

## GUHRING

## DRILLS

## Series # 219 (D)

HSS High Helix (Type W), taper length, 130° point, standard straight shank, bright

EDP Number	Diameter				List Price	
	mm	decimal inch	fraction inch	wire/letter	Pkg. Qty.	per piece
9002190034000	3.400	0.1339			10	7.92
9002190034500	3.450	0.1358		29	10	9.21
9002190035000	3.500	0.1378			10	6.36
9002190035500	3.550	0.1398			10	8.22
9002190036000	3.600	0.1417			10	7.92
9002190036500	3.650	0.1437			10	11.65
9002190037000	3.700	0.1457			10	7.92
9002190037500	3.750	0.1476			10	6.68
9002190038000	3.800	0.1496		25	10	8.49
9002190039000	3.900	0.1535			10	8.49
9002190040000	4.000	0.1575			10	7.01
9002190041000	4.100	0.1614			10	8.49
9002190041500	4.150	0.1634			10	11.71
9002190042000	4.200	0.1654			10	8.49
9002190042500	4.250	0.1673			10	8.93
9002190043000	4.300	0.1693		18	10	9.97
9002190044000	4.400	0.1732			10	9.97
9002190045000	4.500	0.1772		16	10	8.49
9002190046000	4.600	0.1811			10	9.97
9002190047000	4.700	0.1850		13	10	10.62
9002190048000	4.800	0.1890		12	10	10.62
9002190049000	4.900	0.1929			10	10.62
9002190050000	5.000	0.1969			10	8.69
9002190051000	5.100	0.2008			10	11.07
9002190052000	5.200	0.2047			10	11.07
9002190053000	5.300	0.2087			10	10.88
9002190054000	5.400	0.2126			10	11.78
9002190055000	5.500	0.2165			10	10.41
9002190056000	5.600	0.2205			10	12.81
9002190057000	5.700	0.2244			10	13.64
9002190058000	5.800	0.2283			10	13.64
9002190059000	5.900	0.2323			10	13.64
9002190060000	6.000	0.2362			10	10.94
9002190061000	6.100	0.2402			10	16.33
9002190062000	6.200	0.2441			10	17.36
9002190062500	6.250	0.2461		D	10	19.16
9002190063000	6.300	0.2480			10	17.36
9002190064000	6.400	0.2520			10	17.36
9002190065000	6.500	0.2559			10	13.19
9002190066000	6.600	0.2598			10	18.34
9002190067000	6.700	0.2638			10	18.34
9002190068000	6.800	0.2677			5	19.44
9002190069000	6.900	0.2717		I	5	19.44
9002190070000	7.000	0.2756			5	16.42
9002190071000	7.100	0.2795			5	21.55
9002190072000	7.200	0.2835			5	21.55
9002190073000	7.300	0.2874			5	21.55
9002190074000	7.400	0.2913			5	21.55
9002190075000	7.500	0.2953			5	19.44
9002190077000	7.700	0.3031			5	23.54
9002190078000	7.800	0.3071			5	23.54
9002190079000	7.900	0.3110			5	23.54
9002190080000	8.000	0.3150			5	17.50
9002190080500	8.050	0.3169			5	30.05
9002190081000	8.100	0.3189			5	23.54
9002190082000	8.200	0.3228		P	5	23.54
9002190083000	8.300	0.3268			5	23.54
9002190084000	8.400	0.3307			5	23.98
9002190085000	8.500	0.3346			5	22.58
9002190085500	8.550	0.3366			5	25.54
9002190086000	8.600	0.3386			5	23.98
9002190087000	8.700	0.3425			5	25.28
9002190088000	8.800	0.3465			5	25.28

## Series # 219 (D)

HSS High Helix (Type W), taper length, 130° point, standard straight shank, bright

EDP Number	Diameter				List Price	
	mm	decimal inch	fraction inch	wire/letter	Pkg. Qty.	per piece
9002190089000	8.900	0.3504			5	25.28
9002190090000	9.000	0.3543			5	22.12
9002190091000	9.100	0.3583			5	31.71
9002190092000	9.200	0.3622			5	33.52
9002190095000	9.500	0.3740			5	30.94
9002190097000	9.700	0.3819			5	43.24
9002190098000	9.800	0.3858		W	5	43.24
9002190100000	10.000	0.3937			5	25.94
9002190102000	10.200	0.4016			5	42.33
9002190105000	10.500	0.4134			5	44.84
9002190108000	10.800	0.4252			1	64.01
9002190110000	11.000	0.4331			1	36.80
9002190115000	11.500	0.4528			1	62.99
9002190120000	12.000	0.4724			1	49.72
9002190125000	12.500	0.4921			1	53.26
9002190130000	13.000	0.5118			1	53.26
9002190131000	13.100	0.5157	33/64		1	112.08
9002190140000	14.000	0.5512			1	81.33
9002190145000	14.500	0.5709			1	116.83
9002190150000	15.000	0.5906			1	102.62
9002190160000	16.000	0.6299			1	114.26
9002190170000	17.000	0.6693			1	122.94
9002190180000	18.000	0.7087			1	127.83
9002190190000	19.000	0.7480			1	141.47
9002190200000	20.000	0.7874			1	153.89

GUHRING Select  
Series # 223 (DVHS)

HSS general purpose (Type N), stub length, 118° point, standard straight shank, steam oxide

EDP Number	Diameter				List Price	
	mm	decimal inch	fraction inch	wire/letter	Pkg. Qty.	per piece
9002230004000	0.400	0.0157	1/64		10	9.00
9002230005000	0.500	0.0197			10	8.80
9002230005500	0.550	0.0217			10	14.67
9002230006000	0.600	0.0236			10	10.21
9002230006500	0.650	0.0256			10	14.67
9002230006600	0.660	0.0260		71	10	9.00
9002230007000	0.700	0.0276			10	10.21
9002230007200	0.720	0.0283			10	15.60
9002230007500	0.750	0.0295			10	10.21
9002230007900	0.790	0.0311	1/32	68	10	7.00
9002230008000	0.800	0.0315			10	6.80
9002230008200	0.820	0.0323			10	14.67
9002230008900	0.890	0.0350		65	10	8.00
9002230009000	0.900	0.0354			10	6.80
9002230009500	0.950	0.0374			10	8.80
9002230009800	0.980	0.0386			10	14.67
9002230010000	1.000	0.0394			10	3.90
9002230010200	1.020	0.0402			10	2.77
9002230010400	1.040	0.0409		59	10	2.77
9002230010500	1.050	0.0413			10	7.88
9002230010700	1.070	0.0421		58	10	2.77
9002230010900	1.090	0.0429		57	10	2.77
9002230011000	1.100	0.0433			10	3.90
9002230011500	1.150	0.0453			10	7.59
9002230011800	1.180	0.0465		56	10	2.77
9002230011900	1.190	0.0469	3/64		10	3.08
9002230012000	1.200	0.0472			10	3.90
9002230012500	1.250	0.0492			10	7.59
9002230012600	1.260	0.0496			10	12.85
9002230012800	1.280	0.0504			10	12.85
9002230013000	1.300	0.0512			10	3.90