



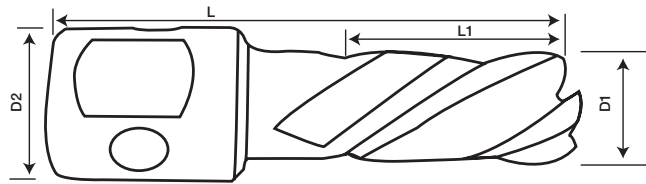
High Speed Steel Annular Cutter

HSS



BF

UNIVERSAL SHANK (ONE-TOUCH SHANK)



Size (D1)	Shank Dia (D2)	Cutting Depth (L1)	Overall Length (L)	EDP No
mm	mm	mm	mm	
12	19.05	30	63	FBR0201611
13	19.05	30	63	FBR0201612
14	19.05	30	63	FBR0201613
15	19.05	30	63	FBR0201614
16	19.05	30	63	FBR0201615
17	19.05	30	63	FBR0201616
18	19.05	30	63	FBR0201617
19	19.05	30	63	FBR0201618
20	19.05	30	63	FBR0201619
21	19.05	30	63	FBR0201620
22	19.05	30	63	FBR0201621
23	19.05	30	63	FBR0201622
24	19.05	30	63	FBR0201623
25	19.05	30	63	FBR0201624
26	19.05	30	63	FBR0201625
27	19.05	30	63	FBR0201626
28	19.05	30	63	FBR0201627
29	19.05	30	63	FBR0201628
30	19.05	30	63	FBR0201629
31	19.05	30	63	FBR0201630

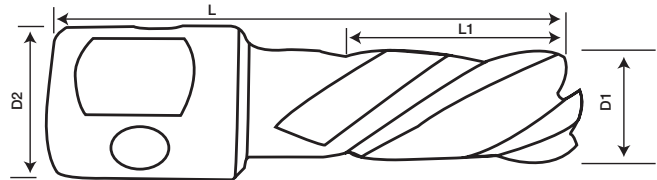
Size (D1)	Shank Dia (D2)	Cutting Depth (L1)	Overall Length (L)	EDP No
mm	mm	mm	mm	
32	19.05	30	63	FBR0201631
33	19.05	30	63	FBR0201632
34	19.05	30	63	FBR0201633
35	19.05	30	63	FBR0201634
36	19.05	30	63	FBR0201635
37	19.05	30	63	FBR0201636
38	19.05	30	63	FBR0201637
39	19.05	30	63	FBR0201638
40	19.05	30	63	FBR0201639
41	19.05	30	63	FBR0201640
42	19.05	30	63	FBR0201641
43	19.05	30	63	FBR0201642
44	19.05	30	63	FBR0201643
45	19.05	30	63	FBR0201644
46	19.05	30	63	FBR0201645
47	19.05	30	63	FBR0201646
48	19.05	30	63	FBR0201647
49	19.05	30	63	FBR0201648
50	19.05	30	63	FBR0201649

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High Speed Steel Annular Cutter

UNIVERSAL SHANK (ONE-TOUCH SHANK)



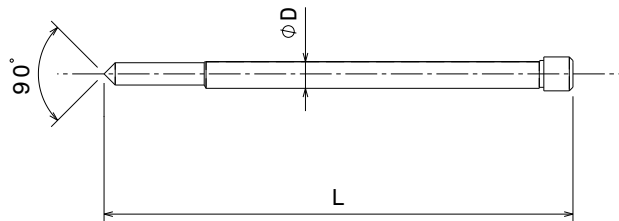
Size (D1)	Shank Dia (D2)	Cutting Depth (L1)	Overall Length (L)	EDP No
mm	mm	mm	mm	
12	19.05	55	88	FBR0201650
13	19.05	55	88	FBR0201651
14	19.05	55	88	FBR0201652
15	19.05	55	88	FBR0201653
16	19.05	55	88	FBR0201654
17	19.05	55	88	FBR0201655
18	19.05	55	88	FBR0201656
19	19.05	55	88	FBR0201657
20	19.05	55	88	FBR0201658
21	19.05	55	88	FBR0201659
22	19.05	55	88	FBR0201660
23	19.05	55	88	FBR0201661
24	19.05	55	88	FBR0201662
25	19.05	55	88	FBR0201663
26	19.05	55	88	FBR0201664
27	19.05	55	88	FBR0201665
28	19.05	55	88	FBR0201666
29	19.05	55	88	FBR0201667
30	19.05	55	88	FBR0201668
31	19.05	55	88	FBR0201669

Size (D1)	Shank Dia (D2)	Cutting Depth (L1)	Overall Length (L)	EDP No
mm	mm	mm	mm	
32	19.05	55	88	FBR0201670
33	19.05	55	88	FBR0201671
34	19.05	55	88	FBR0201672
35	19.05	55	88	FBR0201673
36	19.05	55	88	FBR0201674
37	19.05	55	88	FBR0201675
38	19.05	55	88	FBR0201676
39	19.05	55	88	FBR0201677
40	19.05	55	88	FBR0201678
41	19.05	55	88	FBR0201679
42	19.05	55	88	FBR0201680
43	19.05	55	88	FBR0201681
44	19.05	55	88	FBR0201682
45	19.05	55	88	FBR0201683
46	19.05	55	88	FBR0201684
47	19.05	55	88	FBR0201685
48	19.05	55	88	FBR0201686
49	19.05	55	88	FBR0201687
50	19.05	55	88	FBR0201688

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MATCHING PILOT

Size (D)	Cutting Depth (L)	EDP No
mm	mm	
6.34 X 77	30	FBR0201990
6.34 X 103	55	FBR0201991

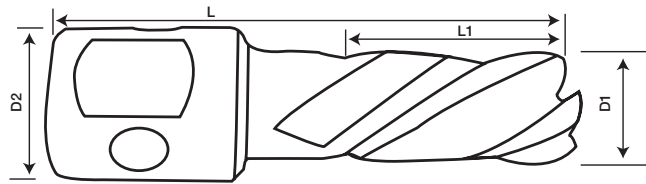


- Made from premium grade High Speed Steel
- Applicable to hole cutting & process of annular groove on various magnetic drills
- Multi-cut geometry for ply-cutting & lower friction to reach better performance of endurance & removal of chips
- Meets requirements of hole cutting on various materials
- Available in One Touch Shank (Universal shank Dia 3/4" or 19.05 mm)
- Available from Diameter 12 MM to 50 MM & Depth of Cut 30mm max & 55mm max
- Also available in fein shank



High Speed Steel Annular Cutter

UNIVERSAL SHANK (ONE-TOUCH SHANK)



Size (D1)	Shank Dia (D2)	Cutting Depth (L1)	Overall Length (L)	EDP No
mm	mm	mm	mm	
12	19.05	30	63	FBR0201689
13	19.05	30	63	FBR0201690
14	19.05	30	63	FBR0201691
15	19.05	30	63	FBR0201692
16	19.05	30	63	FBR0201693
17	19.05	30	63	FBR0201694
18	19.05	30	63	FBR0201695
19	19.05	30	63	FBR0201696
20	19.05	30	63	FBR0201697
21	19.05	30	63	FBR0201698
22	19.05	30	63	FBR0201699
23	19.05	30	63	FBR0201700
24	19.05	30	63	FBR0201701
25	19.05	30	63	FBR0201702
26	19.05	30	63	FBR0201703
27	19.05	30	63	FBR0201704
28	19.05	30	63	FBR0201705
29	19.05	30	63	FBR0201706
30	19.05	30	63	FBR0201707
31	19.05	30	63	FBR0201708

Size (D1)	Shank Dia (D2)	Cutting Depth (L1)	Overall Length (L)	EDP No
mm	mm	mm	mm	
32	19.05	30	63	FBR0201709
33	19.05	30	63	FBR0201710
34	19.05	30	63	FBR0201711
35	19.05	30	63	FBR0201712
36	19.05	30	63	FBR0201713
37	19.05	30	63	FBR0201714
38	19.05	30	63	FBR0201715
39	19.05	30	63	FBR0201716
40	19.05	30	63	FBR0201717
41	19.05	30	63	FBR0201718
42	19.05	30	63	FBR0201719
43	19.05	30	63	FBR0201720
44	19.05	30	63	FBR0201721
45	19.05	30	63	FBR0201722
46	19.05	30	63	FBR0201723
47	19.05	30	63	FBR0201724
48	19.05	30	63	FBR0201725
49	19.05	30	63	FBR0201726
50	19.05	30	63	FBR0201727

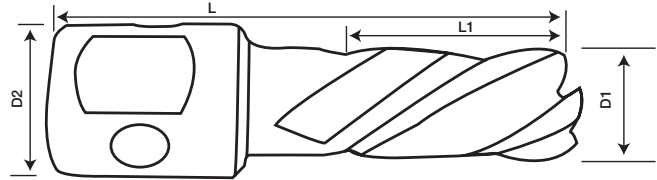
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High Speed Steel Annular Cutter

UNIVERSAL SHANK (ONE-TOUCH SHANK)

HSS-E  BF



Size (D1)	Shank Dia (D2)	Cutting Depth (L1)	Overall Length (L)	EDP No
mm	mm	mm	mm	
12	19.05	55	88	FBR0201728
13	19.05	55	88	FBR0201729
14	19.05	55	88	FBR0201730
15	19.05	55	88	FBR0201731
16	19.05	55	88	FBR0201732
17	19.05	55	88	FBR0201733
18	19.05	55	88	FBR0201734
19	19.05	55	88	FBR0201735
20	19.05	55	88	FBR0201736
21	19.05	55	88	FBR0201737
22	19.05	55	88	FBR0201738
23	19.05	55	88	FBR0201739
24	19.05	55	88	FBR0201740
25	19.05	55	88	FBR0201741
26	19.05	55	88	FBR0201742
27	19.05	55	88	FBR0201743
28	19.05	55	88	FBR0201744
29	19.05	55	88	FBR0201745
30	19.05	55	88	FBR0201746
31	19.05	55	88	FBR0201747

Size (D1)	Shank Dia (D2)	Cutting Depth (L1)	Overall Length (L)	EDP No
mm	mm	mm	mm	
32	19.05	55	88	FBR0201748
33	19.05	55	88	FBR0201749
34	19.05	55	88	FBR0201750
35	19.05	55	88	FBR0201751
36	19.05	55	88	FBR0201752
37	19.05	55	88	FBR0201753
38	19.05	55	88	FBR0201754
39	19.05	55	88	FBR0201755
40	19.05	55	88	FBR0201756
41	19.05	55	88	FBR0201757
42	19.05	55	88	FBR0201758
43	19.05	55	88	FBR0201759
44	19.05	55	88	FBR0201760
45	19.05	55	88	FBR0201761
46	19.05	55	88	FBR0201762
47	19.05	55	88	FBR0201763
48	19.05	55	88	FBR0201764
49	19.05	55	88	FBR0201765
50	19.05	55	88	FBR0201766

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