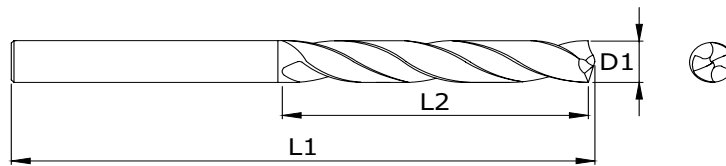




High Speed Steel Drills

HSS-E parallel shank twist drill - M35 series Black & Gold



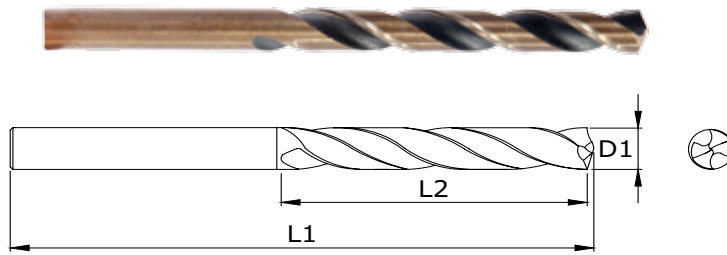
Size (D1)		Flute Length (L2)	Overall Length (L1)	EDP No
mm	inch			
1.00		12	34	FBR0201801
1.10		14	36	FBR0201802
1.19	3/64	16	38	FBR0201923
1.20		16	38	FBR0201803
1.30		16	38	FBR0201804
1.40		18	40	FBR0201805
1.50		18	40	FBR0201806
1.59	1/16	20	43	FBR0201924
1.60		20	43	FBR0201807
1.70		20	43	FBR0201808
1.80		22	46	FBR0201809
1.90		22	46	FBR0201810
1.98	5/64	24	49	FBR0201925
2.00		24	49	FBR0201811
2.10		24	49	FBR0201812
2.20		27	53	FBR0201813
2.30		27	53	FBR0201814
2.38	3/32	30	57	FBR0201926
2.40		30	57	FBR0201815
2.50		30	57	FBR0201816
2.60		30	57	FBR0201817
2.70		33	61	FBR0201818
2.78	7/64	33	61	FBR0201927
2.80		33	61	FBR0201819
2.90		33	61	FBR0201820
3.00		33	61	FBR0201821
3.10		36	65	FBR0201822
3.17	1/8	36	65	FBR0201928

Size (D1)		Flute Length (L2)	Overall Length (L1)	EDP No
mm	inch			
3.20		36	65	FBR0201823
3.30		36	65	FBR0201824
3.40		39	70	FBR0201825
3.50		39	70	FBR0201826
3.57	9/64	39	70	FBR0201929
3.60		39	70	FBR0201827
3.70		39	70	FBR0201828
3.80		43	75	FBR0201829
3.90		43	75	FBR0201830
3.97	5/32	43	75	FBR0201930
4.00		43	75	FBR0201831
4.10		43	75	FBR0201832
4.20		43	75	FBR0201833
4.30		47	80	FBR0201834
4.37	11/64	47	80	FBR0201931
4.40		47	80	FBR0201835
4.50		47	80	FBR0201836
4.60		47	80	FBR0201837
4.70		47	80	FBR0201838
4.76	3/16	52	86	FBR0201932
4.80		52	86	FBR0201839
4.90		52	86	FBR0201840
5.00		52	86	FBR0201841
5.10		52	86	FBR0201842
5.16	13/64	52	86	FBR0201933
5.20		52	86	FBR0201843
5.30		52	86	FBR0201844
5.40		57	93	FBR0201845



High Speed Steel Drills

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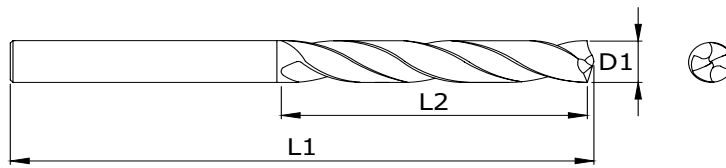
Size (D1)		Flute Length (L2)	Overall Length (L1)	EDP No
mm	inch			
5.50		57	93	FBR0201846
5.56	7/32	57	93	FBR0201934
5.60		57	93	FBR0201847
5.70		57	93	FBR0201848
5.80		57	93	FBR0201849
5.90		57	93	FBR0201850
5.95	15/64	57	93	FBR0201935
6.00		57	93	FBR0201851
6.10		63	101	FBR0201852
6.20		63	101	FBR0201853
6.30		63	101	FBR0201854
6.35	1/4	63	101	FBR0201936
6.40		63	101	FBR0201855
6.50		63	101	FBR0201856
6.60		63	101	FBR0201857
6.70		63	101	FBR0201858
6.75	17/64	69	109	FBR0201937
6.80		69	109	FBR0201859
6.90		69	109	FBR0201860
7.00		69	109	FBR0201861
7.10		69	109	FBR0201862
7.14	9/32	69	109	FBR0201938
7.20		69	109	FBR0201863
7.30		69	109	FBR0201864
7.40		69	109	FBR0201865
7.50		69	109	FBR0201866
7.54	19/64	75	117	FBR0201939
7.60		75	117	FBR0201867

Size (D1)		Flute Length (L2)	Overall Length (L1)	EDP No
mm	inch			
7.70		75	117	FBR0201868
7.80		75	117	FBR0201869
7.90		75	117	FBR0201870
7.94	5/16	75	117	FBR0201940
8.00		75	117	FBR0201871
8.10		75	117	FBR0201872
8.20		75	117	FBR0201873
8.30		75	117	FBR0201874
8.33	21/64	75	117	FBR0201941
8.40		75	117	FBR0201875
8.50		75	117	FBR0201876
8.60		81	125	FBR0201877
8.70		81	125	FBR0201878
8.73	11/32	81	125	FBR0201942
8.80		81	125	FBR0201879
8.90		81	125	FBR0201880
9.00		81	125	FBR0201881
9.10		81	125	FBR0201882
9.13	23/64	81	125	FBR0201943
9.20		81	125	FBR0201883
9.30		81	125	FBR0201884
9.40		81	125	FBR0201885
9.50		81	125	FBR0201886
9.52	3/8	87	133	FBR0201944
9.60		87	133	FBR0201887
9.70		87	133	FBR0201888
9.80		87	133	FBR0201889
9.90		87	133	FBR0201890



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Size (D1)		Flute Length (L2) mm	Overall Length (L1) mm	EDP No
mm	inch			
9.92	25/64	87	133	FBR0201945
10.00		87	133	FBR0201891
10.10		87	133	FBR0201892
10.20		87	133	FBR0201893
10.30		87	133	FBR0201894
10.32	13/32	87	133	FBR0201946
10.40		87	133	FBR0201895
10.50		87	133	FBR0201896
10.60		87	133	FBR0201897
10.70		94	142	FBR0201898
10.72	27/64	94	142	FBR0201947
10.80		94	142	FBR0201899
10.90		94	142	FBR0201900
11.00		94	142	FBR0201901
11.10		94	142	FBR0201902
11.11	7/16	94	142	FBR0201948
11.20		94	142	FBR0201903
11.30		94	142	FBR0201904
11.40		94	142	FBR0201905
11.50		94	142	FBR0201906
11.51	29/64	94	142	FBR0201949
11.60		94	142	FBR0201907
11.70		94	142	FBR0201908
11.80		94	142	FBR0201909
11.90		101	151	FBR0201910
11.91	15/32	101	151	FBR0201950
12.00		101	151	FBR0201911
12.10		101	151	FBR0201912

Size (D1)		Flute Length (L2) mm	Overall Length (L1) mm	EDP No
mm	inch			
12.20		101	151	FBR0201913
12.30		101	151	FBR0201914
12.30	31/64	101	151	FBR0201951
12.40		101	151	FBR0201915
12.50		101	151	FBR0201916
12.60		101	151	FBR0201917
12.70		101	151	FBR0201918
12.70	1/2	101	151	FBR0201952
12.80		101	151	FBR0201919
12.90		101	151	FBR0201920
13.00		101	151	FBR0201921

1. Made from premium grade High Speed Steel
2. High performance drills suitable for Production applications & also for tough Maintenance applications
3. Well suited for drilling on Stainless Steel & challenging Alloy Steel materials
4. Precision ground 135 Degree Split Point angle is Self Centring & reduces Thrust during application
5. Special Black & Gold surface treatment to increase lubricity & reduce friction
6. Stable cutting edge
7. The strong web construction provides greater strength & rigidity to the drill
8. Better chip evacuation
9. Better hole straightness
10. Eliminated breakages
11. Operating at higher feeds
12. Superior tool life

HSS DRILLS