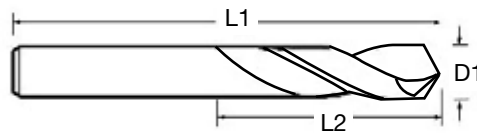




High Speed Steel Drills

HSS parallel shank twist drill - Stub series



Size (D1)		Flute Length (L2)	Overall Length (L1)	EDP No
mm	inch			
1.00		6	26	FBR0200313
1.10		7	28	FBR0200314
1.19	3/64"	8	30	FBR0200940
1.20		8	30	FBR0200315
1.30		8	30	FBR0200316
1.40		9	32	FBR0200317
1.50		9	32	FBR0200318
1.59	1/16"	10	34	FBR0200941
1.60		10	34	FBR0200319
1.70		10	34	FBR0200320
1.80		11	36	FBR0200321
1.90		11	36	FBR0200322
1.98	5/64"	12	38	FBR0200942
2.00		12	38	FBR0200323
2.10		12	38	FBR0200324
2.20		13	40	FBR0200325
2.30		13	40	FBR0200326
2.38	3/32"	14	43	FBR0200943
2.40		14	43	FBR0200327
2.50		14	43	FBR0200328
2.60		14	43	FBR0200329
2.70		16	46	FBR0200330
2.78	7/64"	16	46	FBR0200944
2.80		16	46	FBR0200331
2.90		16	46	FBR0200332
3.00		16	46	FBR0200333
3.10		18	49	FBR0200334
3.18	1/8"	18	49	FBR0200450
3.20		18	49	FBR0200335
3.30		18	49	FBR0200336

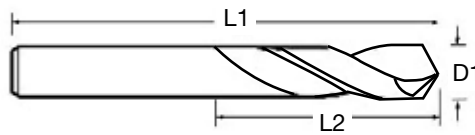
Size (D1)		Flute Length (L2)	Overall Length (L1)	EDP No
mm	inch			
3.40		20	52	FBR0200337
3.50		20	52	FBR0200338
3.57	9/64"	20	52	FBR0200451
3.60		20	52	FBR0200339
3.70		20	52	FBR0200340
3.80		22	55	FBR0200341
3.90		22	55	FBR0200342
3.97	5/32"	22	55	FBR0200452
4.00		22	55	FBR0200343
4.10		22	55	FBR0200344
4.20		22	55	FBR0200345
4.30		24	58	FBR0200346
4.37	11/64"	24	58	FBR0200453
4.40		24	58	FBR0200347
4.50		24	58	FBR0200348
4.60		24	58	FBR0200349
4.70		24	58	FBR0200350
4.76	3/16	26	62	FBR0200454
4.80		26	62	FBR0200351
4.90		26	62	FBR0200352
5.00		26	62	FBR0200353
5.10		26	62	FBR0200354
5.16	13/64	26	62	FBR0200456
5.20		26	62	FBR0200355
5.30		26	62	FBR0200356
5.40		28	66	FBR0200357
5.50		28	66	FBR0200358
5.56	7/32"	28	66	FBR0200945
5.60		28	66	FBR0200359
5.70		28	66	FBR0200360

HSS DRILLS



High Speed Steel Drills

HSS parallel shank twist drill - Stub series



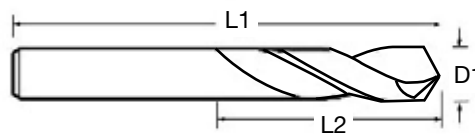
Size (D1)		Flute Length (L2)	Overall Length (L1)	EDP No
mm	inch			
5.80		28	66	FBR0200361
5.90		28	66	FBR0200362
5.95	15/64	28	66	FBR0200946
6.00		28	66	FBR0200363
6.10		31	70	FBR0200364
6.20		31	70	FBR0200365
6.30		31	70	FBR0200366
6.40		31	70	FBR0200367
6.35	1/4"	31	70	FBR0200455
6.50		31	70	FBR0200368
6.60		31	70	FBR0200369
6.70		31	70	FBR0200370
6.75	17/64	34	74	FBR0200947
6.80		34	74	FBR0200371
6.90		34	74	FBR0200372
7.00		34	74	FBR0200373
7.10		34	74	FBR0200374
7.14	9/32"	34	74	FBR0200948
7.20		34	74	FBR0200375
7.30		34	74	FBR0200376
7.40		34	74	FBR0200377
7.50		34	74	FBR0200378
7.54	19/64	37	79	FBR0200949
7.60		37	79	FBR0200379
7.70		37	79	FBR0200380
7.80		37	79	FBR0200381
7.90		37	79	FBR0200382
7.94	5/16"	37	79	FBR0200457
8.00		37	79	FBR0200383

Size (D1)		Flute Length (L2)	Overall Length (L1)	EDP No
mm	inch			
8.10		37	79	FBR0200384
8.20		37	79	FBR0200385
8.30		37	79	FBR0200386
8.33	21/64	37	79	FBR0200950
8.40		37	79	FBR0200387
8.50		37	79	FBR0200388
8.60		40	84	FBR0200389
8.70		40	84	FBR0200390
8.73	11/32"	40	84	FBR0200951
8.80		40	84	FBR0200391
8.90		40	84	FBR0200392
9.00		40	84	FBR0200393
9.10		40	84	FBR0200394
9.13	23/64	40	84	FBR0200952
9.20		40	84	FBR0200395
9.30		40	84	FBR0200396
9.40		40	84	FBR0200397
9.50		40	84	FBR0200398
9.60		43	89	FBR0200399
9.70		43	89	FBR0200400
9.52	3/8"	43	89	FBR0200458
9.80		43	89	FBR0200401
9.90		43	89	FBR0200402
9.92	25/64	43	89	FBR0200953
10.00		43	89	FBR0200403
10.10		43	89	FBR0200404
10.20		43	89	FBR0200405
10.30		43	89	FBR0200406
10.32	13/32	43	89	FBR0200954

HSS DRILLS



HSS parallel shank twist drill - Stub series



Size (D1)		Flute Length (L2)	Overall Length (L1)	EDP No
mm	inch	mm	mm	
10.40		43	89	FBR0200407
10.50		43	89	FBR0200408
10.60		43	89	FBR0200409
10.70		47	95	FBR0200410
10.72	27/64	47	95	FBR0200955
10.80		47	95	FBR0200411
10.90		47	95	FBR0200412
11.00		47	95	FBR0200413
11.10		47	95	FBR0200414
11.11	7/16"	47	95	FBR0200459
11.20		47	95	FBR0200415
11.30		47	95	FBR0200416
11.40		47	95	FBR0200417
11.50		47	95	FBR0200418
11.51	29/64	47	95	FBR0200956
11.60		47	95	FBR0200419
11.70		47	95	FBR0200420
11.80		47	95	FBR0200421
11.90		51	102	FBR0200422
11.91	15/32	51	102	FBR0200957
12.00		51	102	FBR0200423
12.10		51	102	FBR0200424
12.20		51	102	FBR0200425
12.30		51	102	FBR0200426
12.40		51	102	FBR0200427
12.50		51	102	FBR0200428
12.60		51	102	FBR0200429
12.70	1/2"	51	102	FBR0200460
12.80		51	102	FBR0200431
12.90		51	102	FBR0200432

Size (D1)		Flute Length (L2)	Overall Length (L1)	EDP No
mm	inch	mm	mm	
13.00		51	102	FBR0200433
13.50		54	107	FBR0200435
14.00		54	107	FBR0200437
14.28	9/16"	56	111	FBR0201799
14.50		56	111	FBR0200438
15.00		56	111	FBR0200439
15.50		58	115	FBR0200440
16.00		58	115	FBR0200441
16.50		60	119	FBR0200442
17.00		60	119	FBR0200443
17.50		62	123	FBR0200444
18.00		62	123	FBR0200445
18.50		64	127	FBR0200446
19.00		64	127	FBR0200447
19.50		66	131	FBR0200448
20.00		66	131	FBR0200449

1. An excellent general purpose drill with conventional 118° point angle
2. Shorter flute & overall length increases the rigidity, resulting in less deflection, better hole accuracy & longer tool life
3. Stable cutting edge
4. Better chip evacuation
5. Better hole straightness
6. Eliminated breakages
7. Operating at higher feeds
8. Ideal to use in manual hand held drilling application
9. Superior tool life