



## 2012 Price List

Effective March 19, 2012

This pricelist supersedes any previous pricelist published by sp3 Cutting Tools.

Also available as a downloadable .pdf on our updated website: [www.sp3cuttingtools.com](http://www.sp3cuttingtools.com) under the Catalog tab.



**Ultra-Mill Price List**  
**PRICE LIST**

<b>Body Identification</b> (Shellmills)	<b>Extended Description</b>	<b>List Price</b>
UM-2.50-3-1A	Ultra-Mill - 2.5" - 3 Station - Aluminum Body	\$350.00
UM-2.50-6-1A	Ultra-Mill - 2.5" - 6 Station - Aluminum Body	\$500.00
UM-3.00-4-1A	Ultra-Mill - 3.0" - 4 Station - Aluminum Body	\$400.00
UM-3.00-8-1A	Ultra-Mill - 3.0" - 8 Station - Aluminum Body	\$600.00
UM-3.00-10-1A	Ultra-Mill - 3.0" - 10 Station - Aluminum Body	\$700.00
UM-4.00-6-1A	Ultra-Mill - 4.0" - 6 Station - Aluminum Body	\$500.00
UM-4.00-12-1A	Ultra-Mill - 4.0" - 12 Station - Aluminum Body	\$800.00
UM-5.00-8-1A	Ultra-Mill - 5.0" - 8 Station - Aluminum Body	\$700.00
UM-5.00-16-1A	Ultra-Mill - 5.0" - 16 Station - Aluminum Body	\$1,100.00
UM-6.00-8-1A	Ultra-Mill - 6.0" - 8 Station - Aluminum Body	\$700.00
UM-6.00-12-1A	Ultra-Mill - 6.0" - 12 Station - Aluminum Body	\$900.00
UM-6.00-20-1A	Ultra-Mill - 6.0" -20 Station - Aluminum Body	\$1,300.00
UM-8.00-10-1A	Ultra-Mill - 8.0" - 10 Station - Aluminum Body	\$800.00
UM-8.00-12-1A	Ultra-Mill - 8.0" - 12 Station - Aluminum Body	\$900.00
UM-8.00-24-1A	Ultra-Mill - 8.0" - 24 Station - Aluminum Body	\$1,500.00
UM-10.00-12-1A	Ultra-Mill - 10.0" - 12 Station - Aluminum Body	\$900.00
UM-10.00-28-1A	Ultra-Mill - 10.0" - 28 Station - Aluminum Body	\$1,700.00
UM-12.00-18-1A	Ultra-Mill - 12" - 18 Station - Aluminum Body	\$1,300.00
UM-12.00-36-1A	Ultra-Mill - 12" - 36 Station - Aluminum Body	\$2,200.00
UM-14.00-16-1A	Ultra-Mill - 14.0" - 16 Station - Aluminum Body	\$1,300.00
UM-14.00-32-1A	Ultra-Mill - 14.0" - 32 Station - Aluminum Body	\$2,100.00
UM-14.00-42-1A	Ultra-Mill - 14.0" - 42 Station - Aluminum Body	\$2,600.00
UM-2.50-3-1S	Ultra-Mill - 2.5" - 3 Station - Steel Body	\$425.00
UM-2.50-6-1S	Ultra-Mill - 2.5" - 6 Station - Steel Body	\$575.00
UM-3.00-4-1S	Ultra-Mill - 3.0" - 4 Station - Steel Body	\$475.00
UM-3.00-8-1S	Ultra-Mill - 3.0" - 8 Station - Steel Body	\$675.00
UM-3.00-10-1S	Ultra-Mill - 3.0" - 10 Station - Steel Body	\$775.00
UM-4.00-6-1S	Ultra-Mill - 4.0" - 6 Station - Steel Body	\$600.00
UM-4.00-12-1S	Ultra-Mill - 4.0" - 12 Station - Steel Body	\$900.00
UM-5.00-8-1S	Ultra-Mill - 5.0" - 8 Station - Steel Body	\$800.00
UM-5.00-16-1S	Ultra-Mill - 5.0" - 16 Station - Steel Body	\$1,200.00
UM-6.00-8-1S	Ultra-Mill - 6.0" - 8 Station - Steel Body	\$800.00
UM-6.00-12-1S	Ultra-Mill - 6.0" - 12 Station - Steel Body	\$1,000.00
UM-6.00-20-1S	Ultra-Mill - 6.0" -20 Station - Steel Body	\$1,400.00
UM-8.00-10-1S	Ultra-Mill - 8.0" - 10 Station - Steel Body	\$1,000.00
UM-8.00-12-1S	Ultra-Mill - 8.0" - 12 Station - Steel Body	\$1,100.00
UM-8.00-24-1S	Ultra-Mill - 8.0" - 24 Station - Steel Body	\$1,700.00
UM-10.00-12-1S	Ultra-Mill - 10.0" - 12 Station - Steel Body	\$1,200.00
UM-10.00-28-1S	Ultra-Mill - 10.0" - 28 Station - Steel Body	\$2,000.00
UM-12.00-18-1S	Ultra-Mill - 12" - 18 Station - Steel Body	\$1,700.00
UM-12.00-36-1S	Ultra-Mill - 12" - 36 Station - Steel Body	\$2,600.00
UM-14.00-16-1S	Ultra-Mill - 14.0" - 16 Station - Steel Body	\$1,800.00
UM-14.00-32-1S	Ultra-Mill - 12.0" - 32 Station - Steel Body	\$1,600.00
UM-14.00-42-1S	Ultra-Mill - 14.0" - 42 Station - Steel Body	\$3,100.00
UM-80MM-4-1A	Ultra-Mill - 80mm - 4 Station - Aluminum Body	\$400.00
UM-80MM-8-1A	Ultra-Mill - 80mm - 8 Station - Aluminum Body	\$600.00
UM-80MM-10-1A	Ultra-Mill - 80mm - 10 Station - Aluminum Body	\$700.00
UM-100MM6-1A	Ultra-Mill - 100mm - 6 Station - Aluminum Body	\$500.00
UM-100MM-8-1A	Ultra-Mill - 100mm - 8 Station - Aluminum Body	\$600.00
UM-100MM-12-1A	Ultra-Mill - 100mm - 12 Station - Aluminum Body	\$800.00
UM-125MM-8-1A	Ultra-Mill - 125mm - 8 Station - Aluminum Body	\$700.00
UM-125MM-12-1A	Ultra-Mill - 125mm - 12 Station - Aluminum Body	\$900.00
UM-125MM-16-1A	Ultra-Mill - 125mm - 16 Station - Aluminum Body	\$1,100.00
UM-160MM-10-1A	Ultra-Mill - 160mm - 10 Station - Aluminum Body	\$800.00
UM-160MM-20-1A	Ultra-Mill - 160mm - 20 Station - Aluminum Body	\$1,300.00
UM-200MM-12-1A	Ultra-Mill - 200mm - 12 Station - Aluminum Body	\$900.00

UM-200MM-24-1A	Ultra-Mill - 200mm - 24 Station - Aluminum Body	\$1,500.00
UM-250MM-32-1A	Ultra-Mill - 250mm - 32 Station - Aluminum Body	\$1,900.00
UM-80MM-4-1S	Ultra-Mill - 80mm - 4 Station - Steel Body	\$475.00
UM-80MM-8-1S	Ultra-Mill - 80mm - 8 Station - Steel Body	\$675.00
UM-80MM-10-1S	Ultra-Mill - 80mm - 10 Station - Steel Body	\$775.00
UM-100MM-6-1S	Ultra-Mill - 100mm - 6 Station - Steel Body	\$600.00
UM-100MM-8-1S	Ultra-Mill - 100mm - 8 Station - Steel Body	\$700.00
UM-100MM-12-1S	Ultra-Mill - 100mm - 12 Station - Steel Body	\$900.00
UM-125MM-8-1S	Ultra-Mill - 125mm - 8 Station - Steel Body	\$800.00
UM-125MM-12-1S	Ultra-Mill - 125mm - 12 Station - Steel Body	\$1,000.00
UM-125MM-16-1S	Ultra-Mill - 125mm - 16 Station - Steel Body	\$1,200.00
UM-160MM-10-1S	Ultra-Mill - 160mm - 10 Station - Steel Body	\$900.00
UM-160MM-20-1S	Ultra-Mill - 160mm - 20 Station - Steel Body	\$1,400.00
UM-200MM-12-1S	Ultra-Mill - 200mm - 12 Station - Steel Body	\$1,100.00
UM-200MM-24-1S	Ultra-Mill - 200mm - 24 Station - Steel Body	\$1,700.00
UM-250MM-32-1S	Ultra-Mill - 250mm - 32 Station - Steel Body	\$2,200.00

### **Ultra-Mill (UC) Cartridge**

<b>Cartridge Identification</b>	<b>Description</b>	<b>List Price</b>
<i>UC Cartridge</i>		
UCDR/L-xxx0	Max Depth Cut .200 ( Standard)	\$67.00
UCDR/L-xxx1	Max Depth Cut .250	\$70.00
UCDR/L-xxx2	Max Depth Cut .375	\$72.00
UCDR/L-xxx3	Max Depth Cut .500	\$74.00
UCDR/L-xxx4	Max Depth Cut .625	\$78.00
UCDR/L-xxx5	Max Depth Cut .750	\$94.00
<i>UC Wiper Cartridge</i>		
UCDR/L-W1-x	Crowned Wiper	\$95.00
UCDR/L-W2-x	Flat Wiper	\$90.00



**Ultra-Mill Intermediate Price List**  
**PRICE LIST**

<b>Body Identification</b> (Shellmills)	<b>Extended Description</b>	<b>List Price</b>
UMI-2.00-8-1A	Ultra-Mill Intermediate - 2.0" - 8 Station - Aluminum Body	\$600.00
UMI-2.00-8-1S	Ultra-Mill Intermediate - 2.0" - 8 Station - Steel Body	\$675.00
UMI-2.50-10-1A	Ultra-Mill Intermediate - 2.5" - 10 Station - Aluminum Body	\$700.00
UMI-2.50-10-1S	Ultra-Mill Intermediate - 2.5" - 10 Station - Steel Body	\$775.00
UMI-3.00-12-1A	Ultra-Mill Intermediate - 3.0" - 12 Station - Aluminum Body	\$800.00
UMI-3.00-12-1S	Ultra-Mill Intermediate - 3.0" - 12 Station - Steel Body	\$875.00
UMI-4.00-18-1A	Ultra-Mill Intermediate - 4.0" - 18 Station - Aluminum Body	\$1,100.00
UMI-4.00-18-1S	Ultra-Mill Intermediate - 4.0" - 18 Station - Steel Body	\$1,200.00
UMI-5.00-22-1A	Ultra-Mill Intermediate - 5.0" - 22 Station - Aluminum Body	\$1,400.00
UMI-5.00-22-1S	Ultra-Mill Intermediate - 5.0" - 22 Station - Steel Body	\$1,500.00
UMI-6.00-28-1A	Ultra-Mill Intermediate - 6.0" - 28 Station - Aluminum Body	\$1,700.00
UMI-6.00-28-1S	Ultra-Mill Intermediate - 6.0" - 28 Station - Steel Body	\$1,800.00
UMI-8.00-38-1A	Ultra-Mill Intermediate - 8.0" - 38 Station - Aluminum Body	\$2,200.00
UMI-8.00-38-1S	Ultra-Mill Intermediate - 8.0" - 38 Station - Steel Body	\$2,400.00
UMI-10.00-48-1A	Ultra-Mill Intermediate - 10.0" - 48 Station - Aluminum Body	\$2,700.00
UMI-10.00-48-1S	Ultra-Mill Intermediate - 10.0" - 48 Station - Steel Body	\$3,000.00
UMI-50MM-8-1A	Ultra-Mill Intermediate - 50mm - 8 Station - Aluminum Body	\$600.00
UMI-50MM-8-1S	Ultra-Mill Intermediate - 50mm - 8 Station - Steel Body	\$675.00
UMI-63MM-10-1A	Ultra-Mill Intermediate - 63mm - 10 Station - Aluminum Body	\$700.00
UMI-63MM-10-1S	Ultra-Mill Intermediate - 63mm - 10 Station - Steel Body	\$775.00
UMI-75MM-12-1A	Ultra-Mill Intermediate - 75mm - 12 Station - Aluminum Body	\$800.00
UMI-75MM-12-1S	Ultra-Mill Intermediate - 75mm - 12 Station - Steel Body	\$875.00
UMI-100MM-18-1A	Ultra-Mill Intermediate - 100mm - 18 Station - Aluminum Body	\$1,100.00
UMI-100MM-18-1S	Ultra-Mill Intermediate - 100mm - 18 Station - Steel Body	\$1,200.00
UMI-125MM-22-1A	Ultra-Mill Intermediate - 125mm - 22 Station - Aluminum Body	\$1,400.00
UMI-125MM-22-1S	Ultra-Mill Intermediate - 125mm - 22 Station - Steel Body	\$1,500.00
UMI-150MM-26-1A	Ultra-Mill Intermediate - 150mm - 26 Station - Aluminum Body	\$1,500.00
UMI-150MM-26-1S	Ultra-Mill Intermediate - 150mm - 26 Station - Steel Body	\$1,600.00
UMI-200MM-36-1A	Ultra-Mill Intermediate - 200mm - 36 Station - Aluminum Body	\$2,000.00
UMI-200MM-36-1S	Ultra-Mill Intermediate - 200mm - 36 Station - Steel Body	\$2,200.00
UMI-250MM-46-1A	Ultra-Mill Intermediate - 250mm - 46 Station - Aluminum Body	\$2,500.00
UMI-250MM-46-1S	Ultra-Mill Intermediate - 250mm - 46 Station - Steel Body	\$2,800.00
<b>Body Identification</b> (Endmills)	<b>Extended Description</b>	<b>List Price</b>
UMI-1.50-4-SS-1.00	Ultra-Mill Intermediate - 1.5" - 4 Station - 1.0" Shank	\$450.00
UMI-1.50-4-SS-1.50	Ultra-Mill Intermediate - 1.5" - 4 Station - 1.5" Shank	\$475.00
UMI-2.00-8-SS-1.00	Ultra-Mill Intermediate - 2.0" - 8 Station - 1.0" Shank	\$650.00
UMI-2.00-8-SS-1.50	Ultra-Mill Intermediate - 2.0" - 8 Station - 1.5" Shank	\$675.00
UMI-32MM-4-SS-25	Ultra-Mill Intermediate - 32mm - 4 Station - 25mm Shank	\$450.00
UMI-32MM-4-SS-38	Ultra-Mill Intermediate - 32mm - 4 Station - 38mm Shank	\$475.00
UMI-50MM-8-SS-25	Ultra-Mill Intermediate - 50mm - 8 Station - 25mm Shank	\$650.00
UMI-50MM-8-SS-38	Ultra-Mill Intermediate - 50mm - 8 Station - 38mm Shank	\$675.00
<b>Ultra-Mill Intermediate (UI) Cartridge</b>		
<b>Cartridge Identification</b>	<b>Description</b>	<b>List Price</b>
UI Cartridge		
UIDR/L-xxx0	Max Depth Cut .200 ( Standard)	\$67.00
UIDR/L-xxx1	Max Depth Cut .250	\$70.00
UIDR/L-xxx2	Max Depth Cut .375	\$72.00
UI Wiper Cartridge		
UIDR/L-W1-x	Crowned Wiper	\$95.00
UIDR/L-W2-x	Flat Wiper	\$90.00



**Ultra-Mill Mini Endmill Price List  
PRICE LIST**

<b>Body Identification</b> (Inch)	<b>Extended Description</b>	<b>List Price</b>
MUE-1.00-6-SS-.75	Ultra-Mill Mini Endmill - 1.0" - 6 station - .75" Shank	\$400.00
MUE-1.00-6-SS-1.00	Ultra-Mill Mini Endmill - 1.0" - 6 station - 1.0" Shank	\$400.00
MUE-1.25-6-SS-.625	Ultra-Mill Mini Endmill - 1.25" - 6 station - .625" Shank	\$425.00
MUE-1.25-6-SS-.75	Ultra-Mill Mini Endmill - 1.25" - 6 station - .75" Shank	\$425.00
MUE-1.25-6-SS-1.00	Ultra-Mill Mini Endmill - 1.25" - 6 station - 1.0" Shank	\$425.00
MUE-1.50-6-SS-.625	Ultra-Mill Mini Endmill - 1.50" - 6 station - .625" Shank	\$450.00
MUE-1.50-6-SS-.75	Ultra-Mill Mini Endmill - 1.50" - 6 station - .75" Shank	\$450.00
MUE-1.50-6-SS-1.00	Ultra-Mill Mini Endmill - 1.50" - 6 station - 1.0" Shank	\$450.00
MUE-1.75-8-SS-1.00	Ultra-Mill Mini Endmill - 1.75" - 8 station - 1.0" Shank	\$500.00
MUE-1.75-8-SS-1.25	Ultra-Mill Mini Endmill - 1.75" - 8 station - 1.25" Shank	\$500.00
MUE-2.00-10-SS-1.25	Ultra-Mill Mini Endmill - 2.0" - 10 station - 1.25" Shank	\$550.00
MUE-25.5MM-6-SS-20	Ultra-Mill Mini Endmill - 25.5mm - 6 station - 20mm Shank	\$400.00
MUE-25.5MM-6-SS-25	Ultra-Mill Mini Endmill - 25.5mm - 6 station - 25mm Shank	\$400.00
MUE-32MM-6-SS-20	Ultra-Mill Mini Endmill - 32mm - 6 station - 20mm Shank	\$425.00
MUE-32MM-6-SS-25	Ultra-Mill Mini Endmill - 32mm - 6 station - 25mm Shank	\$425.00
MUE-38MM-6-SS-20	Ultra-Mill Mini Endmill - 38mm - 6 station - 20mm Shank	\$450.00
MUE-38MM-6-SS-25	Ultra-Mill Mini Endmill - 38mm - 6 station - 25mm Shank	\$450.00
MUE-45MM-8-SS-20	Ultra-Mill Mini Endmill - 45mm - 8 station - 20mm Shank	\$500.00
MUE-45MM-8-SS-32	Ultra-Mill Mini Endmill - 45mm - 8 station - 32mm Shank	\$500.00
MUE-50MM-10-SS-32	Ultra-Mill Mini Endmill - 50mm - 10 station - 32mm Shank	\$550.00

Note: All cutters are delivered standard without coolant through  
 To order with coolant add [C] to the end of the part ID  
**Cost for coolant through is an additional \$15.00 per station**  
 Example: MUE-1.00-6-SS-.75 [C] - \$15 x 6=\$90 for coolant \$490.00

**Ultra-Mill Mini Endmill (MU) Cartridge**

<b>Cartridge Identification</b>	<b>Description</b>	<b>List Price</b>
MU Cartridge		
MUDR/L- xxx0	Max Depth Cut .150 ( Standard)	\$67.00



**Ultra Endmill (UE) Cutter Body & Cartridge  
PRICE LIST**

<b>Body Identification</b> (English)	<b>Extended Description</b>	<b>List Price</b>	<b>Part #</b>
UE-D0.75-3-SS-0.75	Ultra-Mill Endmill - .75" - 3 station - .75" shank	\$380.00	46115-01
UE-D1.00-3-SS-1.00	Ultra-Mill Endmill - 1.0" - 3 station - 1.0" shank	\$420.00	46156-01
UE-D1.25-4-SS-1.00	Ultra-Mill Endmill - 1.25" - 4 station - 1.0" shank	\$460.00	46162-01
UE-D1.50-4-SS-1.00	Ultra-Mill Endmill - 1.5" - 4 station - 1.0" shank	\$570.00	46175-01
UE-D1.75-4-SS-1.25	Ultra-Mill Endmill - 1.75" - 4 station - 1.25" shank	\$540.00	46176-01
UE-D2.00-4-SS-1.25	Ultra-Mill Endmill - 2.0" - 4 station - 1.25" shank	\$580.00	46169-01

<b>Body Identification</b> (Metric)	<b>Extended Description</b>	<b>List Price</b>	<b>Part #</b>
UE-D20MM-3-SS-20MM	Ultra-Mill Endmill - 20mm - 3 station - 20mm shank	\$380.00	46172-01
UE-D25MM-3-SS-25MM	Ultra-Mill Endmill - 25mm - 3 station - 25mm shank	\$420.00	46177-01
UE-D32MM-3-SS-25MM	Ultra-Mill Endmill - 32mm - 3 station - 25mm shank	\$495.00	46154-01
UE-D40MM-4-SS-25MM	Ultra-Mill Endmill - 40mm - 4 station - 25mm shank	\$500.00	46179-01
UE-D50MM-4-SS-30MM	Ultra-Mill Endmill - 50mm - 4 station - 30mm shank	\$580.00	46180-01

Note: All cutters are delivered standard without coolant through

To order with coolant add [C] to the end of the part ID

**Cost for coolant through is an additional \$18.00 per station**

Example: UE-D0.75-3-SS-0.75 [C] - \$18 x 3=\$54 for coolant \$434.00

**Ultra-Mill Endmill (EI/EM) Cartridge**

<b>Cartridge Identification</b> EI Cartridge (Inch)	<b>Description</b>	<b>List Price</b>
EIDR-xxx0	Max Depth Cut .200 ( Standard)	\$85.00
EIDR-xxx1	Max Depth Cut .375	\$90.00
EIDR-xxx2	Max Depth Cut .500	\$95.00
EIDR-xxx3	Max Depth Cut .625	\$100.00
EIDR-xxx4	Max Depth Cut 1.00	\$115.00
EIDR-xxx5	Max Depth Cut .750	\$105.00
EITR-xxx0	Max Depth Cut .200 ( Standard)	\$105.00
EITR-xxx1	Max Depth Cut .375	\$110.00
EITR-xxx2	Max Depth Cut .500	\$115.00
EITR-xxx3	Max Depth Cut .625	\$120.00
EITR-xxx4	Max Depth Cut 1.00	\$140.00
EITR-xxx5	Max Depth Cut .750	\$125.00

<b>Cartridge Identification</b> EM Cartridge (Metric)	<b>Description</b>	<b>List Price</b>
EMDR-xxx0	Max Depth Cut 5.0MM ( Standard)	\$85.00
EMDR-xxx1	Max Depth Cut 9.5 MM	\$90.00
EMDR-xxx2	Max Depth Cut 12.0 MM	\$95.00
EMDR-xxx3	Max Depth Cut 16.0 MM	\$100.00
EMDR-xxx4	Max Depth Cut 25.0 MM	\$115.00
EMDR-xxx5	Max Depth Cut 19.0 MM	\$105.00
EMTR-xxx0	Max Depth Cut 5.0MM ( Standard)	\$105.00
EMTR-xxx1	Max Depth Cut 9.5 MM	\$110.00
EMTR-xxx2	Max Depth Cut 12.0 MM	\$115.00
EMTR-xxx3	Max Depth Cut 16.0 MM	\$120.00
EMTR-xxx4	Max Depth Cut 25.0 MM	\$140.00
EMTR-xxx5	Max Depth Cut 19.0 MM	\$125.00



**Spare Parts  
PRICE LIST**

<b>Shower Screws and Plates</b> (English)	<i>Extended Description</i>	<i>List Price</i>
USS25	Shower Screw for 2.5" Mill	\$110.00
USS30	Shower Screw for 3.0" Mill	\$120.00
USS40	Shower Screw for 4.0" Mill	\$140.00
USS50	Shower Screw for 5.0" Mill	\$150.00
USS60	Shower Screw for 6.0" Mill	\$160.00
USS80	Shower Plate for 8.0" Mill	\$230.00
USS10	Shower Plate for 10.0" Mill	\$250.00
USS12	Shower Plate for 12.0" Mill	\$350.00
USS14	Shower Plate for 14.0" Mill	\$390.00
(Metric)	<i>Extended Description</i>	<i>List Price</i>
USS50M	Shower Screw for 50mm Mill	\$110.00
USS80M/22	Shower Screw for 80mm Mill w/ 22mm Bore	\$120.00
USS80M/27	Shower Screw for 80mm Mill w/ 27mm Bore	\$120.00
USS100M	Shower Screw for 100mm Mill	\$140.00
USS125M	Shower Screw for 125mm Mill	\$150.00
USS160M	Shower Screw for 160mm Mill	\$160.00
USS200M	Shower Plate for 200mm Mill	\$230.00
USS250M	Shower Plate for 250mm Mill	\$250.00

<b>Mounting Hardware</b>	<i>Description</i>	<i>List Price</i>
63501	Cartridge Mount Screw	\$1.00
63500	Cartridge Adjustment Nut	\$3.00
63502	Stud for Adjustment Nut	\$1.00
63503	Cartridge Mount Screw	\$1.00
63504	Stud for Adjustment Nut	\$1.00
63521	Cartridge Mount Screw	\$3.50
63520	Cartridge Adjustment Nut	\$3.50
63522	Stud for Adjustment Nut	\$3.50
63523	Cartridge Mount Screw	\$3.50
63524	Stud for Adjustment Nut	\$3.50
63540	Cartridge Mount Screw	\$5.00
63541	Cartridge Adjustment Screw	\$3.70
63542	Cartridge Mount Screw	\$2.90
63300	Cartridge Mount Screw	\$11.00
63547	Cartridge Adjustment Screw	\$1.00
63302	Cartridge Mount Screw	\$11.00
63527	Cartridge Mount Screw	\$11.00
63528	Cartridge Adjustment Screw	\$1.00
63549	Cartridge Mount Screw	\$3.00

<b>Adjustment Tools</b>	<i>Description</i>	<i>List Price</i>
63600	Cartridge Adjustment Wrench	\$20.00
63601	Pre-set 45 in-lbs Torque Wrench	\$115.00
63602	Torx T-25 T-handle Wrench	\$18.00
63603	Pre-set 14.5 in-lbs Torque Wrench	\$115.00
63604	Torx T-9 T-handle Wrench	\$12.00
63605	7mm Cartridge Adjustment Wrench	\$25.00
63606	Pre-set 50 in-lbs Torque Wrench	\$115.00
63607	Torx T-15 Wing Style Handle Wrench	\$10.00
63609	Pre-set 19 in-lbs Torque Wrench	\$115.00
63350	UMPP - Procket Protector - Ultra-Mill	\$25.00
63351	UMIPP - Pocket Protector - Ultra-Mill Intermediate	\$25.00



**PCD Tipped ISO Inserts**

**PRICE LIST**

<b>Part #</b>	<b>Description</b>	<b>Tip Size</b>	<b>Top Rake</b>	<b>List Price</b>
41990-01	TCGW-21.51 4mm PCD	4.0MM	5 <sup>0</sup>	\$50.00
41990-02	TCGW-21.52 4mm PCD	4.0MM	5 <sup>0</sup>	\$50.00
41990-03	TCGW-32.51 4mm PCD	4.0MM	5 <sup>0</sup>	\$51.50
41990-04	TCGW-32.52 4mm PCD	4.0MM	5 <sup>0</sup>	\$51.50
41991-01	TPGW-21.51 4mm PCD	4.0MM	5 <sup>0</sup>	\$50.00
41991-02	TPGW-21.52 4mm PCD	4.0MM	5 <sup>0</sup>	\$50.00
41991-03	TPGW-32.51 4mm PCD	4.0MM	5 <sup>0</sup>	\$51.50
41991-04	TPGW-32.52 4mm PCD	4.0MM	5 <sup>0</sup>	\$51.50
41992-01	CCGW-21.51 4mm PCD	4.0MM	5 <sup>0</sup>	\$50.50
41992-02	CCGW-21.52 4mm PCD	4.0MM	5 <sup>0</sup>	\$50.50
41992-03	CCGW-32.51 4mm PCD	4.0MM	5 <sup>0</sup>	\$51.50
41993-04	CCGW-32.52 4mm PCD	4.0MM	5 <sup>0</sup>	\$51.50
41993-01	CPGW-21.51 4mm PCD	4.0MM	5 <sup>0</sup>	\$50.50
41993-02	CPGW-21.52 4mm PCD	4.0MM	5 <sup>0</sup>	\$50.50
41993-03	CPGW-32.51 4mm PCD	4.0MM	5 <sup>0</sup>	\$51.50
41993-04	CPGW-32.52 4mm PCD	4.0MM	5 <sup>0</sup>	\$51.50
41994-01	DCGW-21.51 4mm PCD	4.0MM	5 <sup>0</sup>	\$50.00
41994-02	DCGW-21.52 4mm PCD	4.0MM	5 <sup>0</sup>	\$50.00
41994-03	DCGW-32.51 4mm PCD	4.0MM	5 <sup>0</sup>	\$51.00
41994-04	DCGW-32.52 4mm PCD	4.0MM	5 <sup>0</sup>	\$51.00
41995-01	DPGW-21.51 4mm PCD	4.0MM	5 <sup>0</sup>	\$50.00
41995-02	DPGW-21.52 4mm PCD	4.0MM	5 <sup>0</sup>	\$50.00
41995-03	DPGW-32.51 4mm PCD	4.0MM	5 <sup>0</sup>	\$51.00
41995-04	DPGW-32.52 4mm PCD	4.0MM	5 <sup>0</sup>	\$51.00