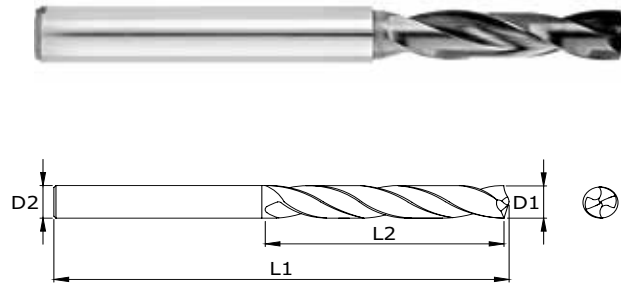


3X

Solid carbide 3X high performance drill



- P0-P6
- K1-K3
- S1-S4
- M1-M3

DRILLS

Unit : mm

Diameter	Flute Length	Overall Length	Shank Diameter	EDP No
ØD1	L2	L1	ØD2	
1.0	7	58	4	FBJ0503714
1.2	7	58	4	FBJ0503715
1.3	7	58	4	FBJ0503716
1.4	7	58	4	FBJ0503717
1.5	9	58	4	FBJ0503718
1.6	9	58	4	FBJ0503719
1.7	9	58	4	FBJ0503720
1.8	9	58	4	FBJ0503721
1.9	13	58	4	FBJ0503722
2.0	13	58	4	FBJ0503723
2.1	13	58	4	FBJ0503724
2.2	13	58	4	FBJ0503725
2.3	13	58	4	FBJ0503726
2.4	13	58	4	FBJ0503727
2.5	13	58	4	FBJ0503728
2.6	13	58	4	FBJ0503729
2.7	13	58	4	FBJ0503730
2.8	13	58	4	FBJ0503731
2.9	13	58	4	FBJ0503732
3.0	16	57	3	FBJ0501006
3.0	16	57	6	FBJ0503835
3.1	22	63	4	FBJ0501007
3.1	22	63	6	FBJ0503836
3.2	22	63	4	FBJ0501008
3.2	22	63	6	FBJ0503837
3.3	22	63	4	FBJ0501009

Diameter	Flute Length	Overall Length	Shank Diameter	EDP No
ØD1	L2	L1	ØD2	
3.3	22	63	6	FBJ0503838
3.4	22	63	4	FBJ0501010
3.4	22	63	6	FBJ0503839
3.5	22	63	4	FBJ0501011
3.5	22	63	6	FBJ0503840
3.6	22	63	4	FBJ0501012
3.6	22	63	6	FBJ0503841
3.7	22	63	4	FBJ0501013
3.7	22	63	6	FBJ0503842
3.8	22	63	4	FBJ0501014
3.8	22	63	6	FBJ0503843
3.9	22	63	4	FBJ0501015
3.9	22	63	6	FBJ0503844
4.0	22	63	4	FBJ0501016
4.0	22	63	6	FBJ0503845
4.1	26	63	5	FBJ0501017
4.1	26	63	6	FBJ0503846
4.2	26	63	5	FBJ0501018
4.2	26	63	6	FBJ0503847
4.3	26	63	5	FBJ0501019
4.3	26	63	6	FBJ0503848
4.4	26	63	5	FBJ0501020
4.4	26	63	6	FBJ0503849
4.5	26	63	5	FBJ0501021
4.5	26	63	6	FBJ0503850
4.6	26	63	5	FBJ0501022

Application data on page no 3.009

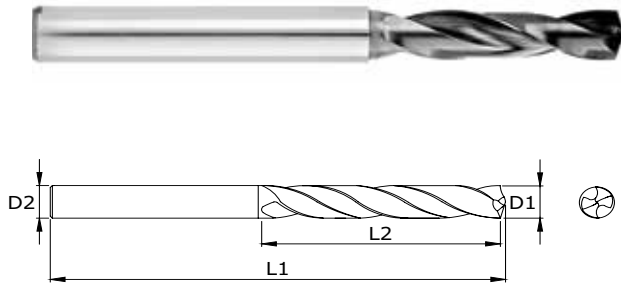


3X

Solid carbide 3X high performance drill



DRILLS



P0-P6

K1-K3

S1-S4

M1-M3

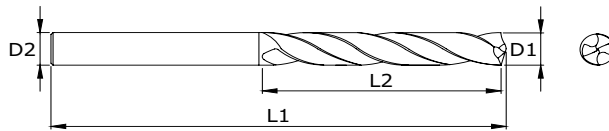
Unit : mm

Diameter	Flute Length	Overall Length	Shank Diameter	EDP No
Ø D1	L2	L1	Ø D2	
4.6	26	63	6	FBJ0503851
4.65	26	63	6	FBJ0505029
4.65	26	63	5	FBJ0505030
4.7	26	63	5	FBJ0501023
4.7	26	63	6	FBJ0503852
4.8	26	63	5	FBJ0501024
4.8	26	63	6	FBJ0503853
4.9	26	63	5	FBJ0501025
4.9	26	63	6	FBJ0503854
5.0	26	63	5	FBJ0501026
5.0	26	63	6	FBJ0503855
5.1	30	76	6	FBJ0501027
5.2	30	76	6	FBJ0501028
5.3	30	76	6	FBJ0501029
5.4	30	76	6	FBJ0501030
5.5	30	76	6	FBJ0501031
5.7	30	76	6	FBJ0501032
5.8	30	76	6	FBJ0501033
5.9	30	76	6	FBJ0501034
6.0	30	76	6	FBJ0501035
6.1	35	82	8	FBJ0501037
6.2	35	82	8	FBJ0501038
6.3	35	82	8	FBJ0501039
6.4	35	82	8	FBJ0501040
6.5	35	82	8	FBJ0501041
6.6	35	82	8	FBJ0501042

Diameter	Flute Length	Overall Length	Shank Diameter	EDP No
Ø D1	L2	L1	Ø D2	
6.7	35	82	8	FBJ0501043
6.8	35	82	8	FBJ0501044
6.9	35	82	8	FBJ0501045
7.0	35	82	8	FBJ0501046
7.1	38	82	8	FBJ0501047
7.2	38	82	8	FBJ0501048
7.3	38	82	8	FBJ0501049
7.4	38	82	8	FBJ0501050
7.5	38	82	8	FBJ0501051
7.6	38	82	8	FBJ0501052
7.8	38	82	8	FBJ0501053
7.9	38	82	8	FBJ0501054
8.0	38	82	8	FBJ0501055
8.1	43	89	10	FBJ0501056
8.2	43	89	10	FBJ0501057
8.3	43	89	10	FBJ0501058
8.4	43	89	10	FBJ0501059
8.5	43	89	10	FBJ0501060
8.6	43	89	10	FBJ0501061
8.7	43	89	10	FBJ0501062
8.8	43	89	10	FBJ0501063
8.9	43	89	10	FBJ0501064
9.0	43	89	10	FBJ0501065
9.1	43	89	10	FBJ0501066
9.2	43	89	10	FBJ0501067
9.25	43	89	10	FBJ0501068

3X

Solid carbide 3X high performance drill



- P0-P6
- K1-K3
- S1-S4
- M1-M3

DRILLS

Unit : mm

Diameter	Flute Length	Overall Length	Shank Diameter	EDP No
ØD1	L2	L1	ØD2	
9.3	43	89	10	FBJ0501069
9.4	43	89	10	FBJ0501072
9.5	43	89	10	FBJ0501070
9.6	43	89	10	FBJ0501071
9.7	43	89	10	FBJ0501073
9.8	43	89	10	FBJ0501074
9.9	43	89	10	FBJ0501075
10.0	43	89	10	FBJ0501076
10.1	51	101	12	FBJ0501077
10.2	51	101	12	FBJ0501078
10.3	51	101	12	FBJ0501079
10.4	51	101	12	FBJ0501080
10.5	51	101	12	FBJ0501081
10.6	51	101	12	FBJ0501082
10.7	51	101	12	FBJ0501083
10.8	51	101	12	FBJ0501084
10.9	51	101	12	FBJ0501085
11.0	51	101	12	FBJ0501086
11.1	51	101	12	FBJ0501087
11.2	51	101	12	FBJ0501088
11.3	51	101	12	FBJ0501089
11.4	51	101	12	FBJ0501090
11.5	51	101	12	FBJ0501091
11.6	51	101	12	FBJ0501092
11.7	51	101	12	FBJ0501093
11.8	51	101	12	FBJ0501094
11.9	51	101	12	FBJ0501095

Diameter	Flute Length	Overall Length	Shank Diameter	EDP No
ØD1	L2	L1	ØD2	
12.0	51	101	12	FBJ0501096
12.1	54	107	14	FBJ0501097
12.5	54	107	14	FBJ0501098
12.8	54	107	14	FBJ0501099
12.83	54	107	14	FBJ0501100
12.9	54	107	14	FBJ0501101
13.0	54	107	14	FBJ0501102
13.5	54	107	14	FBJ0501103
13.7	54	107	14	FBJ0501104
14.0	54	107	14	FBJ0501105
14.5	60	117	16	FBJ0501106
14.7	60	117	16	FBJ0501107
15.0	60	117	16	FBJ0501108
15.3	60	117	16	FBJ0501109
15.5	60	117	16	FBJ0501110
15.7	60	117	16	FBJ0501111
16.0	60	117	16	FBJ0501112
16.08	63	122	18	FBJ0501113
16.3	63	122	18	FBJ0501114
16.5	63	122	18	FBJ0501115
17.0	63	122	18	FBJ0501116
17.5	63	122	18	FBJ0501117
18.0	63	122	18	FBJ0501118
18.5	70	133	20	FBJ0501119
19.16	70	133	20	FBJ0501120
19.25	70	133	20	FBJ0501121
19.3	70	133	20	FBJ0501122
19.5	70	133	20	FBJ0501123
20.0	70	133	20	FBJ0501124

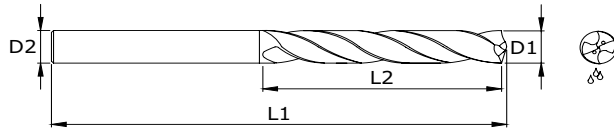
Application data on page no 3.009

3X

Solid carbide 3X high performance drill with coolant feed



DRILLS



P0-P6

K1-K3

M1-M3

S1-S4

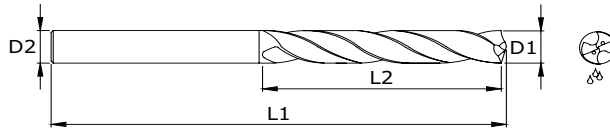
Unit : mm

Diameter	Flute Length	Overall Length	Shank Diameter	EDP No
Ø D1	L2	L1	D2	
3.0	16	57	3	FBJ0502493
3.1	22	63	4	FBJ0502494
3.2	22	63	4	FBJ0502495
3.3	22	63	4	FBJ0502496
3.4	22	63	4	FBJ0502497
3.5	22	63	4	FBJ0502498
3.6	22	63	4	FBJ0502499
3.7	22	63	4	FBJ0502500
3.8	22	63	4	FBJ0502501
3.9	22	63	4	FBJ0502502
4.0	22	63	4	FBJ0502503
4.1	26	65	5	FBJ0502504
4.2	26	65	5	FBJ0502505
4.3	26	65	5	FBJ0502506
4.4	26	65	5	FBJ0502507
4.5	26	65	5	FBJ0502508
4.6	26	65	5	FBJ0502509
4.65	26	65	5	FBJ0505033
4.7	26	65	5	FBJ0502510
4.8	26	65	5	FBJ0502511
4.9	26	65	5	FBJ0502512
5.0	26	65	5	FBJ0502513
5.1	26	65	6	FBJ0502514
5.2	26	65	6	FBJ0502515
5.3	26	65	6	FBJ0502516
5.4	26	65	6	FBJ0502517
5.5	26	65	6	FBJ0502518
5.6	26	65	6	FBJ0502519
5.7	26	65	6	FBJ0502520

Diameter	Flute Length	Overall Length	Shank Diameter	EDP No
Ø D1	L2	L1	D2	
5.8	26	65	6	FBJ0502521
5.9	26	65	6	FBJ0502522
6.0	26	65	6	FBJ0502523
6.1	35	80	8	FBJ0502524
6.2	35	80	8	FBJ0502525
6.3	35	80	8	FBJ0502526
6.4	35	80	8	FBJ0502527
6.5	35	80	8	FBJ0502528
6.6	35	80	8	FBJ0502529
6.7	35	80	8	FBJ0502530
6.8	35	80	8	FBJ0502531
6.9	35	80	8	FBJ0502532
7.0	35	80	8	FBJ0502533
7.1	38	80	8	FBJ0502534
7.2	38	80	8	FBJ0502535
7.3	38	80	8	FBJ0502536
7.4	38	80	8	FBJ0502537
7.5	38	80	8	FBJ0502538
7.6	38	80	8	FBJ0502539
7.8	38	80	8	FBJ0502540
7.9	38	80	8	FBJ0502541
8.0	38	80	8	FBJ0502542
8.1	41	82	10	FBJ0502543
8.2	41	82	10	FBJ0502544
8.3	41	82	10	FBJ0502545
8.4	41	82	10	FBJ0502546
8.5	41	82	10	FBJ0502547
8.6	41	82	10	FBJ0502548
8.7	41	82	10	FBJ0502549

3X

Solid carbide 3X high performance drill with coolant feed



P0-P6

K1-K3

M1-M3

S1-S4

DRILLS

Unit : mm

Diameter	Flute Length	Overall Length	Shank Diameter	EDP No
Ø D1	L2	L1	D2	
8.8	41	82	10	FBJ0502550
8.9	41	82	10	FBJ0502551
9.0	41	82	10	FBJ0502552
9.1	41	82	10	FBJ0502553
9.2	41	82	10	FBJ0502554
9.3	41	82	10	FBJ0502555
9.4	41	82	10	FBJ0502556
9.5	41	82	10	FBJ0502557
9.6	41	82	10	FBJ0502558
9.7	41	82	10	FBJ0502559
9.8	41	82	10	FBJ0502560
9.9	41	82	10	FBJ0502561
10.0	41	82	10	FBJ0502562
10.1	55	102	12	FBJ0502563
10.2	55	102	12	FBJ0502564
10.3	55	102	12	FBJ0502565
10.4	55	102	12	FBJ0502566
10.5	55	102	12	FBJ0502567
10.6	55	102	12	FBJ0502568
10.7	55	102	12	FBJ0502569
10.8	55	102	12	FBJ0502570
10.9	55	102	12	FBJ0502571
11.0	55	102	12	FBJ0502572
11.1	55	102	12	FBJ0502573
11.2	55	102	12	FBJ0502574
11.3	55	102	12	FBJ0502575
11.4	55	102	12	FBJ0502576
11.5	55	102	12	FBJ0502577
11.6	55	102	12	FBJ0502578

Diameter	Flute Length	Overall Length	Shank Diameter	EDP No
Ø D1	L2	L1	D2	
11.7	55	102	12	FBJ0502579
11.8	55	102	12	FBJ0502580
11.9	55	102	12	FBJ0502581
12.0	55	102	12	FBJ0502582
12.1	60	107	14	FBJ0502583
12.5	60	107	14	FBJ0502584
12.8	60	107	14	FBJ0502585
12.9	60	107	14	FBJ0502587
13.0	60	107	14	FBJ0502588
13.5	60	107	14	FBJ0502589
13.7	60	107	14	FBJ0502590
14.0	60	107	14	FBJ0502591
14.5	60	110	16	FBJ0502592
14.7	60	110	16	FBJ0502593
15.0	60	110	16	FBJ0502594
15.3	60	110	16	FBJ0502595
15.5	60	110	16	FBJ0502596
15.7	60	110	16	FBJ0502597
16.0	60	110	16	FBJ0502598
16.3	73	122	18	FBJ0502599
16.5	73	122	18	FBJ0502600
17.0	73	122	18	FBJ0502601
17.5	73	122	18	FBJ0502602
18.0	73	122	18	FBJ0502603
18.5	80	133	20	FBJ0502604
19.1	80	133	20	FBJ0502605
19.3	80	133	20	FBJ0502607
19.5	80	133	20	FBJ0502608
20.0	80	133	20	FBJ0502609