

NEW!

REAMERS FOR THROUGH HOLES

POLY 4008-FC

A REVOLUTION FOR YOUR PRODUCTION

Increase the quality and productivity of your reaming operations!

POLYCUT COATING

- New generation of dropless coatings
- Excellent adhesion, improved surface finish and ultra-precise thickness for high-quality reaming
- High wear and heat resistance

CUTTING GEOMETRY

- Geometry adapted to materials with high specific cutting forces (Ni-Co, stainless steel, inconel, etc.)
- Optimized irregular pitch for improvement circularity

RADIAL COOLANT IN THE FLUTES

- Improved cutting edge cooling and chip evacuation for longer service life

**POLY 4008-FC
FROM STOCK**

from Ø 2.5mm to Ø 12.03mm

ON REQUEST

- Ø intermediate delivery within 10 days
- Other coatings
- Straight-flute tool

DIXI POLYTOOL S.A.

Av. du Technicum 37
CH - 2400 Le Locle
T. +41 (0)32 933 54 44
dixipoly@dixi.ch
www.dixipolytool.com

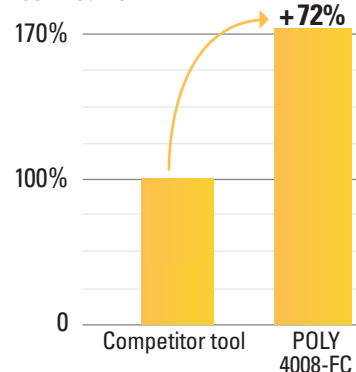


> Consult our general catalog



APPLICATION EXAMPLE

Tool lifetime

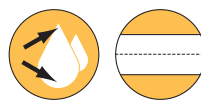


Tool
Solid carbide reamer
Ø 2.98mm

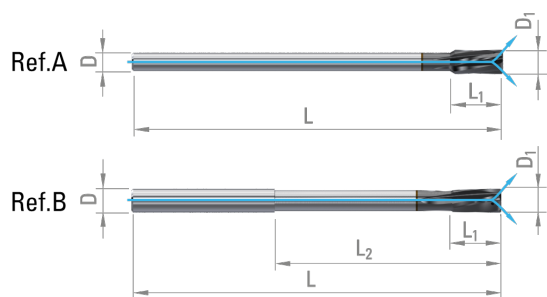
Material
Steel 1.2379 (X153CrMoV12)

Cutting parameters
n = 1.300 rpm
Vf = 0.146 mm/rpm

HELICAL REAMERS, LEFT-HAND HELIX RIGHT-HAND CUT, WITH INTERNAL COOLANT



> Ø2.50



Unalloyed steel	Low alloyed steel	High alloyed steel	Marten. stainless steel	Austenitic stainless steel	cast iron
Wrought + cast aluminium alloy	Cu + Pb alloy	Cu alloy difficult	Gold, Silver Plastic wood	Special alloy Ni / Co	Titanium, titanium alloy

D nom.	D ₁	L ₁	L ₂	D _{h5}	L	Z	Ref.	POLYCUT
H7	± 1.5 µm							

2.50	(2.507)	10	25	3	70	4	B	416681
2.51	(2.517)	10	25	3	70	4	B	416682
2.52	(2.527)	10	25	3	70	4	B	416683
2.53	(2.537)	10	25	3	70	4	B	416684
2.60	(2.607)	10	25	3	70	4	B	416685
2.70	(2.707)	10	25	3	70	4	B	416686
2.80	(2.807)	10	25	3	70	4	B	416687
2.90	(2.907)	10	25	3	70	4	B	416688
2.97	(2.977)	10	25	3	70	4	B	416689
2.98	(2.987)	10	25	3	70	4	B	416690
2.99	(2.997)	10	25	3	70	4	B	416691
3.00	(3.007)	10	25	3	70	4	B	416692
3.01	(3.018)	10	25	3	70	4	B	416693
3.02	(3.028)	10	25	3	70	4	B	416694
3.03	(3.038)	10	25	3	70	4	B	416695
3.10	(3.108)	10	25	3	70	4	B	416696
3.20	(3.208)	10	-	3	70	4	A	416697
3.30	(3.308)	10	-	3	70	4	A	416698
3.40	(3.408)	10	-	3	70	4	A	416699
3.50	(3.508)	10	-	3	70	4	A	416700
3.60	(3.608)	10	-	3	70	4	A	416701
3.70	(3.708)	10	-	3	70	4	A	416702
3.80	(3.808)	10	-	3	70	4	A	416703
3.90	(3.908)	10	-	3	70	4	A	416704
3.97	(3.978)	10	-	3	70	4	A	416705
3.98	(3.988)	10	-	3	70	4	A	416706
3.99	(3.998)	10	-	3	70	4	A	416707
4.00	(4.008)	10	-	3	70	4	A	416708
4.01	(4.018)	10	-	3	70	4	A	416709
4.02	(4.028)	10	-	3	70	4	A	416710
4.03	(4.038)	10	-	3	70	4	A	416711
4.50	(4.508)	12	-	4	80	4	A	416712
4.97	(4.978)	12	-	4	80	4	A	416713
4.98	(4.988)	12	-	4	80	4	A	416714
4.99	(4.998)	12	-	4	80	4	A	416715
5.00	(5.008)	12	-	4	80	4	A	416716
5.01	(5.018)	12	-	4	80	4	A	416717
5.02	(5.028)	12	-	4	80	4	A	416718
5.03	(5.038)	12	-	4	80	4	A	416719
5.50	(5.508)	12	-	4	80	4	A	416720
5.97	(5.978)	12	-	4	80	4	A	416721
5.98	(5.988)	12	-	4	80	4	A	416722
5.99	(5.998)	12	-	4	80	4	A	416723
6.00	(6.008)	12	-	4	80	4	A	416724
6.01	(6.020)	12	-	4	80	4	A	416725
6.02	(6.030)	12	-	4	80	4	A	416726
6.03	(6.040)	12	-	4	80	4	A	416727
6.50	(6.510)	16	-	6	101	6	A	416728

D nom.	D ₁	L ₁	L ₂	D _{h5}	L	Z	Ref.	POLYCUT
H7	± 1.5 µm							

6.97	(6.980)	16	-	6	101	6	A	416729
6.98	(6.990)	16	-	6	101	6	A	416730
6.99	(7.000)	16	-	6	101	6	A	416731
7.00	(7.010)	16	-	6	101	6	A	416732
7.01	(7.020)	16	-	6	101	6	A	416733
7.02	(7.030)	16	-	6	101	6	A	416734
7.03	(7.040)	16	-	6	101	6	A	416735
7.50	(7.510)	16	-	6	101	6	A	416736
7.97	(7.980)	16	-	6	101	6	A	416737
7.98	(7.990)	16	-	6	101	6	A	416738
7.99	(8.000)	16	-	6	101	6	A	416739
8.00	(8.010)	16	-	6	101	6	A	416740
8.01	(8.020)	16	-	6	101	6	A	416741
8.02	(8.030)	16	-	6	101	6	A	416742
8.03	(8.040)	16	-	6	101	6	A	416743
8.50	(8.510)	16	-	8	117	6	A	416744
8.97	(8.980)	16	-	8	117	6	A	416745
8.98	(8.990)	16	-	8	117	6	A	416746
8.99	(9.000)	16	-	8	117	6	A	416747
9.00	(9.010)	16	-	8	117	6	A	416748
9.01	(9.020)	16	-	8	117	6	A	416749
9.02	(9.030)	16	-	8	117	6	A	416750
9.03	(9.040)	16	-	8	117	6	A	416751
9.50	(9.510)	16	-	8	117	6	A	421557
9.97	(9.980)	16	-	8	117	6	A	416752
9.98	(9.990)	16	-	8	117	6	A	416753
9.99	(10.000)	16	-	8	117	6	A	416754
10.00	(10.010)	16	-	8	117	6	A	416755
10.01	(10.022)	16	-	8	117	6	A	416756
10.02	(10.032)	16	-	8	117	6	A	416757
10.03	(10.042)	16	-	8	117	6	A	416758
10.50	(10.512)	19	-	10	133	6	A	416759
10.97	(10.982)	19	-	10	133	6	A	416760
10.98	(10.992)	19	-	10	133	6	A	416761
10.99	(11.002)	19	-	10	133	6	A	416762
11.00	(11.012)	19	-	10	133	6	A	416763
11.01	(11.022)	19	-	10	133	6	A	416764
11.02	(11.032)	19	-	10	133	6	A	416765
11.03	(11.042)	19	-	10	133	6	A	416766
11.50	(11.512)	19	-	10	133	6	A	416767
11.97	(11.982)	19	-	10	133	6	A	416768
11.98	(12.992)	19	-	10	133	6	A	416769
11.99	(12.002)	19	-	10	133	6	A	416770
12.00	(12.012)	19	-	10	133	6	A	416771
12.01	(12.022)	19	-	10	133	6	A	416772
12.02	(12.032)	19	-	10	133	6	A	416773
12.03	(12.042)	19	-	10	133	6	A	416774