

# HSS / Cobalt Drills

## Jobber Length Drills



SERIES	205	208	651	664	206	207	549	550	652	305	308	605	657	2458
Style	N	N (LH)	N	N (LH)	H	W	GT100	GT100(LH)	GT100	N	N (LH)	Ti	Ti	Ti
Point Angle	118°	118°	118°	118°	118°	130°	130°	130°	130°	118°	118°	130°	130°	130°
Length	Jobber	Jobber	Jobber	Jobber	Jobber	Jobber	Jobber	Jobber	Jobber	Jobber	Jobber	Jobber	Jobber	Jobber
Shank														
Coolant														
Substrate	HSS	HSS	HSS	HSS	HSS	HSS	HSS	HSS	HSS	Cobalt	Cobalt	Cobalt	Cobalt	Cobalt
Surface Finish														
Std. Dia. Range mm	0.200 - 20.000	0.240 - 16.000	0.200 - 19.000	0.400 - 10.200	0.200 - 20.000	0.200 - 20.000	0.600 - 16.000	1.000 - 12.700	1.000 - 16.000	0.200 - 20.000	0.480 - 12.700	0.300 - 19.050	0.500 - 13.000	0.400 - 15.000
Std. Dia. Range In.	0.0079 - 0.7874	0.0094 - 0.6299	0.0079 - 0.7480	0.0157 - 0.4016	0.0079 - 0.7874	0.0079 - 0.7874	0.0236 - 0.6299	0.0394 - 0.5000	0.0394 - 0.6299	0.0079 - 0.7874	0.0189 - 0.5000	0.0118 - 0.7500	0.0197 - 0.5118	0.0157 - 0.5906
Catalog Page	71	82	170	188	76	79	146	149	174	115	119	157	181	220
Tech Data Page	424	425	446	450	424	425	440	441	447	432	432	443	448	463

## Stub Length Drills



SERIES	223	226	653	224	225	552	553	329	610	659	5524	5520	5521	515
Style	N	N (LH)	N	H	W	GT80	GT80 (LH)	GV120	Ti	GV120	GU500DZ	GU500DZ	GT500DZ	GT500DZ
Point Angle	118°	118°	118°	118°	130°	130°	130°	130°	130°	130°	118°	118°	130°	130°
Length	Stub	Stub	Stub	Stub	Stub	Stub	Stub	Stub	Stub	Stub	Stub	Stub	Stub	Stub
Shank														
Coolant														
Substrate	HSS	HSS	HSS	HSS	HSS	HSS	HSS	Cobalt	Cobalt	Cobalt	Cobalt	Cobalt	PM-Cobalt	PM-Cobalt
Surface Finish														
Std. Dia. Range mm	0.400 - 31.750	0.500 - 44.450	0.500 - 28.500	0.900 - 22.000	1.000 - 20.000	1.000 - 20.000	1.000 - 20.000	0.400 - 25.400	1.000 - 14.290	0.500 - 15.500	1.000 - 14.290	1.000 - 14.290	1.000 - 14.000	1.000 - 14.290
Std. Dia. Range In.	0.0157 - 1.2500	0.0197 - 1.7500	0.0197 - 1.1220	0.0354 - 0.8661	0.0394 - 0.7874	0.0394 - 0.7874	0.0394 - 0.7874	0.0157 - 1.0000	0.0394 - 0.5626	0.0197 - 0.6102	0.0394 - 0.5626	0.0394 - 0.5626	0.0394 - 0.5512	0.0394 - 0.5626
Catalog Page	90	98	176	94	96	152	155	123	162	185	275	267	269	136
Tech Data Page	427	428	447	427	428	442	442	433	444	449	487	485	485	437



bright



steam oxide



nitrided lands



nitrided



TiN