Metal Case

Number of Tools	Size Range	Case Style	Style 239
			Round
5	1/4 - 1/2 X 1/16	metal	56340