

PREMIUM ROTARY CUTTING TOOLS

RobbJack



2010 Pricelist

ALUMINUM

TITANIUM, STEEL &
HIGH-TEMP ALLOYS

COMPOSITES & PLASTICS

DIE/MOLD & HARDENED
MATERIALS

MINIATURES

MULTIPLE APPLICATIONS

SAWS

2010 Pricelist

This 2010 pricelist replaces prices from all previous RobbJack catalogs and pricelists.

2010 Pricelist

Introducing RobbJack's New Applications Guide

- **Machining Composites?**
- **Chatter or Vibration Problems?**
- **Cutting Hardened Die Steels?**
- **Maximum Removal Rates in Aluminum?**
- **Machining High-Temp Alloys?**
- **Routing Aluminum Skins?**
- **Micro Machining?**
- **Slotting?**

RobbJack's new Applications Guide will help. Filled with easy-to-follow icons, tools sorted by application and material, with tips and links to videos.

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End Mill Modifications

Coolant Grooves



To price modifying end mills with **Coolant Grooves**, add \$3.00 per flute to the list price. For quantities greater than 6 each, please contact our quote department.

Estimated delivery is 2–3 working days ARO

Mirror Edge™



To price modifying standard end mills 1/4" diameter and larger with a **Mirror Edge**:

Cutter Diameter

1/4" – <1/2"	list price × 1.30
1/2" and larger	list price × 1.25

For Quantities greater than 6 each, please contact our quote department.

Estimated delivery is 5 working days ARO.

T-Process



To price modifying standard end mills 1/8" and larger with **T-Process**, add \$5.00 to the list price. For quantities greater than 6 each, or tools smaller than 1/8", please contact our quote department.

Estimated delivery is 2–3 days ARO.

Feather Blend™



To price modifying standard end mills with **Extended Reach**:

Cutter Diameter

1/32" – 1/4"	list price × 1.30
> 1/4" – <1/2"	list price × 1.25
1/2" and larger	list price × 1.20

For quantities greater than 6 each, please contact our quote department.

Estimated delivery is 5 working days ARO

End Mill Modifications

Wiper Flats



To price modifying end mills with **Wiper Flats**, add \$3.00 per flute to the list price. For quantities greater than 6 each, please contact our quote department.

Estimated delivery is 2–3 working days ARO.

45° Chamfer



To price modifying end mills with **45° Chamfer**, add \$3.00 per flute to the list price. For quantities greater than 6 each, please contact our quote department.

Estimated delivery is 2–3 working days ARO

Corner Radius



To price modifying standard end mills 1/32" diameter and larger with a **Corner Radius**:

Cutter Diameter

1/32" – < 1/4"	list price × 1.50
1/4" – < 1/2"	list price × 1.30
1/2" and larger	list price × 1.25

For quantities greater than 6 each, please contact our quote department.

Estimated delivery is 5 working days ARO.

Full Radius



To price modifying standard end mills 1/32" diameter and larger with a **Full Radius**:

Cutter Diameter

1/32" – < 1/4"	list price × 1.50
1/4" – < 1/2"	list price × 1.30
1/2" and larger	list price × 1.25

For quantities greater than 6 each, please contact our quote department.

Estimated delivery is 5 working days ARO.

Aluminum Applications

A1-201 2 Flute Stub Length

Tool Number Uncoated	Price Uncoated	Tool Number DLC Coated	Price DLC Coated
A1-201-04	\$15.65	A1-201-04 DLC	\$19.05
A1-201-06	\$21.90	A1-201-06 DLC	\$26.40
A1-201-08	\$23.60	A1-201-08 DLC	\$37.15
A1-201-10	\$27.40	A1-201-10 DLC	\$40.95
A1-201-12	\$37.30	A1-201-12 DLC	\$50.85
A1-201-16	\$53.95	A1-201-16 DLC	\$74.25
A1-201-20	\$101.80	A1-201-20 DLC	\$122.10
A1-201-24	\$158.35	A1-201-24 DLC	\$199.00
A1-201-32	\$218.60	A1-201-32 DLC	\$259.25

MA1-201 Metric 2 Flute Stub Length METRIC

Tool Number Uncoated	Price Uncoated	Tool Number DLC Coated	Price DLC Coated
MA1-201-03	\$15.65	MA1-201-03 DLC	\$19.05
MA1-201-04	\$21.30	MA1-201-04 DLC	\$25.80
MA1-201-05	\$21.90	MA1-201-05 DLC	\$35.45
MA1-201-06	\$23.60	MA1-201-06 DLC	\$37.15
MA1-201-08	\$26.80	MA1-201-08 DLC	\$40.35
MA1-201-10	\$37.30	MA1-201-10 DLC	\$57.60
MA1-201-12	\$53.95	MA1-201-12 DLC	\$74.25
MA1-201-16	\$101.80	MA1-201-16 DLC	\$122.10
MA1-201-20	\$158.35	MA1-201-20 DLC	\$199.00

A1-303 3 Flute Standard Length

Tool Number Uncoated	Price Uncoated	Tool Number DLC Coated	Price DLC Coated
A1-303-04	\$18.50	A1-303-04 DLC	\$21.90
A1-303-06	\$25.85	A1-303-06 DLC	\$30.35
A1-303-08	\$27.80	A1-303-08 DLC	\$41.35
A1-303-10	\$32.35	A1-303-10 DLC	\$45.90
A1-303-12	\$44.00	A1-303-12 DLC	\$57.55
A1-303-16	\$63.70	A1-303-16 DLC	\$84.00
A1-303-20	\$120.15	A1-303-20 DLC	\$140.45
A1-303-24	\$186.90	A1-303-24 DLC	\$227.55
A1-303-32	\$257.95	A1-303-32 DLC	\$298.60

MA1-303 Metric 3 Flute Standard Length METRIC

Tool Number Uncoated	Price Uncoated	Tool Number DLC Coated	Price DLC Coated
MA1-303-03	\$18.50	MA1-303-03 DLC	\$21.90
MA1-303-04	\$25.20	MA1-303-04 DLC	\$29.70
MA1-303-05	\$25.85	MA1-303-05 DLC	\$39.40
MA1-303-06	\$27.80	MA1-303-06 DLC	\$41.35
MA1-303-08	\$32.35	MA1-303-08 DLC	\$45.90
MA1-303-10	\$44.00	MA1-303-10 DLC	\$64.30
MA1-303-12	\$63.70	MA1-303-12 DLC	\$84.00
MA1-303-16	\$120.15	MA1-303-16 DLC	\$140.45
MA1-303-20	\$186.90	MA1-303-20 DLC	\$227.55

FM 2 Flute (Short to Long Reach)

Tool Number Uncoated	Price Uncoated	Tool Number DLC Coated	Price DLC Coated
FM-201-08	\$49.85	FM-201-08 DLC	\$70.15
FM-201-08-030	\$52.10	FM-201-08-030 DLC	\$72.40
FM-201-08-060	\$52.10	FM-201-08-060 DLC	\$72.40
FM-201-08-090	\$53.55	FM-201-08-090 DLC	\$73.85
FM-201-08-BN	\$55.00	FM-201-08-BN DLC	\$75.30
FM-202-08	\$51.90	FM-202-08 DLC	\$72.20
FM-202-08-030	\$55.20	FM-202-08-030 DLC	\$75.50
FM-202-08-060	\$52.20	FM-202-08-060 DLC	\$72.50
FM-202-08-090	\$56.65	FM-202-08-090 DLC	\$76.95
FM-202-08-BN	\$58.10	FM-202-08-BN DLC	\$78.40
FM-204-08	\$53.95	FM-204-08 DLC	\$74.25
FM-204-08-030	\$58.30	FM-204-08-030 DLC	\$78.60
FM-204-08-060	\$58.30	FM-204-08-060 DLC	\$78.60
FM-204-08-090	\$59.75	FM-204-08-090 DLC	\$80.05
FM-204-08-BN	\$61.20	FM-204-08-BN DLC	\$81.50
FM-205-08	\$56.05	FM-205-08 DLC	\$76.35
FM-205-08-030	\$61.40	FM-205-08-030 DLC	\$81.70
FM-205-08-060	\$61.40	FM-205-08-060 DLC	\$81.70
FM-205-08-090	\$62.85	FM-205-08-090 DLC	\$83.15
FM-205-08-BN	\$64.30	FM-205-08-BN DLC	\$84.60

FM-201-10	\$59.85	FM-201-10 DLC	\$80.15
FM-201-10-030	\$62.55	FM-201-10-030 DLC	\$82.85
FM-201-10-060	\$62.55	FM-201-10-060 DLC	\$82.85
FM-201-10-090	\$64.50	FM-201-10-090 DLC	\$84.80
FM-201-10-120	\$64.50	FM-201-10-120 DLC	\$84.80
FM-201-10-BN	\$66.45	FM-201-10-BN DLC	\$86.75
FM-202-10	\$62.95	FM-202-10 DLC	\$83.25
FM-202-10-030	\$65.65	FM-202-10-030 DLC	\$85.95
FM-202-10-060	\$65.65	FM-202-10-060 DLC	\$85.95
FM-202-10-090	\$67.60	FM-202-10-090 DLC	\$87.90
FM-202-10-120	\$67.60	FM-202-10-120 DLC	\$87.90
FM-202-10-BN	\$69.55	FM-202-10-BN DLC	\$89.85
FM-204-10	\$66.00	FM-204-10 DLC	\$86.30
FM-204-10-030	\$68.75	FM-204-10-030 DLC	\$89.05
FM-204-10-060	\$68.75	FM-204-10-060 DLC	\$89.05
FM-204-10-090	\$70.65	FM-204-10-090 DLC	\$90.95
FM-204-10-120	\$70.65	FM-204-10-120 DLC	\$90.95
FM-204-10-BN	\$72.55	FM-204-10-BN DLC	\$92.85
FM-205-10	\$69.10	FM-205-10 DLC	\$89.40
FM-205-10-030	\$71.85	FM-205-10-030 DLC	\$92.15
FM-205-10-060	\$71.85	FM-205-10-060 DLC	\$92.15
FM-205-10-090	\$73.75	FM-205-10-090 DLC	\$94.05
FM-205-10-120	\$73.75	FM-205-10-120 DLC	\$94.05
FM-205-10-BN	\$75.65	FM-205-10-BN DLC	\$95.95

FM-201-12	\$70.95	FM-201-12 DLC	\$91.25
FM-201-12-030	\$72.70	FM-201-12-030 DLC	\$93.00
FM-201-12-060	\$72.70	FM-201-12-060 DLC	\$93.00
FM-201-12-090	\$74.70	FM-201-12-090 DLC	\$95.00
FM-201-12-120	\$74.70	FM-201-12-120 DLC	\$95.00
FM-201-12-BN	\$76.70	FM-201-12-BN DLC	\$97.00
FM-202-12	\$74.05	FM-202-12 DLC	\$94.35
FM-202-12-030	\$75.80	FM-202-12-030 DLC	\$96.10
FM-202-12-060	\$75.80	FM-202-12-060 DLC	\$96.10
FM-202-12-090	\$77.80	FM-202-12-090 DLC	\$98.10
FM-202-12-120	\$77.80	FM-202-12-120 DLC	\$98.10
FM-202-12-BN	\$79.80	FM-202-12-BN DLC	\$100.10

CONTINUED ON NEXT PAGE—

Aluminum Applications

FM 2 Flute (Short to Long Reach) —CONTINUED FROM PREVIOUS

Tool Number Uncoated	Price Uncoated	Tool Number DLC Coated	Price DLC Coated
FM-204-12	\$77.15	FM-204-12 DLC	\$97.45
FM-204-12-030	\$78.90	FM-204-12-030 DLC	\$99.20
FM-204-12-060	\$78.90	FM-204-12-060 DLC	\$99.20
FM-204-12-090	\$80.85	FM-204-12-090 DLC	\$101.15
FM-204-12-120	\$80.85	FM-204-12-120 DLC	\$101.15
FM-204-12-BN	\$82.80	FM-204-12-BN DLC	\$103.10
FM-205-12	\$80.25	FM-205-12 DLC	\$100.55
FM-205-12-030	\$82.00	FM-205-12-030 DLC	\$102.30
FM-205-12-060	\$82.00	FM-205-12-060 DLC	\$102.30
FM-205-12-090	\$83.95	FM-205-12-090 DLC	\$104.25
FM-205-12-120	\$83.95	FM-205-12-120 DLC	\$104.25
FM-205-12-BN	\$85.90	FM-205-12-BN DLC	\$106.20

FM-201-16	\$108.25	FM-201-16 DLC	\$128.55
FM-201-16-030	\$111.75	FM-201-16-030 DLC	\$132.05
FM-201-16-060	\$111.75	FM-201-16-060 DLC	\$132.05
FM-201-16-090	\$115.45	FM-201-16-090 DLC	\$135.75
FM-201-16-120	\$115.45	FM-201-16-120 DLC	\$135.75
FM-201-16-BN	\$119.15	FM-201-16-BN DLC	\$139.45
FM-202-16	\$111.35	FM-202-16 DLC	\$131.65
FM-202-16-030	\$114.85	FM-202-16-030 DLC	\$135.15
FM-202-16-060	\$114.85	FM-202-16-060 DLC	\$135.15
FM-202-16-090	\$118.55	FM-202-16-090 DLC	\$138.85
FM-202-16-120	\$118.55	FM-202-16-120 DLC	\$138.85
FM-202-16-BN	\$122.25	FM-202-16-BN DLC	\$142.55
FM-204-16	\$114.45	FM-204-16 DLC	\$134.75
FM-204-16-030	\$117.95	FM-204-16-030 DLC	\$138.25
FM-204-16-060	\$117.95	FM-204-16-060 DLC	\$138.25
FM-204-16-090	\$121.65	FM-204-16-090 DLC	\$141.95
FM-204-16-120	\$121.65	FM-204-16-120 DLC	\$141.95
FM-204-16-BN	\$125.35	FM-204-16-BN DLC	\$145.65
FM-205-16	\$117.55	FM-205-16 DLC	\$137.85
FM-205-16-030	\$121.05	FM-205-16-030 DLC	\$141.35
FM-205-16-060	\$121.05	FM-205-16-060 DLC	\$141.35
FM-205-16-090	\$124.75	FM-205-16-090 DLC	\$145.05
FM-205-16-120	\$124.75	FM-205-16-120 DLC	\$145.05
FM-205-16-BN	\$128.45	FM-205-16-BN DLC	\$148.75

FM-201-20	\$149.35	FM-201-20 DLC	\$169.65
FM-201-20-030	\$152.75	FM-201-20-030 DLC	\$173.05
FM-201-20-060	\$152.75	FM-201-20-060 DLC	\$173.05
FM-201-20-090	\$157.20	FM-201-20-090 DLC	\$177.50
FM-201-20-120	\$157.20	FM-201-20-120 DLC	\$177.50
FM-201-20-BN	\$161.65	FM-201-20-BN DLC	\$181.95
FM-202-20	\$152.95	FM-202-20 DLC	\$173.25
FM-202-20-030	\$156.35	FM-202-20-030 DLC	\$176.65
FM-202-20-060	\$156.35	FM-202-20-060 DLC	\$176.65
FM-202-20-090	\$160.80	FM-202-20-090 DLC	\$181.10
FM-202-20-120	\$160.80	FM-202-20-120 DLC	\$181.10
FM-202-20-BN	\$165.25	FM-202-20-BN DLC	\$185.55
FM-204-20	\$156.55	FM-204-20 DLC	\$176.85
FM-204-20-030	\$159.95	FM-204-20-030 DLC	\$180.25
FM-204-20-060	\$159.95	FM-204-20-060 DLC	\$180.25
FM-204-20-090	\$164.40	FM-204-20-090 DLC	\$184.70
FM-204-20-120	\$164.40	FM-204-20-120 DLC	\$184.70
FM-204-20-BN	\$168.85	FM-204-20-BN DLC	\$189.15
FM-205-20	\$160.15	FM-205-20 DLC	\$180.45
FM-205-20-030	\$163.55	FM-205-20-030 DLC	\$183.85
FM-205-20-060	\$163.55	FM-205-20-060 DLC	\$183.85

FM 2 Flute (Short to Long Reach) —CONTINUED FROM PREVIOUS

Tool Number Uncoated	Price Uncoated	Tool Number DLC Coated	Price DLC Coated
FM-205-20-090	\$168.00	FM-205-20-090 DLC	\$188.30
FM-205-20-120	\$168.00	FM-205-20-120 DLC	\$188.30
FM-205-20-BN	\$172.45	FM-205-20-BN DLC	\$192.75

FM-201-24	\$192.10	FM-201-24 DLC	\$232.75
FM-201-24-030	\$194.80	FM-201-24-030 DLC	\$235.45
FM-201-24-060	\$194.80	FM-201-24-060 DLC	\$235.45
FM-201-24-090	\$197.95	FM-201-24-090 DLC	\$238.60
FM-201-24-120	\$197.95	FM-201-24-120 DLC	\$238.60
FM-201-24-BN	\$201.10	FM-201-24-BN DLC	\$241.75
FM-202-24	\$196.20	FM-202-24 DLC	\$236.85
FM-202-24-030	\$198.90	FM-202-24-030 DLC	\$239.55
FM-202-24-060	\$198.90	FM-202-24-060 DLC	\$239.55
FM-202-24-090	\$202.05	FM-202-24-090 DLC	\$242.70
FM-202-24-120	\$202.05	FM-202-24-120 DLC	\$242.70
FM-202-24-BN	\$205.20	FM-202-24-BN DLC	\$245.85
FM-204-24	\$200.35	FM-204-24 DLC	\$241.00
FM-204-24-030	\$203.05	FM-204-24-030 DLC	\$243.70
FM-204-24-060	\$203.05	FM-204-24-060 DLC	\$243.70
FM-204-24-090	\$206.20	FM-204-24-090 DLC	\$246.85
FM-204-24-120	\$206.20	FM-204-24-120 DLC	\$246.85
FM-204-24-BN	\$209.35	FM-204-24-BN DLC	\$250.00
FM-205-24	\$204.45	FM-205-24 DLC	\$245.10
FM-205-24-030	\$207.15	FM-205-24-030 DLC	\$247.80
FM-205-24-060	\$207.15	FM-205-24-060 DLC	\$247.80
FM-205-24-090	\$210.30	FM-205-24-090 DLC	\$250.95
FM-205-24-120	\$210.30	FM-205-24-120 DLC	\$250.95
FM-205-24-BN	\$213.45	FM-205-24-BN DLC	\$254.10

FM-201-32	\$237.20	FM-201-32 DLC	\$277.85
FM-201-32-030	\$242.15	FM-201-32-030 DLC	\$282.80
FM-201-32-060	\$242.15	FM-201-32-060 DLC	\$282.80
FM-201-32-090	\$246.80	FM-201-32-090 DLC	\$287.45
FM-201-32-120	\$246.80	FM-201-32-120 DLC	\$287.45
FM-201-32-BN	\$251.55	FM-201-32-BN DLC	\$292.20
FM-202-32	\$242.35	FM-202-32 DLC	\$283.00
FM-202-32-030	\$247.30	FM-202-32-030 DLC	\$287.95
FM-202-32-060	\$247.30	FM-202-32-060 DLC	\$287.95
FM-202-32-090	\$251.95	FM-202-32-090 DLC	\$292.60
FM-202-32-120	\$251.95	FM-202-32-120 DLC	\$292.60
FM-202-32-BN	\$256.70	FM-202-32-BN DLC	\$297.35
FM-203-32	\$247.50	FM-203-32 DLC	\$288.15
FM-203-32-030	\$252.45	FM-203-32-030 DLC	\$293.10
FM-203-32-060	\$252.45	FM-203-32-060 DLC	\$293.10
FM-203-32-090	\$257.10	FM-203-32-090 DLC	\$297.75
FM-203-32-120	\$257.10	FM-203-32-120 DLC	\$297.75
FM-203-32-BN	\$261.75	FM-203-32-BN DLC	\$302.40
FM-204-32	\$252.65	FM-204-32 DLC	\$293.30
FM-204-32-030	\$257.60	FM-204-32-030 DLC	\$298.25
FM-204-32-060	\$257.60	FM-204-32-060 DLC	\$298.25
FM-204-32-090	\$262.25	FM-204-32-090 DLC	\$302.90
FM-204-32-120	\$262.25	FM-204-32-120 DLC	\$302.90
FM-204-32-BN	\$266.90	FM-204-32-BN DLC	\$307.55

CONTINUED ON NEXT COLUMN—

Aluminum Applications

FM 3 Flute (Short to Long Reach)

Tool Number Uncoated	Price Uncoated	Tool Number DLC Coated	Price DLC Coated
FM-301-08	\$49.85	FM-301-08 DLC	\$70.15
FM-301-08-030	\$52.10	FM-301-08-030 DLC	\$72.40
FM-301-08-060	\$52.10	FM-301-08-060 DLC	\$72.40
FM-301-08-090	\$53.55	FM-301-08-090 DLC	\$73.85
FM-301-08-BN	\$55.00	FM-301-08-BN DLC	\$75.30
FM-302-08	\$51.90	FM-302-08 DLC	\$72.20
FM-302-08-030	\$55.20	FM-302-08-030 DLC	\$75.50
FM-302-08-060	\$52.20	FM-302-08-060 DLC	\$72.50
FM-302-08-090	\$56.65	FM-302-08-090 DLC	\$76.95
FM-302-08-BN	\$58.10	FM-302-08-BN DLC	\$78.40
FM-304-08	\$53.95	FM-304-08 DLC	\$74.25
FM-304-08-030	\$58.30	FM-304-08-030 DLC	\$78.60
FM-304-08-060	\$58.30	FM-304-08-060 DLC	\$78.60
FM-304-08-090	\$59.75	FM-304-08-090 DLC	\$80.05
FM-304-08-BN	\$61.20	FM-304-08-BN DLC	\$81.50
FM-305-08	\$56.05	FM-305-08 DLC	\$76.35
FM-305-08-030	\$61.40	FM-305-08-030 DLC	\$81.70
FM-305-08-060	\$61.40	FM-305-08-060 DLC	\$81.70
FM-305-08-090	\$62.85	FM-305-08-090 DLC	\$83.15
FM-305-08-BN	\$64.30	FM-305-08-BN DLC	\$84.60

FM-301-10	\$59.85	FM-301-10 DLC	\$80.15
FM-301-10-030	\$62.55	FM-301-10-030 DLC	\$82.85
FM-301-10-060	\$62.55	FM-301-10-060 DLC	\$82.85
FM-301-10-090	\$64.50	FM-301-10-090 DLC	\$84.80
FM-301-10-120	\$64.50	FM-301-10-120 DLC	\$84.80
FM-301-10-BN	\$66.45	FM-301-10-BN DLC	\$86.75
FM-302-10	\$62.95	FM-302-10 DLC	\$83.25
FM-302-10-030	\$65.65	FM-302-10-030 DLC	\$85.95
FM-302-10-060	\$65.65	FM-302-10-060 DLC	\$85.95
FM-302-10-090	\$67.60	FM-302-10-090 DLC	\$87.90
FM-302-10-120	\$67.60	FM-302-10-120 DLC	\$87.90
FM-302-10-BN	\$69.55	FM-302-10-BN DLC	\$89.85
FM-304-10	\$66.00	FM-304-10 DLC	\$86.30
FM-304-10-030	\$68.75	FM-304-10-030 DLC	\$89.05
FM-304-10-060	\$68.75	FM-304-10-060 DLC	\$89.05
FM-304-10-090	\$70.65	FM-304-10-090 DLC	\$90.95
FM-304-10-120	\$70.65	FM-304-10-120 DLC	\$90.95
FM-304-10-BN	\$72.55	FM-304-10-BN DLC	\$92.85
FM-305-10	\$69.10	FM-305-10 DLC	\$89.40
FM-305-10-030	\$71.85	FM-305-10-030 DLC	\$92.15
FM-305-10-060	\$71.85	FM-305-10-060 DLC	\$92.15
FM-305-10-090	\$73.75	FM-305-10-090 DLC	\$94.05
FM-305-10-120	\$73.75	FM-305-10-120 DLC	\$94.05
FM-305-10-BN	\$75.65	FM-305-10-BN DLC	\$95.95

FM-301-12	\$70.95	FM-301-12 DLC	\$91.25
FM-301-12-030	\$72.70	FM-301-12-030 DLC	\$93.00
FM-301-12-060	\$72.70	FM-301-12-060 DLC	\$93.00
FM-301-12-090	\$74.70	FM-301-12-090 DLC	\$95.00
FM-301-12-120	\$74.70	FM-301-12-120 DLC	\$95.00
FM-301-12-BN	\$76.70	FM-301-12-BN DLC	\$97.00
FM-302-12	\$74.05	FM-302-12 DLC	\$94.35
FM-302-12-030	\$75.80	FM-302-12-030 DLC	\$96.10
FM-302-12-060	\$75.80	FM-302-12-060 DLC	\$96.10
FM-302-12-090	\$77.80	FM-302-12-090 DLC	\$98.10
FM-302-12-120	\$77.80	FM-302-12-120 DLC	\$98.10
FM-302-12-BN	\$79.80	FM-302-12-BN DLC	\$100.10
FM-304-12	\$77.15	FM-304-12 DLC	\$97.45
FM-304-12-030	\$78.90	FM-304-12-030 DLC	\$99.20

FM 3 Flute (Short to Long Reach) —CONTINUED FROM PREVIOUS

Tool Number Uncoated	Price Uncoated	Tool Number DLC Coated	Price DLC Coated
FM-304-12-060	\$78.90	FM-304-12-060 DLC	\$99.20
FM-304-12-090	\$80.85	FM-304-12-090 DLC	\$101.15
FM-304-12-120	\$80.85	FM-304-12-120 DLC	\$101.15
FM-304-12-BN	\$82.80	FM-304-12-BN DLC	\$103.10
FM-305-12	\$80.25	FM-305-12 DLC	\$100.55
FM-305-12-030	\$82.00	FM-305-12-030 DLC	\$102.30
FM-305-12-060	\$82.00	FM-305-12-060 DLC	\$102.30
FM-305-12-090	\$83.95	FM-305-12-090 DLC	\$104.25
FM-305-12-120	\$83.95	FM-305-12-120 DLC	\$104.25
FM-305-12-BN	\$85.90	FM-305-12-BN DLC	\$106.20

FM-301-16	\$108.25	FM-301-16 DLC	\$128.55
FM-301-16-030	\$111.75	FM-301-16-030 DLC	\$132.05
FM-301-16-060	\$111.75	FM-301-16-060 DLC	\$132.05
FM-301-16-090	\$115.45	FM-301-16-090 DLC	\$135.75
FM-301-16-120	\$115.45	FM-301-16-120 DLC	\$135.75
FM-301-16-BN	\$119.15	FM-301-16-BN DLC	\$139.45
FM-302-16	\$111.35	FM-302-16 DLC	\$131.65
FM-302-16-030	\$114.85	FM-302-16-030 DLC	\$135.15
FM-302-16-060	\$114.85	FM-302-16-060 DLC	\$135.15
FM-302-16-090	\$118.55	FM-302-16-090 DLC	\$138.85
FM-302-16-120	\$118.55	FM-302-16-120 DLC	\$138.85
FM-302-16-BN	\$122.25	FM-302-16-BN DLC	\$142.55
FM-304-16	\$114.45	FM-304-16 DLC	\$134.75
FM-304-16-030	\$117.95	FM-304-16-030 DLC	\$138.25
FM-304-16-060	\$117.95	FM-304-16-060 DLC	\$138.25
FM-304-16-090	\$121.65	FM-304-16-090 DLC	\$141.95
FM-304-16-120	\$121.65	FM-304-16-120 DLC	\$141.95
FM-304-16-BN	\$125.35	FM-304-16-BN DLC	\$145.65
FM-305-16	\$117.55	FM-305-16 DLC	\$137.85
FM-305-16-030	\$121.05	FM-305-16-030 DLC	\$141.35
FM-305-16-060	\$121.05	FM-305-16-060 DLC	\$141.35
FM-305-16-090	\$124.75	FM-305-16-090 DLC	\$145.05
FM-305-16-120	\$124.75	FM-305-16-120 DLC	\$145.05
FM-305-16-BN	\$128.45	FM-305-16-BN DLC	\$148.75

FM-301-20	\$149.35	FM-301-20 DLC	\$169.65
FM-301-20-030	\$152.75	FM-301-20-030 DLC	\$173.05
FM-301-20-060	\$152.75	FM-301-20-060 DLC	\$173.05
FM-301-20-090	\$157.20	FM-301-20-090 DLC	\$177.50
FM-301-20-120	\$157.20	FM-301-20-120 DLC	\$177.50
FM-301-20-BN	\$161.65	FM-301-20-BN DLC	\$181.95
FM-302-20	\$152.95	FM-302-20 DLC	\$173.25
FM-302-20-030	\$156.35	FM-302-20-030 DLC	\$176.65
FM-302-20-060	\$156.35	FM-302-20-060 DLC	\$176.65
FM-302-20-090	\$160.80	FM-302-20-090 DLC	\$181.10
FM-302-20-120	\$160.80	FM-302-20-120 DLC	\$181.10
FM-302-20-BN	\$165.25	FM-302-20-BN DLC	\$185.55
FM-304-20	\$156.55	FM-304-20 DLC	\$176.85
FM-304-20-030	\$159.95	FM-304-20-030 DLC	\$180.25
FM-304-20-060	\$159.95	FM-304-20-060 DLC	\$180.25
FM-304-20-090	\$164.40	FM-304-20-090 DLC	\$184.70
FM-304-20-120	\$164.40	FM-304-20-120 DLC	\$184.70
FM-304-20-BN	\$168.85	FM-304-20-BN DLC	\$189.15
FM-305-20	\$160.15	FM-305-20 DLC	\$180.45
FM-305-20-030	\$163.55	FM-305-20-030 DLC	\$183.85
FM-305-20-060	\$163.55	FM-305-20-060 DLC	\$183.85
FM-305-20-090	\$168.00	FM-305-20-090 DLC	\$188.30
FM-305-20-120	\$168.00	FM-305-20-120 DLC	\$188.30
FM-305-20-BN	\$172.45	FM-305-20-BN DLC	\$192.75

Aluminum Applications

FM 3 Flute (Short to Long Reach) —CONTINUED FROM PREVIOUS

Tool Number Uncoated	Price Uncoated	Tool Number DLC Coated	Price DLC Coated
FM-301-24	\$192.10	FM-301-24 DLC	\$232.75
FM-301-24-030	\$194.80	FM-301-24-030 DLC	\$235.45
FM-301-24-060	\$194.80	FM-301-24-060 DLC	\$235.45
FM-301-24-090	\$197.95	FM-301-24-090 DLC	\$238.60
FM-301-24-120	\$197.95	FM-301-24-120 DLC	\$238.60
FM-301-24-BN	\$201.10	FM-301-24-BN DLC	\$241.75
FM-302-24	\$196.20	FM-302-24 DLC	\$236.85
FM-302-24-030	\$198.90	FM-302-24-030 DLC	\$239.55
FM-302-24-060	\$198.90	FM-302-24-060 DLC	\$239.55
FM-302-24-090	\$202.05	FM-302-24-090 DLC	\$242.70
FM-302-24-120	\$202.05	FM-302-24-120 DLC	\$242.70
FM-302-24-BN	\$205.20	FM-302-24-BN DLC	\$245.85
FM-304-24	\$200.35	FM-304-24 DLC	\$241.00
FM-304-24-030	\$203.05	FM-304-24-030 DLC	\$243.70
FM-304-24-060	\$203.05	FM-304-24-060 DLC	\$243.70
FM-304-24-090	\$206.20	FM-304-24-090 DLC	\$246.85
FM-304-24-120	\$206.20	FM-304-24-120 DLC	\$246.85
FM-304-24-BN	\$209.35	FM-304-24-BN DLC	\$250.00
FM-305-24	\$204.45	FM-305-24 DLC	\$245.10
FM-305-24-030	\$207.15	FM-305-24-030 DLC	\$247.80
FM-305-24-060	\$207.15	FM-305-24-060 DLC	\$247.80
FM-305-24-090	\$210.30	FM-305-24-090 DLC	\$250.95
FM-305-24-120	\$210.30	FM-305-24-120 DLC	\$250.95
FM-305-24-BN	\$213.45	FM-304-24-BN DLC	\$254.10

FM-301-32	\$237.20	FM-301-32 DLC	\$277.85
FM-301-32-030	\$242.15	FM-301-32-030 DLC	\$282.80
FM-301-32-060	\$242.15	FM-301-32-060 DLC	\$282.80
FM-301-32-090	\$246.80	FM-301-32-090 DLC	\$287.45
FM-301-32-120	\$246.80	FM-301-32-120 DLC	\$287.45
FM-301-32-BN	\$251.55	FM-301-32-BN DLC	\$292.20
FM-302-32	\$242.35	FM-302-32 DLC	\$283.00
FM-302-32-030	\$247.30	FM-302-32-030 DLC	\$287.95
FM-302-32-060	\$247.30	FM-302-32-060 DLC	\$287.95
FM-302-32-090	\$251.95	FM-302-32-090 DLC	\$292.60
FM-302-32-120	\$251.95	FM-302-32-120 DLC	\$292.60
FM-302-32-BN	\$256.70	FM-302-32-BN DLC	\$297.35
FM-303-32	\$247.50	FM-303-32 DLC	\$288.15
FM-303-32-030	\$252.45	FM-303-32-030 DLC	\$293.10
FM-303-32-060	\$252.45	FM-303-32-060 DLC	\$293.10
FM-303-32-090	\$257.10	FM-303-32-090 DLC	\$297.75
FM-303-32-120	\$257.10	FM-303-32-120 DLC	\$297.75
FM-303-32-BN	\$261.75	FM-303-32-BN DLC	\$302.40
FM-304-32	\$252.65	FM-304-32 DLC	\$293.30
FM-304-32-030	\$257.60	FM-304-32-030 DLC	\$298.25
FM-304-32-060	\$257.60	FM-304-32-060 DLC	\$298.25
FM-304-32-090	\$262.25	FM-304-32-090 DLC	\$302.90
FM-304-32-120	\$262.25	FM-304-32-120 DLC	\$302.90
FM-304-32-BN	\$266.90	FM-304-32-BN DLC	\$307.55

MFM 2 Flute Metric (Short to Long Reach) METRIC

Tool Number Uncoated	Price Uncoated	Tool Number DLC Coated	Price DLC Coated
MFM-201-06-050	\$52.10	MFM-201-06-050 DLC	\$72.40
MFM-201-06-100	\$52.10	MFM-201-06-100 DLC	\$72.40
MFM-202-06-050	\$55.20	MFM-202-06-050 DLC	\$75.50
MFM-202-06-100	\$55.20	MFM-202-06-100 DLC	\$75.50
MFM-203-06-050	\$58.30	MFM-203-06-050 DLC	\$78.60
MFM-203-06-100	\$58.30	MFM-203-06-100 DLC	\$78.60
MFM-204-06-050	\$61.40	MFM-204-06-050 DLC	\$81.70
MFM-204-06-100	\$61.40	MFM-204-06-100 DLC	\$81.70

MFM-201-08-100	\$62.55	MFM-201-08-100 DLC	\$82.85
MFM-201-08-200	\$62.55	MFM-201-08-200 DLC	\$82.85
MFM-201-08-250	\$64.50	MFM-201-08-250 DLC	\$84.80
MFM-202-08-100	\$65.65	MFM-202-08-100 DLC	\$85.95
MFM-202-08-200	\$65.65	MFM-202-08-200 DLC	\$85.95
MFM-202-08-250	\$67.60	MFM-202-08-250 DLC	\$87.90
MFM-203-08-100	\$68.75	MFM-203-08-100 DLC	\$89.05
MFM-203-08-200	\$68.75	MFM-203-08-200 DLC	\$89.05
MFM-203-08-250	\$70.65	MFM-203-08-250 DLC	\$90.95
MFM-204-08-100	\$71.85	MFM-204-08-100 DLC	\$92.15
MFM-204-08-200	\$71.85	MFM-204-08-200 DLC	\$92.15
MFM-204-08-250	\$73.75	MFM-204-08-250 DLC	\$94.05

MFM-201-10-150	\$72.70	MFM-201-10-150 DLC	\$93.00
MFM-201-10-250	\$74.70	MFM-201-10-250 DLC	\$95.00
MFM-202-10-150	\$75.80	MFM-202-10-150 DLC	\$96.10
MFM-202-10-250	\$77.80	MFM-202-10-250 DLC	\$98.10
MFM-203-10-150	\$78.90	MFM-203-10-150 DLC	\$99.20
MFM-203-10-250	\$80.85	MFM-203-10-250 DLC	\$101.15
MFM-204-10-150	\$82.00	MFM-204-10-150 DLC	\$102.30
MFM-204-10-250	\$83.95	MFM-204-10-250 DLC	\$104.25
MFM-201-12-150	\$111.75	MFM-201-12-150 DLC	\$132.05
MFM-201-12-250	\$115.45	MFM-201-12-250 DLC	\$135.75
MFM-201-12-400	\$115.45	MFM-201-12-400 DLC	\$135.75
MFM-202-12-150	\$114.85	MFM-202-12-150 DLC	\$135.15
MFM-202-12-250	\$118.55	MFM-202-12-250 DLC	\$138.85
MFM-202-12-400	\$118.55	MFM-202-12-400 DLC	\$138.85
MFM-203-12-150	\$117.95	MFM-203-12-150 DLC	\$138.25
MFM-203-12-250	\$121.65	MFM-203-12-250 DLC	\$141.95
MFM-203-12-400	\$121.65	MFM-203-12-400 DLC	\$141.95
MFM-204-12-150	\$121.05	MFM-204-12-150 DLC	\$141.35
MFM-204-12-250	\$124.75	MFM-204-12-250 DLC	\$145.05
MFM-204-12-400	\$124.75	MFM-204-12-400 DLC	\$145.05

MFM-201-16-200	\$152.75	MFM-201-16-200 DLC	\$173.05
MFM-201-16-250	\$152.75	MFM-201-16-250 DLC	\$173.05
MFM-201-16-300	\$157.20	MFM-201-16-300 DLC	\$177.50
MFM-201-16-400	\$157.20	MFM-201-16-400 DLC	\$177.50
MFM-202-16-200	\$156.35	MFM-202-16-200 DLC	\$176.65
MFM-202-16-250	\$156.35	MFM-202-16-250 DLC	\$176.65
MFM-202-16-300	\$160.80	MFM-202-16-300 DLC	\$181.10
MFM-202-16-400	\$160.80	MFM-202-16-400 DLC	\$181.10
MFM-203-16-200	\$159.95	MFM-203-16-200 DLC	\$180.25
MFM-203-16-250	\$159.95	MFM-203-16-250 DLC	\$180.25
MFM-203-16-300	\$164.40	MFM-203-16-300 DLC	\$184.70
MFM-203-16-400	\$164.40	MFM-203-16-400 DLC	\$184.70
MFM-204-16-200	\$163.55	MFM-204-16-200 DLC	\$183.85
MFM-204-16-250	\$163.55	MFM-204-16-250 DLC	\$183.85
MFM-204-16-300	\$168.00	MFM-204-16-300 DLC	\$188.30
MFM-204-16-400	\$168.00	MFM-204-16-400 DLC	\$188.30
MFM-201-20-200	\$194.80	MFM-201-20-200 DLC	\$235.45
MFM-201-20-250	\$194.80	MFM-201-20-250 DLC	\$235.45

Aluminum Applications

MFM 2 Flute Metric (Short to Long Reach) METRIC

—CONTINUED FROM PREVIOUS

Tool Number Uncoated	Price Uncoated	Tool Number DLC Coated	Price DLC Coated
MFM-201-20-300	\$197.95	MFM-201-20-300 DLC	\$238.60
MFM-201-20-400	\$197.95	MFM-201-20-400 DLC	\$238.60
MFM-202-20-200	\$198.90	MFM-202-20-200 DLC	\$239.55
MFM-202-20-250	\$198.90	MFM-202-20-250 DLC	\$239.55
MFM-202-20-300	\$202.05	MFM-202-20-300 DLC	\$242.70
MFM-202-20-400	\$202.05	MFM-202-20-400 DLC	\$242.70
MFM-203-20-200	\$203.05	MFM-203-20-200 DLC	\$243.70
MFM-203-20-250	\$203.05	MFM-203-20-250 DLC	\$243.70
MFM-203-20-300	\$206.20	MFM-203-20-300 DLC	\$246.85
MFM-203-20-400	\$206.20	MFM-203-20-400 DLC	\$246.85
MFM-204-20-200	\$207.15	MFM-204-20-200 DLC	\$247.80
MFM-204-20-250	\$207.15	MFM-204-20-250 DLC	\$247.80
MFM-204-20-300	\$210.30	MFM-204-20-300 DLC	\$250.95
MFM-204-20-400	\$210.30	MFM-204-20-400 DLC	\$250.95
MFM-201-25-250	\$246.80	MFM-201-25-250 DLC	\$328.05
MFM-201-25-400	\$246.80	MFM-201-25-400 DLC	\$328.05
MFM-202-25-250	\$251.95	MFM-202-25-250 DLC	\$333.20
MFM-202-25-400	\$251.95	MFM-202-25-400 DLC	\$333.20
MFM-204-25-250	\$262.25	MFM-204-25-250 DLC	\$343.50
MFM-204-25-400	\$262.25	MFM-204-25-400 DLC	\$343.50

S1-201 2 Flute C-2 Grade Stub Length

Tool Number Uncoated	Price Uncoated	Tool Number DLC Coated	Price DLC Coated
S1-201-02	\$14.45	S1-201-02 DLC	\$17.85
S1-201-03	\$14.35	S1-201-03 DLC	\$17.75
S1-201-04	\$14.00	S1-201-04 DLC	\$17.40
S1-201-06	\$15.15	S1-201-06 DLC	\$19.65
S1-201-08	\$19.10	S1-201-08 DLC	\$32.65
S1-201-10	\$23.80	S1-201-10 DLC	\$37.35
S1-201-12	\$31.90	S1-201-12 DLC	\$45.45
S1-201-14	\$41.65	S1-201-14 DLC	\$61.95
S1-201-16	\$46.55	S1-201-16 DLC	\$66.85
S1-201-20	\$91.80	S1-201-20 DLC	\$112.10
S1-201-24	\$135.55	S1-201-24 DLC	\$176.20

MS1-201 Metric 2 Flute C-2 Grade Stub Length METRIC

Tool Number Uncoated	Price Uncoated	Tool Number DLC Coated	Price DLC Coated
MS1-201-02	\$15.15	MS1-201-02 DLC	\$18.55
MS1-201-03	\$14.70	MS1-201-03 DLC	\$18.10
MS1-201-04	\$15.40	MS1-201-04 DLC	\$19.90
MS1-201-05	\$16.00	MS1-201-05 DLC	\$29.55
MS1-201-06	\$20.20	MS1-201-06 DLC	\$33.75
MS1-201-08	\$25.85	MS1-201-08 DLC	\$39.40
MS1-201-10	\$34.40	MS1-201-10 DLC	\$54.70
MS1-201-12	\$50.60	MS1-201-12 DLC	\$70.90
MS1-201-16	\$99.35	MS1-201-16 DLC	\$119.65
MS1-201-20	\$132.45	MS1-201-20 DLC	\$173.10

S1-301 3 Flute C-2 Grade Stub Length

Tool Number Uncoated	Price Uncoated	Tool Number DLC Coated	Price DLC Coated
S1-301-02	\$14.45	S1-301-02 DLC	\$17.85
S1-301-03	\$14.35	S1-301-03 DLC	\$17.75
S1-301-04	\$14.00	S1-301-04 DLC	\$17.40
S1-301-06	\$15.15	S1-301-06 DLC	\$19.65
S1-301-08	\$19.10	S1-301-08 DLC	\$32.65
S1-301-10	\$23.80	S1-301-10 DLC	\$37.35
S1-301-12	\$31.90	S1-301-12 DLC	\$45.45
S1-301-14	\$41.65	S1-301-14 DLC	\$61.95
S1-301-16	\$46.55	S1-301-16 DLC	\$66.85

S1-401 4 Flute C-2 Grade Stub Length

Tool Number Uncoated	Price Uncoated	Tool Number DLC Coated	Price DLC Coated
S1-401-02	\$14.45	S1-401-02 DLC	\$17.85
S1-401-03	\$14.35	S1-401-03 DLC	\$17.75
S1-401-04	\$14.00	S1-401-04 DLC	\$17.40
S1-401-06	\$15.15	S1-401-06 DLC	\$19.65
S1-401-08	\$19.10	S1-401-08 DLC	\$32.65
S1-401-10	\$23.80	S1-401-10 DLC	\$37.35
S1-401-12	\$31.90	S1-401-12 DLC	\$45.45
S1-401-14	\$41.65	S1-401-14 DLC	\$61.95
S1-401-16	\$46.55	S1-401-16 DLC	\$66.85
S1-401-20	\$91.80	S1-401-20 DLC	\$112.10
S1-401-24	\$135.55	S1-401-24 DLC	\$176.20

C1-201 2 Flute C-2 Grade Standard Length

Tool Number Uncoated	Price Uncoated	Tool Number DLC Coated	Price DLC Coated
C1-201-02	\$14.65	C1-201-02 DLC	\$18.05
C1-201-03	\$14.70	C1-201-03 DLC	\$18.10
C1-201-04	\$14.45	C1-201-04 DLC	\$17.85
C1-201-05	\$18.10	C1-201-05 DLC	\$22.60
C1-201-06	\$20.40	C1-201-06 DLC	\$24.90
C1-201-07	\$24.95	C1-201-07 DLC	\$38.50
C1-201-08	\$25.75	C1-201-08 DLC	\$39.30
C1-201-09	\$25.85	C1-201-09 DLC	\$39.40
C1-201-10	\$26.85	C1-201-10 DLC	\$40.40
C1-201-12	\$34.30	C1-201-12 DLC	\$47.85
C1-201-14	\$44.95	C1-201-14 DLC	\$65.25
C1-201-16	\$51.30	C1-201-16 DLC	\$71.60
C1-201-18	\$92.25	C1-201-18 DLC	\$112.55
C1-201-20	\$99.45	C1-201-20 DLC	\$119.75
C1-201-24	\$146.85	C1-201-24 DLC	\$187.50

Aluminum Applications

MC1-201 Metric 2 Flute C-2 Grade Standard Length METRIC

Tool Number Uncoated	Price Uncoated	Tool Number DLC Coated	Price DLC Coated
MC1-201-02	\$14.70	MC1-201-02 DLC	\$18.10
MC1-201-03	\$14.45	MC1-201-03 DLC	\$17.85
MC1-201-04	\$18.10	MC1-201-04 DLC	\$22.60
MC1-201-05	\$20.40	MC1-201-05 DLC	\$33.95
MC1-201-06	\$24.95	MC1-201-06 DLC	\$38.50
MC1-201-08	\$26.85	MC1-201-08 DLC	\$40.40
MC1-201-10	\$34.30	MC1-201-10 DLC	\$54.60
MC1-201-12	\$51.30	MC1-201-12 DLC	\$71.60
MC1-201-16	\$99.45	MC1-201-16 DLC	\$119.75
MC1-201-20	\$146.85	MC1-201-20 DLC	\$187.50
MC1-201-25	\$224.90	MC1-201-25 DLC	\$265.55

C1-401 4 Flute C-2 Grade Standard Length

Tool Number Uncoated	Price Uncoated	Tool Number DLC Coated	Price DLC Coated
C1-401-02	\$14.65	C1-401-02 DLC	\$18.05
C1-401-03	\$14.70	C1-401-03 DLC	\$18.10
C1-401-04	\$14.45	C1-401-04 DLC	\$17.85
C1-401-05	\$18.10	C1-401-05 DLC	\$22.60
C1-401-06	\$20.40	C1-401-06 DLC	\$24.90
C1-401-07	\$24.95	C1-401-07 DLC	\$38.50
C1-401-08	\$25.75	C1-401-08 DLC	\$39.30
C1-401-09	\$25.85	C1-401-09 DLC	\$39.40
C1-401-10	\$26.85	C1-401-10 DLC	\$40.40
C1-401-12	\$34.30	C1-401-12 DLC	\$47.85
C1-401-14	\$44.95	C1-401-14 DLC	\$65.25
C1-401-16	\$51.30	C1-401-16 DLC	\$71.60
C1-401-18	\$92.25	C1-401-18 DLC	\$112.55
C1-401-20	\$99.45	C1-401-20 DLC	\$119.75
C1-401-24	\$146.85	C1-401-24 DLC	\$187.50

C1-301 3 Flute C-2 Grade Standard Length

Tool Number Uncoated	Price Uncoated	Tool Number DLC Coated	Price DLC Coated
C1-301-02	\$14.65	C1-301-02 DLC	\$18.05
C1-301-03	\$14.70	C1-301-03 DLC	\$18.10
C1-301-04	\$14.45	C1-301-04 DLC	\$17.85
C1-301-05	\$18.10	C1-301-05 DLC	\$22.60
C1-301-06	\$20.40	C1-301-06 DLC	\$24.90
C1-301-07	\$24.95	C1-301-07 DLC	\$38.50
C1-301-08	\$25.75	C1-301-08 DLC	\$39.30
C1-301-09	\$25.85	C1-301-09 DLC	\$39.40
C1-301-10	\$26.85	C1-301-10 DLC	\$40.40
C1-301-12	\$34.30	C1-301-12 DLC	\$47.85
C1-301-14	\$44.95	C1-301-14 DLC	\$65.25
C1-301-16	\$51.30	C1-301-16 DLC	\$71.60
C1-301-18	\$92.25	C1-301-18 DLC	\$112.55
C1-301-20	\$99.45	C1-301-20 DLC	\$119.75
C1-301-24	\$146.85	C1-301-24 DLC	\$187.50

WU1-310 3 Flute Standard Length (10° Helix)

Up Shear

Tool Number Uncoated	Price Uncoated
WU1-310-16	\$79.50
WU1-310-20	\$119.35
WU1-310-24	\$164.35

Down Shear

Tool Number Uncoated	Price Uncoated
WD1-310-16	\$79.50
WD1-310-20	\$119.35
WD1-310-24	\$164.35

MC1-301 Metric 3 Flute C-2 Grade Standard Length METRIC

Tool Number Uncoated	Price Uncoated	Tool Number DLC Coated	Price DLC Coated
MC1-301-02	\$14.70	MC1-301-02 DLC	\$18.10
MC1-301-03	\$14.45	MC1-301-03 DLC	\$17.85
MC1-301-04	\$18.10	MC1-301-04 DLC	\$22.60
MC1-301-05	\$20.40	MC1-301-05 DLC	\$33.95
MC1-301-06	\$24.95	MC1-301-06 DLC	\$38.50
MC1-301-08	\$26.85	MC1-301-08 DLC	\$40.40
MC1-301-10	\$34.30	MC1-301-10 DLC	\$54.60
MC1-301-12	\$51.30	MC1-301-12 DLC	\$71.60
MC1-301-16	\$99.45	MC1-301-16 DLC	\$119.75
MC1-301-20	\$146.85	MC1-301-20 DLC	\$187.50
MC1-301-25	\$224.90	MC1-301-25 DLC	\$265.55

Titanium, Steel & High-Temp Alloys

XG-400 4 Flute Stub Length

Tool Number Flats, AITiN Coated	Price Flats, AITiN Coated	Tool Number No Flats, AITiN Coated	Price No Flats, AITiN Coated
XG-400-08 FL	\$52.80	XG-400-08	\$52.80
XG-400-10 FL	\$60.50	XG-400-10	\$60.50
XG-400-12 FL	\$65.45	XG-400-12	\$65.45
XG-400-16 FL	\$103.60	XG-400-16	\$103.60
XG-400-20 FL	\$170.85	XG-400-20	\$170.85
XG-400-24 FL	\$254.15	XG-400-24	\$254.15
XG-400-32 FL	\$292.35	XG-400-32	\$292.35

XG-402BN 4 Flute Ball End Standard Length

Tool Number Flats, AITiN Coated	Price Flats, AITiN Coated	Tool Number No Flats, AITiN Coated	Price No Flats, AITiN Coated
XG-402-08BN FL	\$61.55	XG-402-08BN	\$61.55
XG-402-10BN FL	\$68.95	XG-402-10BN	\$68.95
XG-402-12BN FL	\$88.05	XG-402-12BN	\$88.05
XG-402-16BN FL	\$123.10	XG-402-16BN	\$123.10
XG-402-20BN FL	\$204.85	XG-402-20BN	\$204.85
XG-402-24BN FL	\$284.00	XG-402-24BN	\$284.00
XG-402-32BN FL	\$332.05	XG-402-32BN	\$332.05

XG-402 4 Flute Standard Length

Tool Number Flats, AITiN Coated	Price Flats, AITiN Coated	Tool Number No Flats, AITiN Coated	Price No Flats, AITiN Coated
XG-402-08 FL	\$56.65	XG-402-08	\$56.65
XG-402-10 FL	\$59.30	XG-402-10	\$59.30
XG-402-12 FL	\$76.45	XG-402-12	\$76.45
XG-402-16 FL	\$111.50	XG-402-16	\$111.50
XG-402-20 FL	\$191.15	XG-402-20	\$191.15
XG-402-24 FL	\$265.05	XG-402-24	\$265.05
XG-402-32 FL	\$309.25	XG-402-32	\$309.25

MXG-402BN Metric 4 Flute Ball End Standard Length METRIC

Tool Number Flats, AITiN Coated	Price Flats, AITiN Coated	Tool Number No Flats, AITiN Coated	Price No Flats, AITiN Coated
—	—	MXG-402-06BN	\$63.35
—	—	MXG-402-08BN	\$68.95
—	—	MXG-402-10BN	\$88.05
—	—	MXG-402-12BN	\$123.10
—	—	MXG-402-16BN	\$204.85
—	—	MXG-402-20BN	\$284.00

NOTE: Metric tools do not have flats.

MXG-402 Metric 4 Flute Standard Length METRIC

Tool Number Flats, AITiN Coated	Price Flats, AITiN Coated	Tool Number No Flats, AITiN Coated	Price No Flats, AITiN Coated
—	—	MXG-402-06	\$56.65
—	—	MXG-402-08	\$59.30
—	—	MXG-402-10	\$76.45
—	—	MXG-402-12	\$111.50
—	—	MXG-402-16	\$191.15
—	—	MXG-402-20	\$265.05

NOTE: Metric tools do not have flats.

XF-602/802 6/8 Flute Standard Length

Tool Number Flats, AITiN Coated	Price Flats, AITiN Coated	Tool Number No Flats, AITiN Coated	Price No Flats, AITiN Coated
XF-602-12-030 FL	\$68.80	XF-602-12-030	\$68.80
XF-602-12-060 FL	\$68.80	XF-602-12-060	\$68.80
XF-602-12-090 FL	\$68.80	XF-602-12-090	\$68.80
XF-602-16-030 FL	\$96.70	XF-602-16-030	\$96.70
XF-602-16-060 FL	\$96.70	XF-602-16-060	\$96.70
XF-602-16-090 FL	\$96.70	XF-602-16-090	\$96.70
XF-602-16-120 FL	\$96.70	XF-602-16-120	\$96.70
XF-602-20-030 FL	\$172.05	XF-602-20-030	\$172.05
XF-602-20-060 FL	\$172.05	XF-602-20-060	\$172.05
XF-602-20-090 FL	\$172.05	XF-602-20-090	\$172.05
XF-602-20-120 FL	\$172.05	XF-602-20-120	\$172.05
XF-802-24-060 FL	\$242.10	XF-802-24-060	\$242.10
XF-802-24-090 FL	\$242.10	XF-802-24-090	\$242.10
XF-802-24-120 FL	\$242.10	XF-802-24-120	\$242.10
XF-802-32-060 FL	\$374.10	XF-802-32-060	\$374.10
XF-802-32-090 FL	\$374.10	XF-802-32-090	\$374.10
XF-802-32-120 FL	\$374.10	XF-802-32-120	\$374.10

XG-500 5 Flute Stub Length

Tool Number Flats, AITiN Coated	Price Flats, AITiN Coated	Tool Number No Flats, AITiN Coated	Price No Flats, AITiN Coated
XG-500-08 FL	\$52.80	XG-500-08	\$52.80
XG-500-10 FL	\$60.50	XG-500-10	\$60.50
XG-500-12 FL	\$65.45	XG-500-12	\$65.45
XG-500-16 FL	\$103.60	XG-500-16	\$103.60
XG-500-20 FL	\$170.85	XG-500-20	\$170.85
XG-500-24 FL	\$254.15	XG-500-24	\$254.15
XG-500-32 FL	\$292.35	XG-500-32	\$292.35

XG-502 5 Flute Standard Length

Tool Number Flats, AITiN Coated	Price Flats, AITiN Coated	Tool Number No Flats, AITiN Coated	Price No Flats, AITiN Coated
XG-502-08 FL	\$56.65	XG-502-08	\$56.65
XG-502-10 FL	\$59.30	XG-502-10	\$59.30
XG-502-12 FL	\$76.45	XG-502-12	\$76.45
XG-502-16 FL	\$111.50	XG-502-16	\$111.50
XG-502-20 FL	\$191.15	XG-502-20	\$191.15
XG-502-24 FL	\$265.05	XG-502-24	\$265.05
XG-502-32 FL	\$309.25	XG-502-32	\$309.25

Titanium, Steel & High-Temp Alloys

ST-341 3 Flute Super Tuffy Carbide Stub Length

Tool Number Uncoated	Price Uncoated	Tool Number TiN Coated	Price TiN Coated	Tool Number TiCN Coated	Price TiCN Coated	Tool Number AlTiN Coated	Price AlTiN Coated
ST-341-04	\$20.00	ST-341-04 T	\$20.00	ST-341-04 C	\$20.00	ST-341-04 A	\$20.00
ST-341-06	\$29.85	ST-341-06 T	\$29.85	ST-341-06 C	\$29.85	ST-341-06 A	\$29.85
ST-341-08	\$33.95	ST-341-08 T	\$33.95	ST-341-08 C	\$33.95	ST-341-08 A	\$33.95
ST-341-10	\$39.00	ST-341-10 T	\$39.00	ST-341-10 C	\$39.00	ST-341-10 A	\$39.00
ST-341-12	\$44.90	ST-341-12 T	\$44.90	ST-341-12 C	\$44.90	ST-341-12 A	\$44.90
ST-341-16	\$71.05	ST-341-16 T	\$71.05	ST-341-16 C	\$71.05	ST-341-16 A	\$71.05
ST-341-20	\$125.65	ST-341-20 T	\$125.65	ST-341-20 C	\$125.65	ST-341-20 A	\$125.65
ST-341-24	\$187.45	ST-341-24 T	\$187.45	ST-341-24 C	\$187.45	ST-341-24 A	\$187.45

MST-341 Metric 3 Flute Super Tuffy Carbide Stub Length METRIC

Tool Number Uncoated	Price Uncoated	Tool Number TiN Coated	Price TiN Coated	Tool Number TiCN Coated	Price TiCN Coated	Tool Number AlTiN Coated	Price AlTiN Coated
MST-341-03	\$20.00	MST-341-03 T	\$20.00	MST-341-03 C	\$20.00	MST-341-03 A	\$20.00
MST-341-04	\$29.35	MST-341-04 T	\$29.35	MST-341-04 C	\$29.35	MST-341-04 A	\$29.35
MST-341-05	\$29.85	MST-341-05 T	\$29.85	MST-341-05 C	\$29.85	MST-341-05 A	\$29.85
MST-341-06	\$33.95	MST-341-06 T	\$33.95	MST-341-06 C	\$33.95	MST-341-06 A	\$33.95
MST-341-08	\$39.00	MST-341-08 T	\$39.00	MST-341-08 C	\$39.00	MST-341-08 A	\$39.00
MST-341-10	\$44.90	MST-341-10 T	\$44.90	MST-341-10 C	\$44.90	MST-341-10 A	\$44.90
MST-341-12	\$71.05	MST-341-12 T	\$71.05	MST-341-12 C	\$71.05	MST-341-12 A	\$71.05
MST-341-16	\$113.70	MST-341-16 T	\$113.70	MST-341-16 C	\$113.70	MST-341-16 A	\$113.70
MST-341-20	\$168.45	MST-341-20 T	\$168.45	MST-341-20 C	\$168.45	MST-341-20 A	\$168.45

ST-343 3 Flute Super Tuffy Carbide Standard Length

Tool Number Uncoated	Price Uncoated	Tool Number TiN Coated	Price TiN Coated	Tool Number TiCN Coated	Price TiCN Coated	Tool Number AlTiN Coated	Price AlTiN Coated
ST-343-04	\$23.60	ST-343-04 T	\$23.60	ST-343-04 C	\$23.60	ST-343-04 A	\$23.60
ST-343-06	\$35.50	ST-343-06 T	\$35.50	ST-343-06 C	\$35.50	ST-343-06 A	\$35.50
ST-343-08	\$40.30	ST-343-08 T	\$40.30	ST-343-08 C	\$40.30	ST-343-08 A	\$40.30
ST-343-10	\$46.30	ST-343-10 T	\$46.30	ST-343-10 C	\$46.30	ST-343-10 A	\$46.30
ST-343-12	\$53.50	ST-343-12 T	\$53.50	ST-343-12 C	\$53.50	ST-343-12 A	\$53.50
ST-343-16	\$79.25	ST-343-16 T	\$79.25	ST-343-16 C	\$79.25	ST-343-16 A	\$79.25
ST-343-20	\$140.40	ST-343-20 T	\$140.40	ST-343-20 C	\$140.40	ST-343-20 A	\$140.40
ST-343-24	\$195.00	ST-343-24 T	\$195.00	ST-343-24 C	\$195.00	ST-343-24 A	\$195.00

STR-301 3 Flute Super Tuffy Carbide Ruffer Stub Length

Tool Number Uncoated	Price Uncoated	Tool Number TiN Coated	Price TiN Coated	Tool Number TiCN Coated	Price TiCN Coated	Tool Number AlTiN Coated	Price AlTiN Coated
STR-301-08*	\$44.55	STR-301-08 T*	\$44.55	STR-301-08 C*	\$44.55	STR-301-08 A*	\$44.55
STR-301-10*	\$52.80	STR-301-10 T*	\$52.80	STR-301-10 C*	\$52.80	STR-301-10 A*	\$52.80
STR-301-12	\$62.40	STR-301-12 T	\$62.40	STR-301-12 C	\$62.40	STR-301-12 A	\$62.40
STR-301-14*	\$90.05	STR-301-14 T*	\$90.05	STR-301-14 C*	\$90.05	STR-301-14 A*	\$90.05
STR-301-16	\$93.70	STR-301-16 T	\$93.70	STR-301-16 C	\$93.70	STR-301-16 A	\$93.70
STR-301-20	\$158.65	STR-301-20 T	\$158.65	STR-301-20 C	\$158.65	STR-301-20 A	\$158.65
STR-301-24	\$212.95	STR-301-24 T	\$212.95	STR-301-24 C	\$212.95	STR-301-24 A	\$212.95

*Does not come with flats.

MSTR-301 Metric 3 Flute Super Tuffy Carbide Ruffer Stub Length METRIC

Tool Number Uncoated	Price Uncoated	Tool Number TiN Coated	Price TiN Coated	Tool Number TiCN Coated	Price TiCN Coated	Tool Number AlTiN Coated	Price AlTiN Coated
MSTR-301-06	\$44.55	MSTR-301-06 T	\$44.55	MSTR-301-06 C	\$44.55	MSTR-301-06 A	\$44.55
MSTR-301-08	\$52.80	MSTR-301-08 T	\$52.80	MSTR-301-08 C	\$52.80	MSTR-301-08 A	\$52.80
MSTR-301-10	\$62.40	MSTR-301-10 T	\$62.40	MSTR-301-10 C	\$62.40	MSTR-301-10 A	\$62.40
MSTR-301-12	\$93.70	MSTR-301-12 T	\$93.70	MSTR-301-12 C	\$93.70	MSTR-301-12 A	\$93.70
MSTR-301-16	\$146.50	MSTR-301-16 T	\$146.50	MSTR-301-16 C	\$146.50	MSTR-301-16 A	\$146.50
MSTR-301-20	\$201.15	MSTR-301-20 T	\$201.15	MSTR-301-20 C	\$201.15	MSTR-301-20 A	\$201.15

NOTE: Metric tools do not have flats.

Titanium, Steel & High-Temp Alloys

STR-303 3 Flute Super Tuffy Carbide Ruffer Standard Length

Tool Number Uncoated	Price Uncoated	Tool Number TiN Coated	Price TiN Coated	Tool Number TiCN Coated	Price TiCN Coated	Tool Number AlTiN Coated	Price AlTiN Coated
STR-303-08*	\$50.85	STR-303-08 T*	\$50.85	STR-303-08 C*	\$50.85	STR-303-08 A*	\$50.85
STR-303-09*	\$56.50	STR-303-09 T*	\$56.50	STR-303-09 C*	\$56.50	STR-303-09 A*	\$56.50
STR-303-10*	\$58.70	STR-303-10 T*	\$58.70	STR-303-10 C*	\$58.70	STR-303-10 A*	\$58.70
STR-303-12	\$69.25	STR-303-12 T	\$69.25	STR-303-12 C	\$69.25	STR-303-12 A	\$69.25
STR-303-14*	\$97.95	STR-303-14 T*	\$97.95	STR-303-14 C*	\$97.95	STR-303-14 A*	\$97.95
STR-303-16	\$101.85	STR-303-16 T	\$101.85	STR-303-16 C	\$101.85	STR-303-16 A	\$101.85
STR-303-18*	\$159.00	STR-303-18 T*	\$159.00	STR-303-18 C*	\$159.00	STR-303-18 A*	\$159.00
STR-303-20	\$172.45	STR-303-20 T	\$172.45	STR-303-20 C	\$172.45	STR-303-20 A	\$172.45
STR-303-24	\$231.50	STR-303-24 T	\$231.50	STR-303-24 C	\$231.50	STR-303-24 A	\$231.50
STR-303-32	\$354.05	STR-303-32 T	\$354.05	STR-303-32 C	\$354.05	STR-303-32 A	\$354.05

*Does not come with flats.

MSTR-303 Metric 3 Flute Super Tuffy Carbide Ruffer Standard Length METRIC

Tool Number Uncoated	Price Uncoated	Tool Number TiN Coated	Price TiN Coated	Tool Number TiCN Coated	Price TiCN Coated	Tool Number AlTiN Coated	Price AlTiN Coated
MSTR-303-06	\$50.85	MSTR-303-06 T	\$50.85	MSTR-303-06 C	\$50.85	MSTR-303-06 A	\$50.85
MSTR-303-08	\$58.70	MSTR-303-08 T	\$58.70	MSTR-303-08 C	\$58.70	MSTR-303-08 A	\$58.70
MSTR-303-10	\$69.25	MSTR-303-10 T	\$69.25	MSTR-303-10 C	\$69.25	MSTR-303-10 A	\$69.25
MSTR-303-12	\$101.85	MSTR-303-12 T	\$101.85	MSTR-303-12 C	\$101.85	MSTR-303-12 A	\$101.85
MSTR-303-16	\$160.60	MSTR-303-16 T	\$160.60	MSTR-303-16 C	\$160.60	MSTR-303-16 A	\$160.60
MSTR-303-20	\$219.55	MSTR-303-20 T	\$219.55	MSTR-303-20 C	\$219.55	MSTR-303-20 A	\$219.55

NOTE: Metric tools do not have flats.

STR-401 4 Flute Super Tuffy Carbide Ruffer Stub Length

Tool Number Uncoated	Price Uncoated	Tool Number TiN Coated	Price TiN Coated	Tool Number TiCN Coated	Price TiCN Coated	Tool Number AlTiN Coated	Price AlTiN Coated
STR-401-08*	\$44.55	STR-401-08 T*	\$44.55	STR-401-08 C*	\$44.55	STR-401-08 A*	\$44.55
STR-401-10*	\$52.80	STR-401-10 T*	\$52.80	STR-401-10 C*	\$52.80	STR-401-10 A*	\$52.80
STR-401-12	\$62.40	STR-401-12 T	\$62.40	STR-401-12 C	\$62.40	STR-401-12 A	\$62.40
STR-401-14*	\$90.05	STR-401-14 T*	\$90.05	STR-401-14 C*	\$90.05	STR-401-14 A*	\$90.05
STR-401-16	\$93.70	STR-401-16 T	\$93.70	STR-401-16 C	\$93.70	STR-401-16 A	\$93.70
STR-401-20	\$158.65	STR-401-20 T	\$158.65	STR-401-20 C	\$158.65	STR-401-20 A	\$158.65
STR-401-24	\$212.95	STR-401-24 T	\$212.95	STR-401-24 C	\$212.95	STR-401-24 A	\$212.95
STR-401-32	\$318.40	STR-401-32 T	\$318.40	STR-401-32 C	\$318.40	STR-401-32 A	\$318.40

*Does not come with flats.

MSTR-401 Metric 4 Flute Super Tuffy Carbide Ruffer Stub Length METRIC

Tool Number Uncoated	Price Uncoated	Tool Number TiN Coated	Price TiN Coated	Tool Number TiCN Coated	Price TiCN Coated	Tool Number AlTiN Coated	Price AlTiN Coated
MSTR-401-06	\$44.55	MSTR-401-06 T	\$44.55	MSTR-401-06 C	\$44.55	MSTR-401-06 A	\$44.55
MSTR-401-08	\$52.80	MSTR-401-08 T	\$52.80	MSTR-401-08 C	\$52.80	MSTR-401-08 A	\$52.80
MSTR-401-10	\$62.40	MSTR-401-10 T	\$62.40	MSTR-401-10 C	\$62.40	MSTR-401-10 A	\$62.40
MSTR-401-12	\$93.70	MSTR-401-12 T	\$93.70	MSTR-401-12 C	\$93.70	MSTR-401-12 A	\$93.70
MSTR-401-16	\$146.50	MSTR-401-16 T	\$146.50	MSTR-401-16 C	\$146.50	MSTR-401-16 A	\$146.50
MSTR-401-20	\$201.15	MSTR-401-16 T	\$201.15	MSTR-401-16 C	\$201.15	MSTR-401-16 A	\$201.15

NOTE: Metric tools do not have flats.

Titanium, Steel & High-Temp Alloys

STR-404 4 Flute Super Tuffy Carbide Ruffer Standard Length

Tool Number Uncoated	Price Uncoated	Tool Number TiN Coated	Price TiN Coated	Tool Number TiCN Coated	Price TiCN Coated	Tool Number AITiN Coated	Price AITiN Coated
STR-404-08*	\$50.85	STR-404-08 T*	\$50.85	STR-404-08 C*	\$50.85	STR-404-08 A*	\$50.85
STR-404-09*	\$56.50	STR-404-09 T*	\$56.50	STR-404-09 C*	\$56.50	STR-404-09 A*	\$56.50
STR-404-10*	\$58.70	STR-404-10 T*	\$58.70	STR-404-10 C*	\$58.70	STR-404-10 A*	\$58.70
STR-404-12	\$69.25	STR-404-12 T	\$69.25	STR-404-12 C	\$69.25	STR-404-12 A	\$69.25
STR-404-14*	\$97.95	STR-404-14 T*	\$97.95	STR-404-14 C*	\$97.95	STR-404-14 A*	\$97.95
STR-404-16	\$101.85	STR-404-16 T	\$101.85	STR-404-16 C	\$101.85	STR-404-16 A	\$101.85
STR-404-18*	\$159.00	STR-404-18 T*	\$159.00	STR-404-18 C*	\$159.00	STR-404-18 A*	\$159.00
STR-404-20	\$172.45	STR-404-20 T	\$172.45	STR-404-20 C	\$172.45	STR-404-20 A	\$172.45
STR-404-24	\$231.50	STR-404-24 T	\$231.50	STR-404-24 C	\$231.50	STR-404-24 A	\$231.50
STR-404-32	\$354.05	STR-404-32 T	\$354.05	STR-404-32 C	\$354.05	STR-404-32 A	\$354.05

*Does not come with flats.

MSTR-404 Metric 4 Flute Super Tuffy Carbide Ruffer Standard Length METRIC

Tool Number Uncoated	Price Uncoated	Tool Number TiN Coated	Price TiN Coated	Tool Number TiCN Coated	Price TiCN Coated	Tool Number AITiN Coated	Price AITiN Coated
MSTR-404-06	\$50.85	MSTR-404-06 T	\$50.85	MSTR-404-06 C	\$50.85	MSTR-404-06 A	\$50.85
MSTR-404-08	\$58.70	MSTR-404-08 T	\$58.70	MSTR-404-08 C	\$58.70	MSTR-404-08 A	\$58.70
MSTR-404-10	\$69.25	MSTR-404-10 T	\$69.25	MSTR-404-10 C	\$69.25	MSTR-404-10 A	\$69.25
MSTR-404-12	\$101.85	MSTR-404-12 T	\$101.85	MSTR-404-12 C	\$101.85	MSTR-404-12 A	\$101.85
MSTR-404-16	\$160.60	MSTR-404-16 T	\$160.60	MSTR-404-16 C	\$160.60	MSTR-404-16 A	\$160.60
MSTR-404-20	\$219.55	MSTR-404-20 T	\$219.55	MSTR-404-20 C	\$219.55	MSTR-404-20 A	\$219.55

NOTE: Metric tools do not have flats.

B-300 3 Flute Tuffy Ball End Stub Length

Tool Number Uncoated	Price Uncoated	Tool Number TiN Coated	Price TiN Coated	Tool Number TiCN Coated	Price TiCN Coated	Tool Number AITiN Coated	Price AITiN Coated
B-300-04 T	\$21.50	B-300-04 T	\$21.50	B-300-04 C	\$21.50	B-300-04 A	\$21.50
B-300-06 T	\$27.70	B-300-06 T	\$27.70	B-300-06 C	\$27.70	B-300-06 A	\$27.70
B-300-08 T	\$33.50	B-300-08 T	\$33.50	B-300-08 C	\$33.50	B-300-08 A	\$33.50
B-300-10 T	\$35.90	B-300-10 T	\$35.90	B-300-10 C	\$35.90	B-300-10 A	\$35.90
B-300-12 T	\$51.40	B-300-12 T	\$51.40	B-300-12 C	\$51.40	B-300-12 A	\$51.40
B-300-16 T	\$80.00	B-300-16 T	\$80.00	B-300-16 C	\$80.00	B-300-16 A	\$80.00
B-300-20 T	\$144.15	B-300-20 T	\$144.15	B-300-20 C	\$144.15	B-300-20 A	\$144.15
B-300-24 T	\$216.45	B-300-24 T	\$216.45	B-300-24 C	\$216.45	B-300-24 A	\$216.45

B-330 3 Flute Tuffy Ball End Standard Length

Tool Number Uncoated	Price Uncoated	Tool Number TiN Coated	Price TiN Coated	Tool Number TiCN Coated	Price TiCN Coated	Tool Number AITiN Coated	Price AITiN Coated
B-330-04	\$25.25	B-330-04 T	\$25.25	B-330-04 C	\$25.25	B-330-04 A	\$25.25
B-330-06	\$31.45	B-330-06 T	\$31.45	B-330-06 C	\$31.45	B-330-06 A	\$31.45
B-330-08	\$36.45	B-330-08 T	\$36.45	B-330-08 C	\$36.45	B-330-08 A	\$36.45
B-330-10	\$38.15	B-330-10 T	\$38.15	B-330-10 C	\$38.15	B-330-10 A	\$38.15
B-330-12	\$52.50	B-330-12 T	\$52.50	B-330-12 C	\$52.50	B-330-12 A	\$52.50
B-330-16	\$82.50	B-330-16 T	\$82.50	B-330-16 C	\$82.50	B-330-16 A	\$82.50
B-330-20	\$150.70	B-330-20 T	\$150.70	B-330-20 C	\$150.70	B-330-20 A	\$150.70
B-330-24	\$221.50	B-330-24 T	\$221.50	B-330-24 C	\$221.50	B-330-24 A	\$221.50

Titanium, Steel & High-Temp Alloys

B-440 4 Flute Tuffy Ball End Standard Length 40° Helix

Tool Number Uncoated	Price Uncoated	Tool Number TiN Coated	Price TiN Coated	Tool Number TiCN Coated	Price TiCN Coated	Tool Number AlTiN Coated	Price AlTiN Coated
B-440-04	\$25.25	B-440-04 T	\$25.25	B-440-04 C	\$25.25	B-440-04 A	\$25.25
B-440-06	\$31.45	B-440-06 T	\$31.45	B-440-06 C	\$31.45	B-440-06 A	\$31.45
B-440-08	\$36.45	B-440-08 T	\$36.45	B-440-08 C	\$36.45	B-440-08 A	\$36.45
B-440-10	\$38.15	B-440-10 T	\$38.15	B-440-10 C	\$38.15	B-440-10 A	\$38.15
B-440-12	\$52.50	B-440-12 T	\$52.50	B-440-12 C	\$52.50	B-440-12 A	\$52.50
B-440-16	\$82.50	B-440-16 T	\$82.50	B-440-16 C	\$82.50	B-440-16 A	\$82.50
B-440-20	\$150.70	B-440-20 T	\$150.70	B-440-20 C	\$150.70	B-440-20 A	\$150.70
B-440-24	\$221.50	B-440-24 T	\$221.50	B-440-24 C	\$221.50	B-440-24 A	\$221.50

MB-440 Metric 4 Flute Tuffy Ball End Standard Length 40° Helix METRIC

Tool Number Uncoated	Price Uncoated	Tool Number TiN Coated	Price TiN Coated	Tool Number TiCN Coated	Price TiCN Coated	Tool Number AlTiN Coated	Price AlTiN Coated
MB-440-03	\$26.05	MB-440-03 T	\$26.05	MB-440-03 C	\$26.05	MB-440-03 A	\$26.05
MB-440-04	\$31.85	MB-440-04 T	\$31.85	MB-440-04 C	\$31.85	MB-440-04 A	\$31.85
MB-440-05	\$32.40	MB-440-05 T	\$32.40	MB-440-05 C	\$32.40	MB-440-05 A	\$32.40
MB-440-06	\$37.60	MB-440-06 T	\$37.60	MB-440-06 C	\$37.60	MB-440-06 A	\$37.60
MB-440-08	\$39.30	MB-440-08 T	\$39.30	MB-440-08 C	\$39.30	MB-440-08 A	\$39.30
MB-440-10	\$52.50	MB-440-10 T	\$52.50	MB-440-10 C	\$52.50	MB-440-10 A	\$52.50
MB-440-12	\$82.50	MB-440-12 T	\$82.50	MB-440-12 C	\$82.50	MB-440-12 A	\$82.50
MB-440-16	\$150.70	MB-440-16 T	\$150.70	MB-440-16 C	\$150.70	MB-440-16 A	\$150.70
MB-440-20	\$209.65	MB-440-20 T	\$209.65	MB-440-20 C	\$209.65	MB-440-20 A	\$209.65

ST-360 3 Flute Super Tuffy Carbide Standard Length

Tool Number Uncoated	Price Uncoated	Tool Number TiN Coated	Price TiN Coated	Tool Number TiCN Coated	Price TiCN Coated	Tool Number AlTiN Coated	Price AlTiN Coated
ST-360-04	\$22.05	ST-360-04 T	\$22.05	ST-360-04 C	\$22.05	ST-360-04 A	\$22.05
ST-360-06	\$34.40	ST-360-06 T	\$34.40	ST-360-06 C	\$34.40	ST-360-06 A	\$34.40
ST-360-08	\$37.35	ST-360-08 T	\$37.35	ST-360-08 C	\$37.35	ST-360-08 A	\$37.35
ST-360-10	\$45.20	ST-360-10 T	\$45.20	ST-360-10 C	\$45.20	ST-360-10 A	\$45.20
ST-360-12	\$53.60	ST-360-12 T	\$53.60	ST-360-12 C	\$53.60	ST-360-12 A	\$53.60
ST-360-14	\$74.50	ST-360-14 T	\$74.50	ST-360-14 C	\$74.50	ST-360-14 A	\$74.50
ST-360-16	\$79.75	ST-360-16 T	\$79.75	ST-360-16 C	\$79.75	ST-360-16 A	\$79.75
ST-360-18	\$125.65	ST-360-18 T	\$125.65	ST-360-18 C	\$125.65	ST-360-18 A	\$125.65
ST-360-20	\$140.35	ST-360-20 T	\$140.35	ST-360-20 C	\$140.35	ST-360-20 A	\$140.35
ST-360-24	\$195.90	ST-360-24 T	\$195.90	ST-360-24 C	\$195.90	ST-360-24 A	\$195.90

MST-360 Metric 3 Flute Super Tuffy Carbide Standard Length METRIC

Tool Number Uncoated	Price Uncoated	Tool Number TiN Coated	Price TiN Coated	Tool Number TiCN Coated	Price TiCN Coated	Tool Number AlTiN Coated	Price AlTiN Coated
MST-360-03	\$21.00	MST-360-03 T	\$21.00	MST-360-03 C	\$21.00	MST-360-03 A	\$21.00
MST-360-04	\$27.00	MST-360-04 T	\$27.00	MST-360-04 C	\$27.00	MST-360-04 A	\$27.00
MST-360-05	\$32.65	MST-360-05 T	\$32.65	MST-360-05 C	\$32.65	MST-360-05 A	\$32.65
MST-360-06	\$35.55	MST-360-06 T	\$35.55	MST-360-06 C	\$35.55	MST-360-06 A	\$35.55
MST-360-08	\$44.00	MST-360-08 T	\$44.00	MST-360-08 C	\$44.00	MST-360-08 A	\$44.00
MST-360-10	\$52.20	MST-360-10 T	\$52.20	MST-360-10 C	\$52.20	MST-360-10 A	\$52.20
MST-360-12	\$78.00	MST-360-12 T	\$78.00	MST-360-12 C	\$78.00	MST-360-12 A	\$78.00
MST-360-16	\$122.40	MST-360-16 T	\$122.40	MST-360-16 C	\$122.40	MST-360-16 A	\$122.40
MST-360-20	\$182.40	MST-360-20 T	\$182.40	MST-360-20 C	\$182.40	MST-360-20 A	\$182.40

Titanium, Steel & High-Temp Alloys

ST-646 6 Flute Super Tuffy Carbide Standard Length

Tool Number Uncoated	Price Uncoated	Tool Number TiN Coated	Price TiN Coated	Tool Number TiCN Coated	Price TiCN Coated	Tool Number AlTiN Coated	Price AlTiN Coated
ST-646-12	\$59.00	ST-646-12 T	\$59.00	ST-646-12 C	\$59.00	ST-646-12 A	\$59.00
ST-646-16	\$82.95	ST-646-16 T	\$82.95	ST-646-16 C	\$82.95	ST-646-16 A	\$82.95
ST-646-20	\$147.70	ST-646-20 T	\$147.70	ST-646-20 C	\$147.70	ST-646-20 A	\$147.70
ST-646-24	\$207.80	ST-646-24 T	\$207.80	ST-646-24 C	\$207.80	ST-646-24 A	\$207.80
ST-646-32	\$350.25	ST-646-32 T	\$350.25	ST-646-32 C	\$350.25	ST-646-32 A	\$350.25

MST-646 Metric 6 Flute Super Tuffy Carbide Standard Length METRIC

Tool Number Uncoated	Price Uncoated	Tool Number TiN Coated	Price TiN Coated	Tool Number TiCN Coated	Price TiCN Coated	Tool Number AlTiN Coated	Price AlTiN Coated
MST-646-10	\$59.00	MST-646-10 T	\$59.00	MST-646-10 C	\$59.00	MST-646-10 A	\$59.00
MST-646-12	\$82.95	MST-646-12 T	\$82.95	MST-646-12 C	\$82.95	MST-646-12 A	\$82.95
MST-646-16	\$138.70	MST-646-16 T	\$138.70	MST-646-16 C	\$138.70	MST-646-16 A	\$138.70
MST-646-20	\$196.60	MST-646-20 T	\$196.60	MST-646-20 C	\$196.60	MST-646-20 A	\$196.60

ST-630 6 Flute Super Tuffy Carbide Standard Length

Tool Number Uncoated	Price Uncoated	Tool Number TiN Coated	Price TiN Coated	Tool Number TiCN Coated	Price TiCN Coated	Tool Number AlTiN Coated	Price AlTiN Coated
ST-630-12	\$53.60	ST-630-12 T	\$53.60	ST-630-12 C	\$53.60	ST-630-12 A	\$53.60
ST-630-16	\$79.75	ST-630-16 T	\$79.75	ST-630-16 C	\$79.75	ST-630-16 A	\$79.75
ST-630-20	\$140.35	ST-630-20 T	\$140.35	ST-630-20 C	\$140.35	ST-630-20 A	\$140.35
ST-630-24	\$195.90	ST-630-24 T	\$195.90	ST-630-24 C	\$195.90	ST-630-24 A	\$195.90
ST-630-32	\$338.35	ST-630-32 T	\$338.35	ST-630-32 C	\$338.35	ST-630-32 A	\$338.35

ST-430 4 Flute Super Tuffy Carbide Standard Length

Tool Number Uncoated	Price Uncoated	Tool Number TiN Coated	Price TiN Coated	Tool Number TiCN Coated	Price TiCN Coated	Tool Number AlTiN Coated	Price AlTiN Coated
ST-430-04	\$22.05	ST-430-04 T	\$22.05	ST-430-04 C	\$22.05	ST-430-04 A	\$22.05
ST-430-05	\$31.15	ST-430-05 T	\$31.15	ST-430-05 C	\$31.15	ST-430-05 A	\$31.15
ST-430-06	\$34.40	ST-430-06 T	\$34.40	ST-430-06 C	\$34.40	ST-430-06 A	\$34.40
ST-430-07	\$39.30	ST-430-07 T	\$39.30	ST-430-07 C	\$39.30	ST-430-07 A	\$39.30
ST-430-08	\$37.35	ST-430-08 T	\$37.35	ST-430-08 C	\$37.35	ST-430-08 A	\$37.35
ST-430-09	\$44.15	ST-430-09 T	\$44.15	ST-430-09 C	\$44.15	ST-430-09 A	\$44.15
ST-430-10	\$45.20	ST-430-10 T	\$45.20	ST-430-10 C	\$45.20	ST-430-10 A	\$45.20
ST-430-12	\$53.60	ST-430-12 T	\$53.60	ST-430-12 C	\$53.60	ST-430-12 A	\$53.60
ST-430-14	\$74.55	ST-430-14 T	\$74.55	ST-430-14 C	\$74.55	ST-430-14 A	\$74.55
ST-430-16	\$79.75	ST-430-16 T	\$79.75	ST-430-16 C	\$79.75	ST-430-16 A	\$79.75
ST-430-18	\$125.65	ST-430-18 T	\$125.65	ST-430-18 C	\$125.65	ST-430-18 A	\$125.65
ST-430-20	\$140.35	ST-430-20 T	\$140.35	ST-430-20 C	\$140.35	ST-430-20 A	\$140.35
ST-430-24	\$195.90	ST-430-24 T	\$195.90	ST-430-24 C	\$195.90	ST-430-24 A	\$195.90

MST-430 Metric 4 Flute Super Tuffy Carbide Standard Length METRIC

Tool Number Uncoated	Price Uncoated	Tool Number TiN Coated	Price TiN Coated	Tool Number TiCN Coated	Price TiCN Coated	Tool Number AlTiN Coated	Price AlTiN Coated
MST-430-03	\$21.00	MST-430-03 T	\$21.00	MST-430-03 C	\$21.00	MST-430-03 A	\$21.00
MST-430-04	\$27.00	MST-430-04 T	\$27.00	MST-430-04 C	\$27.00	MST-430-04 A	\$27.00
MST-430-05	\$32.85	MST-430-05 T	\$32.85	MST-430-05 C	\$32.85	MST-430-05 A	\$32.85
MST-430-06	\$35.55	MST-430-06 T	\$35.55	MST-430-06 C	\$35.55	MST-430-06 A	\$35.55
MST-430-08	\$44.00	MST-430-08 T	\$44.00	MST-430-08 C	\$44.00	MST-430-08 A	\$44.00
MST-430-10	\$52.20	MST-430-10 T	\$52.20	MST-430-10 C	\$52.20	MST-430-10 A	\$52.20
MST-430-12	\$78.00	MST-430-12 T	\$78.00	MST-430-12 C	\$78.00	MST-430-12 A	\$78.00
MST-430-16	\$122.40	MST-430-16 T	\$122.40	MST-430-16 C	\$122.40	MST-430-16 A	\$122.40
MST-430-20	\$182.40	MST-430-20 T	\$182.40	MST-430-20 C	\$182.40	MST-430-20 A	\$182.40

Titanium, Steel & High-Temp Alloys

ST-434 4 Flute Super Tuffy Carbide Standard Length

Tool Number Uncoated	Price Uncoated	Tool Number TiN Coated	Price TiN Coated	Tool Number TiCN Coated	Price TiCN Coated	Tool Number AlTiN Coated	Price AlTiN Coated
ST-434-04	\$24.85	ST-434-04 T	\$24.85	ST-434-04 C	\$24.85	ST-434-04 A	\$24.85
ST-434-06	\$37.25	ST-434-06 T	\$37.25	ST-434-06 C	\$37.25	ST-434-06 A	\$37.25
ST-434-08	\$42.45	ST-434-08 T	\$42.45	ST-434-08 C	\$42.45	ST-434-08 A	\$42.45
ST-434-10	\$48.75	ST-434-10 T	\$48.75	ST-434-10 C	\$48.75	ST-434-10 A	\$48.75
ST-434-12	\$56.20	ST-434-12 T	\$56.20	ST-434-12 C	\$56.20	ST-434-12 A	\$56.20
ST-434-16	\$83.40	ST-434-16 T	\$83.40	ST-434-16 C	\$83.40	ST-434-16 A	\$83.40
ST-434-20	\$147.80	ST-434-20 T	\$147.80	ST-434-20 C	\$147.80	ST-434-20 A	\$147.80
ST-434-24	\$205.10	ST-434-24 T	\$205.10	ST-434-24 C	\$205.10	ST-434-24 A	\$205.10

MST-434 Metric 4 Flute Super Tuffy Carbide Standard Length METRIC

Tool Number Uncoated	Price Uncoated	Tool Number TiN Coated	Price TiN Coated	Tool Number TiCN Coated	Price TiCN Coated	Tool Number AlTiN Coated	Price AlTiN Coated
MST-434-03	\$23.60	MST-434-03 T	\$23.60	MST-434-03 C	\$23.60	MST-434-03 A	\$23.60
MST-434-04	\$34.30	MST-434-04 T	\$34.30	MST-434-04 C	\$34.30	MST-434-04 A	\$34.30
MST-434-05	\$35.50	MST-434-05 T	\$35.50	MST-434-05 C	\$35.50	MST-434-05 A	\$35.50
MST-434-06	\$40.30	MST-434-06 T	\$40.30	MST-434-06 C	\$40.30	MST-434-06 A	\$40.30
MST-434-08	\$46.30	MST-434-08 T	\$46.30	MST-434-08 C	\$46.30	MST-434-08 A	\$46.30
MST-434-10	\$53.25	MST-434-10 T	\$53.25	MST-434-10 C	\$53.25	MST-434-10 A	\$53.25
MST-434-12	\$79.25	MST-434-12 T	\$79.25	MST-434-12 C	\$79.25	MST-434-12 A	\$79.25
MST-434-16	\$128.55	MST-434-16 T	\$128.55	MST-434-16 C	\$128.55	MST-434-16 A	\$128.55
MST-434-20	\$180.70	MST-434-20 T	\$180.70	MST-434-20 C	\$180.70	MST-434-20 A	\$180.70

Composites & Plastics

PCD 118° PCD-Tipped Standard Length – 4 Facet

Tool Number Uncoated	Price Uncoated
PCD-118-166	\$335.55
PCD-118-192	\$335.55
PCD-118-221	\$335.55
PCD-118-251	\$335.55
PCD-118-313	\$335.55
PCD-118-377	\$335.55

PCD 135/20° PCD-Tipped Standard Length – 8 Facet

Tool Number Uncoated	Price Uncoated
PCD-13520-166	\$335.55
PCD-13520-192	\$335.55
PCD-13520-221	\$335.55
PCD-13520-251	\$335.55
PCD-13520-313	\$335.55
PCD-13520-377	\$335.55

PCD 118/20° PCD-Tipped Standard Length – 8 Facet

Tool Number Uncoated	Price Uncoated
PCD-11820-166	\$335.55
PCD-11820-192	\$335.55
PCD-11820-221	\$335.55
PCD-11820-251	\$335.55
PCD-11820-313	\$335.55
PCD-11820-377	\$335.55

PCD Elliptical PCD-Tipped Standard Length

Tool Number Uncoated	Price Uncoated
PCD-360-166	\$335.55
PCD-360-192	\$335.55
PCD-360-221	\$335.55
PCD-360-251	\$335.55
PCD-360-313	\$335.55
PCD-360-377	\$335.55

CPCD-203 Composite 2 Flute Standard Length

Tool Number Uncoated	Price Uncoated
CPCD-203-04	\$264.60
CPCD-203-06	\$310.95
CPCD-203-08	\$350.65
CPCD-203-12	\$451.85
CPCD-203-16	\$571.55
CPCD-203-20	\$652.25
CPCD-203-24	\$656.30

PCD-203 2 Flute Standard Length

Tool Number Uncoated	Price Uncoated
PCD-203-04	\$298.65
PCD-203-06	\$350.65
PCD-203-08	\$396.15
PCD-203-12	\$508.30
PCD-203-16	\$638.45
PCD-203-20	\$737.65
PCD-203-24	\$762.45

PCD-201BN 2 Flute Ball End Stub Length

Tool Number Uncoated	Price Uncoated
PCD-201-04BN	\$318.20
PCD-201-06BN	\$383.10
PCD-201-08BN	\$422.10
PCD-201-12BN	\$514.55
PCD-201-16BN	\$650.85
PCD-201-20BN	\$774.80
PCD-201-24BN	\$861.65

CR 4/6 Flute Compression Router

Tool Number Uncoated	Price Uncoated	Tool Number DLC Coated	Price DLC Coated	Tool Number Diamond Coated	Price Diamond Coated
CR-402-08	\$52.40	CR-402-08 DLC	\$71.40	CR-402-08 D	\$140.55
CR-602-12	\$64.50	CR-602-12 DLC	\$94.85	CR-602-12 D	\$154.50
CR-602-16	\$80.35	CR-602-16 DLC	\$121.95	CR-602-16 D	\$261.60

CE 6/8 Flute Carbide Composite Router

Tool Number Uncoated	Price Uncoated	Tool Number DLC Coated	Price DLC Coated	Tool Number Diamond Coated	Price Diamond Coated
CE-602-08	\$52.40	CE-602-08 DLC	\$71.40	CE-602-08 D	\$140.55
CE-802-12	\$64.50	CE-802-12 DLC	\$94.85	CE-802-12 D	\$154.50
CE-802-16	\$80.35	CE-802-16 DLC	\$121.95	CE-802-16 D	\$261.60

P810 118° Diamond Coated Standard Length Drills – 4 Facet

Tool Number Diamond Coated	Price Diamond Coated
P810-100345-1	\$103.00
P810-100344-1	\$103.00
P810-100402-1	\$113.30
P810-100409-1	\$113.30
P810-100335-1	\$113.30
P810-100404-1	\$113.30
P810-100400-1	\$123.60
P810-100336-1	\$123.60
P810-100411-1	\$123.60
P810-100405-1	\$123.60
P810-100346-1	\$123.60
P810-100337-1	\$123.60
P810-100406-1	\$139.05
P810-100407-1	\$149.35
P810-100412-1	\$149.35
P810-100408-1	\$164.80

F104 Elliptical Diamond Coated Standard Length Drills

Tool Number Diamond Coated	Price Diamond Coated
F104-100007-1	\$113.30
F104-100008-1	\$113.30
F104-100009-1	\$123.60
F104-100010-1	\$123.60
F104-100011-1	\$123.60
F104-100012-1	\$123.60
F104-100004-1	\$123.60
F104-100002-1	\$123.60
F104-100013-1	\$139.05
F104-100014-1	\$149.35
F104-100015-1	\$149.35
F104-100016-1	\$164.80
F104-100017-1	\$164.80
F104-100018-1	\$195.70
F104-100019-1	\$216.30

PM Up Shear 1 Flute Tuffy Grade

Tool Number Uncoated	Price Uncoated
PM-104-04	\$17.95
PM-108-04	\$29.35
PM-106-06	\$21.50
PM-108-06	\$29.35
PM-108-06L	\$42.40
PM-108-08	\$29.35
PM-108-08L	\$42.25
PM-112-12	\$48.10
PM-116-16	\$63.65

PMD Down Shear 1 Flute Tuffy Grade

Tool Number Uncoated	Price Uncoated
PMD-108-04	\$28.55
PMD-108-06	\$28.55
PMD-108-08	\$28.55

GTS 2 Flute Tuffy Grade Straight Flute

Tool Number Uncoated	Price Uncoated
GTS-201-04	\$24.30
GTS-201-08	\$24.30
GTS-201-12	\$42.00
GTS-201-16	\$49.80

Die/Mold & Hardened Materials

DM-201 2 Flute Grade Ball End Extended Length

Tool Number AlTiN Coated	Price AlTiN Coated
DM-201-01	\$48.80
DM-202-01	\$51.40
DM-203-01	\$53.90
DM-204-01	\$53.90
DM-205-01	\$58.40
DM-201-02	\$48.80
DM-202-02	\$51.40
DM-203-02	\$53.90
DM-204-02	\$53.90
DM-205-02	\$58.40
DM-201-03	\$48.80
DM-202-03	\$51.40
DM-203-03	\$53.90
DM-204-03	\$53.90
DM-205-03	\$58.40
DM-201-04	\$54.65
DM-202-04	\$59.75
DM-203-04	\$64.65
DM-204-04	\$64.65
DM-205-04	\$70.25
DM-201-06	\$56.85
DM-202-06	\$61.95
DM-203-06	\$66.95
DM-204-06	\$66.95
DM-205-06	\$72.55
DM-201-08	\$58.50
DM-201-10	\$66.80
DM-201-12	\$73.75
DM-201-14	\$84.40
DM-201-16	\$105.50

MDM-201 2 Flute Tuffy Ball End Extended Length **METRIC**

Tool Number AlTiN Coated	Price AlTiN Coated
MDM-201-0.5	\$48.80
MDM-203-0.5	\$51.40
MDM-204-0.5	\$53.90
MDM-205-0.5	\$53.90
MDM-206-0.5	\$58.40
MDM-201-0.8	\$48.80
MDM-203-0.8	\$51.40
MDM-204-0.8	\$53.90
MDM-205-0.8	\$53.90
MDM-206-0.8	\$58.40
MDM-201-01	\$48.80
MDM-203-01	\$51.40
MDM-204-01	\$53.90
MDM-205-01	\$53.90
MDM-206-01	\$58.40
MDM-201-01.5	\$48.80
MDM-203-01.5	\$51.40
MDM-204-01.5	\$53.90
MDM-205-01.5	\$53.90
MDM-206-01.5	\$58.40
MDM-201-02	\$48.80
MDM-203-02	\$51.40
MDM-204-02	\$53.90
MDM-205-02	\$53.90
MDM-206-02	\$58.40
MDM-201-03	\$54.65
MDM-203-03	\$59.75
MDM-204-03	\$64.65
MDM-205-03	\$64.65
MDM-206-03	\$70.25
MDM-201-04	\$56.85
MDM-203-04	\$61.95
MDM-204-04	\$66.95
MDM-205-04	\$66.95
MDM-201-05	\$56.85
MDM-203-05	\$61.95
MDM-204-05	\$66.95
MDM-201-06	\$66.95
MDM-201-08	\$66.80
MDM-201-10	\$79.85
MDM-201-12	\$94.85

TM-201 2 Flute Tuffy Grade Toroid End Mill

Tool Number AlTiN Coated	Price AlTiN Coated
TM-201-01	\$48.80
TM-202-01	\$51.40
TM-203-01	\$53.90
TM-204-01	\$53.90
TM-205-01	\$58.40
TM-201-02	\$48.80
TM-202-02	\$51.40
TM-203-02	\$53.90
TM-204-02	\$53.90
TM-205-02	\$58.40
TM-201-03	\$48.80
TM-202-03	\$51.40
TM-203-03	\$53.90
TM-204-03	\$53.90
TM-205-03	\$58.40
TM-201-04	\$54.65
TM-202-04	\$59.75
TM-203-04	\$64.65
TM-204-04	\$64.65
TM-205-04	\$70.25
TM-201-06	\$56.85
TM-202-06	\$61.95
TM-203-06	\$66.95
TM-204-06	\$66.95
TM-205-06	\$72.55
TM-201-08	\$58.50
TM-201-10	\$66.80
TM-201-12	\$73.75
TM-201-14	\$84.40
TM-201-16	\$105.50

MTM-201 Metrics 2 Flute Tuffy Grade Toroid End Mill **METRIC**

Tool Number AlTiN Coated	Price AlTiN Coated
MTM-201-0.8	\$48.80
MTM-202-0.8	\$51.40
MTM-203-0.8	\$53.90
MTM-204-0.8	\$53.90
MTM-205-0.8	\$58.40
MTM-201-01	\$48.80
MTM-202-01	\$51.40
MTM-203-01	\$53.90
MTM-204-01	\$53.90
MTM-205-01	\$58.40
MTM-201-01.5	\$48.80
MTM-202-01.5	\$51.40
MTM-203-01.5	\$53.90
MTM-204-01.5	\$53.90
MTM-205-01.5	\$58.40
MTM-201-02	\$48.80
MTM-202-02	\$51.40
MTM-203-02	\$53.90
MTM-204-02	\$53.90
MTM-205-02	\$58.40
MTM-201-03	\$54.65
MTM-202-03	\$59.75
MTM-203-03	\$64.65
MTM-204-03	\$64.65
MTM-205-03	\$70.25
MTM-201-04	\$56.85
MTM-202-04	\$61.95
MTM-203-04	\$66.95
MTM-204-04	\$66.95
MTM-205-04	\$72.55
MTM-201-06	\$56.85
MTM-202-06	\$61.95
MTM-203-06	\$66.95
MTM-204-06	\$66.95
MTM-205-06	\$72.55
MTM-201-08	\$58.50
MTM-202-08	\$61.95
MTM-203-08	\$66.95
MTM-204-08	\$66.95
MTM-205-08	\$72.55
MTM-201-10	\$79.85
MTM-201-12	\$94.85

HM Multi-Flute Tuffy Grade

Tool Number AlTiN Coated	Price AlTiN Coated
HM-402-04	\$53.30
HM-402-06	\$55.40
HM-602-08	\$57.05
HM-602-10	\$63.35
HM-602-12	\$76.50
HM-602-14	\$93.35
HM-602-16	\$110.40
HM-602-20	\$185.55
HM-802-24	\$230.50
HM-102-32	\$371.10

MHM Metric Multi-Flute Tuffy Grade **METRIC**

Tool Number AlTiN Coated	Price AlTiN Coated
MHM-402-03	\$53.30
MHM-402-04	\$55.40
MHM-402-05	\$57.05
MHM-602-06	\$65.20
MHM-602-08	\$76.50
MHM-602-10	\$93.35
MHM-602-12	\$110.40
MHM-602-16	\$185.55
MHM-802-20	\$230.50
MHM-102-25	\$371.10

Miniatures Applications

SS-2 2 Flute Tuffy Grade Stub Length

Tool Number Uncoated	Price Uncoated	Tool Number TiN Coated	Price TiN Coated	Tool Number TiCN Coated	Price TiCN Coated	Tool Number AlTiN Coated	Price AlTiN Coated	Tool Number DLC Coated	Price DLC Coated
SS-2-005	\$36.00	C-SS-2-005 T	\$37.30	C-SS-2-005 C	\$37.30	C-SS-2-005 A	\$37.30	C-SS-2-005 DLC	\$39.40
SS-2-006	\$36.00	C-SS-2-006 T	\$37.30	C-SS-2-006 C	\$37.30	C-SS-2-006 A	\$37.30	C-SS-2-006 DLC	\$39.40
SS-2-007	\$32.85	C-SS-2-007 T	\$34.15	C-SS-2-007 C	\$34.15	C-SS-2-007 A	\$34.15	C-SS-2-007 DLC	\$36.25
SS-2-008	\$32.85	C-SS-2-008 T	\$34.15	C-SS-2-008 C	\$34.15	C-SS-2-008 A	\$34.15	C-SS-2-008 DLC	\$36.25
SS-2-009	\$29.30	C-SS-2-009 T	\$30.60	C-SS-2-009 C	\$30.60	C-SS-2-009 A	\$30.60	C-SS-2-009 DLC	\$32.70
SS-2-010	\$29.30	C-SS-2-010 T	\$30.60	C-SS-2-010 C	\$30.60	C-SS-2-010 A	\$30.60	C-SS-2-010 DLC	\$32.70
SS-2-011	\$26.20	C-SS-2-011 T	\$27.50	C-SS-2-011 C	\$27.50	C-SS-2-011 A	\$27.50	C-SS-2-011 DLC	\$29.60
SS-2-012	\$26.20	C-SS-2-012 T	\$27.50	C-SS-2-012 C	\$27.50	C-SS-2-012 A	\$27.50	C-SS-2-012 DLC	\$29.60
SS-2-013	\$21.70	C-SS-2-013 T	\$23.00	C-SS-2-013 C	\$23.00	C-SS-2-013 A	\$23.00	C-SS-2-013 DLC	\$25.10
SS-2-014	\$21.70	C-SS-2-014 T	\$23.00	C-SS-2-014 C	\$23.00	C-SS-2-014 A	\$23.00	C-SS-2-014 DLC	\$25.10
SS-2-015	\$18.30	C-SS-2-015 T	\$19.60	C-SS-2-015 C	\$19.60	C-SS-2-015 A	\$19.60	C-SS-2-015 DLC	\$21.70
SS-2-016	\$18.30	C-SS-2-016 T	\$19.60	C-SS-2-016 C	\$19.60	C-SS-2-016 A	\$19.60	C-SS-2-016 DLC	\$21.70
SS-2-017	\$18.30	C-SS-2-017 T	\$19.60	C-SS-2-017 C	\$19.60	C-SS-2-017 A	\$19.60	C-SS-2-017 DLC	\$21.70
SS-2-018	\$18.30	C-SS-2-018 T	\$19.60	C-SS-2-018 C	\$19.60	C-SS-2-018 A	\$19.60	C-SS-2-018 DLC	\$21.70
SS-2-019	\$18.30	C-SS-2-019 T	\$19.60	C-SS-2-019 C	\$19.60	C-SS-2-019 A	\$19.60	C-SS-2-019 DLC	\$21.70
SS-2-020	\$16.60	C-SS-2-020 T	\$17.90	C-SS-2-020 C	\$17.90	C-SS-2-020 A	\$17.90	C-SS-2-020 DLC	\$20.00
SS-2-021	\$16.60	C-SS-2-021 T	\$17.90	C-SS-2-021 C	\$17.90	C-SS-2-021 A	\$17.90	C-SS-2-021 DLC	\$20.00
SS-2-022	\$16.60	C-SS-2-022 T	\$17.90	C-SS-2-022 C	\$17.90	C-SS-2-022 A	\$17.90	C-SS-2-022 DLC	\$20.00
SS-2-023	\$16.60	C-SS-2-023 T	\$17.90	C-SS-2-023 C	\$17.90	C-SS-2-023 A	\$17.90	C-SS-2-023 DLC	\$20.00
SS-2-024	\$16.60	C-SS-2-024 T	\$17.90	C-SS-2-024 C	\$17.90	C-SS-2-024 A	\$17.90	C-SS-2-024 DLC	\$20.00
SS-2-025	\$16.60	C-SS-2-025 T	\$17.90	C-SS-2-025 C	\$17.90	C-SS-2-025 A	\$17.90	C-SS-2-025 DLC	\$20.00
SS-2-026	\$15.70	C-SS-2-026 T	\$17.00	C-SS-2-026 C	\$17.00	C-SS-2-026 A	\$17.00	C-SS-2-026 DLC	\$19.10
SS-2-027	\$15.70	C-SS-2-027 T	\$17.00	C-SS-2-027 C	\$17.00	C-SS-2-027 A	\$17.00	C-SS-2-027 DLC	\$19.10
SS-2-028	\$15.70	C-SS-2-028 T	\$17.00	C-SS-2-028 C	\$17.00	C-SS-2-028 A	\$17.00	C-SS-2-028 DLC	\$19.10
SS-2-029	\$15.70	C-SS-2-029 T	\$17.00	C-SS-2-029 C	\$17.00	C-SS-2-029 A	\$17.00	C-SS-2-029 DLC	\$19.10
SS-2-030	\$15.70	C-SS-2-030 T	\$17.00	C-SS-2-030 C	\$17.00	C-SS-2-030 A	\$17.00	C-SS-2-030 DLC	\$19.10
SS-2-031	\$14.55	C-SS-2-031 T	\$15.85	C-SS-2-031 C	\$15.85	C-SS-2-031 A	\$15.85	C-SS-2-031 DLC	\$17.95
SS-2-032	\$14.55	C-SS-2-032 T	\$15.85	C-SS-2-032 C	\$15.85	C-SS-2-032 A	\$15.85	C-SS-2-032 DLC	\$17.95
SS-2-033	\$14.55	C-SS-2-033 T	\$15.85	C-SS-2-033 C	\$15.85	C-SS-2-033 A	\$15.85	C-SS-2-033 DLC	\$17.95
SS-2-034	\$14.55	C-SS-2-034 T	\$15.85	C-SS-2-034 C	\$15.85	C-SS-2-034 A	\$15.85	C-SS-2-034 DLC	\$17.95
SS-2-035	\$14.55	C-SS-2-035 T	\$15.85	C-SS-2-035 C	\$15.85	C-SS-2-035 A	\$15.85	C-SS-2-035 DLC	\$17.95
SS-2-036	\$14.55	C-SS-2-036 T	\$15.85	C-SS-2-036 C	\$15.85	C-SS-2-036 A	\$15.85	C-SS-2-036 DLC	\$17.95
SS-2-037	\$14.55	C-SS-2-037 T	\$15.85	C-SS-2-037 C	\$15.85	C-SS-2-037 A	\$15.85	C-SS-2-037 DLC	\$17.95
SS-2-038	\$14.55	C-SS-2-038 T	\$15.85	C-SS-2-038 C	\$15.85	C-SS-2-038 A	\$15.85	C-SS-2-038 DLC	\$17.95
SS-2-039	\$14.55	C-SS-2-039 T	\$15.85	C-SS-2-039 C	\$15.85	C-SS-2-039 A	\$15.85	C-SS-2-039 DLC	\$17.95
SS-2-040	\$14.55	C-SS-2-040 T	\$15.85	C-SS-2-040 C	\$15.85	C-SS-2-040 A	\$15.85	C-SS-2-040 DLC	\$17.95
SS-2-041	\$14.55	C-SS-2-041 T	\$15.85	C-SS-2-041 C	\$15.85	C-SS-2-041 A	\$15.85	C-SS-2-041 DLC	\$17.95
SS-2-042	\$14.55	C-SS-2-042 T	\$15.85	C-SS-2-042 C	\$15.85	C-SS-2-042 A	\$15.85	C-SS-2-042 DLC	\$17.95
SS-2-043	\$14.55	C-SS-2-043 T	\$15.85	C-SS-2-043 C	\$15.85	C-SS-2-043 A	\$15.85	C-SS-2-043 DLC	\$17.95
SS-2-044	\$14.55	C-SS-2-044 T	\$15.85	C-SS-2-044 C	\$15.85	C-SS-2-044 A	\$15.85	C-SS-2-044 DLC	\$17.95
SS-2-045	\$14.55	C-SS-2-045 T	\$15.85	C-SS-2-045 C	\$15.85	C-SS-2-045 A	\$15.85	C-SS-2-045 DLC	\$17.95
SS-2-046	\$14.55	C-SS-2-046 T	\$15.85	C-SS-2-046 C	\$15.85	C-SS-2-046 A	\$15.85	C-SS-2-046 DLC	\$17.95
SS-2-047	\$14.25	C-SS-2-047 T	\$15.55	C-SS-2-047 C	\$15.55	C-SS-2-047 A	\$15.55	C-SS-2-047 DLC	\$17.65
SS-2-048	\$14.25	C-SS-2-048 T	\$15.55	C-SS-2-048 C	\$15.55	C-SS-2-048 A	\$15.55	C-SS-2-048 DLC	\$17.65
SS-2-049	\$14.25	C-SS-2-049 T	\$15.55	C-SS-2-049 C	\$15.55	C-SS-2-049 A	\$15.55	C-SS-2-049 DLC	\$17.65
SS-2-050	\$14.25	C-SS-2-050 T	\$15.55	C-SS-2-050 C	\$15.55	C-SS-2-050 A	\$15.55	C-SS-2-050 DLC	\$17.65
SS-2-051	\$14.25	C-SS-2-051 T	\$15.55	C-SS-2-051 C	\$15.55	C-SS-2-051 A	\$15.55	C-SS-2-051 DLC	\$17.65
SS-2-052	\$14.25	C-SS-2-052 T	\$15.55	C-SS-2-052 C	\$15.55	C-SS-2-052 A	\$15.55	C-SS-2-052 DLC	\$17.65
SS-2-053	\$14.25	C-SS-2-053 T	\$15.55	C-SS-2-053 C	\$15.55	C-SS-2-053 A	\$15.55	C-SS-2-053 DLC	\$17.65
SS-2-054	\$14.25	C-SS-2-054 T	\$15.55	C-SS-2-054 C	\$15.55	C-SS-2-054 A	\$15.55	C-SS-2-054 DLC	\$17.65
SS-2-055	\$14.25	C-SS-2-055 T	\$15.55	C-SS-2-055 C	\$15.55	C-SS-2-055 A	\$15.55	C-SS-2-055 DLC	\$17.65
SS-2-056	\$14.25	C-SS-2-056 T	\$15.55	C-SS-2-056 C	\$15.55	C-SS-2-056 A	\$15.55	C-SS-2-056 DLC	\$17.65
SS-2-057	\$14.25	C-SS-2-057 T	\$15.55	C-SS-2-057 C	\$15.55	C-SS-2-057 A	\$15.55	C-SS-2-057 DLC	\$17.65
SS-2-058	\$14.25	C-SS-2-058 T	\$15.55	C-SS-2-058 C	\$15.55	C-SS-2-058 A	\$15.55	C-SS-2-058 DLC	\$17.65
SS-2-059	\$14.25	C-SS-2-059 T	\$15.55	C-SS-2-059 C	\$15.55	C-SS-2-059 A	\$15.55	C-SS-2-059 DLC	\$17.65
SS-2-060	\$14.25	C-SS-2-060 T	\$15.55	C-SS-2-060 C	\$15.55	C-SS-2-060 A	\$15.55	C-SS-2-060 DLC	\$17.65
SS-2-061	\$14.25	C-SS-2-061 T	\$15.55	C-SS-2-061 C	\$15.55	C-SS-2-061 A	\$15.55	C-SS-2-061 DLC	\$17.65
SS-2-062	\$14.25	C-SS-2-062 T	\$15.55	C-SS-2-062 C	\$15.55	C-SS-2-062 A	\$15.55	C-SS-2-062 DLC	\$17.65

Miniatures Applications

MSS-2 Metric 2 Flute Miniature Stub Length METRIC

Tool Number Uncoated	Price Uncoated	Tool Number TiN Coated	Price TiN Coated	Tool Number TiCN Coated	Price TiCN Coated	Tool Number AITiN Coated	Price AITiN Coated	Tool Number DLC Coated	Price DLC Coated
MSS-2-015	\$36.00	C-MSS-2-015 T	\$37.30	C-MSS-2-015 C	\$37.30	C-MSS-2-015 A	\$37.30	C-MSS-2-015 DLC	\$39.40
MSS-2-020	\$32.85	C-MSS-2-020 T	\$34.15	C-MSS-2-020 C	\$34.15	C-MSS-2-020 A	\$34.15	C-MSS-2-020 DLC	\$36.25
MSS-2-025	\$29.30	C-MSS-2-025 T	\$30.60	C-MSS-2-025 C	\$30.60	C-MSS-2-025 A	\$30.60	C-MSS-2-025 DLC	\$32.70
MSS-2-030	\$26.20	C-MSS-2-030 T	\$27.50	C-MSS-2-030 C	\$27.50	C-MSS-2-030 A	\$27.50	C-MSS-2-030 DLC	\$29.60
MSS-2-035	\$21.70	C-MSS-2-035 T	\$23.00	C-MSS-2-035 C	\$23.00	C-MSS-2-035 A	\$23.00	C-MSS-2-035 DLC	\$25.10
MSS-2-040	\$18.30	C-MSS-2-040 T	\$19.60	C-MSS-2-040 C	\$19.60	C-MSS-2-040 A	\$19.60	C-MSS-2-040 DLC	\$21.70
MSS-2-045	\$18.30	C-MSS-2-045 T	\$19.60	C-MSS-2-045 C	\$19.60	C-MSS-2-045 A	\$19.60	C-MSS-2-045 DLC	\$21.70
MSS-2-050	\$16.60	C-MSS-2-050 T	\$17.90	C-MSS-2-050 C	\$17.90	C-MSS-2-050 A	\$17.90	C-MSS-2-050 DLC	\$20.00
MSS-2-055	\$16.60	C-MSS-2-055 T	\$17.90	C-MSS-2-055 C	\$17.90	C-MSS-2-055 A	\$17.90	C-MSS-2-055 DLC	\$20.00
MSS-2-060	\$16.60	C-MSS-2-060 T	\$17.90	C-MSS-2-060 C	\$17.90	C-MSS-2-060 A	\$17.90	C-MSS-2-060 DLC	\$20.00
MSS-2-065	\$15.70	C-MSS-2-065 T	\$17.00	C-MSS-2-065 C	\$17.00	C-MSS-2-065 A	\$17.00	C-MSS-2-065 DLC	\$19.10
MSS-2-070	\$15.70	C-MSS-2-070 T	\$17.00	C-MSS-2-070 C	\$17.00	C-MSS-2-070 A	\$17.00	C-MSS-2-070 DLC	\$19.10
MSS-2-080	\$14.55	C-MSS-2-080 T	\$15.85	C-MSS-2-080 C	\$15.85	C-MSS-2-080 A	\$15.85	C-MSS-2-080 DLC	\$17.95
MSS-2-100	\$14.55	C-MSS-2-100 T	\$15.85	C-MSS-2-100 C	\$15.85	C-MSS-2-100 A	\$15.85	C-MSS-2-100 DLC	\$17.95
MSS-2-150	\$14.25	C-MSS-2-150 T	\$15.55	C-MSS-2-150 C	\$15.55	C-MSS-2-150 A	\$15.55	C-MSS-2-150 DLC	\$17.65

SR-2 2 Flute Tuffy Grade Standard Length

Tool Number Uncoated	Price Uncoated	Tool Number TiN Coated	Price TiN Coated	Tool Number TiCN Coated	Price TiCN Coated	Tool Number AITiN Coated	Price AITiN Coated	Tool Number DLC Coated	Price DLC Coated
SR-2-010	\$30.90	C-SR-2-010 T	\$32.20	C-SR-2-010 C	\$32.20	C-SR-2-010 A	\$32.20	C-SR-2-010 DLC	\$34.30
SR-2-011	\$27.50	C-SR-2-011 T	\$28.80	C-SR-2-011 C	\$28.80	C-SR-2-011 A	\$28.80	C-SR-2-011 DLC	\$30.90
SR-2-012	\$27.50	C-SR-2-012 T	\$28.80	C-SR-2-012 C	\$28.80	C-SR-2-012 A	\$28.80	C-SR-2-012 DLC	\$30.90
SR-2-013	\$22.75	C-SR-2-013 T	\$24.05	C-SR-2-013 C	\$24.05	C-SR-2-013 A	\$24.05	C-SR-2-013 DLC	\$26.15
SR-2-014	\$22.75	C-SR-2-014 T	\$24.05	C-SR-2-014 C	\$24.05	C-SR-2-014 A	\$24.05	C-SR-2-014 DLC	\$26.15
SR-2-015	\$19.35	C-SR-2-015 T	\$20.65	C-SR-2-015 C	\$20.65	C-SR-2-015 A	\$20.65	C-SR-2-015 DLC	\$22.75
SR-2-016	\$19.35	C-SR-2-016 T	\$20.65	C-SR-2-016 C	\$20.65	C-SR-2-016 A	\$20.65	C-SR-2-016 DLC	\$22.75
SR-2-017	\$19.35	C-SR-2-017 T	\$20.65	C-SR-2-017 C	\$20.65	C-SR-2-017 A	\$20.65	C-SR-2-017 DLC	\$22.75
SR-2-018	\$19.35	C-SR-2-018 T	\$20.65	C-SR-2-018 C	\$20.65	C-SR-2-018 A	\$20.65	C-SR-2-018 DLC	\$22.75
SR-2-019	\$19.35	C-SR-2-019 T	\$20.65	C-SR-2-019 C	\$20.65	C-SR-2-019 A	\$20.65	C-SR-2-019 DLC	\$22.75
SR-2-020	\$17.50	C-SR-2-020 T	\$18.80	C-SR-2-020 C	\$18.80	C-SR-2-020 A	\$18.80	C-SR-2-020 DLC	\$20.90
SR-2-021	\$17.50	C-SR-2-021 T	\$18.80	C-SR-2-021 C	\$18.80	C-SR-2-021 A	\$18.80	C-SR-2-021 DLC	\$20.90
SR-2-022	\$17.50	C-SR-2-022 T	\$18.80	C-SR-2-022 C	\$18.80	C-SR-2-022 A	\$18.80	C-SR-2-022 DLC	\$20.90
SR-2-023	\$17.50	C-SR-2-023 T	\$18.80	C-SR-2-023 C	\$18.80	C-SR-2-023 A	\$18.80	C-SR-2-023 DLC	\$20.90
SR-2-024	\$17.50	C-SR-2-024 T	\$18.80	C-SR-2-024 C	\$18.80	C-SR-2-024 A	\$18.80	C-SR-2-024 DLC	\$20.90
SR-2-025	\$17.50	C-SR-2-025 T	\$18.80	C-SR-2-025 C	\$18.80	C-SR-2-025 A	\$18.80	C-SR-2-025 DLC	\$20.90
SR-2-026	\$16.45	C-SR-2-026 T	\$17.75	C-SR-2-026 C	\$17.75	C-SR-2-026 A	\$17.75	C-SR-2-026 DLC	\$19.85
SR-2-027	\$16.45	C-SR-2-027 T	\$17.75	C-SR-2-027 C	\$17.75	C-SR-2-027 A	\$17.75	C-SR-2-027 DLC	\$19.85
SR-2-028	\$16.45	C-SR-2-028 T	\$17.75	C-SR-2-028 C	\$17.75	C-SR-2-028 A	\$17.75	C-SR-2-028 DLC	\$19.85
SR-2-029	\$16.45	C-SR-2-029 T	\$17.75	C-SR-2-029 C	\$17.75	C-SR-2-029 A	\$17.75	C-SR-2-029 DLC	\$19.85
SR-2-030	\$16.45	C-SR-2-030 T	\$17.75	C-SR-2-030 C	\$17.75	C-SR-2-030 A	\$17.75	C-SR-2-030 DLC	\$19.85
SR-2-031	\$15.35	C-SR-2-031 T	\$16.65	C-SR-2-031 C	\$16.65	C-SR-2-031 A	\$16.65	C-SR-2-031 DLC	\$18.75
SR-2-032	\$15.35	C-SR-2-032 T	\$16.65	C-SR-2-032 C	\$16.65	C-SR-2-032 A	\$16.65	C-SR-2-032 DLC	\$18.75
SR-2-033	\$15.35	C-SR-2-033 T	\$16.65	C-SR-2-033 C	\$16.65	C-SR-2-033 A	\$16.65	C-SR-2-033 DLC	\$18.75
SR-2-034	\$15.35	C-SR-2-034 T	\$16.65	C-SR-2-034 C	\$16.65	C-SR-2-034 A	\$16.65	C-SR-2-034 DLC	\$18.75
SR-2-035	\$15.35	C-SR-2-035 T	\$16.65	C-SR-2-035 C	\$16.65	C-SR-2-035 A	\$16.65	C-SR-2-035 DLC	\$18.75
SR-2-036	\$15.35	C-SR-2-036 T	\$16.65	C-SR-2-036 C	\$16.65	C-SR-2-036 A	\$16.65	C-SR-2-036 DLC	\$18.75
SR-2-037	\$15.35	C-SR-2-037 T	\$16.65	C-SR-2-037 C	\$16.65	C-SR-2-037 A	\$16.65	C-SR-2-037 DLC	\$18.75
SR-2-038	\$15.35	C-SR-2-038 T	\$16.65	C-SR-2-038 C	\$16.65	C-SR-2-038 A	\$16.65	C-SR-2-038 DLC	\$18.75
SR-2-039	\$15.35	C-SR-2-039 T	\$16.65	C-SR-2-039 C	\$16.65	C-SR-2-039 A	\$16.65	C-SR-2-039 DLC	\$18.75
SR-2-040	\$15.35	C-SR-2-040 T	\$16.65	C-SR-2-040 C	\$16.65	C-SR-2-040 A	\$16.65	C-SR-2-040 DLC	\$18.75
SR-2-041	\$15.35	C-SR-2-041 T	\$16.65	C-SR-2-041 C	\$16.65	C-SR-2-041 A	\$16.65	C-SR-2-041 DLC	\$18.75
SR-2-042	\$15.35	C-SR-2-042 T	\$16.65	C-SR-2-042 C	\$16.65	C-SR-2-042 A	\$16.65	C-SR-2-042 DLC	\$18.75
SR-2-043	\$15.35	C-SR-2-043 T	\$16.65	C-SR-2-043 C	\$16.65	C-SR-2-043 A	\$16.65	C-SR-2-043 DLC	\$18.75
SR-2-044	\$15.35	C-SR-2-044 T	\$16.65	C-SR-2-044 C	\$16.65	C-SR-2-044 A	\$16.65	C-SR-2-044 DLC	\$18.75
SR-2-045	\$15.35	C-SR-2-045 T	\$16.65	C-SR-2-045 C	\$16.65	C-SR-2-045 A	\$16.65	C-SR-2-045 DLC	\$18.75
SR-2-046	\$15.35	C-SR-2-046 T	\$16.65	C-SR-2-046 C	\$16.65	C-SR-2-046 A	\$16.65	C-SR-2-046 DLC	\$18.75
SR-2-047	\$14.95	C-SR-2-047 T	\$16.25	C-SR-2-047 C	\$16.25	C-SR-2-047 A	\$16.25	C-SR-2-047 DLC	\$18.35
SR-2-048	\$14.95	C-SR-2-048 T	\$16.25	C-SR-2-048 C	\$16.25	C-SR-2-048 A	\$16.25	C-SR-2-048 DLC	\$18.35

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Miniatures Applications

SR-2 2 Flute Tuffy Grade Standard Length —CONTINUED FROM PREVIOUS

Tool Number Uncoated	Price Uncoated	Tool Number TiN Coated	Price TiN Coated	Tool Number TiCN Coated	Price TiCN Coated	Tool Number AITiN Coated	Price AITiN Coated	Tool Number DLC Coated	Price DLC Coated
SR-2-049	\$14.95	C-SR-2-049 T	\$16.25	C-SR-2-049 C	\$16.25	C-SR-2-049 A	\$16.25	C-SR-2-049 DLC	\$18.35
SR-2-050	\$14.95	C-SR-2-050 T	\$16.25	C-SR-2-050 C	\$16.25	C-SR-2-050 A	\$16.25	C-SR-2-050 DLC	\$18.35
SR-2-051	\$14.95	C-SR-2-051 T	\$16.25	C-SR-2-051 C	\$16.25	C-SR-2-051 A	\$16.25	C-SR-2-051 DLC	\$18.35
SR-2-052	\$14.95	C-SR-2-052 T	\$16.25	C-SR-2-052 C	\$16.25	C-SR-2-052 A	\$16.25	C-SR-2-052 DLC	\$18.35
SR-2-053	\$14.95	C-SR-2-053 T	\$16.25	C-SR-2-053 C	\$16.25	C-SR-2-053 A	\$16.25	C-SR-2-053 DLC	\$18.35
SR-2-054	\$14.95	C-SR-2-054 T	\$16.25	C-SR-2-054 C	\$16.25	C-SR-2-054 A	\$16.25	C-SR-2-054 DLC	\$18.35
SR-2-055	\$14.95	C-SR-2-055 T	\$16.25	C-SR-2-055 C	\$16.25	C-SR-2-055 A	\$16.25	C-SR-2-055 DLC	\$18.35
SR-2-056	\$14.95	C-SR-2-056 T	\$16.25	C-SR-2-056 C	\$16.25	C-SR-2-056 A	\$16.25	C-SR-2-056 DLC	\$18.35
SR-2-057	\$14.95	C-SR-2-057 T	\$16.25	C-SR-2-057 C	\$16.25	C-SR-2-057 A	\$16.25	C-SR-2-057 DLC	\$18.35
SR-2-058	\$14.95	C-SR-2-058 T	\$16.25	C-SR-2-058 C	\$16.25	C-SR-2-058 A	\$16.25	C-SR-2-058 DLC	\$18.35
SR-2-059	\$14.95	C-SR-2-059 T	\$16.25	C-SR-2-059 C	\$16.25	C-SR-2-059 A	\$16.25	C-SR-2-059 DLC	\$18.35
SR-2-060	\$14.95	C-SR-2-060 T	\$16.25	C-SR-2-060 C	\$16.25	C-SR-2-060 A	\$16.25	C-SR-2-060 DLC	\$18.35
SR-2-061	\$14.95	C-SR-2-061 T	\$16.25	C-SR-2-061 C	\$16.25	C-SR-2-061 A	\$16.25	C-SR-2-061 DLC	\$18.35
SR-2-062	\$14.95	C-SR-2-062 T	\$16.25	C-SR-2-062 C	\$16.25	C-SR-2-062 A	\$16.25	C-SR-2-062 DLC	\$18.35

MSR-2 2 Flute Standard Length **METRIC**

Tool Number Uncoated	Price Uncoated	Tool Number TiN Coated	Price TiN Coated	Tool Number TiCN Coated	Price TiCN Coated	Tool Number AITiN Coated	Price AITiN Coated	Tool Number DLC Coated	Price DLC Coated
MSR-2-025	\$30.90	C-MSR-2-025 T	\$32.20	C-MSR-2-025 C	\$32.20	C-MSR-2-025 A	\$32.20	C-MSR-2-025 DLC	\$34.30
MSR-2-030	\$27.50	C-MSR-2-030 T	\$28.80	C-MSR-2-030 C	\$28.80	C-MSR-2-030 A	\$28.80	C-MSR-2-030 DLC	\$30.90
MSR-2-035	\$22.75	C-MSR-2-035 T	\$24.05	C-MSR-2-035 C	\$24.05	C-MSR-2-035 A	\$24.05	C-MSR-2-035 DLC	\$26.15
MSR-2-040	\$19.35	C-MSR-2-040 T	\$20.65	C-MSR-2-040 C	\$20.65	C-MSR-2-040 A	\$20.65	C-MSR-2-040 DLC	\$22.75
MSR-2-045	\$19.35	C-MSR-2-045 T	\$20.65	C-MSR-2-045 C	\$20.65	C-MSR-2-045 A	\$20.65	C-MSR-2-045 DLC	\$22.75
MSR-2-050	\$17.50	C-MSR-2-050 T	\$18.80	C-MSR-2-050 C	\$18.80	C-MSR-2-050 A	\$18.80	C-MSR-2-050 DLC	\$20.90
MSR-2-055	\$17.50	C-MSR-2-055 T	\$18.80	C-MSR-2-055 C	\$18.80	C-MSR-2-055 A	\$18.80	C-MSR-2-055 DLC	\$20.90
MSR-2-060	\$17.50	C-MSR-2-060 T	\$18.80	C-MSR-2-060 C	\$18.80	C-MSR-2-060 A	\$18.80	C-MSR-2-060 DLC	\$20.90
MSR-2-065	\$16.45	C-MSR-2-065 T	\$17.75	C-MSR-2-065 C	\$17.75	C-MSR-2-065 A	\$17.75	C-MSR-2-065 DLC	\$19.85
MSR-2-070	\$16.45	C-MSR-2-070 T	\$17.75	C-MSR-2-070 C	\$17.75	C-MSR-2-070 A	\$17.75	C-MSR-2-070 DLC	\$19.85
MSR-2-080	\$15.35	C-MSR-2-080 T	\$16.65	C-MSR-2-080 C	\$16.65	C-MSR-2-080 A	\$16.65	C-MSR-2-080 DLC	\$18.75
MSR-2-100	\$15.35	C-MSR-2-100 T	\$16.65	C-MSR-2-100 C	\$16.65	C-MSR-2-100 A	\$16.65	C-MSR-2-100 DLC	\$18.75
MSR-2-150	\$14.95	C-MSR-2-150 T	\$16.25	C-MSR-2-150 C	\$16.25	C-MSR-2-150 A	\$16.25	C-MSR-2-150 DLC	\$18.35

SS-2BN 2 Flute Ball End Stub Length

Tool Number Uncoated	Price Uncoated	Tool Number TiN Coated	Price TiN Coated	Tool Number TiCN Coated	Price TiCN Coated	Tool Number AITiN Coated	Price AITiN Coated	Tool Number DLC Coated	Price DLC Coated
SS-2-010BN	\$34.60	SS-2-010BN T	\$35.90	SS-2-010BN C	\$35.90	SS-2-010BN A	\$35.90	SS-2-010BN DLC	\$38.00
SS-2-015BN	\$26.00	SS-2-015BN T	\$27.30	SS-2-015BN C	\$27.30	SS-2-015BN A	\$27.30	SS-2-015BN DLC	\$29.40
SS-2-016BN	\$24.50	SS-2-016BN T	\$25.80	SS-2-016BN C	\$25.80	SS-2-016BN A	\$25.80	SS-2-016BN DLC	\$27.90
SS-2-020BN	\$23.30	SS-2-020BN T	\$24.60	SS-2-020BN C	\$24.60	SS-2-020BN A	\$24.60	SS-2-020BN DLC	\$26.70
SS-2-025BN	\$21.75	SS-2-025BN T	\$23.05	SS-2-025BN C	\$23.05	SS-2-025BN A	\$23.05	SS-2-025BN DLC	\$25.15
SS-2-030BN	\$20.85	SS-2-030BN T	\$22.15	SS-2-030BN C	\$22.15	SS-2-030BN A	\$22.15	SS-2-030BN DLC	\$24.25
SS-2-031BN	\$20.85	SS-2-031BN T	\$22.15	SS-2-031BN C	\$22.15	SS-2-031BN A	\$22.15	SS-2-031BN DLC	\$24.25
SS-2-040BN	\$19.40	SS-2-040BN T	\$20.70	SS-2-040BN C	\$20.70	SS-2-040BN A	\$20.70	SS-2-040BN DLC	\$22.80
SS-2-047BN	\$19.40	SS-2-047BN T	\$20.70	SS-2-047BN C	\$20.70	SS-2-047BN A	\$20.70	SS-2-047BN DLC	\$22.80
SS-2-055BN	\$19.40	SS-2-055BN T	\$20.70	SS-2-055BN C	\$20.70	SS-2-055BN A	\$20.70	SS-2-055BN DLC	\$22.80
SS-2-060BN	\$19.40	SS-2-060BN T	\$20.70	SS-2-060BN C	\$20.70	SS-2-060BN A	\$20.70	SS-2-060BN DLC	\$22.80

MSS-2BN Metric 2 Flute Ball End Stub Length **METRIC**

Tool Number Uncoated	Price Uncoated	Tool Number TiN Coated	Price TiN Coated	Tool Number TiCN Coated	Price TiCN Coated	Tool Number AITiN Coated	Price AITiN Coated	Tool Number DLC Coated	Price DLC Coated
MSS-2-050BN	\$23.30	MSS-2-050BN T	\$24.60	MSS-2-050BN C	\$24.60	MSS-2-050BN A	\$24.60	MSS-2-050BN DLC	\$26.70
MSS-2-060BN	\$21.75	MSS-2-060BN T	\$23.05	MSS-2-060BN C	\$23.05	MSS-2-060BN A	\$23.05	MSS-2-060BN DLC	\$25.15
MSS-2-070BN	\$20.85	MSS-2-070BN T	\$22.15	MSS-2-070BN C	\$22.15	MSS-2-070BN A	\$22.15	MSS-2-070BN DLC	\$24.25
MSS-2-080BN	\$20.85	MSS-2-080BN T	\$22.15	MSS-2-080BN C	\$22.15	MSS-2-080BN A	\$22.15	MSS-2-080BN DLC	\$24.25
MSS-2-100BN	\$19.40	MSS-2-100BN T	\$20.70	MSS-2-100BN C	\$20.70	MSS-2-100BN A	\$20.70	MSS-2-100BN DLC	\$22.80
MSS-2-150BN	\$19.40	MSS-2-150BN T	\$20.70	MSS-2-150BN C	\$20.70	MSS-2-150BN A	\$20.70	MSS-2-150BN DLC	\$22.80

Miniatures Applications

SR-2BN 2 Flute Ball End Tuffy Grade Standard Length

Tool Number Uncoated	Price Uncoated	Tool Number TiN Coated	Price TiN Coated	Tool Number TiCN Coated	Price TiCN Coated	Tool Number AITiN Coated	Price AITiN Coated	Tool Number DLC Coated	Price DLC Coated
SR-2-010BN	\$36.60	SR-2-010BNT	\$37.90	SR-2-010BN C	\$37.90	SR-2-010BN A	\$37.90	SR-2-010BN DLC	\$40.00
SR-2-015BN	\$27.45	SR-2-015BNT	\$28.75	SR-2-015BN C	\$28.75	SR-2-015BN A	\$28.75	SR-2-015BN DLC	\$30.85
SR-2-016BN	\$25.95	SR-2-016BNT	\$27.25	SR-2-016BN C	\$27.25	SR-2-016BN A	\$27.25	SR-2-016BN DLC	\$29.35
SR-2-020BN	\$24.40	SR-2-020BNT	\$25.70	SR-2-020BN C	\$25.70	SR-2-020BN A	\$25.70	SR-2-020BN DLC	\$27.80
SR-2-025BN	\$22.90	SR-2-025BNT	\$24.20	SR-2-025BN C	\$24.20	SR-2-025BN A	\$24.20	SR-2-025BN DLC	\$26.30
SR-2-030BN	\$22.05	SR-2-030BNT	\$23.35	SR-2-030BN C	\$23.35	SR-2-030BN A	\$23.35	SR-2-030BN DLC	\$25.45
SR-2-031BN	\$22.05	SR-2-031BNT	\$23.35	SR-2-031BN C	\$23.35	SR-2-031BN A	\$23.35	SR-2-031BN DLC	\$25.45
SR-2-040BN	\$20.55	SR-2-040BNT	\$21.85	SR-2-040BN C	\$21.85	SR-2-040BN A	\$21.85	SR-2-040BN DLC	\$23.95
SR-2-047BN	\$20.55	SR-2-047BNT	\$21.85	SR-2-047BN C	\$21.85	SR-2-047BN A	\$21.85	SR-2-047BN DLC	\$23.95
SR-2-050BN	\$20.55	SR-2-050BNT	\$21.85	SR-2-050BN C	\$21.85	SR-2-050BN A	\$21.85	SR-2-050BN DLC	\$23.95
SR-2-055BN	\$20.55	SR-2-055BNT	\$21.85	SR-2-055BN C	\$21.85	SR-2-055BN A	\$21.85	SR-2-055BN DLC	\$23.95
SR-2-060BN	\$20.55	SR-2-060BNT	\$21.85	SR-2-060BN C	\$21.85	SR-2-060BN A	\$21.85	SR-2-060BN DLC	\$23.95

MSR-2BN Metric 2 Flute Ball End Tuffy Grade Standard Length METRIC

Tool Number Uncoated	Price Uncoated	Tool Number TiN Coated	Price TiN Coated	Tool Number TiCN Coated	Price TiCN Coated	Tool Number AITiN Coated	Price AITiN Coated	Tool Number DLC Coated	Price DLC Coated
MSR-2-050BN	\$24.40	MSR-2-050BNT	\$25.70	MSR-2-050BN C	\$25.70	MSR-2-050BN A	\$25.70	MSR-2-050BN DLC	\$27.80
MSR-2-060BN	\$22.90	MSR-2-060BNT	\$24.20	MSR-2-060BN C	\$24.20	MSR-2-060BN A	\$24.20	MSR-2-060BN DLC	\$26.30
MSR-2-070BN	\$22.05	MSR-2-070BNT	\$23.35	MSR-2-070BN C	\$23.35	MSR-2-070BN A	\$23.35	MSR-2-070BN DLC	\$25.45
MSR-2-080BN	\$22.05	MSR-2-080BNT	\$23.35	MSR-2-080BN C	\$23.35	MSR-2-080BN A	\$23.35	MSR-2-080BN DLC	\$25.45
MSR-2-100BN	\$20.55	MSR-2-100BNT	\$21.85	MSR-2-100BN C	\$21.85	MSR-2-100BN A	\$21.85	MSR-2-100BN DLC	\$23.95
MSR-2-150BN	\$20.55	MSR-2-150BNT	\$21.85	MSR-2-150BN C	\$21.85	MSR-2-150BN A	\$21.85	MSR-2-150BN DLC	\$23.95

SS-4 4 Flute Tuffy Grade Stub Length

Tool Number Uncoated	Price Uncoated	Tool Number TiN Coated	Price TiN Coated	Tool Number TiCN Coated	Price TiCN Coated	Tool Number AITiN Coated	Price AITiN Coated	Tool Number DLC Coated	Price DLC Coated
SS-4-031	\$18.70	C-SS-4-031 T	\$20.00	C-SS-4-031 C	\$20.00	C-SS-4-031 A	\$20.00	C-SS-4-031 DLC	\$22.10
SS-4-040	\$18.70	C-SS-4-040 T	\$20.00	C-SS-4-040 C	\$20.00	C-SS-4-040 A	\$20.00	C-SS-4-040 DLC	\$22.10
SS-4-047	\$15.15	C-SS-4-047 T	\$16.45	C-SS-4-047 C	\$16.45	C-SS-4-047 A	\$16.45	C-SS-4-047 DLC	\$18.55
SS-4-050	\$15.15	C-SS-4-050 T	\$16.45	C-SS-4-050 C	\$16.45	C-SS-4-050 A	\$16.45	C-SS-4-050 DLC	\$18.55
SS-4-055	\$15.15	C-SS-4-055 T	\$16.45	C-SS-4-055 C	\$16.45	C-SS-4-055 A	\$16.45	C-SS-4-055 DLC	\$18.55
SS-4-060	\$15.15	C-SS-4-060 T	\$16.45	C-SS-4-060 C	\$16.45	C-SS-4-060 A	\$16.45	C-SS-4-060 DLC	\$18.55

MSS-4 Metric 4 Flute Tuffy Grade Stub Length METRIC

Tool Number Uncoated	Price Uncoated	Tool Number TiN Coated	Price TiN Coated	Tool Number TiCN Coated	Price TiCN Coated	Tool Number AITiN Coated	Price AITiN Coated	Tool Number DLC Coated	Price DLC Coated
MSS-4-080	\$18.70	C-MSS-4-080 T	\$20.00	C-MSS-4-080 C	\$20.00	C-MSS-4-080 A	\$20.00	C-MSS-4-080 DLC	\$22.10
MSS-4-100	\$18.70	C-MSS-4-100 T	\$18.70	C-MSS-4-100 C	\$18.70	C-MSS-4-100 A	\$18.70	C-MSS-4-100 DLC	\$22.10
MSS-4-150	\$15.15	C-MSS-4-150 T	\$16.45	C-MSS-4-150 C	\$16.45	C-MSS-4-150 A	\$16.45	C-MSS-4-150 DLC	\$18.55

SR-4 4 Flute Tuffy Grade Standard Length

Tool Number Uncoated	Price Uncoated	Tool Number TiN Coated	Price TiN Coated	Tool Number TiCN Coated	Price TiCN Coated	Tool Number AITiN Coated	Price AITiN Coated	Tool Number DLC Coated	Price DLC Coated
SR-4-031	\$19.70	C-SR-4-031 T	\$21.00	C-SR-4-031 C	\$21.00	C-SR-4-031 A	\$21.00	C-SR-4-031 DLC	\$23.10
SR-4-040	\$19.70	C-SR-4-040 T	\$21.00	C-SR-4-040 C	\$21.00	C-SR-4-040 A	\$21.00	C-SR-4-040 DLC	\$23.10
SR-4-047	\$16.00	C-SR-4-047 T	\$17.30	C-SR-4-047 C	\$17.30	C-SR-4-047 A	\$17.30	C-SR-4-047 DLC	\$19.40
SR-4-050	\$16.00	C-SR-4-050 T	\$17.30	C-SR-4-050 C	\$17.30	C-SR-4-050 A	\$17.30	C-SR-4-050 DLC	\$19.40
SR-4-055	\$16.00	C-SR-4-055 T	\$17.30	C-SR-4-055 C	\$17.30	C-SR-4-055 A	\$17.30	C-SR-4-055 DLC	\$19.40
SR-4-060	\$16.00	C-SR-4-060 T	\$17.30	C-SR-4-060 C	\$17.30	C-SR-4-060 A	\$17.30	C-SR-4-060 DLC	\$19.40

MSR-4 Metric 4 Flute Standard Length METRIC

Tool Number Uncoated	Price Uncoated	Tool Number TiN Coated	Price TiN Coated	Tool Number TiCN Coated	Price TiCN Coated	Tool Number AITiN Coated	Price AITiN Coated	Tool Number DLC Coated	Price DLC Coated
MSR-4-080	\$19.70	C-MSR-4-080 T	\$21.00	C-MSR-4-080 C	\$21.00	C-MSR-4-080 A	\$21.00	C-MSR-4-080 DLC	\$23.10
MSR-4-100	\$19.70	C-MSR-4-100 T	\$21.00	C-MSR-4-100 C	\$21.00	C-MSR-4-100 A	\$21.00	C-MSR-4-100 DLC	\$23.10
MSR-4-150	\$15.15	C-MSR-4-150 T	\$16.45	C-MSR-4-150 C	\$16.45	C-MSR-4-150 A	\$16.45	C-MSR-4-150 DLC	\$18.55

Multiple Applications

TL-303 3 Flute Tuffy Grade Extra Length

Tool Number Uncoated	Price Uncoated
TL-303-04*	\$54.90
TL-303-06*	\$57.00
TL-303-08*	\$62.10
TL-303-10*	\$65.80
TL-303-12	\$83.30
TL-303-14*	\$106.85
TL-303-16	\$115.50
TL-303-20	\$160.35
TL-303-24	\$228.15

*Does not come with flats.

MTL-303 Metric 3 Flute Tuffy Grade Extra Length **METRIC**

Tool Number Uncoated	Price Uncoated
MTL-303-03	\$54.90
MTL-303-04	\$55.85
MTL-303-05	\$57.00
MTL-303-06	\$62.10
MTL-303-08	\$65.80
MTL-303-10	\$83.30
MTL-303-12	\$115.50
MTL-303-16	\$161.40
MTL-303-20	\$228.15

NOTE: Metric tools do not have flats.

T6-200 2 Flute Tuffy Grade Stub Length

Tool Number Uncoated	Price Uncoated	Tool Number TiN Coated	Price TiN Coated	Tool Number TiCN Coated	Price TiCN Coated	Tool Number AlTiN Coated	Price AlTiN Coated	Tool Number DLC Coated	Price DLC Coated
T6-200-02	\$47.00	T6-200-02 T	\$52.10	T6-200-02 C	\$52.10	T6-200-02 A	\$52.10	T6-200-02 DLC	\$56.00
T6-200-02.5	\$47.00	T6-200-02.5 T	\$52.10	T6-200-02.5 C	\$52.10	T6-200-02.5 A	\$52.10	T6-200-02.5 DLC	\$56.00
T6-200-03	\$47.00	T6-200-03 T	\$52.10	T6-200-03 C	\$52.10	T6-200-03 A	\$52.10	T6-200-03 DLC	\$56.00
T6-200-03.5	\$47.00	T6-200-03.5 T	\$52.10	T6-200-03.5 C	\$52.10	T6-200-03.5 A	\$52.10	T6-200-03.5 DLC	\$56.00
T6-200-04	\$41.40	T6-200-04 T	\$46.50	T6-200-04 C	\$46.50	T6-200-04 A	\$46.50	T6-200-04 DLC	\$50.40
T6-200-04.5	\$41.40	T6-200-04.5 T	\$46.50	T6-200-04.5 C	\$46.50	T6-200-04.5 A	\$46.50	T6-200-04.5 DLC	\$50.40
T6-200-05	\$41.40	T6-200-05 T	\$46.50	T6-200-05 C	\$46.50	T6-200-05 A	\$46.50	T6-200-05 DLC	\$50.40
T6-200-05.5	\$41.40	T6-200-05.5 T	\$46.50	T6-200-05.5 C	\$46.50	T6-200-05.5 A	\$46.50	T6-200-05.5 DLC	\$50.40
T6-200-06*	\$27.75	T6-200-06 T*	\$30.30	T6-200-06 C*	\$30.30	T6-200-06 A*	\$30.30	T6-200-06 DLC*	\$32.25

*Single End only to allow plus/minus tolerance

T6-202 2 Flute Tuffy Grade Standard Length

Tool Number Uncoated	Price Uncoated	Tool Number TiN Coated	Price TiN Coated	Tool Number TiCN Coated	Price TiCN Coated	Tool Number AlTiN Coated	Price AlTiN Coated	Tool Number DLC Coated	Price DLC Coated
T6-202-02	\$48.40	T6-202-02 T	\$53.50	T6-202-02 C	\$53.50	T6-202-02 A	\$53.50	T6-202-02 DLC	\$57.40
T6-202-02.5	\$48.40	T6-202-02.5 T	\$53.50	T6-202-02.5 C	\$53.50	T6-202-02.5 A	\$53.50	T6-202-02.5 DLC	\$57.40
T6-202-03	\$48.40	T6-202-03 T	\$53.50	T6-202-03 C	\$53.50	T6-202-03 A	\$53.50	T6-202-03 DLC	\$57.40
T6-202-03.5	\$48.40	T6-202-03.5 T	\$53.50	T6-202-03.5 C	\$53.50	T6-202-03.5 A	\$53.50	T6-202-03.5 DLC	\$57.40
T6-202-04	\$43.50	T6-202-04 T	\$48.60	T6-202-04 C	\$48.60	T6-202-04 A	\$48.60	T6-202-04 DLC	\$52.50
T6-202-04.5	\$43.50	T6-202-04.5 T	\$48.60	T6-202-04.5 C	\$48.60	T6-202-04.5 A	\$48.60	T6-202-04.5 DLC	\$52.50
T6-202-05	\$43.50	T6-202-05 T	\$48.60	T6-202-05 C	\$48.60	T6-202-05 A	\$48.60	T6-202-05 DLC	\$52.50
T6-202-05.5	\$43.50	T6-202-05.5 T	\$48.60	T6-202-05.5 C	\$48.60	T6-202-05.5 A	\$48.60	T6-202-05.5 DLC	\$52.50
T6-202-06*	\$28.55	T6-202-06 T*	\$31.10	T6-202-06 C*	\$31.10	T6-202-06 A*	\$31.10	T6-202-06 DLC*	\$33.05

*Single End only to allow plus/minus tolerance

T6-400 4 Flute Tuffy Grade Stub Length

Tool Number Uncoated	Price Uncoated	Tool Number TiN Coated	Price TiN Coated	Tool Number TiCN Coated	Price TiCN Coated	Tool Number AlTiN Coated	Price AlTiN Coated	Tool Number DLC Coated	Price DLC Coated
T6-400-02	\$47.00	T6-400-02 T	\$52.10	T6-400-02 C	\$52.10	T6-400-02 A	\$52.10	T6-400-02 DLC	\$56.00
T6-400-02.5	\$47.00	T6-400-02.5 T	\$52.10	T6-400-02.5 C	\$52.10	T6-400-02.5 A	\$52.10	T6-400-02.5 DLC	\$56.00
T6-400-03	\$47.00	T6-400-03 T	\$52.10	T6-400-03 C	\$52.10	T6-400-03 A	\$52.10	T6-400-03 DLC	\$56.00
T6-400-03.5	\$47.00	T6-400-03.5 T	\$52.10	T6-400-03.5 C	\$52.10	T6-400-03.5 A	\$52.10	T6-400-03.5 DLC	\$56.00
T6-400-04	\$41.40	T6-400-04 T	\$46.50	T6-400-04 C	\$46.50	T6-400-04 A	\$46.50	T6-400-04 DLC	\$50.40
T6-400-04.5	\$41.40	T6-400-04.5 T	\$46.50	T6-400-04.5 C	\$46.50	T6-400-04.5 A	\$46.50	T6-400-04.5 DLC	\$50.40
T6-400-05	\$41.40	T6-400-05 T	\$46.50	T6-400-05 C	\$46.50	T6-400-05 A	\$46.50	T6-400-05 DLC	\$50.40
T6-400-05.5	\$41.40	T6-400-05.5 T	\$46.50	T6-400-05.5 C	\$46.50	T6-400-05.5 A	\$46.50	T6-400-05.5 DLC	\$50.40
T6-400-06*	\$27.75	T6-400-06 T*	\$30.30	T6-400-06 C*	\$30.30	T6-400-06 A*	\$30.30	T6-400-06 DLC*	\$32.25

*Single End only to allow plus/minus tolerance

Multiple Applications

T6-402 4 Flute Tuffy Grade Standard Length

Tool Number Uncoated	Price Uncoated	Tool Number TiN Coated	Price TiN Coated	Tool Number TiCN Coated	Price TiCN Coated	Tool Number AITiN Coated	Price AITiN Coated	Tool Number DLC Coated	Price DLC Coated
T6-402-02	\$48.40	T6-402-02 T	\$53.50	T6-402-02 C	\$53.50	T6-402-02 A	\$53.50	T6-402-02 DLC	\$57.40
T6-402-02.5	\$48.40	T6-402-02.5 T	\$53.50	T6-402-02.5 C	\$53.50	T6-402-02.5 A	\$53.50	T6-402-02.5 DLC	\$57.40
T6-402-03	\$48.40	T6-402-03 T	\$53.50	T6-402-03 C	\$53.50	T6-402-03 A	\$53.50	T6-402-03 DLC	\$57.40
T6-402-03.5	\$48.40	T6-402-03.5 T	\$53.50	T6-402-03.5 C	\$53.50	T6-402-03.5 A	\$53.50	T6-402-03.5 DLC	\$57.40
T6-402-04	\$43.50	T6-402-04 T	\$48.60	T6-402-04 C	\$48.60	T6-402-04 A	\$48.60	T6-402-04 DLC	\$52.50
T6-402-04.5	\$43.50	T6-402-04.5 T	\$48.60	T6-402-04.5 C	\$48.60	T6-402-04.5 A	\$48.60	T6-402-04.5 DLC	\$52.50
T6-402-05	\$43.50	T6-402-05 T	\$48.60	T6-402-05 C	\$48.60	T6-402-05 A	\$48.60	T6-402-05 DLC	\$52.50
T6-402-05.5	\$43.50	T6-402-05.5 T	\$48.60	T6-402-05.5 C	\$48.60	T6-402-05.5 A	\$48.60	T6-402-05.5 DLC	\$52.50
T6-402-06*	\$28.55	T6-402-06 T*	\$31.10	T6-402-06 C*	\$31.10	T6-402-06 A*	\$31.10	T6-402-06 DLC*	\$33.05

*Single End only to allow plus/minus tolerance

T12-201 2 Flute Tuffy Grade Stub Length

Tool Number Uncoated	Price Uncoated	Tool Number TiN Coated	Price TiN Coated	Tool Number TiCN Coated	Price TiCN Coated	Tool Number AITiN Coated	Price AITiN Coated	Tool Number DLC Coated	Price DLC Coated
T12-201-04	\$37.75	T12-201-04 T	\$42.80	T12-201-04 C	\$42.80	T12-201-04 A	\$42.80	T12-201-04 DLC	\$51.30
T12-201-05	\$37.75	T12-201-05 T	\$42.80	T12-201-05 C	\$42.80	T12-201-05 A	\$42.80	T12-201-05 DLC	\$51.30
T12-201-06	\$37.75	T12-201-06 T	\$42.80	T12-201-06 C	\$42.80	T12-201-06 A	\$42.80	T12-201-06 DLC	\$51.30
T12-201-07	\$37.75	T12-201-07 T	\$42.80	T12-201-07 C	\$42.80	T12-201-07 A	\$42.80	T12-201-07 DLC	\$51.30
T12-201-08	\$37.75	T12-201-08 T	\$42.80	T12-201-08 C	\$42.80	T12-201-08 A	\$42.80	T12-201-08 DLC	\$51.30
T12-201-09	\$39.70	T12-201-09 T	\$44.75	T12-201-09 C	\$44.75	T12-201-09 A	\$44.75	T12-201-09 DLC	\$53.25
T12-201-10	\$40.20	T12-201-10 T	\$45.25	T12-201-10 C	\$45.25	T12-201-10 A	\$45.25	T12-201-10 DLC	\$53.75
T12-201-12	\$44.55	T12-201-12 T	\$49.60	T12-201-12 C	\$49.60	T12-201-12 A	\$49.60	T12-201-12 DLC	\$58.10
T12-201-14	\$71.20	T12-201-14 T	\$77.45	T12-201-14 C	\$77.45	T12-201-14 A	\$77.45	T12-201-14 DLC	\$91.50
T12-201-16	\$68.30	T12-201-16 T	\$74.55	T12-201-16 C	\$74.55	T12-201-16 A	\$74.55	T12-201-16 DLC	\$88.60
T12-201-20	\$115.60	T12-201-20 T	\$124.65	T12-201-20 C	\$124.65	T12-201-20 A	\$124.65	T12-201-20 DLC	\$135.90
T12-201-24	\$172.00	T12-201-24 T	\$182.70	T12-201-24 C	\$182.70	T12-201-24 A	\$182.70	T12-201-24 DLC	\$212.65

T12-203 2 Flute Tuffy Grade Standard Length

Tool Number Uncoated	Price Uncoated	Tool Number TiN Coated	Price TiN Coated	Tool Number TiCN Coated	Price TiCN Coated	Tool Number AITiN Coated	Price AITiN Coated	Tool Number DLC Coated	Price DLC Coated
T12-203-04	\$39.55	T12-203-04 T	\$44.60	T12-203-04 C	\$44.60	T12-203-04 A	\$44.60	T12-203-04 DLC	\$53.10
T12-203-04.5	\$39.55	T12-203-04.5 T	\$44.60	T12-203-04.5 C	\$44.60	T12-203-04.5 A	\$44.60	T12-203-04.5 DLC	\$53.10
T12-203-05	\$39.55	T12-203-05 T	\$44.60	T12-203-05 C	\$44.60	T12-203-05 A	\$44.60	T12-203-05 DLC	\$53.10
T12-203-05.5	\$39.55	T12-203-05.5 T	\$44.60	T12-203-05.5 C	\$44.60	T12-203-05.5 A	\$44.60	T12-203-05.5 DLC	\$53.10
T12-203-06	\$39.55	T12-203-06 T	\$44.60	T12-203-06 C	\$44.60	T12-203-06 A	\$44.60	T12-203-06 DLC	\$53.10
T12-203-06.5	\$39.55	T12-203-06.5 T	\$44.60	T12-203-06.5 C	\$44.60	T12-203-06.5 A	\$44.60	T12-203-06.5 DLC	\$53.10
T12-203-07	\$39.55	T12-203-07 T	\$44.60	T12-203-07 C	\$44.60	T12-203-07 A	\$44.60	T12-203-07 DLC	\$53.10
T12-203-07.5	\$40.45	T12-203-07.5 T	\$45.50	T12-203-07.5 C	\$45.50	T12-203-07.5 A	\$45.50	T12-203-07.5 DLC	\$54.00
T12-203-08	\$42.40	T12-203-08 T	\$47.45	T12-203-08 C	\$47.45	T12-203-08 A	\$47.45	T12-203-08 DLC	\$55.95
T12-203-08.5	\$52.55	T12-203-08.5 T	\$57.60	T12-203-08.5 C	\$57.60	T12-203-08.5 A	\$57.60	T12-203-08.5 DLC	\$66.10
T12-203-09	\$45.90	T12-203-09 T	\$50.95	T12-203-09 C	\$50.95	T12-203-09 A	\$50.95	T12-203-09 DLC	\$59.45
T12-203-09.5	\$52.55	T12-203-09.5 T	\$57.60	T12-203-09.5 C	\$57.60	T12-203-09.5 A	\$57.60	T12-203-09.5 DLC	\$66.10
T12-203-10	\$45.90	T12-203-10 T	\$50.95	T12-203-10 C	\$50.95	T12-203-10 A	\$50.95	T12-203-10 DLC	\$59.45
T12-203-10.5	\$52.55	T12-203-10.5 T	\$57.60	T12-203-10.5 C	\$57.60	T12-203-10.5 A	\$57.60	T12-203-10.5 DLC	\$66.10
T12-203-11	\$45.90	T12-203-11 T	\$50.95	T12-203-11 C	\$50.95	T12-203-11 A	\$50.95	T12-203-11 DLC	\$59.45
T12-203-11.5	\$52.55	T12-203-11.5 T	\$57.60	T12-203-11.5 C	\$57.60	T12-203-11.5 A	\$57.60	T12-203-11.5 DLC	\$66.10
T12-203-12	\$45.90	T12-203-12 T	\$50.95	T12-203-12 C	\$50.95	T12-203-12 A	\$50.95	T12-203-12 DLC	\$59.45
T12-203-13	\$77.85	T12-203-13 T	\$84.10	T12-203-13 C	\$84.10	T12-203-13 A	\$84.10	T12-203-13 DLC	\$98.15
T12-203-14	\$77.85	T12-203-14 T	\$84.10	T12-203-14 C	\$84.10	T12-203-14 A	\$84.10	T12-203-14 DLC	\$98.15
T12-203-15	\$77.85	T12-203-15 T	\$84.10	T12-203-15 C	\$84.10	T12-203-15 A	\$84.10	T12-203-15 DLC	\$98.15
T12-203-16	\$68.75	T12-203-16 T	\$75.00	T12-203-16 C	\$75.00	T12-203-16 A	\$75.00	T12-203-16 DLC	\$89.05

Multiple Applications

T12-403 4 Flute Tuffy Grade Stub Length

Tool Number Uncoated	Price Uncoated	Tool Number TiN Coated	Price TiN Coated	Tool Number TiCN Coated	Price TiCN Coated	Tool Number AlTiN Coated	Price AlTiN Coated	Tool Number DLC Coated	Price DLC Coated
T12-403-04	\$37.75	T12-403-04 T	\$42.80	T12-403-04 C	\$42.80	T12-403-04 A	\$42.80	T12-403-04 DLC	\$51.30
T12-403-05	\$37.75	T12-403-05 T	\$42.80	T12-403-05 C	\$42.80	T12-403-05 A	\$42.80	T12-403-05 DLC	\$51.30
T12-403-06	\$37.75	T12-403-06 T	\$42.80	T12-403-06 C	\$42.80	T12-403-06 A	\$42.80	T12-403-06 DLC	\$51.30
T12-403-07	\$37.75	T12-403-07 T	\$42.80	T12-403-07 C	\$42.80	T12-403-07 A	\$42.80	T12-403-07 DLC	\$51.30
T12-403-08	\$37.75	T12-403-08 T	\$42.80	T12-403-08 C	\$42.80	T12-403-08 A	\$42.80	T12-403-08 DLC	\$51.30
T12-403-09	\$39.70	T12-403-09 T	\$44.75	T12-403-09 C	\$44.75	T12-403-09 A	\$44.75	T12-403-09 DLC	\$53.25
T12-403-10	\$40.20	T12-403-10 T	\$45.25	T12-403-10 C	\$45.25	T12-403-10 A	\$45.25	T12-403-10 DLC	\$53.75
T12-403-12	\$44.55	T12-403-12 T	\$49.60	T12-403-12 C	\$49.60	T12-403-12 A	\$49.60	T12-403-12 DLC	\$58.10
T12-403-14	\$71.20	T12-403-14 T	\$77.45	T12-403-14 C	\$77.45	T12-403-14 A	\$77.45	T12-403-14 DLC	\$91.50
T12-403-16	\$68.30	T12-403-16 T	\$74.55	T12-403-16 C	\$74.55	T12-403-16 A	\$74.55	T12-403-16 DLC	\$88.60
T12-403-20	\$115.60	T12-403-20 T	\$124.65	T12-403-20 C	\$124.65	T12-403-20 A	\$124.65	T12-403-20 DLC	\$135.90
T12-403-24	\$172.00	T12-403-24 T	\$182.70	T12-403-24 C	\$182.70	T12-403-24 A	\$182.70	T12-403-24 DLC	\$212.65

T12-405 4 Flute Tuffy Grade Standard Length

Tool Number Uncoated	Price Uncoated	Tool Number TiN Coated	Price TiN Coated	Tool Number TiCN Coated	Price TiCN Coated	Tool Number AlTiN Coated	Price AlTiN Coated	Tool Number DLC Coated	Price DLC Coated
T12-405-06	\$39.55	T12-405-06 T	\$44.60	T12-405-06 C	\$44.60	T12-405-06 A	\$44.60	T12-405-06 DLC	\$53.10
T12-405-06.5	\$39.55	T12-405-06.5 T	\$44.60	T12-405-06.5 C	\$44.60	T12-405-06.5 A	\$44.60	T12-405-06.5 DLC	\$53.10
T12-405-07	\$39.55	T12-405-07 T	\$44.60	T12-405-07 C	\$44.60	T12-405-07 A	\$44.60	T12-405-07 DLC	\$53.10
T12-405-07.5	\$40.45	T12-405-07.5 T	\$45.50	T12-405-07.5 C	\$45.50	T12-405-07.5 A	\$45.50	T12-405-07.5 DLC	\$54.00
T12-405-08	\$42.40	T12-405-08 T	\$47.45	T12-405-08 C	\$47.45	T12-405-08 A	\$47.45	T12-405-08 DLC	\$55.95
T12-405-08.5	\$52.55	T12-405-08.5 T	\$57.60	T12-405-08.5 C	\$57.60	T12-405-08.5 A	\$57.60	T12-405-08.5 DLC	\$66.10
T12-405-09	\$45.90	T12-405-09 T	\$50.95	T12-405-09 C	\$50.95	T12-405-09 A	\$50.95	T12-405-09 DLC	\$59.45
T12-405-09.5	\$52.55	T12-405-09.5 T	\$57.60	T12-405-09.5 C	\$57.60	T12-405-09.5 A	\$57.60	T12-405-09.5 DLC	\$66.10
T12-405-10	\$45.90	T12-405-10 T	\$50.95	T12-405-10 C	\$50.95	T12-405-10 A	\$50.95	T12-405-10 DLC	\$59.45
T12-405-10.5	\$52.55	T12-405-10.5 T	\$57.60	T12-405-10.5 C	\$57.60	T12-405-10.5 A	\$57.60	T12-405-10.5 DLC	\$66.10
T12-405-11	\$45.90	T12-405-11 T	\$50.95	T12-405-11 C	\$50.95	T12-405-11 A	\$50.95	T12-405-11 DLC	\$59.45
T12-405-11.5	\$52.55	T12-405-11.5 T	\$57.60	T12-405-11.5 C	\$57.60	T12-405-11.5 A	\$57.60	T12-405-11.5 DLC	\$66.10
T12-405-12	\$45.90	T12-405-12 T	\$50.95	T12-405-12 C	\$50.95	T12-405-12 A	\$50.95	T12-405-12 DLC	\$59.45
T12-405-13	\$77.85	T12-405-13 T	\$84.10	T12-405-13 C	\$84.10	T12-405-13 A	\$84.10	T12-405-13 DLC	\$98.15
T12-405-14	\$77.85	T12-405-14 T	\$84.10	T12-405-14 C	\$84.10	T12-405-14 A	\$84.10	T12-405-14 DLC	\$98.15
T12-405-15	\$77.85	T12-405-15 T	\$84.10	T12-405-15 C	\$84.10	T12-405-15 A	\$84.10	T12-405-15 DLC	\$98.15
T12-405-16	\$68.75	T12-405-16 T	\$75.00	T12-405-16 C	\$75.00	T12-405-16 A	\$75.00	T12-405-16 DLC	\$89.05

C8-201 2 Flute C-2 Grade Stub Length

Tool Number Uncoated	Price Uncoated	Tool Number DLC Coated	Price DLC Coated
C8-201-02	\$23.75	C8-201-02 DLC	\$37.30
C8-201-04	\$19.00	C8-201-04 DLC	\$32.55
C8-201-06	\$19.00	C8-201-06 DLC	\$32.55
C8-201-08	\$19.00	C8-201-08 DLC	\$32.55

C8-203 2 Flute C-2 Grade Standard Length

Tool Number Uncoated	Price Uncoated	Tool Number DLC Coated	Price DLC Coated
C8-203-02	\$30.60	C8-203-02 DLC	\$44.15
C8-203-04	\$25.75	C8-203-04 DLC	\$39.30
C8-203-06	\$25.75	C8-203-06 DLC	\$39.30
C8-203-08	\$25.75	C8-203-08 DLC	\$39.30

C8-301 3 Flute C-2 Grade Stub Length

Tool Number Uncoated	Price Uncoated	Tool Number DLC Coated	Price DLC Coated
C8-301-04	\$19.00	C8-301-04 DLC	\$32.55
C8-301-06	\$19.00	C8-301-06 DLC	\$32.55
C8-301-08	\$19.00	C8-301-08 DLC	\$32.55

C8-303 3 Flute C-2 Grade Standard Length

Tool Number Uncoated	Price Uncoated	Tool Number DLC Coated	Price DLC Coated
C8-303-04	\$25.75	C8-303-04 DLC	\$39.30
C8-303-06	\$25.75	C8-303-06 DLC	\$39.30
C8-303-08	\$25.75	C8-303-08 DLC	\$39.30

Multiple Applications

TS-201 2 Flute Tuffy Grade Stub Length

Tool Number Uncoated	Price Uncoated	Tool Number TiN Coated	Price TiN Coated	Tool Number TiCN Coated	Price TiCN Coated	Tool Number AITiN Coated	Price AITiN Coated	Tool Number DLC Coated	Price DLC Coated
TS-201-02	\$15.55	TS-201-02 T	\$16.85	TS-201-02 C	\$16.85	TS-201-02 A	\$16.85	TS-201-02 DLC	\$18.95
TS-201-03	\$15.45	TS-201-03 T	\$16.75	TS-201-03 C	\$16.75	TS-201-03 A	\$16.75	TS-201-03 DLC	\$18.85
TS-201-04	\$15.10	TS-201-04 T	\$16.40	TS-201-04 C	\$16.40	TS-201-04 A	\$16.40	TS-201-04 DLC	\$18.50
TS-201-06	\$21.05	TS-201-06 T	\$22.70	TS-201-06 C	\$22.70	TS-201-06 A	\$22.70	TS-201-06 DLC	\$25.55
TS-201-08	\$22.70	TS-201-08 T	\$25.25	TS-201-08 C	\$25.25	TS-201-08 A	\$25.25	TS-201-08 DLC	\$36.25
TS-201-10	\$25.20	TS-201-10 T	\$30.25	TS-201-10 C	\$30.25	TS-201-10 A	\$30.25	TS-201-10 DLC	\$38.75
TS-201-12	\$34.30	TS-201-12 T	\$39.35	TS-201-12 C	\$39.35	TS-201-12 A	\$39.35	TS-201-12 DLC	\$47.85
TS-201-14	\$54.50	TS-201-14 T	\$60.75	TS-201-14 C	\$60.75	TS-201-14 A	\$60.75	TS-201-14 DLC	\$74.80
TS-201-16	\$52.45	TS-201-16 T	\$58.70	TS-201-16 C	\$58.70	TS-201-16 A	\$58.70	TS-201-16 DLC	\$72.75
TS-201-20	\$102.65	TS-201-20 T	\$111.70	TS-201-20 C	\$111.70	TS-201-20 A	\$111.70	TS-201-20 DLC	\$122.95
TS-201-24	\$156.80	TS-201-24 T	\$167.50	TS-201-24 C	\$167.50	TS-201-24 A	\$167.50	TS-201-24 DLC	\$197.45

TS-301 3 Flute Tuffy Grade Stub Length

Tool Number Uncoated	Price Uncoated	Tool Number TiN Coated	Price TiN Coated	Tool Number TiCN Coated	Price TiCN Coated	Tool Number AITiN Coated	Price AITiN Coated	Tool Number DLC Coated	Price DLC Coated
TS-301-02	\$15.55	TS-301-02 T	\$16.85	TS-301-02 C	\$16.85	TS-301-02 A	\$16.85	TS-301-02 DLC	\$18.95
TS-301-03	\$15.45	TS-301-03 T	\$16.75	TS-301-03 C	\$16.75	TS-301-03 A	\$16.75	TS-301-03 DLC	\$18.85
TS-301-04	\$15.10	TS-301-04 T	\$16.40	TS-301-04 C	\$16.40	TS-301-04 A	\$16.40	TS-301-04 DLC	\$18.50
TS-301-06	\$21.05	TS-301-06 T	\$22.70	TS-301-06 C	\$22.70	TS-301-06 A	\$22.70	TS-301-06 DLC	\$25.55
TS-301-08	\$22.70	TS-301-08 T	\$25.25	TS-301-08 C	\$25.25	TS-301-08 A	\$25.25	TS-301-08 DLC	\$36.25
TS-301-10	\$25.20	TS-301-10 T	\$30.25	TS-301-10 C	\$30.25	TS-301-10 A	\$30.25	TS-301-10 DLC	\$38.75
TS-301-12	\$34.30	TS-301-12 T	\$39.35	TS-301-12 C	\$39.35	TS-301-12 A	\$39.35	TS-301-12 DLC	\$47.85
TS-301-14	\$54.50	TS-301-14 T	\$60.75	TS-301-14 C	\$60.75	TS-301-14 A	\$60.75	TS-301-14 DLC	\$74.80
TS-301-16	\$52.45	TS-301-16 T	\$58.70	TS-301-16 C	\$58.70	TS-301-16 A	\$58.70	TS-301-16 DLC	\$72.75

TS-401 4 Flute Tuffy Grade Stub Length

Tool Number Uncoated	Price Uncoated	Tool Number TiN Coated	Price TiN Coated	Tool Number TiCN Coated	Price TiCN Coated	Tool Number AITiN Coated	Price AITiN Coated	Tool Number DLC Coated	Price DLC Coated
TS-401-02	\$15.55	TS-401-02 T	\$16.85	TS-401-02 C	\$16.85	TS-401-02 A	\$16.85	TS-401-02 DLC	\$18.95
TS-401-03	\$15.45	TS-401-03 T	\$16.75	TS-401-03 C	\$16.75	TS-401-03 A	\$16.75	TS-401-03 DLC	\$18.85
TS-401-04	\$15.10	TS-401-04 T	\$16.40	TS-401-04 C	\$16.40	TS-401-04 A	\$16.40	TS-401-04 DLC	\$18.50
TS-401-06	\$21.05	TS-401-06 T	\$22.70	TS-401-06 C	\$22.70	TS-401-06 A	\$22.70	TS-401-06 DLC	\$25.55
TS-401-08	\$22.70	TS-401-08 T	\$25.25	TS-401-08 C	\$25.25	TS-401-08 A	\$25.25	TS-401-08 DLC	\$36.25
TS-401-10	\$25.20	TS-401-10 T	\$30.25	TS-401-10 C	\$30.25	TS-401-10 A	\$30.25	TS-401-10 DLC	\$38.75
TS-401-12	\$34.30	TS-401-12 T	\$39.35	TS-401-12 C	\$39.35	TS-401-12 A	\$39.35	TS-401-12 DLC	\$47.85
TS-401-14	\$54.50	TS-401-14 T	\$60.75	TS-401-14 C	\$60.75	TS-401-14 A	\$60.75	TS-401-14 DLC	\$74.80
TS-401-16	\$52.45	TS-401-16 T	\$58.70	TS-401-16 C	\$58.70	TS-401-16 A	\$58.70	TS-401-16 DLC	\$72.75
TS-401-20	\$102.65	TS-401-20 T	\$111.70	TS-401-20 C	\$111.70	TS-401-20 A	\$111.70	TS-401-20 DLC	\$122.95
TS-401-24	\$156.80	TS-401-24 T	\$167.50	TS-401-24 C	\$167.50	TS-401-24 A	\$167.50	TS-401-24 DLC	\$197.45

MTS-401 Metric 4 Flute Tuffy Grade Stub Length METRIC

Tool Number Uncoated	Price Uncoated	Tool Number TiN Coated	Price TiN Coated	Tool Number TiCN Coated	Price TiCN Coated	Tool Number AITiN Coated	Price AITiN Coated	Tool Number DLC Coated	Price DLC Coated
MTS-401-02	\$16.40	MTS-401-02 T	\$17.70	MTS-401-02 C	\$17.70	MTS-401-02 A	\$17.70	MTS-401-02 DLC	\$19.80
MTS-401-03	\$15.95	MTS-401-03 T	\$17.25	MTS-401-03 C	\$17.25	MTS-401-03 A	\$17.25	MTS-401-03 DLC	\$19.35
MTS-401-04	\$16.65	MTS-401-04 T	\$18.30	MTS-401-04 C	\$18.30	MTS-401-04 A	\$18.30	MTS-401-04 DLC	\$21.15
MTS-401-05	\$22.25	MTS-401-05 T	\$24.80	MTS-401-05 C	\$24.80	MTS-401-05 A	\$24.80	MTS-401-05 DLC	\$35.80
MTS-401-06	\$24.00	MTS-401-06 T	\$27.40	MTS-401-06 C	\$27.40	MTS-401-06 A	\$27.40	MTS-401-06 DLC	\$37.55
MTS-401-08	\$27.25	MTS-401-08 T	\$32.30	MTS-401-08 C	\$32.30	MTS-401-08 A	\$32.30	MTS-401-08 DLC	\$40.80
MTS-401-10	\$37.20	MTS-401-10 T	\$43.45	MTS-401-10 C	\$43.45	MTS-401-10 A	\$43.45	MTS-401-10 DLC	\$57.51
MTS-401-12	\$56.65	MTS-401-12 T	\$64.75	MTS-401-12 C	\$64.75	MTS-401-12 A	\$64.75	MTS-401-12 DLC	\$76.96
MTS-401-16	\$103.30	MTS-401-16 T	\$112.35	MTS-401-16 C	\$112.35	MTS-401-16 A	\$112.35	MTS-401-16 DLC	\$123.60
MTS-401-20	\$137.40	MTS-401-20 T	\$153.15	MTS-401-20 C	\$153.15	MTS-401-20 A	\$153.15	MTS-401-20 DLC	\$178.05

Multiple Applications

TR-303 3 Flute Tuffly Grade Standard Length

Tool Number Uncoated	Price Uncoated	Tool Number TiN Coated	Price TiN Coated	Tool Number TiCN Coated	Price TiCN Coated	Tool Number AlTiN Coated	Price AlTiN Coated	Tool Number DLC Coated	Price DLC Coated
TR-303-04*	\$16.50	TR-303-04 T*	\$17.80	TR-303-04 C*	\$17.80	TR-303-04 A*	\$17.80	TR-303-04 DLC*	\$19.90
TR-303-05*	\$25.00	TR-303-05 T*	\$26.65	TR-303-05 C*	\$26.65	TR-303-05 A*	\$26.65	TR-303-05 DLC*	\$29.50
TR-303-06*	\$28.55	TR-303-06 T*	\$30.20	TR-303-06 C*	\$30.20	TR-303-06 A*	\$30.20	TR-303-06 DLC*	\$33.05
TR-303-07*	\$32.00	TR-303-07 T*	\$35.40	TR-303-07 C*	\$35.40	TR-303-07 A*	\$35.40	TR-303-07 DLC*	\$45.55
TR-303-08*	\$31.40	TR-303-08 T*	\$34.80	TR-303-08 C*	\$34.80	TR-303-08 A*	\$34.80	TR-303-08 DLC*	\$44.95
TR-303-09*	\$37.45	TR-303-09 T*	\$42.50	TR-303-09 C*	\$42.50	TR-303-09 A*	\$42.50	TR-303-09 DLC*	\$51.00
TR-303-10*	\$34.95	TR-303-10 T*	\$40.00	TR-303-10 C*	\$40.00	TR-303-10 A*	\$40.00	TR-303-10 DLC*	\$48.50
TR-303-12	\$45.90	TR-303-12 T	\$50.95	TR-303-12 C	\$50.95	TR-303-12 A	\$50.95	TR-303-12 DLC	\$59.45
TR-303-14*	\$65.00	TR-303-14 T*	\$71.25	TR-303-14 C*	\$71.25	TR-303-14 A*	\$71.25	TR-303-14 DLC*	\$85.30
TR-303-16	\$68.75	TR-303-16 T	\$75.00	TR-303-16 C	\$75.00	TR-303-16 A	\$75.00	TR-303-16 DLC	\$89.05
TR-303-18*	\$118.10	TR-303-18 T*	\$126.20	TR-303-18 C*	\$126.20	TR-303-18 A*	\$126.20	TR-303-18 DLC*	\$138.40
TR-303-20	\$128.50	TR-303-20 T	\$137.55	TR-303-20 C	\$137.55	TR-303-20 A	\$137.55	TR-303-20 DLC	\$148.80
TR-303-24	\$179.60	TR-303-24 T	\$190.30	TR-303-24 C	\$190.30	TR-303-24 A	\$190.30	TR-303-24 DLC	\$220.25

*Does not come with flats.

TR-404 4 Flute Tuffly Grade Standard Length

Tool Number Uncoated	Price Uncoated	Tool Number TiN Coated	Price TiN Coated	Tool Number TiCN Coated	Price TiCN Coated	Tool Number AlTiN Coated	Price AlTiN Coated	Tool Number DLC Coated	Price DLC Coated
TR-404-04*	\$16.50	TR-404-04 T*	\$17.80	TR-404-04 C*	\$17.80	TR-404-04 A*	\$17.80	TR-404-04 DLC*	\$19.90
TR-404-05*	\$25.00	TR-404-05 T*	\$26.65	TR-404-05 C*	\$26.65	TR-404-05 A*	\$26.65	TR-404-05 DLC*	\$29.50
TR-404-06*	\$28.55	TR-404-06 T*	\$30.20	TR-404-06 C*	\$30.20	TR-404-06 A*	\$30.20	TR-404-06 DLC*	\$33.05
TR-404-07*	\$32.00	TR-404-07 T*	\$35.40	TR-404-07 C*	\$35.40	TR-404-07 A*	\$35.40	TR-404-07 DLC*	\$45.55
TR-404-08*	\$31.40	TR-404-08 T*	\$34.80	TR-404-08 C*	\$34.80	TR-404-08 A*	\$34.80	TR-404-08 DLC*	\$44.95
TR-404-09*	\$37.45	TR-404-09 T*	\$42.50	TR-404-09 C*	\$42.50	TR-404-09 A*	\$42.50	TR-404-09 DLC*	\$51.00
TR-404-10*	\$34.95	TR-404-10 T*	\$40.00	TR-404-10 C*	\$40.00	TR-404-10 A*	\$40.00	TR-404-10 DLC*	\$48.50
TR-404-12	\$45.90	TR-404-12 T	\$50.95	TR-404-12 C	\$50.95	TR-404-12 A	\$50.95	TR-404-12 DLC	\$59.45
TR-404-14*	\$65.00	TR-404-14 T*	\$71.25	TR-404-14 C*	\$71.25	TR-404-14 A*	\$71.25	TR-404-14 DLC*	\$85.30
TR-404-16	\$68.75	TR-404-16 T	\$75.00	TR-404-16 C	\$75.00	TR-404-16 A	\$75.00	TR-404-16 DLC	\$89.05
TR-404-18*	\$118.10	TR-404-18 T*	\$126.20	TR-404-18 C*	\$126.20	TR-404-18 A*	\$126.20	TR-404-18 DLC*	\$138.40
TR-404-20	\$128.50	TR-404-20 T	\$137.55	TR-404-20 C	\$137.55	TR-404-20 A	\$137.55	TR-404-20 DLC	\$148.80
TR-404-24	\$179.60	TR-404-24 T	\$190.30	TR-404-24 C	\$190.30	TR-404-24 A	\$190.30	TR-404-24 DLC	\$220.25

TR-606 6 Flute Tuffly Grade Standard Length

Tool Number Uncoated	Price Uncoated	Tool Number TiN Coated	Price TiN Coated	Tool Number TiCN Coated	Price TiCN Coated	Tool Number AlTiN Coated	Price AlTiN Coated	Tool Number DLC Coated	Price DLC Coated
TR-606-32	\$310.40	TR-606-32 T	\$328.50	TR-606-32 C	\$328.50	TR-606-32 A	\$328.50	TR-606-32 DLC	\$351.05

SB-201 2 Flute Tuffly Ball End Stub Length

Tool Number Uncoated	Price Uncoated	Tool Number TiN Coated	Price TiN Coated	Tool Number TiCN Coated	Price TiCN Coated	Tool Number AlTiN Coated	Price AlTiN Coated	Tool Number DLC Coated	Price DLC Coated
SB-201-02	\$19.85	SB-201-02 T	\$21.15	SB-201-02 C	\$21.15	SB-201-02 A	\$21.15	SB-201-02 DLC	\$23.25
SB-201-03	\$20.15	SB-201-03 T	\$21.45	SB-201-03 C	\$21.45	SB-201-03 A	\$21.45	SB-201-03 DLC	\$23.55
SB-201-04	\$18.75	SB-201-04 T	\$20.05	SB-201-04 C	\$20.05	SB-201-04 A	\$20.05	SB-201-04 DLC	\$22.15
SB-201-05	\$24.45	SB-201-05 T	\$26.10	SB-201-05 C	\$26.10	SB-201-05 A	\$26.10	SB-201-05 DLC	\$28.95
SB-201-06	\$25.30	SB-201-06 T	\$26.95	SB-201-06 C	\$26.95	SB-201-06 A	\$26.95	SB-201-06 DLC	\$29.80
SB-201-07	\$31.25	SB-201-07 T	\$34.65	SB-201-07 C	\$34.65	SB-201-07 A	\$34.65	SB-201-07 DLC	\$44.80
SB-201-08	\$30.60	SB-201-08 T	\$34.00	SB-201-08 C	\$34.00	SB-201-08 A	\$34.00	SB-201-08 DLC	\$44.15
SB-201-09	\$33.55	SB-201-09 T	\$38.60	SB-201-09 C	\$38.60	SB-201-09 A	\$38.60	SB-201-09 DLC	\$47.10
SB-201-10	\$32.20	SB-201-10 T	\$37.25	SB-201-10 C	\$37.25	SB-201-10 A	\$37.25	SB-201-10 DLC	\$45.75
SB-201-12	\$46.20	SB-201-12 T	\$51.25	SB-201-12 C	\$51.25	SB-201-12 A	\$51.25	SB-201-12 DLC	\$59.75
SB-201-14	\$56.20	SB-201-14 T	\$62.45	SB-201-14 C	\$62.45	SB-201-14 A	\$62.45	SB-201-14 DLC	\$76.50
SB-201-16	\$72.05	SB-201-16 T	\$78.30	SB-201-16 C	\$78.30	SB-201-16 A	\$78.30	SB-201-16 DLC	\$92.35
SB-201-20	\$129.65	SB-201-20 T	\$138.70	SB-201-20 C	\$138.70	SB-201-20 A	\$138.70	SB-201-20 DLC	\$149.95
SB-201-24	\$194.80	SB-201-24 T	\$205.50	SB-201-24 C	\$205.50	SB-201-24 A	\$205.50	SB-201-24 DLC	\$235.45

Multiple Applications

MSB-201 Metric 2 Flute Tuffy Ball End Mill Stub METRIC

Tool Number Uncoated	Price Uncoated	Tool Number TiN Coated	Price TiN Coated	Tool Number TiCN Coated	Price TiCN Coated	Tool Number AlTiN Coated	Price AlTiN Coated	Tool Number DLC Coated	Price DLC Coated
MSB-201-02	\$19.10	MSB-201-02 T	\$20.40	MSB-201-02 C	\$20.40	MSB-201-02 A	\$20.40	MSB-201-02 DLC	\$22.50
MSB-201-03	\$17.75	MSB-201-03 T	\$19.05	MSB-201-03 C	\$19.05	MSB-201-03 A	\$19.05	MSB-201-03 DLC	\$21.15
MSB-201-04	\$22.55	MSB-201-04 T	\$24.20	MSB-201-04 C	\$24.20	MSB-201-04 A	\$24.20	MSB-201-04 DLC	\$27.05
MSB-201-05	\$26.25	MSB-201-05 T	\$28.80	MSB-201-05 C	\$28.80	MSB-201-05 A	\$28.80	MSB-201-05 DLC	\$30.75
MSB-201-06	\$29.00	MSB-201-06 T	\$32.40	MSB-201-06 C	\$32.40	MSB-201-06 A	\$32.40	MSB-201-06 DLC	\$42.55
MSB-201-08	\$31.45	MSB-201-08 T	\$36.50	MSB-201-08 C	\$36.50	MSB-201-08 A	\$36.50	MSB-201-08 DLC	\$45.00
MSB-201-10	\$44.95	MSB-201-10 T	\$51.20	MSB-201-10 C	\$51.20	MSB-201-10 A	\$51.20	MSB-201-10 DLC	\$65.25
MSB-201-12	\$66.65	MSB-201-12 T	\$74.75	MSB-201-12 C	\$74.75	MSB-201-12 A	\$74.75	MSB-201-12 DLC	\$86.95
MSB-201-16	\$109.35	MSB-201-16 T	\$117.45	MSB-201-16 C	\$117.45	MSB-201-16 A	\$117.45	MSB-201-16 DLC	\$129.65
MSB-201-20	\$155.90	MSB-201-20 T	\$171.65	MSB-201-20 C	\$171.65	MSB-201-20 A	\$171.65	MSB-201-20 DLC	\$196.55

B-203 2 Flute Tuffy Ball End Standard Length

Tool Number Uncoated	Price Uncoated	Tool Number TiN Coated	Price TiN Coated	Tool Number TiCN Coated	Price TiCN Coated	Tool Number AlTiN Coated	Price AlTiN Coated	Tool Number DLC Coated	Price DLC Coated
B-203-02	\$20.90	B-203-02 T	\$22.20	B-203-02 C	\$22.20	B-203-02 A	\$22.20	B-203-02 DLC	\$24.30
B-203-03	\$21.25	B-203-03 T	\$22.55	B-203-03 C	\$22.55	B-203-03 A	\$22.55	B-203-03 DLC	\$24.65
B-203-04	\$19.85	B-203-04 T	\$21.15	B-203-04 C	\$21.15	B-203-04 A	\$21.15	B-203-04 DLC	\$23.25
B-203-05	\$25.95	B-203-05 T	\$27.60	B-203-05 C	\$27.60	B-203-05 A	\$27.60	B-203-05 DLC	\$30.45
B-203-06	\$26.80	B-203-06 T	\$28.45	B-203-06 C	\$28.45	B-203-06 A	\$28.45	B-203-06 DLC	\$31.30
B-203-07	\$33.05	B-203-07 T	\$36.45	B-203-07 C	\$36.45	B-203-07 A	\$36.45	B-203-07 DLC	\$46.60
B-203-08	\$32.45	B-203-08 T	\$35.85	B-203-08 C	\$35.85	B-203-08 A	\$35.85	B-203-08 DLC	\$46.00
B-203-09	\$35.50	B-203-09 T	\$40.55	B-203-09 C	\$40.55	B-203-09 A	\$40.55	B-203-09 DLC	\$49.05
B-203-10	\$34.10	B-203-10 T	\$39.15	B-203-10 C	\$39.15	B-203-10 A	\$39.15	B-203-10 DLC	\$47.65
B-203-12	\$48.95	B-203-12 T	\$54.00	B-203-12 C	\$54.00	B-203-12 A	\$54.00	B-203-12 DLC	\$62.50
B-203-14	\$59.45	B-203-14 T	\$65.70	B-203-14 C	\$65.70	B-203-14 A	\$65.70	B-203-14 DLC	\$79.75
B-203-16	\$76.10	B-203-16 T	\$82.35	B-203-16 C	\$82.35	B-203-16 A	\$82.35	B-203-16 DLC	\$96.40
B-203-20	\$137.15	B-203-20 T	\$146.20	B-203-20 C	\$146.20	B-203-20 A	\$146.20	B-203-20 DLC	\$157.45
B-203-24	\$206.05	B-203-24 T	\$216.75	B-203-24 C	\$216.75	B-203-24 A	\$216.75	B-203-24 DLC	\$246.70

MB-203 Metric 2 Flute Tuffy Ball End Standard Length METRIC

Tool Number Uncoated	Price Uncoated	Tool Number TiN Coated	Price TiN Coated	Tool Number TiCN Coated	Price TiCN Coated	Tool Number AlTiN Coated	Price AlTiN Coated	Tool Number DLC Coated	Price DLC Coated
MB-203-02	\$20.25	MB-203-02 T	\$21.55	MB-203-02 C	\$21.55	MB-203-02 A	\$21.55	MB-203-02 DLC	\$23.65
MB-203-03	\$18.95	MB-203-03 T	\$20.25	MB-203-03 C	\$20.25	MB-203-03 A	\$20.25	MB-203-03 DLC	\$22.35
MB-203-04	\$24.60	MB-203-04 T	\$26.25	MB-203-04 C	\$26.25	MB-203-04 A	\$26.25	MB-203-04 DLC	\$29.10
MB-203-05	\$24.60	MB-203-05 T	\$27.15	MB-203-05 C	\$27.15	MB-203-05 A	\$27.15	MB-203-05 DLC	\$38.15
MB-203-06	\$30.80	MB-203-06 T	\$34.20	MB-203-06 C	\$34.20	MB-203-06 A	\$34.20	MB-203-06 DLC	\$44.35
MB-203-08	\$33.35	MB-203-08 T	\$38.40	MB-203-08 C	\$38.40	MB-203-08 A	\$38.40	MB-203-08 DLC	\$46.90
MB-203-10	\$47.60	MB-203-10 T	\$53.85	MB-203-10 C	\$53.85	MB-203-10 A	\$53.85	MB-203-10 DLC	\$67.90
MB-203-12	\$72.80	MB-203-12 T	\$80.90	MB-203-12 C	\$80.90	MB-203-12 A	\$80.90	MB-203-12 DLC	\$93.10
MB-203-16	\$128.35	MB-203-16 T	\$137.40	MB-203-16 C	\$137.40	MB-203-16 A	\$137.40	MB-203-16 DLC	\$148.65
MB-203-20	\$180.90	MB-203-20 T	\$196.65	MB-203-20 C	\$196.65	MB-203-20 A	\$196.65	MB-203-20 DLC	\$221.55

SB-301 3 Flute Tuffy Ball End Stub Length

Tool Number Uncoated	Price Uncoated	Tool Number TiN Coated	Price TiN Coated	Tool Number TiCN Coated	Price TiCN Coated	Tool Number AlTiN Coated	Price AlTiN Coated	Tool Number DLC Coated	Price DLC Coated
SB-301-02	\$19.85	SB-301-02 T	\$21.15	SB-301-02 C	\$21.15	SB-301-02 A	\$21.15	SB-301-02 DLC	\$23.25
SB-301-03	\$20.15	SB-301-03 T	\$21.45	SB-301-03 C	\$21.45	SB-301-03 A	\$21.45	SB-301-03 DLC	\$23.55
SB-301-04	\$18.75	SB-301-04 T	\$20.05	SB-301-04 C	\$20.05	SB-301-04 A	\$20.05	SB-301-04 DLC	\$22.15
SB-301-05	\$24.45	SB-301-05 T	\$26.10	SB-301-05 C	\$26.10	SB-301-05 A	\$26.10	SB-301-05 DLC	\$28.95
SB-301-06	\$25.30	SB-301-06 T	\$26.95	SB-301-06 C	\$26.95	SB-301-06 A	\$26.95	SB-301-06 DLC	\$29.80
SB-301-07	\$31.25	SB-301-07 T	\$34.65	SB-301-07 C	\$34.65	SB-301-07 A	\$34.65	SB-301-07 DLC	\$44.80
SB-301-08	\$30.60	SB-301-08 T	\$34.00	SB-301-08 C	\$34.00	SB-301-08 A	\$34.00	SB-301-08 DLC	\$44.15
SB-301-09	\$33.55	SB-301-09 T	\$38.60	SB-301-09 C	\$38.60	SB-301-09 A	\$38.60	SB-301-09 DLC	\$47.10
SB-301-10	\$32.20	SB-301-10 T	\$37.25	SB-301-10 C	\$37.25	SB-301-10 A	\$37.25	SB-301-10 DLC	\$45.75
SB-301-12	\$46.20	SB-301-12 T	\$51.25	SB-301-12 C	\$51.25	SB-301-12 A	\$51.25	SB-301-12 DLC	\$59.75
SB-301-14	\$56.20	SB-301-14 T	\$62.45	SB-301-14 C	\$62.45	SB-301-14 A	\$62.45	SB-301-14 DLC	\$76.50

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Multiple Applications

SB-301 3 Flute Tuffy Ball End Stub Length —continued from previous

Tool Number Uncoated	Price Uncoated	Tool Number TiN Coated	Price TiN Coated	Tool Number TiCN Coated	Price TiCN Coated	Tool Number AITiN Coated	Price AITiN Coated	Tool Number DLC Coated	Price DLC Coated
SB-301-16	\$72.05	SB-301-16 T	\$78.30	SB-301-16 C	\$78.30	SB-301-16 A	\$78.30	SB-301-16 DLC	\$92.35
SB-301-20	\$129.65	SB-301-20 T	\$138.70	SB-301-20 C	\$138.70	SB-301-20 A	\$138.70	SB-301-20 DLC	\$149.95
SB-301-24	\$194.80	SB-301-24 T	\$205.50	SB-301-24 C	\$205.50	SB-301-24 A	\$205.50	SB-301-24 DLC	\$235.45

MSB-301 Metric 3 Flute Tuffy Ball End Stub Length **METRIC**

Tool Number Uncoated	Price Uncoated	Tool Number TiN Coated	Price TiN Coated	Tool Number TiCN Coated	Price TiCN Coated	Tool Number AITiN Coated	Price AITiN Coated	Tool Number DLC Coated	Price DLC Coated
MSB-301-1.5	\$18.55	MSB-301-1.5 T	\$19.85	MSB-301-1.5 C	\$19.85	MSB-301-1.5 A	\$19.85	MSB-301-1.5 DLC	\$21.95
MSB-301-02	\$19.10	MSB-301-02 T	\$20.40	MSB-301-02 C	\$20.40	MSB-301-02 A	\$20.40	MSB-301-02 DLC	\$22.50
MSB-301-03	\$17.75	MSB-301-03 T	\$19.05	MSB-301-03 C	\$19.05	MSB-301-03 A	\$19.05	MSB-301-03 DLC	\$21.15
MSB-301-04	\$22.55	MSB-301-04 T	\$24.20	MSB-301-04 C	\$24.20	MSB-301-04 A	\$24.20	MSB-301-04 DLC	\$27.05
MSB-301-05	\$26.25	MSB-301-05 T	\$28.80	MSB-301-05 C	\$28.80	MSB-301-05 A	\$28.80	MSB-301-05 DLC	\$30.75
MSB-301-06	\$29.00	MSB-301-06 T	\$32.40	MSB-301-06 C	\$32.40	MSB-301-06 A	\$32.40	MSB-301-06 DLC	\$42.55
MSB-301-08	\$31.45	MSB-301-08 T	\$36.50	MSB-301-08 C	\$36.50	MSB-301-08 A	\$36.50	MSB-301-08 DLC	\$45.00
MSB-301-10	\$44.95	MSB-301-10 T	\$51.20	MSB-301-10 C	\$51.20	MSB-301-10 A	\$51.20	MSB-301-10 DLC	\$58.50
MSB-301-12	\$66.65	MSB-301-12 T	\$74.75	MSB-301-12 C	\$74.75	MSB-301-12 A	\$74.75	MSB-301-12 DLC	\$86.95
MSB-301-16	\$109.35	MSB-301-16 T	\$118.40	MSB-301-16 C	\$118.40	MSB-301-16 A	\$118.40	MSB-301-16 DLC	\$129.65
MSB-301-20	\$155.90	MSB-301-20 T	\$171.65	MSB-301-20 C	\$171.65	MSB-301-20 A	\$171.65	MSB-301-20 DLC	\$196.55

B-333 3 Flute Tuffy Ball End Standard Length

Tool Number Uncoated	Price Uncoated	Tool Number TiN Coated	Price TiN Coated	Tool Number TiCN Coated	Price TiCN Coated	Tool Number AITiN Coated	Price AITiN Coated	Tool Number DLC Coated	Price DLC Coated
B-333-02	\$20.90	B-333-02 T	\$22.20	B-333-02 C	\$22.20	B-333-02 A	\$22.20	B-333-02 DLC	\$24.30
B-333-03	\$21.25	B-333-03 T	\$22.55	B-333-03 C	\$22.55	B-333-03 A	\$22.55	B-333-03 DLC	\$24.65
B-333-04	\$19.85	B-333-04 T	\$21.15	B-333-04 C	\$21.15	B-333-04 A	\$21.15	B-333-04 DLC	\$23.25
B-333-05	\$25.95	B-333-05 T	\$27.60	B-333-05 C	\$27.60	B-333-05 A	\$27.60	B-333-05 DLC	\$30.45
B-333-06	\$26.80	B-333-06 T	\$28.45	B-333-06 C	\$28.45	B-333-06 A	\$28.45	B-333-06 DLC	\$31.30
B-333-07	\$33.05	B-333-07 T	\$36.45	B-333-07 C	\$36.45	B-333-07 A	\$36.45	B-333-07 DLC	\$46.60
B-333-08	\$32.45	B-333-08 T	\$35.85	B-333-08 C	\$35.85	B-333-08 A	\$35.85	B-333-08 DLC	\$46.00
B-333-09	\$35.50	B-333-09 T	\$40.55	B-333-09 C	\$40.55	B-333-09 A	\$40.55	B-333-09 DLC	\$49.05
B-333-10	\$34.10	B-333-10 T	\$39.15	B-333-10 C	\$39.15	B-333-10 A	\$39.15	B-333-10 DLC	\$47.65
B-333-12	\$48.95	B-333-12 T	\$54.00	B-333-12 C	\$54.00	B-333-12 A	\$54.00	B-333-12 DLC	\$62.50
B-333-14	\$59.45	B-333-14 T	\$65.70	B-333-14 C	\$65.70	B-333-14 A	\$65.70	B-333-14 DLC	\$79.75
B-333-16	\$76.10	B-333-16 T	\$82.35	B-333-16 C	\$82.35	B-333-16 A	\$82.35	B-333-16 DLC	\$96.40
B-333-20	\$135.00	B-333-20 T	\$144.05	B-333-20 C	\$144.05	B-333-20 A	\$144.05	B-333-20 DLC	\$155.30
B-333-24	\$206.05	B-333-24 T	\$216.75	B-333-24 C	\$216.75	B-333-24 A	\$216.75	B-333-24 DLC	\$246.70
B-333-32	\$231.10	B-333-32 T	\$249.20	B-333-32 C	\$249.20	B-333-32 A	\$249.20	B-333-32 DLC	\$271.75
BL-333-32	\$235.55	BL-333-32 T	\$253.65	BL-333-32 C	\$253.65	BL-333-32 A	\$253.65	BL-333-32 DLC	\$276.20
BX-333-32	\$251.20	BX-333-32 T	\$273.65	BX-333-32 C	\$273.65	BX-333-32 A	\$273.65	BX-333-32 DLC	\$332.45

MB-333 Metric 3 Flute Tuffy Ball End Standard Length **METRIC**

Tool Number Uncoated	Price Uncoated	Tool Number TiN Coated	Price TiN Coated	Tool Number TiCN Coated	Price TiCN Coated	Tool Number AITiN Coated	Price AITiN Coated	Tool Number DLC Coated	Price DLC Coated
MB-333-1.5	\$19.60	MB-333-1.5 T	\$20.90	MB-333-1.5 C	\$20.90	MB-333-1.5 A	\$20.90	MB-333-1.5 DLC	\$23.00
MB-333-02	\$20.25	MB-333-02 T	\$21.55	MB-333-02 C	\$21.55	MB-333-02 A	\$21.55	MB-333-02 DLC	\$23.65
MB-333-03	\$18.95	MB-333-03 T	\$20.25	MB-333-03 C	\$20.25	MB-333-03 A	\$20.25	MB-333-03 DLC	\$22.35
MB-333-04	\$24.60	MB-333-04 T	\$26.25	MB-333-04 C	\$26.25	MB-333-04 A	\$26.25	MB-333-04 DLC	\$29.10
MB-333-05	\$29.05	MB-333-05 T	\$31.60	MB-333-05 C	\$31.60	MB-333-05 A	\$31.60	MB-333-05 DLC	\$42.60
MB-333-06	\$30.80	MB-333-06 T	\$34.20	MB-333-06 C	\$34.20	MB-333-06 A	\$34.20	MB-333-06 DLC	\$44.35
MB-333-08	\$33.35	MB-333-08 T	\$38.40	MB-333-08 C	\$38.40	MB-333-08 A	\$38.40	MB-333-08 DLC	\$46.90
MB-333-10	\$47.60	MB-333-10 T	\$53.85	MB-333-10 C	\$53.85	MB-333-10 A	\$53.85	MB-333-10 DLC	\$67.90
MB-333-12	\$72.80	MB-333-12 T	\$80.90	MB-333-12 C	\$80.90	MB-333-12 A	\$80.90	MB-333-12 DLC	\$93.10
MB-333-16	\$128.35	MB-333-16 T	\$137.40	MB-333-16 C	\$137.40	MB-333-16 A	\$137.40	MB-333-16 DLC	\$148.65
MB-333-20	\$180.90	MB-333-20 T	\$196.65	MB-333-20 C	\$196.65	MB-333-20 A	\$196.65	MB-333-20 DLC	\$221.55

Multiple Applications

NR-204 2 Flute C-2 Grade Standard Length

Tool Number Uncoated	Price Uncoated	Tool Number No Flats, Uncoated	Price No Flats, Uncoated	Tool Number DLC Coated	Price DLC Coated	Tool Number No Flats, DLC Coated	Price No Flats, DLC Coated
—	—	NR-204-02	\$16.50	—	—	NR-204-02 DLC	\$19.90
—	—	NR-204-02.5	\$17.00	—	—	NR-204-02.5 DLC	\$20.40
—	—	NR-204-03	\$16.50	—	—	NR-204-03 DLC	\$19.90
—	—	NR-204-03.5	\$17.00	—	—	NR-204-03.5 DLC	\$20.40
—	—	NR-204-04	\$15.40	—	—	NR-204-04 DLC	\$18.80
—	—	NR-204-04.5	\$20.35	—	—	NR-204-04.5 DLC	\$24.85
—	—	NR-204-05	\$20.00	—	—	NR-204-05 DLC	\$24.50
—	—	NR-204-05.5	\$23.45	—	—	NR-204-05.5 DLC	\$27.95
—	—	NR-204-06	\$22.15	—	—	NR-204-06 DLC	\$26.65
—	—	NR-204-06.5	\$26.30	—	—	NR-204-06.5 DLC	\$39.85
—	—	NR-204-07	\$25.45	—	—	NR-204-07 DLC	\$39.00
—	—	NR-204-07.5	\$26.05	—	—	NR-204-07.5 DLC	\$39.60
—	—	NR-204-08	\$26.40	—	—	NR-204-08 DLC	\$39.95
—	—	NR-204-08.5	\$31.95	—	—	NR-204-08.5 DLC	\$45.50
—	—	NR-204-09	\$27.50	—	—	NR-204-09 DLC	\$41.05
—	—	NR-204-09.5	\$35.45	—	—	NR-204-09.5 DLC	\$49.00
—	—	NR-204-10	\$28.25	—	—	NR-204-10 DLC	\$41.80
NR-204-10.5	\$42.20	NR-204-10.5 NF	\$42.20	NR-204-10.5 DLC	\$55.75	NR-204-10.5 DLC	\$55.75
NR-204-11	\$36.15	NR-204-11 NF	\$36.15	NR-204-11 DLC	\$49.70	NR-204-11 NF DLC	\$49.70
NR-204-11.5	\$42.35	NR-204-11.5 NF	\$42.35	NR-204-11.5 DLC	\$55.90	NR-204-11.5 NF DLC	\$55.90
NR-204-12	\$36.45	NR-204-12 NF	\$36.45	NR-204-12 DLC	\$50.00	NR-204-12 NF DLC	\$50.00
—	—	NR-204-12.5	\$50.60	—	—	NR-204-12.5 DLC	\$70.90
—	—	NR-204-13	\$48.50	—	—	NR-204-13 DLC	\$68.80
—	—	NR-204-13.5	\$54.65	—	—	NR-204-13.5 DLC	\$74.95
—	—	NR-204-14	\$49.65	—	—	NR-204-14 DLC	\$69.95
NR-204-14.5	\$67.05	NR-204-14.5 NF	\$67.05	NR-204-14.5 DLC	\$87.35	NR-204-14.5 NF DLC	\$87.35
NR-204-15	\$60.15	NR-204-15 NF	\$60.15	NR-204-15 DLC	\$80.45	NR-204-15 NF DLC	\$80.45
NR-204-15.5	\$68.25	NR-204-15.5 NF	\$68.25	NR-204-15.5 DLC	\$88.55	NR-204-15.5 NF DLC	\$88.55
NR-204-16	\$56.20	NR-204-16 NF	\$56.20	NR-204-16 DLC	\$76.50	NR-204-16 NF DLC	\$76.50
NR-204-16.5	\$73.50	NR-204-16.5 NF	\$73.50	NR-204-16.5 DLC	\$93.80	NR-204-16.5 NF DLC	\$93.80
—	—	NR-204-18	\$97.25	—	—	NR-204-18 DLC	\$117.55
NR-204-20	\$104.55	NR-204-20 NF	\$104.55	NR-204-20 DLC	\$124.85	NR-204-20 NF DLC	\$124.85
NR-204-24	\$154.25	NR-204-24 NF	\$154.25	NR-204-24 DLC	\$194.90	NR-204-24 NF DLC	\$194.90
NR-204-32	\$230.95	NR-204-32 NF	\$230.95	NR-204-32 DLC	\$271.60	NR-204-32 NF DLC	\$271.60

MNR-204 Metric 2 Flute C-2 Grade Standard Length METRIC

Tool Number Uncoated	Price Uncoated	Tool Number No Flats, Uncoated	Price No Flats, Uncoated	Tool Number DLC Coated	Price DLC Coated	Tool Number No Flats, DLC Coated	Price No Flats, DLC Coated
—	—	MNR-204-02	\$16.05	—	—	MNR-204-02 DLC	\$19.45
—	—	MNR-204-03	\$14.65	—	—	MNR-204-03 DLC	\$18.05
—	—	MNR-204-04	\$18.95	—	—	MNR-204-04 DLC	\$23.45
—	—	MNR-204-05	\$24.85	—	—	MNR-204-05 DLC	\$38.40
—	—	MNR-204-06	\$27.65	—	—	MNR-204-06 DLC	\$41.20
—	—	MNR-204-08	\$29.85	—	—	MNR-204-08 DLC	\$43.40
—	—	MNR-204-10	\$35.50	—	—	MNR-204-10 DLC	\$55.80
—	—	MNR-204-12	\$54.40	—	—	MNR-204-12 DLC	\$74.70
—	—	MNR-204-16	\$107.65	—	—	MNR-204-16 DLC	\$127.95
—	—	MNR-204-20	\$142.65	—	—	MNR-204-20 DLC	\$183.30
—	—	MNR-204-25	\$213.55	—	—	MNR-204-25 DLC	\$254.20

NOTE: Metric tools do not have flats.

Multiple Applications

NR-303 3 Flute C-2 Grade Standard Length

Tool Number Uncoated	Price Uncoated	Tool Number No Flats, Uncoated	Price No Flats, Uncoated	Tool Number DLC Coated	Price DLC Coated	Tool Number No Flats, DLC Coated	Price No Flats, DLC Coated
—	—	NR-303-02	\$16.50	—	—	NR-303-02 DLC	\$19.90
—	—	NR-303-02.5	\$17.00	—	—	NR-303-02.5 DLC	\$20.40
—	—	NR-303-03	\$16.50	—	—	NR-303-03 DLC	\$19.90
—	—	NR-303-03.5	\$17.00	—	—	NR-303-03.5 DLC	\$20.40
—	—	NR-303-04	\$15.40	—	—	NR-303-04 DLC	\$18.80
—	—	NR-303-05	\$20.00	—	—	NR-303-05 DLC	\$24.50
—	—	NR-303-06	\$22.15	—	—	NR-303-06 DLC	\$26.65
—	—	NR-303-07	\$25.45	—	—	NR-303-07 DLC	\$39.00
—	—	NR-303-08	\$26.40	—	—	NR-303-08 DLC	\$39.95
—	—	NR-303-09	\$27.50	—	—	NR-303-09 DLC	\$41.05
—	—	NR-303-10	\$28.25	—	—	NR-303-10 DLC	\$41.80
NR-303-12	\$36.45	NR-303-12 NF	\$36.45	NR-303-12 DLC	\$50.00	NR-303-12 NF DLC	\$50.00
—	—	NR-303-14	\$49.65	—	—	NR-303-14 DLC	\$69.95
NR-303-16	\$56.20	NR-303-16 NF	\$56.20	NR-303-16 DLC	\$76.50	NR-303-16 NF DLC	\$76.50
—	—	NR-303-18	\$100.45	—	—	NR-303-18 DLC	\$120.75
NR-303-20	\$104.55	NR-303-20 NF	\$104.55	NR-303-20 DLC	\$124.85	NR-303-20 NF DLC	\$124.85
NR-303-24	\$154.25	NR-303-24 NF	\$154.25	NR-303-24 DLC	\$194.90	NR-303-24 NF DLC	\$194.90

MNR-303 Metric 3 Flute C-2 Grade Standard Length METRIC

Tool Number Uncoated	Price Uncoated	Tool Number No Flats, Uncoated	Price No Flats, Uncoated	Tool Number DLC Coated	Price DLC Coated	Tool Number No Flats, DLC Coated	Price No Flats, DLC Coated
—	—	MNR-303-02	\$16.05	—	—	MNR-303-02 DLC	\$19.45
—	—	MNR-303-03	\$14.65	—	—	MNR-303-03 DLC	\$18.05
—	—	MNR-303-04	\$18.95	—	—	MNR-303-04 DLC	\$23.45
—	—	MNR-303-05	\$24.85	—	—	MNR-303-05 DLC	\$38.40
—	—	MNR-303-06	\$27.65	—	—	MNR-303-06 DLC	\$41.20
—	—	MNR-303-08	\$29.85	—	—	MNR-303-08 DLC	\$43.40
—	—	MNR-303-10	\$35.50	—	—	MNR-303-10 DLC	\$55.80
—	—	MNR-303-12	\$54.40	—	—	MNR-303-12 DLC	\$74.40
—	—	MNR-303-16	\$107.65	—	—	MNR-303-16 DLC	\$127.95
—	—	MNR-303-20	\$142.65	—	—	MNR-303-20 DLC	\$183.30
—	—	MNR-303-25	\$213.55	—	—	MNR-303-25 DLC	\$254.20

NOTE: Metric tools do not have flats.

NR-404 4 Flute C-2 Grade Standard Length

Tool Number Uncoated	Price Uncoated	Tool Number No Flats, Uncoated	Price No Flats, Uncoated	Tool Number DLC Coated	Price DLC Coated	Tool Number No Flats, DLC Coated	Price No Flats, DLC Coated
—	—	NR-404-02	\$16.50	—	—	NR-404-02 DLC	\$19.90
—	—	NR-404-02.5	\$17.00	—	—	NR-404-02.5 DLC	\$20.40
—	—	NR-404-03	\$16.50	—	—	NR-404-03 DLC	\$19.90
—	—	NR-404-03.5	\$17.00	—	—	NR-404-03.5 DLC	\$20.40
—	—	NR-404-04	\$15.40	—	—	NR-404-04 DLC	\$18.80
—	—	NR-404-04.5	\$20.35	—	—	NR-404-04.5 DLC	\$24.85
—	—	NR-404-05	\$20.00	—	—	NR-404-05 DLC	\$24.50
—	—	NR-404-05.5	\$23.45	—	—	NR-404-05.5 DLC	\$27.95
—	—	NR-404-06	\$22.15	—	—	NR-404-06 DLC	\$26.65
—	—	NR-404-06.5	\$26.30	—	—	NR-404-06.5 DLC	\$39.85
—	—	NR-404-07	\$25.45	—	—	NR-404-07 DLC	\$39.00
—	—	NR-404-07.5	\$26.05	—	—	NR-404-07.5 DLC	\$39.60
—	—	NR-404-08	\$26.40	—	—	NR-404-08 DLC	\$39.95
—	—	NR-404-08.5	\$31.95	—	—	NR-404-08.5 DLC	\$45.50
—	—	NR-404-09	\$27.50	—	—	NR-404-09 DLC	\$41.05
—	—	NR-404-09.5	\$35.45	—	—	NR-404-09.5 DLC	\$49.00
—	—	NR-404-10	\$28.25	—	—	NR-404-10 DLC	\$41.80
NR-404-10.5	\$42.20	NR-404-10.5 NF	\$42.20	NR-404-10.5 DLC	\$55.75	NR-404-10.5 NF DLC	\$55.75
NR-404-11	\$36.15	NR-404-11 NF	\$36.15	NR-404-11 DLC	\$49.70	NR-404-11 NF DLC	\$49.70
NR-404-11.5	\$42.35	NR-404-11.5 NF	\$42.35	NR-404-11.5 DLC	\$55.90	NR-404-11.5 NF DLC	\$55.90
NR-404-12	\$36.45	NR-404-12 NF	\$36.45	NR-404-12 DLC	\$50.00	NR-404-12 NF DLC	\$50.00

Multiple Applications

NR-404 4 Flute C-2 Grade Standard Length

Tool Number Uncoated	Price Uncoated	Tool Number No Flats, Uncoated	Price No Flats, Uncoated	Tool Number DLC Coated	Price DLC Coated	Tool Number No Flats, DLC Coated	Price No Flats, DLC Coated
—	—	NR-404-12.5	\$50.60	—	—	NR-404-12.5 DLC	\$70.90
—	—	NR-404-13	\$48.50	—	—	NR-404-13 DLC	\$68.80
—	—	NR-404-13.5	\$54.65	—	—	NR-404-13.5 DLC	\$74.95
—	—	NR-404-14	\$49.65	—	—	NR-404-14 DLC	\$69.95
NR-404-14.5	\$67.05	NR-404-14.5 NF	\$67.05	NR-404-14.5 DLC	\$87.35	NR-404-14.5 NF DLC	\$87.35
NR-404-15	\$60.15	NR-404-15 NF	\$60.15	NR-404-15 DLC	\$80.45	NR-404-15 NF DLC	\$80.45
NR-404-15.5	\$68.25	NR-404-15.5 NF	\$68.25	NR-404-15.5 DLC	\$88.55	NR-404-15.5 NF DLC	\$88.55
NR-404-16	\$56.20	NR-404-16 NF	\$56.20	NR-404-16 DLC	\$76.50	NR-404-16 NF DLC	\$76.50
NR-404-16.5	\$73.50	NR-404-16.5 NF	\$73.50	NR-404-16.5 DLC	\$93.80	NR-404-16.5 NF DLC	\$93.80
—	—	NR-404-18	\$97.25	—	—	NR-404-18 DLC	\$117.55
NR-404-20	\$104.55	NR-404-20 NF	\$104.55	NR-404-20 DLC	\$124.85	NR-404-20 NF DLC	\$124.85
NR-404-24	\$154.25	NR-404-24 NF	\$154.25	NR-404-24 DLC	\$194.90	NR-404-24 NF DLC	\$194.90
NR-404-32	\$230.95	NR-404-32 NF	\$230.95	NR-404-32 DLC	\$271.60	NR-404-32 NF DLC	\$271.60

EX-204 2 Flute Tuffy Grade Extra Length

Tool Number Uncoated	Price Uncoated	Tool Number No Flats, Uncoated	Price No Flats, Uncoated
—	—	EX-204-04	\$55.20
—	—	EX-204-06	\$56.50
—	—	EX-204-08	\$61.10
—	—	EX-204-10	\$62.75
EX-204-12	\$99.90	EX-204-12 NF	\$90.90
—	—	EX-204-14	\$101.50
EX-204-16	\$111.60	EX-204-16 NF	\$111.60

EX-206 2 Flute Tuffy Grade Extra Length Extended Reach

Tool Number Uncoated	Price Uncoated
EX-206-16	\$137.25
EX-206-20	\$180.65
EX-206-24	\$230.35
EX-206-32	\$310.40

ET1 Double Lip Engraving Tool for Tougher Materials

Tool Number Uncoated	Price Uncoated
ET1-01030	\$14.85
ET1-01530	\$14.85
ET1-02030	\$14.85
ET1-03030	\$14.85
ET1-04030	\$14.85
ET1-05030	\$14.85
ET1-06030	\$14.85
ET1-01045	\$14.85
ET1-01545	\$14.85
ET1-02045	\$14.85
ET1-03045	\$14.85
ET1-04045	\$14.85
ET1-05045	\$14.85
ET1-06045	\$14.85

ET2 Plunge Tip Engraving Tool for Drill & Engrave

Tool Number Uncoated	Price Uncoated
ET2-01060	\$16.90
ET2-02060	\$16.90
ET2-01090	\$16.90
ET2-02090	\$16.90

ET3 Ball Tip Engraving Tool

Tool Number Uncoated	Price Uncoated
ET3-00530	\$15.90
ET3-01030	\$15.90
ET3-02030	\$15.90
ET3-03030	\$15.90
ET3-00560	\$15.90
ET3-01060	\$15.90
ET3-02060	\$15.90
ET3-03060	\$15.90

ET4 Standard Engraving Tool for Most Applications

Tool Number Uncoated	Price Uncoated
ET4-01060	\$15.35
ET4-02060	\$15.35
ET4-03060	\$15.35
ET4-05060	\$15.35
ET4-06060	\$15.35
ET4-01060	\$15.35
ET4-02090	\$15.35
ET4-03090	\$15.35
ET4-05090	\$15.35
ET4-06090	\$15.35

ACH Accuhold – End Mill Extension Holder

Tool Number Uncoated	Price Uncoated
ACH-04	\$166.75
ACH-06	\$132.10
ACH-08	\$150.15
ACH-12	\$165.15
ACH-16	\$244.40
ACH-16L	\$237.80

MAH Accuhold – Metric End Mill Extension Holder **METRIC**

Tool Number Uncoated	Price Uncoated
MAH-03	\$179.30
MAH-04	\$160.45
MAH-05	\$160.45
MAH-06	\$170.00
MAH-08	\$180.20
MAH-10	\$226.50
MAH-12	\$250.20

Saws Modifications

T-Process

To price modifying standard saws 1/32" and thicker with **T-Process**, add \$5.00 to the list price. For quantities greater than 6, please call our quote department.

Estimated delivery is 3-4 days ARO.

Hub

To price modifying saws with concavity to a **Flat and Parallel Hub**, please refer to the chart below. For quantities greater than 6 each, please contact our quote department.

Estimated delivery is 3-5 working days ARO.

Standard Saw Diameter

3/4" & 1"	add \$4.00 to list price
1-1/4" & 1-1/2"	add \$5.00 to list price
1-3/4"	add \$6.00 to list price
2"	add \$8.00 to list price
2-1/4" & 2-1/2"	add \$10.00 to list price
2-3/4" & 3"	add \$12.00 to list price
4"	add \$15.00 to list price

Metric Saw Diameter

20 mm & 25 mm	add \$4.00 to list price
32 mm & 40 mm	add \$5.00 to list price
50 mm	add \$8.00 to list price
63 mm	add \$10.00 to list price
80 mm	add \$12.00 to list price
100 mm	add \$15.00 to list price

Delivery is 3-5 working days ARO.

Keyway

To price modifying standard saws with a **Keyway**, add \$15.00 to the list price. For quantities greater than 6 each, please contact our quote department.

Estimated delivery is 3-4 days ARO.

PVD Coatings

Titanium Nitride (TiN)

Saw Diameter	Thickness 1/8" and under	Thickness greater than 1/8"
3/4" - 1"	\$3.95	\$5.90
1 1/4" - 2"	\$7.25	\$9.65
2 1/4" - 3"	\$11.10	\$19.05
4"	\$17.5	\$25.85

Titanium Carbo-Nitride (TiCN)

Saw Diameter	Thickness 1/8" and under	Thickness greater than 1/8"
3/4" - 1"	\$5.30	\$7.90
1 1/4" - 2"	\$9.85	\$12.95
2 1/4" - 3"	\$15.00	\$25.70
4"	\$23.65	\$37.75

Aluminum Titanium Nitride (AlTiN)

Saw Diameter	Thickness 1/8" and under	Thickness greater than 1/8"
3/4" - 1"	\$5.95	\$8.85
1 1/4" - 2"	\$11.00	\$14.45
2 1/4" - 3"	\$16.65	\$28.60
4"	\$26.20	\$38.80

Saws Applications

3/4" Diameter 1/4" Arbor

Proper Max Depth of Cut:
Using AB Arbor = .075"
Using NAB Arbor = .040"

1" Diameter 3/8" Arbor

Proper Max Depth of Cut:
Using AB Arbor = .1375"
Using NAB Arbor = .095"

10 TEETH			
Standard Concavity	Price Standard Concavity	Double Concavity Alternative Tooth Chamfer 1/2" HUB Diameter	Price Double Concavity
C07-002-08-10	\$113.90	—	—
C07-004-08-10	\$104.15	—	—
C07-006-08-10	\$83.30	—	—
C07-008-08-10	\$55.60	—	—
C07-010-08-10	\$48.20	—	—
C07-012-08-10	\$47.40	—	—
C07-014-08-10	\$37.45	—	—
C07-016-08-10	\$37.45	—	—
C07-018-08-10	\$37.45	—	—
C07-020-08-10	\$37.45	K07-020-08-10	\$59.40
C07-023-08-10	\$32.60	K07-023-08-10	\$54.80
C07-025-08-10	\$32.60	K07-025-08-10	\$54.80
C07-028-08-10	\$32.60	K07-028-08-10	\$54.80
C07-032-08-10	\$27.20	K07-032-08-10	\$43.95
C07-035-08-10	\$27.20	K07-035-08-10	\$43.95
C07-040-08-10	\$27.20	K07-040-08-10	\$43.95
C07-045-08-10	\$32.65	K07-045-08-10	\$54.85
C07-051-08-10	\$32.65	K07-051-08-10	\$54.85
C07-062-08-10	\$32.65	K07-062-08-10	\$54.85
C07-078-08-10	\$42.50	K07-078-08-10	\$64.20
C07-092-08-10	\$47.25	K07-092-08-10	\$68.70
C07-125-08-10	\$61.80	K07-125-08-10	\$82.55
C07-156-08-10	\$83.05	K07-156-08-10	\$102.75
C07-187-08-10	\$88.00	K07-187-08-10	\$107.45
C07-250-08-10	\$109.6	K07-250-08-10	\$127.95

20 TEETH			
Standard Concavity	Price Standard Concavity	Double Concavity Alternative Tooth Chamfer 1/2" HUB Diameter	Price Double Concavity
C07-002-08-20	\$113.90	—	—
C07-004-08-20	\$104.15	—	—
C07-006-08-20	\$83.30	—	—
C07-008-08-20	\$55.60	—	—
C07-010-08-20	\$48.20	—	—
C07-012-08-20	\$47.40	—	—
C07-014-08-20	\$37.45	—	—
C07-016-08-20	\$37.45	—	—
C07-018-08-20	\$37.45	—	—
C07-020-08-20	\$37.45	K07-020-08-20	\$64.00
C07-023-08-20	\$32.60	K07-023-08-20	\$59.40
C07-025-08-20	\$32.60	K07-025-08-20	\$59.40
C07-028-08-20	\$32.60	K07-028-08-20	\$59.40
C07-032-08-20	\$27.20	K07-032-08-20	\$48.55
C07-035-08-20	\$27.20	K07-035-08-20	\$48.55
C07-040-08-20	\$27.20	K07-040-08-20	\$48.55
C07-045-08-20	\$32.65	K07-045-08-20	\$59.45
C07-051-08-20	\$32.65	K07-051-08-20	\$59.45
C07-062-08-20	\$32.65	K07-062-08-20	\$59.45
C07-078-08-20	\$42.50	K07-078-08-20	\$68.80
C07-092-08-20	\$47.25	K07-092-08-20	\$73.30
C07-125-08-20	\$61.80	K07-125-08-20	\$87.10
C07-156-08-20	\$83.05	K07-156-08-20	\$107.30
C07-187-08-20	\$88.00	K07-187-08-20	\$112.00
C07-250-08-20	\$109.60	K07-250-08-20	\$132.55

12 TEETH			
Standard Concavity	Price Standard Concavity	Double Concavity Alternative Tooth Chamfer 1/2" HUB Diameter	Price Double Concavity
C10-002-12-12	\$130.35	—	—
C10-004-12-12	\$104.15	—	—
C10-006-12-12	\$69.55	—	—
C10-008-12-12	\$62.40	—	—
C10-010-12-12	\$62.40	—	—
C10-012-12-12	\$49.00	—	—
C10-014-12-12	\$49.00	—	—
C10-016-12-12	\$49.00	—	—
C10-018-12-12	\$49.00	—	—
C10-020-12-12	\$41.45	K10-020-12-12	\$63.20
C10-023-12-12	\$41.45	K10-023-12-12	\$63.20
C10-025-12-12	\$41.45	K10-025-12-12	\$63.20
C10-028-12-12	\$41.45	K10-028-12-12	\$63.20
C10-032-12-12	\$38.05	K10-032-12-12	\$60.90
C10-035-12-12	\$38.05	K10-035-12-12	\$60.90
C10-040-12-12	\$38.05	K10-040-12-12	\$60.90
C10-045-12-12	\$41.35	K10-045-12-12	\$64.15
C10-051-12-12	\$41.35	K10-051-12-12	\$64.15
C10-062-12-12	\$41.35	K10-062-12-12	\$64.15
C10-078-12-12	\$52.05	K10-078-12-12	\$74.20
C10-092-12-12	\$57.75	K10-092-12-12	\$79.60
C10-125-12-12	\$77.20	K10-125-12-12	\$98.10
C10-156-12-12	\$92.10	K10-156-12-12	\$112.25
C10-187-12-12	\$96.10	K10-187-12-12	\$116.05
C10-250-12-12	\$111.05	K10-250-12-12	\$130.25

24 TEETH			
Standard Concavity	Price Standard Concavity	Double Concavity Alternative Tooth Chamfer 1/2" HUB Diameter	Price Double Concavity
C10-002-12-24	\$130.35	—	—
C10-004-12-24	\$104.15	—	—
C10-006-12-24	\$69.55	—	—
C10-008-12-24	\$62.40	—	—
C10-010-12-24	\$62.40	—	—
C10-012-12-24	\$49.00	—	—
C10-014-12-24	\$49.00	—	—
C10-016-12-24	\$49.00	—	—
C10-018-12-24	\$49.00	—	—
C10-020-12-24	\$41.45	K10-020-12-24	\$69.65
C10-023-12-24	\$41.45	K10-023-12-24	\$69.65
C10-025-12-24	\$41.45	K10-025-12-24	\$69.65
C10-028-12-24	\$41.45	K10-028-12-24	\$69.65
C10-032-12-24	\$38.05	K10-032-12-24	\$66.40
C10-035-12-24	\$38.05	K10-035-12-24	\$66.40
C10-040-12-24	\$38.05	K10-040-12-24	\$66.40
C10-045-12-24	\$41.35	K10-045-12-24	\$69.65
C10-051-12-24	\$41.35	K10-051-12-24	\$69.65
C10-062-12-24	\$41.35	K10-062-12-24	\$69.65
C10-078-12-24	\$52.05	K10-078-12-24	\$79.70
C10-092-12-24	\$57.75	K10-092-12-24	\$85.10
C10-125-12-24	\$77.20	K10-125-12-24	\$103.60
C10-156-12-24	\$92.10	K10-156-12-24	\$117.55
C10-187-12-24	\$96.10	K10-187-12-24	\$121.55
C10-250-12-24	\$111.05	K10-250-12-24	\$135.75

Saws Applications

1 1/4" Diameter **1/2" Arbor**

Proper Max Depth of Cut:
Using AB Arbor = .200"
Using NAB Arbor = .1475"

1 1/2" Diameter **1/2" Arbor**

Proper Max Depth of Cut:
Using AB Arbor = .325"
Using NAB Arbor = .2725"

16 TEETH			
Standard Concavity	Price Standard Concavity	Double Concavity Alternative Tooth Chamfer 3/4" HUB Diameter	Price Double Concavity
C12-002-16-16	\$168.80	—	—
C12-004-16-16	\$134.95	—	—
C12-006-16-16	\$90.20	—	—
C12-008-16-16	\$72.70	—	—
C12-010-16-16	\$72.70	—	—
C12-012-16-16	\$56.05	—	—
C12-014-16-16	\$56.05	—	—
C12-016-16-16	\$56.05	—	—
C12-018-16-16	\$56.05	—	—
C12-020-16-16	\$49.55	K12-020-16-16	\$69.65
C12-023-16-16	\$49.55	K12-023-16-16	\$69.65
C12-025-16-16	\$49.55	K12-025-16-16	\$69.65
C12-028-16-16	\$49.55	K12-028-16-16	\$69.65
C12-032-16-16	\$38.45	K12-032-16-16	\$66.40
C12-035-16-16	\$38.45	K12-035-16-16	\$66.40
C12-040-16-16	\$38.45	K12-040-16-16	\$66.40
C12-045-16-16	\$41.60	K12-045-16-16	\$69.65
C12-051-16-16	\$41.60	K12-051-16-16	\$69.65
C12-062-16-16	\$41.60	K12-062-16-16	\$69.65
C12-078-16-16	\$50.90	K12-078-16-16	\$79.70
C12-092-16-16	\$62.05	K12-092-16-16	\$85.10
C12-125-16-16	\$79.55	K12-125-16-16	\$103.60
C12-156-16-16	\$97.75	K12-156-16-16	\$117.55
C12-187-16-16	\$101.50	K12-187-16-16	\$121.55
C12-250-16-16	\$126.00	K12-250-16-16	\$135.75

16 TEETH			
Standard Concavity	Price Standard Concavity	Double Concavity Alternative Tooth Chamfer 3/4" HUB Diameter	Price Double Concavity
C15-002-16-16	\$192.90	—	—
C15-004-16-16	\$154.45	—	—
C15-006-16-16	\$102.85	—	—
C15-008-16-16	\$83.05	—	—
C15-010-16-16	\$83.05	—	—
C15-012-16-16	\$71.40	—	—
C15-014-16-16	\$71.40	—	—
C15-016-16-16	\$71.40	—	—
C15-018-16-16	\$71.40	—	—
C15-020-16-16	\$58.30	K15-020-16-16	\$83.35
C15-023-16-16	\$58.30	K15-023-16-16	\$83.35
C15-025-16-16	\$58.30	K15-025-16-16	\$83.35
C15-028-16-16	\$58.30	K15-028-16-16	\$83.35
C15-032-16-16	\$50.95	K15-032-16-16	\$76.35
C15-035-16-16	\$50.95	K15-035-16-16	\$76.35
C15-040-16-16	\$50.95	K15-040-16-16	\$76.35
C15-045-16-16	\$52.85	K15-045-16-16	\$78.15
C15-051-16-16	\$52.85	K15-051-16-16	\$78.15
C15-062-16-16	\$52.85	K15-062-16-16	\$78.15
C15-078-16-16	\$64.05	K15-078-16-16	\$88.80
C15-092-16-16	\$72.90	K15-092-16-16	\$97.20
C15-125-16-16	\$81.65	K15-125-16-16	\$105.50
C15-156-16-16	\$104.50	K15-156-16-16	\$127.25
C15-187-16-16	\$107.40	K15-187-16-16	\$130.00
C15-250-16-16	\$126.50	K15-250-16-16	\$148.15

36 TEETH			
Standard Concavity	Price Standard Concavity	Double Concavity Alternative Tooth Chamfer 3/4" HUB Diameter	Price Double Concavity
C12-002-16-36	\$168.80	—	—
C12-004-16-36	\$134.95	—	—
C12-006-16-36	\$90.20	—	—
C12-008-16-36	\$72.70	—	—
C12-010-16-36	\$72.70	—	—
C12-012-16-36	\$56.05	—	—
C12-014-16-36	\$56.05	—	—
C12-016-16-36	\$56.05	—	—
C12-018-16-36	\$56.05	—	—
C12-020-16-36	\$49.55	K12-020-16-36	\$79.05
C12-023-16-36	\$49.55	K12-023-16-36	\$79.05
C12-025-16-36	\$49.55	K12-025-16-36	\$79.05
C12-028-16-36	\$49.55	K12-028-16-36	\$79.05
C12-032-16-36	\$38.45	K12-032-16-36	\$64.50
C12-035-16-36	\$38.45	K12-035-16-36	\$64.50
C12-040-16-36	\$38.45	K12-040-16-36	\$64.50
C12-045-16-36	\$41.60	K12-045-16-36	\$67.45
C12-051-16-36	\$41.60	K12-051-16-36	\$67.45
C12-062-16-36	\$41.60	K12-062-16-36	\$67.45
C12-078-16-36	\$50.90	K12-078-16-36	\$76.30
C12-092-16-36	\$62.05	K12-092-16-36	\$86.90
C12-125-16-36	\$79.55	K12-125-16-36	\$103.55
C12-156-16-36	\$97.75	K12-156-16-36	\$120.80
C12-187-16-36	\$101.50	K12-187-16-36	\$124.40
C12-250-16-36	\$126.00	K12-250-16-36	\$147.65

36 TEETH			
Standard Concavity	Price Standard Concavity	Double Concavity Alternative Tooth Chamfer 3/4" HUB Diameter	Price Double Concavity
C15-002-16-36	\$192.90	—	—
C15-004-16-36	\$154.45	—	—
C15-006-16-36	\$102.85	—	—
C15-008-16-36	\$83.05	—	—
C15-010-16-36	\$83.05	—	—
C15-012-16-36	\$71.40	—	—
C15-014-16-36	\$71.40	—	—
C15-016-16-36	\$71.40	—	—
C15-018-16-36	\$71.40	—	—
C15-020-16-36	\$58.30	K15-020-16-36	\$92.50
C15-023-16-36	\$58.30	K15-023-16-36	\$92.50
C15-025-16-36	\$58.30	K15-025-16-36	\$92.50
C15-028-16-36	\$58.30	K15-028-16-36	\$92.50
C15-032-16-36	\$50.95	K15-032-16-36	\$85.55
C15-035-16-36	\$50.95	K15-035-16-36	\$85.55
C15-040-16-36	\$50.95	K15-040-16-36	\$85.55
C15-045-16-36	\$52.85	K15-045-16-36	\$87.35
C15-051-16-36	\$52.85	K15-051-16-36	\$87.35
C15-062-16-36	\$52.85	K15-062-16-36	\$87.35
C15-078-16-36	\$64.05	K15-078-16-36	\$97.95
C15-092-16-36	\$72.90	K15-092-16-36	\$106.40
C15-125-16-36	\$81.65	K15-125-16-36	\$114.70
C15-156-16-36	\$104.50	K15-156-16-36	\$136.40
C15-187-16-36	\$107.40	K15-187-16-36	\$139.15
C15-250-16-36	\$126.50	K15-250-16-36	\$157.30

Saws Applications

1 3/4" Diameter

1/2" Arbor

Proper Max Depth of Cut:
Using AB Arbor = .450"
Using NAB Arbor = .3975"

1 3/4" Diameter

5/8" Arbor

Proper Max Depth of Cut:
Using AB Arbor = .325"
Using NAB Arbor = .2875"

24 TEETH

Standard Concavity	Price Standard Concavity	Double Concavity Alternative Tooth Chamfer 3/4" HUB Diameter	Price Double Concavity
C17-002-16-24	\$216.85	—	—
C17-004-16-24	\$173.50	—	—
C17-006-16-24	\$115.90	—	—
C17-008-16-24	\$93.35	—	—
C17-010-16-24	\$93.35	—	—
C17-012-16-24	\$81.40	—	—
C17-014-16-24	\$81.40	—	—
C17-016-16-24	\$81.40	—	—
C17-018-16-24	\$81.40	—	—
C17-020-16-24	\$75.60	K17-020-16-24	\$104.80
C17-023-16-24	\$75.60	K17-023-16-24	\$104.80
C17-025-16-24	\$75.60	K17-025-16-24	\$104.80
C17-028-16-24	\$75.60	K17-028-16-24	\$104.80
C17-032-16-24	\$65.95	K17-032-16-24	\$95.65
C17-035-16-24	\$65.95	K17-035-16-24	\$95.65
C17-040-16-24	\$65.95	K17-040-16-24	\$95.65
C17-045-16-24	\$69.55	K17-045-16-24	\$95.65
C17-051-16-24	\$69.55	K17-051-16-24	\$95.65
C17-062-16-24	\$69.55	K17-062-16-24	\$95.65
C17-078-16-24	\$77.95	K17-078-16-24	\$107.05
C17-092-16-24	\$81.90	K17-092-16-24	\$110.80
C17-125-16-24	\$99.30	K17-125-16-24	\$127.35
C17-156-16-24	\$106.85	K17-156-16-24	\$134.50
C17-187-16-24	\$127.40	K17-187-16-24	\$154.05
C17-250-16-24	\$154.60	K17-250-16-24	\$179.85

36 TEETH

Standard Concavity	Price Standard Concavity	Double Concavity Alternative Tooth Chamfer 3/4" HUB Diameter	Price Double Concavity
C17-002-16-36	\$216.85	—	—
C17-004-16-36	\$173.50	—	—
C17-006-16-36	\$115.90	—	—
C17-008-16-36	\$93.35	—	—
C17-010-16-36	\$93.35	—	—
C17-012-16-36	\$81.40	—	—
C17-014-16-36	\$81.40	—	—
C17-016-16-36	\$81.40	—	—
C17-018-16-36	\$81.40	—	—
C17-020-16-36	\$75.60	K17-020-16-36	\$110.30
C17-023-16-36	\$75.60	K17-023-16-36	\$110.30
C17-025-16-36	\$75.60	K17-025-16-36	\$110.30
C17-028-16-36	\$75.60	K17-028-16-36	\$110.30
C17-032-16-36	\$65.95	K17-032-16-36	\$101.15
C17-035-16-36	\$65.95	K17-035-16-36	\$101.15
C17-040-16-36	\$65.95	K17-040-16-36	\$101.15
C17-045-16-36	\$69.55	K17-045-16-36	\$101.15
C17-051-16-36	\$69.55	K17-051-16-36	\$101.15
C17-062-16-36	\$69.55	K17-062-16-36	\$101.15
C17-078-16-36	\$77.95	K17-078-16-36	\$122.55
C17-092-16-36	\$81.90	K17-092-16-36	\$116.30
C17-125-16-36	\$99.30	K17-125-16-36	\$132.85
C17-156-16-36	\$106.85	K17-156-16-36	\$140.00
C17-187-16-36	\$127.40	K17-187-16-36	\$159.55
C17-250-16-36	\$154.60	K17-250-16-36	\$185.35

24 TEETH

Standard Concavity	Price Standard Concavity	Double Concavity Alternative Tooth Chamfer 1" HUB Diameter	Price Double Concavity
C17-002-20-24	\$216.85	—	—
C17-004-20-24	\$173.50	—	—
C17-006-20-24	\$115.90	—	—
C17-008-20-24	\$93.35	—	—
C17-010-20-24	\$93.35	—	—
C17-012-20-24	\$81.40	—	—
C17-014-20-24	\$81.40	—	—
C17-016-20-24	\$81.40	—	—
C17-018-20-24	\$81.40	—	—
C17-020-20-24	\$75.60	K17-020-20-24	\$104.80
C17-023-20-24	\$75.60	K17-023-20-24	\$104.80
C17-025-20-24	\$75.60	K17-025-20-24	\$104.80
C17-028-20-24	\$75.60	K17-028-20-24	\$104.80
C17-032-20-24	\$65.95	K17-032-20-24	\$95.65
C17-035-20-24	\$65.95	K17-035-20-24	\$95.65
C17-040-20-24	\$65.95	K17-040-20-24	\$95.65
C17-045-20-24	\$69.55	K17-045-20-24	\$95.65
C17-051-20-24	\$69.55	K17-051-20-24	\$95.65
C17-062-20-24	\$69.55	K17-062-20-24	\$95.65
C17-078-20-24	\$77.95	K17-078-20-24	\$107.05
C17-092-20-24	\$81.90	K17-092-20-24	\$110.80
C17-125-20-24	\$99.30	K17-125-20-24	\$127.35
C17-156-20-24	\$106.85	K17-156-20-24	\$134.50
C17-187-20-24	\$127.40	K17-187-20-24	\$154.05
C17-250-20-24	\$154.60	K17-250-20-24	\$179.85

36 TEETH

Standard Concavity	Price Standard Concavity	Double Concavity Alternative Tooth Chamfer 1" HUB Diameter	Price Double Concavity
C17-002-20-36	\$216.85	—	—
C17-004-20-36	\$173.50	—	—
C17-006-20-36	\$115.90	—	—
C17-008-20-36	\$93.35	—	—
C17-010-20-36	\$93.35	—	—
C17-012-20-36	\$81.40	—	—
C17-014-20-36	\$81.40	—	—
C17-016-20-36	\$81.40	—	—
C17-018-20-36	\$81.40	—	—
C17-020-20-36	\$75.60	K17-020-20-36	\$110.30
C17-023-20-36	\$75.60	K17-023-20-36	\$110.30
C17-025-20-36	\$75.60	K17-025-20-36	\$110.30
C17-028-20-36	\$75.60	K17-028-20-36	\$110.30
C17-032-20-36	\$65.95	K17-032-20-36	\$101.15
C17-035-20-36	\$65.95	K17-035-20-36	\$101.15
C17-040-20-36	\$65.95	K17-040-20-36	\$101.15
C17-045-20-36	\$69.55	K17-045-20-36	\$101.15
C17-051-20-36	\$69.55	K17-051-20-36	\$101.15
C17-062-20-36	\$69.55	K17-062-20-36	\$101.15
C17-078-20-36	\$77.95	K17-078-20-36	\$122.55
C17-092-20-36	\$81.90	K17-092-20-36	\$116.30
C17-125-20-36	\$99.30	K17-125-20-36	\$132.85
C17-156-20-36	\$106.85	K17-156-20-36	\$140.00
C17-187-20-36	\$127.40	K17-187-20-36	\$159.55
C17-250-20-36	\$154.60	K17-250-20-36	\$185.35

Saws Applications

1 3/4" Diameter **7/8" Arbor**

Proper Max Depth of Cut:
Using AB Arbor = .200"
Using NAB Arbor = .108"

24 TEETH			
Standard Concavity	Price Standard Concavity	Double Concavity Alternative Tooth Chamfer 1/4" HUB Diameter	Price Double Concavity
C17-002-28-24	\$216.85	—	—
C17-004-28-24	\$173.50	—	—
C17-006-28-24	\$115.90	—	—
C17-008-28-24	\$93.35	—	—
C17-010-28-24	\$93.35	—	—
C17-012-28-24	\$81.40	—	—
C17-014-28-24	\$81.40	—	—
C17-016-28-24	\$81.40	—	—
C17-018-28-24	\$81.40	—	—
C17-020-28-24	\$75.60	K17-020-28-24	\$104.80
C17-023-28-24	\$75.60	K17-023-28-24	\$104.80
C17-025-28-24	\$75.60	K17-025-28-24	\$104.80
C17-028-28-24	\$75.60	K17-028-28-24	\$104.80
C17-032-28-24	\$65.95	K17-032-28-24	\$95.65
C17-035-28-24	\$65.95	K17-035-28-24	\$95.65
C17-040-28-24	\$65.95	K17-040-28-24	\$95.65
C17-045-28-24	\$69.55	K17-045-28-24	\$95.65
C17-051-28-24	\$69.55	K17-051-28-24	\$95.65
C17-062-28-24	\$69.55	K17-062-28-24	\$95.65
C17-078-28-24	\$77.95	K17-078-28-24	\$107.05
C17-092-28-24	\$81.90	K17-092-28-24	\$110.80
C17-125-28-24	\$99.30	K17-125-28-24	\$127.35
C17-156-28-24	\$106.85	K17-156-28-24	\$134.50
C17-187-28-24	\$127.40	K17-187-28-24	\$154.05
C17-250-28-24	\$154.60	K17-250-28-24	\$179.85

36 TEETH			
Standard Concavity	Price Standard Concavity	Double Concavity Alternative Tooth Chamfer 1/4" HUB Diameter	Price Double Concavity
C17-002-28-36	\$216.85	—	—
C17-004-28-36	\$173.50	—	—
C17-006-28-36	\$115.90	—	—
C17-008-28-36	\$93.35	—	—
C17-010-28-36	\$93.35	—	—
C17-012-28-36	\$81.40	—	—
C17-014-28-36	\$81.40	—	—
C17-016-28-36	\$81.40	—	—
C17-018-28-36	\$81.40	—	—
C17-020-28-36	\$75.60	K17-020-28-36	\$110.30
C17-023-28-36	\$75.60	K17-023-28-36	\$110.30
C17-025-28-36	\$75.60	K17-025-28-36	\$110.30
C17-028-28-36	\$75.60	K17-028-28-36	\$110.30
C17-032-28-36	\$65.95	K17-032-28-36	\$101.15
C17-035-28-36	\$65.95	K17-035-28-36	\$101.15
C17-040-28-36	\$65.95	K17-040-28-36	\$101.15
C17-045-28-36	\$69.55	K17-045-28-36	\$101.15
C17-051-28-36	\$69.55	K17-051-28-36	\$101.15
C17-062-28-36	\$69.55	K17-062-28-36	\$101.15
C17-078-28-36	\$77.95	K17-078-28-36	\$122.55
C17-092-28-36	\$81.90	K17-092-28-36	\$126.50
C17-125-28-36	\$99.30	K17-125-28-36	\$132.85
C17-156-28-36	\$106.85	K17-156-28-36	\$140.00
C17-187-28-36	\$127.40	K17-187-28-36	\$159.55
C17-250-28-36	\$154.60	K17-250-28-36	\$185.35

2" Diameter **1/2" Arbor**

Proper Max Depth of Cut:
Using AB Arbor = .575"
Using NAB Arbor = .5225"

24 TEETH			
Standard Concavity	Price Standard Concavity	Double Concavity Alternative Tooth Chamfer 3/4" HUB Diameter	Price Double Concavity
C20-002-16-24	\$247.15	—	—
C20-004-16-24	\$197.80	—	—
C20-006-16-24	\$132.00	—	—
C20-008-16-24	\$106.55	—	—
C20-010-16-24	\$106.55	—	—
C20-012-16-24	\$88.15	—	—
C20-014-16-24	\$88.15	—	—
C20-016-16-24	\$88.15	—	—
C20-018-16-24	\$88.15	—	—
C20-020-16-24	\$80.85	K20-020-16-24	\$112.55
C20-023-16-24	\$80.85	K20-023-16-24	\$112.55
C20-025-16-24	\$80.85	K20-025-16-24	\$112.55
C20-028-16-24	\$80.85	K20-028-16-24	\$112.55
C20-032-16-24	\$70.55	K20-032-16-24	\$102.75
C20-035-16-24	\$70.55	K20-035-16-24	\$102.75
C20-040-16-24	\$70.55	K20-040-16-24	\$102.75
C20-045-16-24	\$72.80	K20-045-16-24	\$104.90
C20-051-16-24	\$72.80	K20-051-16-24	\$104.90
C20-062-16-24	\$72.80	K20-062-16-24	\$104.90
C20-078-16-24	\$82.40	K20-078-16-24	\$114.05
C20-092-16-24	\$88.75	K20-092-16-24	\$120.05
C20-125-16-24	\$103.80	K20-125-16-24	\$134.35
C20-156-16-24	\$120.15	K20-156-16-24	\$149.90
C20-187-16-24	\$150.25	K20-187-16-24	\$178.50
C20-250-16-24	\$177.95	K20-250-16-24	\$204.80

48 TEETH			
Standard Concavity	Price Standard Concavity	Double Concavity Alternative Tooth Chamfer 3/4" HUB Diameter	Price Double Concavity
C20-002-16-48	\$247.15	—	—
C20-004-16-48	\$197.80	—	—
C20-006-16-48	\$132.00	—	—
C20-008-16-48	\$106.55	—	—
C20-010-16-48	\$106.55	—	—
C20-012-16-48	\$88.15	—	—
C20-014-16-48	\$88.15	—	—
C20-016-16-48	\$88.15	—	—
C20-018-16-48	\$88.15	—	—
C20-020-16-48	\$80.85	K20-020-16-48	\$123.55
C20-023-16-48	\$80.85	K20-023-16-48	\$123.55
C20-025-16-48	\$80.85	K20-025-16-48	\$123.55
C20-028-16-48	\$80.85	K20-028-16-48	\$123.55
C20-032-16-48	\$70.55	K20-032-16-48	\$113.75
C20-035-16-48	\$70.55	K20-035-16-48	\$113.75
C20-040-16-48	\$70.55	K20-040-16-48	\$113.75
C20-045-16-48	\$72.80	K20-045-16-48	\$115.90
C20-051-16-48	\$72.80	K20-051-16-48	\$115.90
C20-062-16-48	\$72.80	K20-062-16-48	\$115.90
C20-078-16-48	\$82.40	K20-078-16-48	\$125.05
C20-092-16-48	\$88.75	K20-092-16-48	\$131.05
C20-125-16-48	\$103.80	K20-125-16-48	\$145.35
C20-156-16-48	\$120.15	K20-156-16-48	\$160.70
C20-187-16-48	\$150.25	K20-187-16-48	\$189.50
C20-250-16-48	\$177.95	K20-250-16-48	\$215.80

Saws Applications

2" Diameter **1" Arbor**

Proper Max Depth of Cut:
Using AB Arbor = .200"
Using NAB Arbor = .210"

2 1/4" Diameter **5/8" Arbor**

Proper Max Depth of Cut:
Using AB Arbor = .575"
Using NAB Arbor = .5375"

24 TEETH

Standard Concavity	Price Standard Concavity	Double Concavity Alternative Tooth Chamfer 1 1/2" HUB Diameter	Price Double Concavity
C20-002-32-24	\$247.15	—	—
C20-004-32-24	\$197.80	—	—
C20-006-32-24	\$132.00	—	—
C20-008-32-24	\$106.55	—	—
C20-010-32-24	\$106.55	—	—
C20-012-32-24	\$88.15	—	—
C20-014-32-24	\$88.15	—	—
C20-016-32-24	\$88.15	—	—
C20-018-32-24	\$88.15	—	—
C20-020-32-24	\$80.85	K20-020-32-24	\$112.55
C20-023-32-24	\$80.85	K20-023-32-24	\$112.55
C20-025-32-24	\$80.85	K20-025-32-24	\$112.55
C20-028-32-24	\$80.85	K20-028-32-24	\$112.55
C20-032-32-24	\$70.55	K20-032-32-24	\$102.75
C20-035-32-24	\$70.55	K20-035-32-24	\$102.75
C20-040-32-24	\$70.55	K20-040-32-24	\$102.75
C20-045-32-24	\$72.80	K20-045-32-24	\$104.90
C20-051-32-24	\$72.80	K20-051-32-24	\$104.90
C20-062-32-24	\$72.80	K20-062-32-24	\$104.90
C20-078-32-24	\$82.40	K20-078-32-24	\$114.05
C20-092-32-24	\$88.75	K20-092-32-24	\$120.05
C20-125-32-24	\$103.80	K20-125-32-24	\$134.35
C20-156-32-24	\$120.15	K20-156-32-24	\$149.90
C20-187-32-24	\$150.25	K20-187-32-24	\$178.50
C20-250-32-24	\$177.95	K20-250-32-24	\$204.80

48 TEETH

Standard Concavity	Price Standard Concavity	Double Concavity Alternative Tooth Chamfer 1 1/2" HUB Diameter	Price Double Concavity
C20-002-32-48	\$247.15	—	—
C20-004-32-48	\$197.80	—	—
C20-006-32-48	\$132.00	—	—
C20-008-32-48	\$106.55	—	—
C20-010-32-48	\$106.55	—	—
C20-012-32-48	\$88.15	—	—
C20-014-32-48	\$88.15	—	—
C20-016-32-48	\$88.15	—	—
C20-018-32-48	\$88.15	—	—
C20-020-32-48	\$80.85	K20-020-32-48	\$123.55
C20-023-32-48	\$80.85	K20-023-32-48	\$123.55
C20-025-32-48	\$80.85	K20-025-32-48	\$123.55
C20-028-32-48	\$80.85	K20-028-32-48	\$123.55
C20-032-32-48	\$70.55	K20-032-32-48	\$113.75
C20-035-32-48	\$70.55	K20-035-32-48	\$113.75
C20-040-32-48	\$70.55	K20-040-32-48	\$113.75
C20-045-32-48	\$72.80	K20-045-32-48	\$115.90
C20-051-32-48	\$72.80	K20-051-32-48	\$115.90
C20-062-32-48	\$72.80	K20-062-32-48	\$115.90
C20-078-32-48	\$82.40	K20-078-32-48	\$125.05
C20-092-32-48	\$88.75	K20-092-32-48	\$131.05
C20-125-32-48	\$103.80	K20-125-32-48	\$145.35
C20-156-32-48	\$120.15	K20-156-32-48	\$160.70
C20-187-32-48	\$150.25	K20-187-32-48	\$189.50
C20-250-32-48	\$177.95	K20-250-32-48	\$215.80

28 TEETH

Standard Concavity	Price Standard Concavity	Double Concavity Alternative Tooth Chamfer 1" HUB Diameter	Price Double Concavity
C22-002-20-28	\$259.00	—	—
C22-004-20-28	\$207.20	—	—
C22-006-20-28	\$138.35	—	—
C22-008-20-28	\$111.05	—	—
C22-010-20-28	\$111.05	—	—
C22-012-20-28	\$95.85	—	—
C22-014-20-28	\$95.85	—	—
C22-016-20-28	\$95.85	—	—
C22-018-20-28	\$95.85	—	—
C22-020-20-28	\$87.90	K22-020-20-28	\$124.30
C22-023-20-28	\$87.90	K22-023-20-28	\$124.30
C22-025-20-28	\$87.90	K22-025-20-28	\$124.30
C22-028-20-28	\$87.90	K22-028-20-28	\$124.30
C22-032-20-28	\$81.15	K22-032-20-28	\$117.40
C22-035-20-28	\$81.15	K22-035-20-28	\$117.40
C22-040-20-28	\$81.15	K22-040-20-28	\$117.40
C22-045-20-28	\$85.50	K22-045-20-28	\$121.55
C22-051-20-28	\$85.50	K22-051-20-28	\$121.55
C22-062-20-28	\$85.50	K22-062-20-28	\$121.55
C22-078-20-28	\$100.50	K22-078-20-28	\$135.80
C22-092-20-28	\$107.00	K22-092-20-28	\$142.00
C22-125-20-28	\$120.70	K22-125-20-28	\$155.00
C22-156-20-28	\$144.55	K22-156-20-28	\$177.65
C22-187-20-28	\$172.20	K22-187-20-28	\$203.90
C22-250-20-28	\$206.95	K22-250-20-28	\$236.95

56 TEETH

Standard Concavity	Price Standard Concavity	Double Concavity Alternative Tooth Chamfer 1" HUB Diameter	Price Double Concavity
C22-002-20-56	\$259.00	—	—
C22-004-20-56	\$207.20	—	—
C22-006-20-56	\$138.35	—	—
C22-008-20-56	\$111.05	—	—
C22-010-20-56	\$111.05	—	—
C22-012-20-56	\$95.85	—	—
C22-014-20-56	\$95.85	—	—
C22-016-20-56	\$95.85	—	—
C22-018-20-56	\$95.85	—	—
C22-020-20-56	\$87.90	K22-020-20-56	\$136.65
C22-023-20-56	\$87.90	K22-023-20-56	\$136.65
C22-025-20-56	\$87.90	K22-025-20-56	\$136.65
C22-028-20-56	\$87.90	K22-028-20-56	\$136.65
C22-032-20-56	\$81.15	K22-032-20-56	\$130.25
C22-035-20-56	\$81.15	K22-035-20-56	\$130.25
C22-040-20-56	\$81.15	K22-040-20-56	\$130.25
C22-045-20-56	\$85.50	K22-045-20-56	\$134.40
C22-051-20-56	\$85.50	K22-051-20-56	\$134.40
C22-062-20-56	\$85.50	K22-062-20-56	\$134.40
C22-078-20-56	\$100.50	K22-078-20-56	\$148.65
C22-092-20-56	\$107.00	K22-092-20-56	\$154.80
C22-125-20-56	\$120.70	K22-125-20-56	\$167.80
C22-156-20-56	\$144.55	K22-156-20-56	\$190.50
C22-187-20-56	\$172.20	K22-187-20-56	\$216.75
C22-250-20-56	\$206.95	K22-250-20-56	\$249.75

Saws Applications

2 1/2" Diameter 1" Arbor

Proper Max Depth of Cut:
Using AB Arbor = .450"
Using NAB Arbor = .460"

28 TEETH			
Standard Concavity	Price Standard Concavity	Double Concavity Alternative Tooth Chamfer 1 1/2" HUB Diameter	Price Double Concavity
C25-002-32-28	\$270.80	—	—
C25-004-32-28	\$216.45	—	—
C25-006-32-28	\$144.65	—	—
C25-008-32-28	\$116.75	—	—
C25-010-32-28	\$116.75	—	—
C25-012-32-28	\$104.60	—	—
C25-014-32-28	\$104.60	—	—
C25-016-32-28	\$104.60	—	—
C25-018-32-28	\$104.60	—	—
C25-020-32-28	\$95.75	K25-020-32-28	\$131.30
C25-023-32-28	\$95.75	K25-023-32-28	\$131.30
C25-025-32-28	\$95.75	K25-025-32-28	\$131.30
C25-028-32-28	\$95.75	K25-028-32-28	\$131.30
C25-032-32-28	\$92.55	K25-032-32-28	\$128.25
C25-035-32-28	\$92.55	K25-035-32-28	\$128.25
C25-040-32-28	\$92.55	K25-040-32-28	\$128.85
C25-045-32-28	\$99.05	K25-045-32-28	\$134.45
C25-051-32-28	\$99.05	K25-051-32-28	\$134.45
C25-062-32-28	\$99.05	K25-062-32-28	\$134.45
C25-078-32-28	\$119.70	K25-078-32-28	\$154.05
C25-092-32-28	\$126.10	K25-092-32-28	\$160.10
C25-125-32-28	\$138.65	K25-125-32-28	\$172.05
C25-156-32-28	\$170.20	K25-156-32-28	\$202.00
C25-187-32-28	\$186.80	K25-187-32-28	\$217.80
C25-250-32-28	\$226.65	K25-250-32-28	\$255.65

56 TEETH			
Standard Concavity	Price Standard Concavity	Double Concavity Alternative Tooth Chamfer 1 1/2" HUB Diameter	Price Double Concavity
C25-002-32-56	\$270.80	—	—
C25-004-32-56	\$216.45	—	—
C25-006-32-56	\$144.65	—	—
C25-008-32-56	\$116.75	—	—
C25-010-32-56	\$116.75	—	—
C25-012-32-56	\$104.60	—	—
C25-014-32-56	\$104.60	—	—
C25-016-32-56	\$104.60	—	—
C25-018-32-56	\$104.60	—	—
C25-020-32-56	\$95.75	K25-020-32-56	\$144.10
C25-023-32-56	\$95.75	K25-023-32-56	\$144.10
C25-025-32-56	\$95.75	K25-025-32-56	\$144.10
C25-028-32-56	\$95.75	K25-028-32-56	\$144.10
C25-032-32-56	\$92.55	K25-032-32-56	\$141.10
C25-035-32-56	\$92.55	K25-035-32-56	\$141.10
C25-040-32-56	\$92.55	K25-040-32-56	\$141.10
C25-045-32-56	\$99.05	K25-045-32-56	\$147.25
C25-051-32-56	\$99.05	K25-051-32-56	\$147.25
C25-062-32-56	\$99.05	K25-062-32-56	\$147.25
C25-078-32-56	\$119.70	K25-078-32-56	\$166.85
C25-092-32-56	\$126.10	K25-092-32-56	\$172.95
C25-125-32-56	\$138.65	K25-125-32-56	\$184.90
C25-156-32-56	\$170.20	K25-156-32-56	\$214.85
C25-187-32-56	\$186.80	K25-187-32-56	\$230.60
C25-250-32-56	\$226.65	K25-250-32-56	\$268.50

2 3/4" Diameter 1" Arbor

Proper Max Depth of Cut:
Using AB Arbor = .575"
Using NAB Arbor = .585"

30 TEETH			
Standard Concavity	Price Standard Concavity	Double Concavity Alternative Tooth Chamfer 1 1/2" HUB Diameter	Price Double Concavity
C27-002-32-30	\$299.40	—	—
C27-004-32-30	\$239.75	—	—
C27-006-32-30	\$159.85	—	—
C27-008-32-30	\$128.95	—	—
C27-010-32-30	\$128.95	—	—
C27-012-32-30	\$120.50	—	—
C27-014-32-30	\$120.50	—	—
C27-016-32-30	\$120.50	—	—
C27-018-32-30	\$120.50	—	—
C27-020-32-30	\$110.05	K27-020-32-30	\$148.55
C27-023-32-30	\$110.05	K27-023-32-30	\$148.55
C27-025-32-30	\$110.05	K27-025-32-30	\$148.55
C27-028-32-30	\$110.05	K27-028-32-30	\$148.55
C27-032-32-30	\$106.20	K27-032-32-30	\$144.90
C27-035-32-30	\$106.20	K27-035-32-30	\$144.90
C27-040-32-30	\$106.20	K27-040-32-30	\$144.90
C27-045-32-30	\$113.75	K27-045-32-30	\$152.05
C27-051-32-30	\$113.75	K27-051-32-30	\$152.05
C27-062-32-30	\$113.75	K27-062-32-30	\$152.05
C27-078-32-30	\$137.95	K27-078-32-30	\$175.05
C27-092-32-30	\$146.70	K27-092-32-30	\$183.35
C27-125-32-30	\$177.40	K27-125-32-30	\$212.55
C27-156-32-30	\$211.85	K27-156-32-30	\$245.25
C27-187-32-30	\$235.30	K27-187-32-30	\$267.80
C27-250-32-30	\$268.95	K27-250-32-30	\$299.50

60 TEETH			
Standard Concavity	Price Standard Concavity	Double Concavity Alternative Tooth Chamfer 1 1/2" HUB Diameter	Price Double Concavity
C27-002-32-60	\$299.40	—	—
C27-004-32-60	\$239.75	—	—
C27-006-32-60	\$159.85	—	—
C27-008-32-60	\$128.95	—	—
C27-010-32-60	\$128.95	—	—
C27-012-32-60	\$120.50	—	—
C27-014-32-60	\$120.50	—	—
C27-016-32-60	\$120.50	—	—
C27-018-32-60	\$120.50	—	—
C27-020-32-60	\$110.05	K27-020-32-60	\$162.60
C27-023-32-60	\$110.05	K27-023-32-60	\$162.30
C27-025-32-60	\$110.05	K27-025-32-60	\$162.30
C27-028-32-60	\$110.05	K27-028-32-60	\$162.30
C27-032-32-60	\$106.20	K27-032-32-60	\$158.65
C27-035-32-60	\$106.20	K27-035-32-60	\$158.65
C27-040-32-60	\$106.20	K27-040-32-60	\$158.65
C27-045-32-60	\$113.75	K27-045-32-60	\$165.80
C27-051-32-60	\$113.75	K27-051-32-60	\$165.80
C27-062-32-60	\$113.75	K27-062-32-60	\$165.80
C27-078-32-60	\$137.95	K27-078-32-60	\$188.80
C27-092-32-60	\$146.70	K27-092-32-60	\$197.10
C27-125-32-60	\$177.40	K27-125-32-60	\$226.30
C27-156-32-60	\$211.85	K27-156-32-60	\$259.00
C27-187-32-60	\$235.30	K27-187-32-60	\$281.55
C27-250-32-60	\$268.95	K27-250-32-60	\$313.25

Saws Applications

3" Diameter **1"** Arbor

Proper Max Depth of Cut:
Using AB Arbor = .700"
Using NAB Arbor = .710"

30 TEETH			
Standard Concavity	Price Standard Concavity	Double Concavity Alternative Tooth Chamfer 1/2" HUB Diameter	Price Double Concavity
C30-002-32-30	\$311.75	—	—
C30-004-32-30	\$249.45	—	—
C30-006-32-30	\$166.55	—	—
C30-008-32-30	\$134.40	—	—
C30-010-32-30	\$134.40	—	—
C30-012-32-30	\$126.60	—	—
C30-014-32-30	\$126.60	—	—
C30-016-32-30	\$126.60	—	—
C30-018-32-30	\$126.60	—	—
C30-020-32-30	\$122.50	K30-020-32-30	\$160.40
C30-023-32-30	\$122.50	K30-023-32-30	\$160.40
C30-025-32-30	\$122.50	K30-025-32-30	\$160.40
C30-028-32-30	\$122.50	K30-028-32-30	\$160.40
C30-032-32-30	\$119.95	K30-032-32-30	\$157.95
C30-035-32-30	\$119.95	K30-035-32-30	\$157.95
C30-040-32-30	\$119.95	K30-040-32-30	\$157.95
C30-045-32-30	\$126.90	K30-045-32-30	\$164.55
C30-051-32-30	\$126.90	K30-051-32-30	\$164.55
C30-062-32-30	\$126.90	K30-062-32-30	\$164.55
C30-078-32-30	\$154.40	K30-078-32-30	\$190.70
C30-092-32-30	\$166.30	K30-092-32-30	\$202.00
C30-125-32-30	\$211.50	K30-125-32-30	\$244.95
C30-156-32-30	\$234.65	K30-156-32-30	\$266.90
C30-187-32-30	\$253.65	K30-187-32-30	\$284.95
C30-250-32-30	\$302.95	K30-250-32-30	\$331.80

60 TEETH			
Standard Concavity	Price Standard Concavity	Double Concavity Alternative Tooth Chamfer 1/2" HUB Diameter	Price Double Concavity
C30-002-32-60	\$311.75	—	—
C30-004-32-60	\$249.45	—	—
C30-006-32-60	\$166.55	—	—
C30-008-32-60	\$134.40	—	—
C30-010-32-60	\$134.40	—	—
C30-012-32-60	\$126.60	—	—
C30-014-32-60	\$126.60	—	—
C30-016-32-60	\$126.60	—	—
C30-018-32-60	\$126.60	—	—
C30-020-32-60	\$122.50	K30-020-32-60	\$174.15
C30-023-32-60	\$122.50	K30-023-32-60	\$174.15
C30-025-32-60	\$122.50	K30-025-32-60	\$174.15
C30-028-32-60	\$122.50	K30-028-32-60	\$174.15
C30-032-32-60	\$119.95	K30-032-32-60	\$171.70
C30-035-32-60	\$119.95	K30-035-32-60	\$171.70
C30-040-32-60	\$119.95	K30-040-32-60	\$171.90
C30-045-32-60	\$126.90	K30-045-32-60	\$178.30
C30-051-32-60	\$126.90	K30-051-32-60	\$178.30
C30-062-32-60	\$126.90	K30-062-32-60	\$178.30
C30-078-32-60	\$154.40	K30-078-32-60	\$204.45
C30-092-32-60	\$166.30	K30-092-32-60	\$215.75
C30-125-32-60	\$211.50	K30-125-32-60	\$258.70
C30-156-32-60	\$234.65	K30-156-32-60	\$280.65
C30-187-32-60	\$253.65	K30-187-32-60	\$298.70
C30-250-32-60	\$302.95	K30-250-32-60	\$345.55

4" Diameter **1"** Arbor

Proper Max Depth of Cut:
Using AB Arbor = 1.200"
Using NAB Arbor = 1.210"

36 TEETH			
Standard Concavity	Price Standard Concavity	Double Concavity Alternative Tooth Chamfer 1/2" HUB Diameter	Price Double Concavity
C40-002-32-36	\$471.35	—	—
C40-004-32-36	\$377.15	—	—
C40-006-32-36	\$251.60	—	—
C40-008-32-36	\$203.10	—	—
C40-010-32-36	\$203.10	—	—
C40-012-32-36	\$189.85	—	—
C40-014-32-36	\$189.85	—	—
C40-016-32-36	\$189.85	—	—
C40-018-32-36	\$189.85	—	—
C40-020-32-36	\$183.20	K40-020-32-36	\$224.20
C40-023-32-36	\$183.20	K40-023-32-36	\$224.20
C40-025-32-36	\$183.20	K40-025-32-36	\$224.20
C40-028-32-36	\$183.20	K40-028-32-36	\$224.20
C40-032-32-36	\$170.65	K40-032-32-36	\$213.00
C40-035-32-36	\$170.65	K40-035-32-36	\$213.00
C40-040-32-36	\$170.65	K40-040-32-36	\$213.00
C40-045-32-36	\$163.75	K40-045-32-36	\$206.45
C40-051-32-36	\$163.75	K40-051-32-36	\$206.45
C40-062-32-36	\$163.75	K40-062-32-36	\$206.45
C40-078-32-36	\$184.75	K40-078-32-36	\$226.40
C40-092-32-36	\$201.10	K40-092-32-36	\$241.90
C40-125-32-36	\$277.05	K40-125-32-36	\$314.05
C40-156-32-36	\$319.90	K40-156-32-36	\$354.80
C40-187-32-36	\$345.55	K40-187-32-36	\$379.15
C40-250-32-36	\$370.25	K40-250-32-36	\$402.60

72 TEETH			
Standard Concavity	Price Standard Concavity	Double Concavity Alternative Tooth Chamfer 1/2" HUB Diameter	Price Double Concavity
C40-002-32-72	\$471.35	—	—
C40-004-32-72	\$377.15	—	—
C40-006-32-72	\$251.60	—	—
C40-008-32-72	\$203.10	—	—
C40-010-32-72	\$203.10	—	—
C40-012-32-72	\$189.85	—	—
C40-014-32-72	\$189.85	—	—
C40-016-32-72	\$189.85	—	—
C40-018-32-72	\$189.85	—	—
C40-020-32-72	\$183.20	K40-020-32-72	\$241.40
C40-023-32-72	\$183.20	K40-023-32-72	\$241.40
C40-025-32-72	\$183.20	K40-025-32-72	\$241.40
C40-028-32-72	\$183.20	K40-028-32-72	\$241.40
C40-032-32-72	\$170.65	K40-032-32-72	\$229.50
C40-035-32-72	\$170.65	K40-035-32-72	\$229.50
C40-040-32-72	\$170.65	K40-040-32-72	\$229.50
C40-045-32-72	\$163.75	K40-045-32-72	\$222.95
C40-051-32-72	\$163.75	K40-051-32-72	\$222.95
C40-062-32-72	\$163.75	K40-062-32-72	\$222.95
C40-078-32-72	\$184.75	K40-078-32-72	\$249.20
C40-092-32-72	\$201.10	K40-092-32-72	\$258.40
C40-125-32-72	\$277.05	K40-125-32-72	\$330.55
C40-156-32-72	\$319.90	K40-156-32-72	\$371.30
C40-187-32-72	\$345.55	K40-187-32-72	\$395.65
C40-250-32-72	\$370.25	K40-250-32-72	\$419.10

Saws Applications

20^{mm} Diameter **5**^{mm} Arbor
 Proper Max Depth of Cut:
 Using MSA Arbor = 3.5 mm

25^{mm} Diameter **8**^{mm} Arbor
 Proper Max Depth of Cut:
 Using MSA Arbor = 4.0 mm

10 TEETH METRIC			
Standard Concavity	Price Standard Concavity	Double Concavity Alternative Tooth Chamfer 12mm HUB Diameter	Price Double Concavity
M20-005-05-10	\$104.15	—	—
M20-010-05-10	\$83.30	—	—
M20-015-05-10	\$55.60	—	—
M20-020-05-10	\$48.20	—	—
M20-040-05-10	\$38.40	—	—
M20-060-05-10	\$32.60	MK20-060-05-10	\$54.80
M20-100-05-10	\$27.20	MK20-100-05-10	\$43.95
M20-120-05-10	\$32.65	MK20-120-05-10	\$54.85
M20-160-05-10	\$32.65	MK20-160-05-10	\$54.85
M20-200-05-10	\$42.50	MK20-200-05-10	\$64.20
M20-250-05-10	\$48.40	MK20-250-05-10	\$68.70
M20-300-05-10	\$61.80	MK20-300-05-10	\$82.55
M20-400-05-10	\$83.05	MK20-400-05-10	\$102.75
M20-500-05-10	\$90.65	MK20-500-05-10	\$102.45
M20-600-05-10	\$109.60	MK20-600-05-10	\$127.95

12 TEETH METRIC			
Standard Concavity	Price Standard Concavity	Double Concavity Alternative Tooth Chamfer 16mm HUB Diameter	Price Double Concavity
M25-005-08-12	\$130.35	—	—
M25-010-08-12	\$104.15	—	—
M25-015-08-12	\$69.55	—	—
M25-020-08-12	\$62.40	—	—
M25-040-08-12	\$49.90	—	—
M25-060-08-12	\$41.45	MK25-060-08-12	\$63.20
M25-100-08-12	\$38.05	MK25-100-08-12	\$60.90
M25-120-08-12	\$41.35	MK25-120-08-12	\$64.15
M25-160-08-12	\$41.35	MK25-160-08-12	\$64.15
M25-200-08-12	\$52.05	MK25-200-08-12	\$74.20
M25-250-08-12	\$57.75	MK25-250-08-12	\$79.60
M25-300-08-12	\$77.20	MK25-300-08-12	\$98.10
M25-400-08-12	\$92.10	MK25-400-08-12	\$112.25
M25-500-08-12	\$96.10	MK25-500-08-12	\$116.05
M25-600-08-12	\$111.05	MK25-600-08-12	\$130.25

20 TEETH METRIC			
Standard Concavity	Price Standard Concavity	Double Concavity Alternative Tooth Chamfer 12mm HUB Diameter	Price Double Concavity
M20-005-05-20	\$104.15	—	—
M20-010-05-20	\$83.30	—	—
M20-015-05-20	\$55.60	—	—
M20-020-05-20	\$48.20	—	—
M20-040-05-20	\$38.40	—	—
M20-060-05-20	\$32.60	MK20-060-05-20	\$59.40
M20-100-05-20	\$27.20	MK20-100-05-20	\$48.55
M20-120-05-20	\$32.65	MK20-120-05-20	\$59.45
M20-160-05-20	\$32.65	MK20-160-05-20	\$59.45
M20-200-05-20	\$42.50	MK20-200-05-20	\$68.80
M20-250-05-20	\$48.40	MK20-250-05-20	\$73.30
M20-300-05-20	\$61.80	MK20-300-05-20	\$87.10
M20-400-05-20	\$83.05	MK20-400-05-20	\$107.30
M20-500-05-20	\$90.65	MK20-500-05-20	\$112.00
M20-600-05-20	\$109.60	MK20-600-05-20	\$132.55

24 TEETH METRIC			
Standard Concavity	Price Standard Concavity	Double Concavity Alternative Tooth Chamfer 16mm HUB Diameter	Price Double Concavity
M25-005-08-24	\$130.35	—	—
M25-010-08-24	\$104.15	—	—
M25-015-08-24	\$69.55	—	—
M25-020-08-24	\$62.40	—	—
M25-040-08-24	\$49.90	—	—
M25-060-08-24	\$41.45	MK25-060-08-24	\$69.65
M25-100-08-24	\$38.05	MK25-100-08-24	\$66.40
M25-120-08-24	\$41.35	MK25-120-08-24	\$69.65
M25-160-08-24	\$41.35	MK25-160-08-24	\$69.65
M25-200-08-24	\$52.05	MK25-200-08-24	\$79.70
M25-250-08-24	\$57.75	MK25-250-08-24	\$85.10
M25-300-08-24	\$77.20	MK25-300-08-24	\$103.60
M25-400-08-24	\$92.10	MK25-400-08-24	\$117.55
M25-500-08-24	\$96.10	MK25-500-08-24	\$121.55
M25-600-08-24	\$111.05	MK25-600-08-24	\$135.75

Saws Applications

32^{mm} Diameter **8**^{mm} Arbor Proper Max Depth of Cut:
Using MSA Arbor = 7.5 mm

40^{mm} Diameter **10**^{mm} Arbor Proper Max Depth of Cut:
Using MSA Arbor = 10.5 mm

16 TEETH METRIC			
Standard Concavity	Price Standard Concavity	Double Concavity Alternative Tooth Chamfer 16mm HUB Diameter	Price Double Concavity
M32-010-08-16	\$134.95	—	—
M32-015-08-16	\$90.20	—	—
M32-020-08-16	\$72.70	—	—
M32-040-08-16	\$57.05	—	—
M32-060-08-16	\$49.55	MK32-060-08-16	\$79.05
M32-100-08-16	\$38.45	MK32-100-08-16	\$64.50
M32-120-08-16	\$41.60	MK32-120-08-16	\$67.45
M32-160-08-16	\$41.60	MK32-160-08-16	\$67.45
M32-200-08-16	\$50.95	MK32-200-08-16	\$76.30
M32-250-08-16	\$62.05	MK32-250-08-16	\$86.90
M32-300-08-16	\$79.55	MK32-300-08-16	\$103.55
M32-400-08-16	\$97.75	MK32-400-08-16	\$120.80
M32-500-08-16	\$101.50	MK32-500-08-16	\$124.40
M32-600-08-16	\$126.00	MK32-600-08-16	\$147.65

16 TEETH METRIC			
Standard Concavity	Price Standard Concavity	Double Concavity Alternative Tooth Chamfer 18mm HUB Diameter	Price Double Concavity
M40-010-10-16	\$154.45	—	—
M40-015-10-16	\$102.85	—	—
M40-020-10-16	\$83.05	—	—
M40-040-10-16	\$72.75	—	—
M40-060-10-16	\$58.30	MK40-060-10-16	\$83.35
M40-100-10-16	\$50.95	MK40-100-10-16	\$76.35
M40-120-10-16	\$52.85	MK40-120-10-16	\$78.15
M40-160-10-16	\$52.85	MK40-160-10-16	\$78.15
M40-200-10-16	\$64.05	MK40-200-10-16	\$88.80
M40-250-10-16	\$72.90	MK40-250-10-16	\$97.20
M40-300-10-16	\$81.65	MK40-300-10-16	\$105.50
M40-400-10-16	\$104.50	MK40-400-10-16	\$127.25
M40-500-10-16	\$107.40	MK40-500-10-16	\$130.00
M40-600-10-16	\$126.50	MK40-600-10-16	\$148.15

36 TEETH METRIC			
Standard Concavity	Price Standard Concavity	Double Concavity Alternative Tooth Chamfer 16mm HUB Diameter	Price Double Concavity
M32-010-08-36	\$134.95	—	—
M32-015-08-36	\$90.20	—	—
M32-020-08-36	\$72.70	—	—
M32-040-08-36	\$57.05	—	—
M32-060-08-36	\$49.55	MK32-060-08-36	\$84.20
M32-100-08-36	\$38.45	MK32-100-08-36	\$73.65
M32-120-08-36	\$41.60	MK32-120-08-36	\$76.65
M32-160-08-36	\$41.60	MK32-160-08-36	\$76.65
M32-200-08-36	\$50.95	MK32-200-08-36	\$85.50
M32-250-08-36	\$62.05	MK32-250-08-36	\$96.05
M32-300-08-36	\$79.55	MK32-300-08-36	\$112.70
M32-400-08-36	\$97.75	MK32-400-08-36	\$130.00
M32-500-08-36	\$101.50	MK32-500-08-36	\$133.55
M32-600-08-36	\$126.00	MK32-600-08-36	\$156.85

36 TEETH METRIC			
Standard Concavity	Price Standard Concavity	Double Concavity Alternative Tooth Chamfer 18mm HUB Diameter	Price Double Concavity
M40-010-10-36	\$154.45	—	—
M40-015-10-36	\$102.85	—	—
M40-020-10-36	\$83.05	—	—
M40-040-10-36	\$72.75	—	—
M40-060-10-36	\$58.30	MK40-060-10-36	\$92.50
M40-100-10-36	\$50.95	MK40-100-10-36	\$85.55
M40-120-10-36	\$52.85	MK40-120-10-36	\$87.35
M40-160-10-36	\$52.85	MK40-160-10-36	\$87.35
M40-200-10-36	\$64.05	MK40-200-10-36	\$97.95
M40-250-10-36	\$72.90	MK40-250-10-36	\$106.40
M40-300-10-36	\$81.65	MK40-300-10-36	\$114.70
M40-400-10-36	\$104.50	MK40-400-10-36	\$136.40
M40-500-10-36	\$107.40	MK40-500-10-36	\$139.15
M40-600-10-36	\$126.50	MK40-600-10-36	\$157.30

Saws Applications

50^{mm} Diameter **13**^{mm} Arbor Proper Max Depth of Cut:
MSA Arbor = 14.5 mm

63^{mm} Diameter **16**^{mm} Arbor Proper Max Depth of Cut:
MSA Arbor = 18.5 mm

24 TEETH METRIC			
Standard Concavity	Price Standard Concavity	Double Concavity Alternative Tooth Chamfer 20mm HUB Diameter	Price Double Concavity
M50-015-13-24	\$132.00	—	—
M50-020-13-24	\$106.55	—	—
M50-040-13-24	\$89.80	—	—
M50-060-13-24	\$80.85	MK50-060-13-24	\$112.55
M50-100-13-24	\$70.55	MK50-100-13-24	\$102.75
M50-120-13-24	\$72.80	MK50-120-13-24	\$104.90
M50-160-13-24	\$72.80	MK50-160-13-24	\$104.90
M50-200-13-24	\$80.35	MK50-200-13-24	\$114.05
M50-250-13-24	\$88.75	MK50-250-13-24	\$120.05
M50-300-13-24	\$103.80	MK50-300-13-24	\$134.35
M50-400-13-24	\$120.15	MK50-400-13-24	\$149.90
M50-500-13-24	\$162.65	MK50-500-13-24	\$178.50
M50-600-13-24	\$177.95	MK50-600-13-24	\$204.80

28 TEETH METRIC			
Standard Concavity	Price Standard Concavity	Double Concavity Alternative Tooth Chamfer 25mm HUB Diameter	Price Double Concavity
M63-015-16-28	\$144.65	—	—
M63-020-16-28	\$116.75	—	—
M63-040-16-28	\$106.55	—	—
M63-060-16-28	\$95.75	MK63-060-16-28	\$131.30
M63-100-16-28	\$92.55	MK63-100-16-28	\$128.25
M63-120-16-28	\$99.05	MK63-120-16-28	\$134.45
M63-160-16-28	\$99.05	MK63-160-16-28	\$134.45
M63-200-16-28	\$119.70	MK63-200-16-28	\$154.05
M63-250-16-28	\$126.10	MK63-250-16-28	\$160.10
M63-300-16-28	\$138.65	MK63-300-16-28	\$172.05
M63-400-16-28	\$170.25	MK63-400-16-28	\$202.00
M63-500-16-28	\$186.80	MK63-500-16-28	\$217.80
M63-600-16-28	\$226.65	MK63-600-16-28	\$255.65

48 TEETH METRIC			
Standard Concavity	Price Standard Concavity	Double Concavity Alternative Tooth Chamfer 20mm HUB Diameter	Price Double Concavity
M50-015-13-48	\$132.00	—	—
M50-020-13-48	\$106.55	—	—
M50-040-13-48	\$89.80	—	—
M50-060-13-48	\$80.85	MK50-060-13-48	\$123.55
M50-100-13-48	\$70.55	MK50-100-13-48	\$113.75
M50-120-13-48	\$72.80	MK50-120-13-48	\$115.90
M50-160-13-48	\$72.80	MK50-160-13-48	\$115.90
M50-200-13-48	\$80.35	MK50-200-13-48	\$125.05
M50-250-13-48	\$88.75	MK50-250-13-48	\$131.05
M50-300-13-48	\$103.80	MK50-300-13-48	\$145.35
M50-400-13-48	\$120.15	MK50-400-13-48	\$160.70
M50-500-13-48	\$162.65	MK50-500-13-48	\$189.50
M50-600-13-48	\$177.95	MK50-600-13-48	\$215.80

56 TEETH METRIC			
Standard Concavity	Price Standard Concavity	Double Concavity Alternative Tooth Chamfer 25mm HUB Diameter	Price Double Concavity
M63-015-16-56	\$144.65	—	—
M63-020-16-56	\$116.75	—	—
M63-040-16-56	\$106.55	—	—
M63-060-16-56	\$95.75	MK63-060-16-56	\$144.10
M63-100-16-56	\$92.55	MK63-100-16-56	\$141.10
M63-120-16-56	\$99.05	MK63-120-16-56	\$147.25
M63-160-16-56	\$99.05	MK63-160-16-56	\$147.25
M63-200-16-56	\$119.70	MK63-200-16-56	\$166.85
M63-250-16-56	\$126.10	MK63-250-16-56	\$172.95
M63-300-16-56	\$138.65	MK63-300-16-56	\$184.90
M63-400-16-56	\$170.25	MK63-400-16-56	\$214.85
M63-500-16-56	\$186.80	MK63-500-16-56	\$230.60
M63-600-16-56	\$226.65	MK63-600-16-56	\$268.50

Saws Applications

80 mm Diameter 22 mm Arbor

Proper Max Depth of Cut:
MSA Arbor = 24.5 mm

30 TEETH METRIC			
Standard Concavity	Price Standard Concavity	Double Concavity Alternative Tooth Chamfer 35mm HUB Diameter	Price Double Concavity
M80-020-22-30	\$134.40	—	—
M80-040-22-30	\$128.95	—	—
M80-060-22-30	\$122.50	MK80-060-22-30	\$160.40
M80-100-22-30	\$119.95	MK80-100-22-30	\$157.95
M80-120-22-30	\$126.90	MK80-120-22-30	\$164.55
M80-160-22-30	\$126.90	MK80-160-22-30	\$164.55
M80-200-22-30	\$154.40	MK80-200-22-30	\$190.70
M80-250-22-30	\$166.30	MK80-250-22-30	\$202.00
M80-300-22-30	\$211.50	MK80-300-22-30	\$244.95
M80-400-22-30	\$234.65	MK80-400-22-30	\$266.90
M80-500-22-30	\$253.65	MK80-500-22-30	\$284.95
M80-600-22-30	\$302.95	MK80-600-22-30	\$331.80

60 TEETH METRIC			
Standard Concavity	Price Standard Concavity	Double Concavity Alternative Tooth Chamfer 35mm HUB Diameter	Price Double Concavity
M80-020-22-60	\$134.40	—	—
M80-040-22-60	\$128.95	—	—
M80-060-22-60	\$122.50	MK80-060-22-60	\$174.15
M80-100-22-60	\$119.95	MK80-100-22-60	\$171.90
M80-120-22-60	\$126.90	MK80-120-22-60	\$178.30
M80-160-22-60	\$126.90	MK80-160-22-60	\$178.30
M80-200-22-60	\$154.40	MK80-200-22-60	\$204.45
M80-250-22-60	\$166.30	MK80-250-22-60	\$215.75
M80-300-22-60	\$211.50	MK80-300-22-60	\$258.70
M80-400-22-60	\$234.65	MK80-400-22-60	\$280.65
M80-500-22-60	\$253.65	MK80-500-22-60	\$298.70
M80-600-22-60	\$302.95	MK80-600-22-60	\$345.55

100 mm Diameter 22 mm Arbor

Proper Max Depth of Cut:
MSA Arbor = 34.5 mm

36 TEETH METRIC			
Standard Concavity	Price Standard Concavity	Double Concavity Alternative Tooth Chamfer 35mm HUB Diameter	Price Double Concavity
M100-020-22-36	\$203.15	—	—
M100-040-22-36	\$193.40	—	—
M100-060-22-36	\$183.20	MK100-060-22-36	\$224.20
M100-100-22-36	\$170.65	MK100-100-22-36	\$213.00
M100-120-22-36	\$163.75	MK100-120-22-36	\$206.45
M100-160-22-36	\$163.75	MK100-160-22-36	\$206.45
M100-200-22-36	\$184.75	MK100-200-22-36	\$226.40
M100-250-22-36	\$201.10	MK100-250-22-36	\$241.90
M100-300-22-36	\$277.05	MK100-300-22-36	\$314.05
M100-400-22-36	\$319.90	MK100-400-22-36	\$354.80
M100-500-22-36	\$345.55	MK100-500-22-36	\$379.15
M100-600-22-36	\$370.25	MK100-600-22-36	\$402.60

72 TEETH METRIC			
Standard Concavity	Price Standard Concavity	Double Concavity Alternative Tooth Chamfer 35mm HUB Diameter	Price Double Concavity
M100-020-22-72	\$203.15	—	—
M100-040-22-72	\$193.40	—	—
M100-060-22-72	\$183.20	MK100-060-22-72	\$241.40
M100-100-22-72	\$170.65	MK100-100-22-72	\$229.50
M100-120-22-72	\$163.75	MK100-120-22-72	\$222.95
M100-160-22-72	\$163.75	MK100-160-22-72	\$222.95
M100-200-22-72	\$184.75	MK100-200-22-72	\$249.20
M100-250-22-72	\$201.10	MK100-250-22-72	\$258.40
M100-300-22-72	\$277.05	MK100-300-22-72	\$330.55
M100-400-22-72	\$319.90	MK100-400-22-72	\$371.30
M100-500-22-72	\$345.55	MK100-500-22-72	\$395.65
M100-600-22-72	\$370.25	MK100-600-22-72	\$419.10

AB Arbors

AB Arbor Part Number	AB Arbor Price
AB-250	\$138.80
AB-375	\$157.20
AB-500	\$175.75
AB-625	\$175.75
AB-875	\$274.25
AB-1000	\$249.95
AB-1000-1	\$258.95
AB-1250	\$374.20

MSA Arbors METRIC

MSA Arbor Part Number	MSA Arbor Price
MSA-05	\$178.30
MSA-08	\$187.10
MSA-10	\$210.95
MSA-13	\$205.20
MSA-16	\$244.25
MSA-22	\$275.85

NAB Arbors Without Keyway

Part Number Without Keyway	Price Without Keyway
NAB-250	\$210.00
NAB-375	\$228.00
NAB-500	\$240.00
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NAB Arbors With Keyway

Part Number With Keyway	Price With Keyway
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—	—
—	—
NAB-625	\$312.00
NAB-750	\$324.00
NAB-875	\$330.00
NAB-1000	\$390.00
NAB-1250	\$462.00

FLANGES

(Any diameter between 2-4")

Flange Part Number	Flange Price
FLANGES-2	\$116.10
FLANGES-2.5	\$116.10
FLANGES-3	\$127.55
FLANGES-3.5	\$150.45
FLANGES-4	\$177.50

CAPS

Standard Length Replacements

Standard Cap Part Number	Standard Cap Price
CP-AB-250	\$55.50
CP-AB-375	\$52.40
CP-AB-500	\$58.60
CP-AB-625	\$58.60
CP-AB-875	\$91.40
CP-AB-1000	\$83.30
CP-AB-1000	\$83.30

CAPS

Extended Length Replacements

Extended Cap Part Number	Extended Cap Price
XCP-AB-250	\$55.50
XCP-AB-375	\$52.40
XCP-AB-500	\$58.60
XCP-AB-625	\$58.60
XCP-AB-875	\$91.40
XCP-AB-1000	\$83.30
XCP-AB-1000	\$83.30

Terms & Conditions

Terms

1% Ten Days, Net 30 Days. Minimum Invoice, \$25.00.

Shipping

F.O.B. Lincoln, California. All shipments via **2nd Day Air**, unless otherwise specified.

Claims

Goods are considered sold and our responsibility ceases when delivery is made to the transportation company. In the event of goods being lost in transit, we will make every effort on behalf of customers to have lost goods found or to have the transportation company make proper restitution for loss.

Damage claims must be made against carrier.

Specials

Orders for special tools, non-catalog or modified tools are accepted on a no-cancellation basis and tools are not returnable. A confirming purchase order is required before any work begins on special tools.

A 10% over or under shipment on a special is acceptable based on industry practices unless no overshipment is stated at time of quoting.

Return Policy

No merchandise may be returned without prior authorization from the factory. Credit will not be issued for merchandise returned without a return authorization number.

All merchandise returned for credit will be subject to a 15% restocking charge.

Errors

RobbJack Corporation can not be held responsible for incorrect parts made with our products due to mislabeling or defect. We assume all tools used by our customers are inspected before use and that first part inspections in customer's plant is the rule. We will replace or credit tools in those situations.

Prices

Prices subject to change without notice.



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