



## Jobber Length (5xD) Drills

Series	305	308	5519	605	657	622	658	2458	1132	530	2464
Length	5xD	5xD (LH)	5xD	5xD	5xD	5xD	5xD	5xD	5xD	5xD	5xD
Shank											
Style	N	N	GU500DZ	Ti	Ti	GT100	GT100	Ti	GT80	GT500DZ	N
Point Angle	118°	118°	118°	130°	130°	130°	130°	130°	130°	130°	118°
Coolant Fed											
Substrate	Cobalt	Cobalt	Cobalt	Cobalt	Cobalt	Cobalt	Cobalt	Cobalt	Cobalt	PM-Cobalt	Carbide
Surface Finish											
Unalloyed case hardened steels			✓		✓		✓	✓	✓	✓	✓
Alloyed case hardened steels			✓		✓		✓	✓	✓	✓	✓
Alloyed heat-treatable steels	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Nitriding steels	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Size Range (mm)	0.20 - 20.00	0.48 - 12.70	1.00 - 14.29	0.30 - 19.05	0.50 - 13.00	1.00 - 13.00	1.00 - 13.00	4.00 - 15.00	5.00 - 20.00	1.00 - 14.29	1.00 - 12.70
Sizes page	115	119	265	157	181	168	183	220	205	141	224

Material group	Examples
Unalloyed case hardened steels	1005, 1006, 1008, 1009, 1010, 1011, 1012, 1013, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1025, 1026, 1029, 1030, 1033, 1035, 1037, 1038, 1039, 1040, 1042, 1043, 1044, 1045, 1046, 1049, 1050, 1053, 1055, 1059, 1060, 1064, 1065, 1069, 1070, 1071, 1074, 1075, 1078, 1080, 1084, 1085, 1086, 1090, 1095
Alloyed case hardened steels	2317, 2512, 2515, 2517, 3115, 3120, 3215, 3220, 3312, 3316, 3325, 4012, 4023, 4024, 4027, 4028, 4118, 4119, 4125, 4317, 4320, 4419, 4422, 4427, 4608, 4615, 4617, 4620, 4621, 4626, 4718, 4720, 4815, 4817, 4820, 5015, 5115, 5117, 5120, 6115, 6118, 6120, 6125, 8115, 8615, 8617, 8620, 8622, 8625, 8627, 8720, 8822, 9310, 9315, 9317
Alloyed heat-treatable steels	1330, 1335, 1340, 1345, 2340, 3140, 3145, 3150, 3230, 3240, 3335, 3340, 3435, 3450, 4032, 4037, 4063, 4130, 4135, 4137, 4140, 4142, 4145, 4147, 4150, 4161, 4337, 4340, 4640, 5045, 5046, 5060, 5130, 5132, 5135, 5140, 5145, 5157, 5150, 5155, 5160, 6130, 6135, 6140, 6145, 6150, 7140, 6145, 6150, 7140, 8630, 8632, 8635, 8637, 8640, 8642, 8645, 8650, 8650, 8660, 8735, 8740, 8742, 9250, 9254, 9255, 9260, 9262, 9840, 9850
Nitriding steels	1132, 1137, 1138, 1139, 1140, 1141, 1144, 1145, 1146, 1151

