

DENTAL LAB 2009 BUR SERIES



Tousha International
Cutting Tools 
www.tousha.com

HIGH QUALITY DENTAL BURS

- ♦ available with TiAlN coating providing higher heat resistance
- ♦ ground on state-of-the-art CNC machines in American factory
- ♦ provide smooth shaping and precise detailed results



Supplier member



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Dental Lathe Burs (1/4 Shank)

Chipbreaker Cut



Doublecut



Fastmill (Aluma Cut)



| TYPE | OD x LOC x Shank x OAL | Uncoated | | | TiN Coated | | | TiAlN Coated | | |
|-------|------------------------------|-----------|-----------|----------|------------|-----------|----------|--------------|-----------|----------|
| | | Chipbreak | Doublecut | FastMill | Chipbreak | Doublecut | FastMill | Chipbreak | Doublecut | FastMill |
| A-3/8 | 3/8 x 3/4 x 1/4 x 2-1/2 | A3/8 | A3/8XC | A3/8FM | A3/8TN | A3/8XCTN | A3/8FMTN | A3/8TA | A3/8XCTA | A3/8FMTA |
| B-3/8 | 3/8 x 1-1/16 x 1/4 x 2-13/16 | B3/8 | B3/8XC | B3/8FM | B3/8TN | B3/8XCTN | B3/8FMTN | B3/8TA | B3/8XCTA | B3/8FMTA |
| C-3/8 | 3/8 x 3/4 x 1/4 x 2-1/2 | C3/8 | C3/8XC | C3/8FM | C3/8TN | C3/8XCTN | C3/8FMTN | C3/8TA | C3/8XCTA | C3/8FMTA |
| D-3/8 | 3/8 x 5/8 x 1/4 x 2-3/8 | D3/8 | D3/8XC | D3/8FM | D3/8TN | D3/8XCTN | D3/8FMTN | D3/8TA | D3/8XCTA | D3/8FMTA |
| E-3/8 | 3/8 x 3/4 x 1/4 x 2-1/2 | E3/8 | E3/8XC | E3/8FM | E3/8TN | E3/8XCTN | E3/8FMTN | E3/8TA | E3/8XCTA | E3/8FMTA |
| F-3/8 | 3/8 x 5/16 x 1/4 x 2-1/8 | F3/8 | F3/8XC | F3/8FM | F3/8TN | F3/8XCTN | F3/8FMTN | F3/8TA | F3/8XCTA | F3/8FMTA |
| A-1/2 | 1/2 x 1 x 1/4 x 2-3/4 | A1/2 | A1/2XC | A1/2FM | A1/2TN | A1/2XCTN | A1/2FMTN | A1/2TA | A1/2XCTA | A1/2FMTA |
| B-1/2 | 1/2 x 1-1/8 x 1/4 x 2-7/8 | B1/2 | B1/2XC | B1/2FM | B1/2TN | B1/2XCTN | B1/2FMTN | B1/2TA | B1/2XCTA | B1/2FMTA |
| C-1/2 | 1/2 x 1 x 1/4 x 2-3/4 | C1/2 | C1/2XC | C1/2FM | C1/2TN | C1/2XCTN | C1/2FMTN | C1/2TA | C1/2XCTA | C1/2FMTA |
| D-1/2 | 1/2 x 7/8 x 1/4 x 2-5/8 | D1/2 | D1/2XC | D1/2FM | D1/2TN | D1/2XCTN | D1/2FMTN | D1/2TA | D1/2XCTA | D1/2FMTA |
| E-1/2 | 1/2 x 1 x 1/4 x 2-3/4 | E1/2 | E1/2XC | E1/2FM | E1/2TN | E1/2XCTN | E1/2FMTN | E1/2TA | E1/2XCTA | E1/2FMTA |
| F-1/2 | 1/2 x 7/16 x 1/4 x 2-1/4 | F1/2 | F1/2XC | F1/2FM | F1/2TN | F1/2XCTN | F1/2FMTN | F1/2TA | F1/2XCTA | F1/2FMTA |



All of our burs are available with advanced PVD coatings.

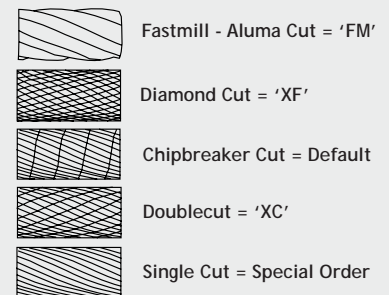
Dental Bur Part IDs:

- 1: Indicate bur shape and cut type
 - 2: Indicate coating if desired
- Example: '73CXCTA' would be 73-C/XC Doublecut with TiAlN coating.

Bur Coating IDs

TiAlN = 'TA'
TiN = 'TN'

Bur Cut Types

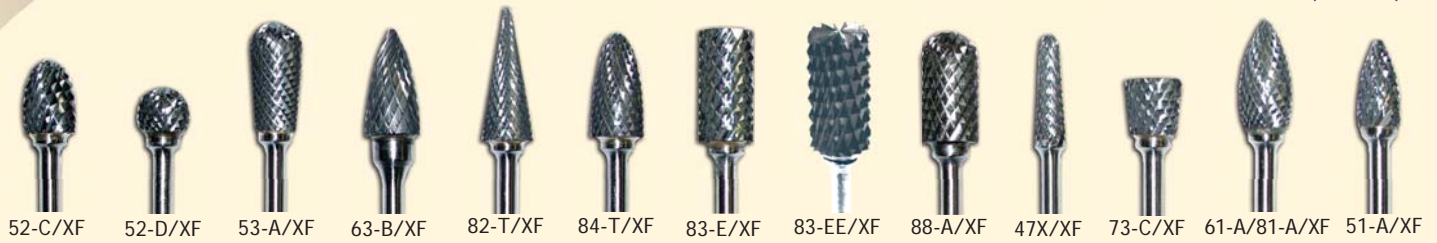


Dental and Medical HP Carbides

Chipbreaker Cut (Regular)



Diamond Cut (Fine)



Doublecut (Coarse)



HP Shank 1/8 Head Carbide Dental Burs



| EDP# | Description |
|------|--------------------------------------|
| 44-C | 1/8 x 9/16 x .0925 x 1-1/2 Cylinder |
| 41-P | 1/8 x 5/8 x .0925 x 1-1/2 Cone Shape |

Fastmill (Aluma Cut)



84-T/SP 88-A/SP

HP Shank Carbide Dental Bur Dimensions


| Type | OD x LOC x Shank x OAL |
|-----------|----------------------------|
| 52-C | 1/4 x 3/8 x .0925 x 1-7/8 |
| 52-D | 1/4 x 1/4 x .0925 x 1-3/4 |
| 53-A | 1/4 x 1/2 x .0925 x 2 |
| 63-B | 1/4 x 1/2 x .0925 x 2 |
| 82-T | 1/4 x 5/8 x .0925 x 2 |
| 84-T | 1/4 x 1/2 x .0925 x 2 |
| 83-E | 1/4 x 1/2 x .0925 x 2 |
| 88-A | 1/4 x 1/2 x .0925 x 2 |
| 47/X | 5/32 x 1/2 x .0925 x 2 |
| 73-C | 1/4 x 1/4 x .0925 x 1-3/4 |
| 61-A/81-A | 1/4 x 1/2 x .0925 x 2 |
| 51-A | 3/16 x 3/8 x .0925 x 1-7/8 |
| 84-T/SP | 1/4 x 1/2 x .0925 x 2 |
| 88-A/SP | 1/4 x 1/2 x .0925 x 2 |

Dental Step-Drills



| EDP# | (Metric) OD1xOD2xLOC1xLOC2xShankxOAL |
|---------|---|
| 35-0780 | 1.95 x 3 x 5.75 x 6.2 x 3 x 35 Step Drill |

All our burs are precision ground on state of the art CNC machines for smooth operation.

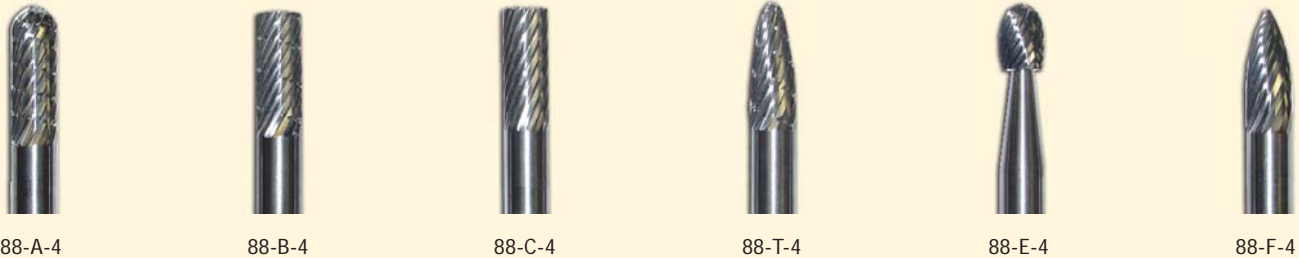
 All Dental Burs
Shank Tolerance +.0000 -.0005

Diamond Cut HP Shank Burs


| TYPE | OD x LOC x Shank x OAL | Uncoated | TiN Coated | TiAlN Coated |
|------|-----------------------------|----------|------------|--------------|
| MC-2 | 1/16 x 1/4 x .0925 x 1-1/2 | DENMC-2 | DENMC-2TN | DENMC-2TA |
| MC-4 | 3/32 x 3/8 x .0925 x 1-1/2 | DENMC-4 | DENMC-4TN | DENMC-4TA |
| MC-5 | 3/32 x 3/32 x .0925 x 1-1/2 | DENMC-5 | DENMC-5TN | DENMC-5TA |
| MC-6 | 3/32 x 3/8 x .0925 x 1-1/2 | DENMC-6 | DENMC-6TN | DENMC-6TA |
| MC-7 | 3/32 x 1/8 x .0925 x 1-1/2 | DENMC-7 | DENMC-7TN | DENMC-7TA |
| MC-8 | 3/32 x 5/8 x .0925 x 1-1/2 | DENMC-8 | DENMC-8TN | DENMC-8TA |
| 71G | 3/32 x 1/8 x .0925 x 1-1/2 | DEN71-G | DEN71-GTN | DEN71-GTA |
| 33C | 3/32 x 3/8 x .0925 x 1-1/2 | DEN33-C | DEN33-CTN | DEN33-CTA |
| 32P | 1/16 x 3/8 x .0925 x 1-1/2 | DEN32-P | DEN32-PTN | DEN32-PTA |
| 31P | 3/32 x 5/8 x .0925 x 1-1/2 | DEN31-P | DEN31-PTN | DEN31-PTA |



Series 88 Burs



| TYPE | OD x LOC x Shank x OAL | Uncoated Swiss Cut | | | TiN Coated Swiss Cut | | | TiAlN Coated Swiss Cut | | |
|--------|------------------------|--------------------|-----------|----------|----------------------|------------|------------|------------------------|------------|-------------|
| | | Chipbreak | Doublecut | FastMill | Chipbreak | Doublecut | FastMill | Chipbreak | Doublecut | FastMill |
| 88-A-4 | 1/4 x 5/8 x 1/4 x 2 | 88-A-4 | 88-A-4XC | 88-A-4FM | 88-A-4TN | 88-A-4XCTN | 88-A-4FMTN | 88-A-4TA | 88-A-4XCTA | 88-A-4FMFTA |
| 88-B-4 | 1/4 x 5/8 x 1/4 x 2 | 88-B-4 | 88-B-4XC | 88-B-4FM | 88-B-4TN | 88-B-4XCTN | 88-B-4FMTN | 88-B-4TA | 88-B-4XCTA | 88-B-4FMFTA |
| 88-C-4 | 1/4 x 5/8 x 1/4 x 2 | 88-C-4 | 88-C-4XC | 88-C-4FM | 88-C-4TN | 88-C-4XCTN | 88-C-4FMTN | 88-C-4TA | 88-C-4XCTA | 88-C-4FMFTA |
| 88-D-4 | 1/4 x 5/8 x 1/4 x 2 | 88-D-4 | 88-D-4XC | 88-D-4FM | 88-D-4TN | 88-D-4XCTN | 88-D-4FMTN | 88-D-4TA | 88-D-4XCTA | 88-D-4FMFTA |
| 88-T-4 | 1/4 x 5/8 x 1/4 x 2 | 88-T-4 | 88-T-4XC | 88-T-4FM | 88-T-4TN | 88-T-4XCTN | 88-T-4FMTN | 88-T-4TA | 88-T-4XCTA | 88-T-4FMFTA |
| 88-E-4 | 1/4 x 3/8 x 1/4 x 2 | 88-E-4 | 88-E-4XC | 88-E-4FM | 88-E-4TN | 88-E-4XCTN | 88-E-4FMTN | 88-E-4TA | 88-E-4XCTA | 88-E-4FMFTA |
| 88-F-4 | 1/4 x 5/8 x 1/4 x 2 | 88-F-4 | 88-F-4XC | 88-F-4FM | 88-F-4TN | 88-F-4XCTN | 88-F-4FMTN | 88-F-4TA | 88-F-4XCTA | 88-F-4FMFTA |

 All Dental Burs
Shank Tolerance +.0000 -.0005



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