

<b>System 3R USA</b>			
<b>2009 Price List</b>			
<b>Effective October 2008</b>			
<b>Part Number</b>	<b>Description</b>	<b>D/C</b>	<b>Price Price US \$</b>
3R-1.321-HS	Rotating Spindle - Mini - w/10 pcs. ER16 Collets: High Speed	S	<b>9,725.00</b>
3R-1.6S	Rotating Spindle Electric Drive - Submersible - for 20mm Shank or 3R-443	S	<b>12,880.00</b>
3R-3.321-2	Mini Indicator Spindle	S	<b>1,785.00</b>
3R-4.650	Macro Centering Microscope	S	<b>5,145.00</b>
3R-5.321	Mini Centering Scribe	S	<b>905.00</b>
3R-6	Magnetic Chuck w/Control (7-02)	S	<b>2,975.00</b>
3R-6.300-EHS16	Rotating spindle EHS16	S	<b>15,085.00</b>
3R-6.321-HS	Rotating Spindle - Macro to ER16 Collet Chuck - Electric Drive	S	<b>9,755.00</b>
3R-6.400-VS	Rotating Spindle Junior	S	<b>14,695.00</b>
3R-6.600-VHS	Rotating Spindle - Macro - Vert. / Horiz. / Submersible	S	<b>15,745.00</b>
3R-6.600-VS	Rotating Spindle - Macro - Vert. / Submersible	S	<b>14,695.00</b>
3R-6EX7	Magnetic Chuck only (less control)	S	<b>2,005.00</b>
3R-7-02	Magnetic Control Box	S	<b>970.00</b>
3R-10.600	Magnet (3R-6) to Macro Adapter (3R-600.24-S mounted to 3R-10)	S	<b>3,735.00</b>
3R-103	Flushing Set	S	<b>275.00</b>
3R-13.321	Electrode Holder - Square - mounted to 20mm Shank	S	<b>2,480.00</b>
3R-150/5	Cassettes - 5 hole - (set of 30)	S	<b>120.00</b>
3R-16.321	Mini Tilting Head (Excl. SP4531)	S	<b>2,625.00</b>
3R-16.600	Macro Tilting Head (Excl. SP4531)	S	<b>2,195.00</b>
3R-20-AEC	Mini Measuring Tool w/ 3mm Dia. Solid Straight Probe	S	<b>940.00</b>
3R-21-AEC-1	Mini Measuring Tool w/ 3mm Dia. Ball Probe	S	<b>1,865.00</b>
3R-23	Mini Control Rod	S	<b>510.00</b>
3R-27.2	Maxi Dovetail Quick Clamp Holder	S	<b>2,450.00</b>
3R-27.2-4	Maxi Chuck - Agie	S	<b>3,150.00</b>
3R-27.2-SP01	Maix Quick Clamp Holder	S	<b>2,770.00</b>
3R-27.4	Maxi Quick Clamp Holder - Indexing	S	<b>16,275.00</b>
3R-29	Maxi Dovetail Electrode Holder, un-hardened	S	<b>520.00</b>
3R-29.1	Maxi Dovetail Electrode Holder, un-hardened	S	<b>915.00</b>
3R-29.2	Maxi Dovetail Holder, hardened	S	<b>2,265.00</b>
3R-29.3	Maxi Electrode Pallet w/10mm 3Refix holes	S	<b>3,235.00</b>
3R-31.2	Mini Set	S	<b>8,195.00</b>

<b>System 3R USA</b>			
<b>2009 Price List</b>			
<b>Effective October 2008</b>			
<b>Part Number</b>	<b>Description</b>	<b>D/C</b>	<b>Price Price US \$</b>
3R-200.11J-7	Dovetail with Hardware for Specific Machine Bolt Pattern - 345mm Long	S	<b>1,035.00</b>
3R-200.19J-11	Dovetail with Hardware for Specific Machine Bolt Pattern - 198mm Long	S	<b>900.00</b>
3R-200.1J-11	Dovetail with Hardware for Specific Machine Bolt Pattern - 98mm Long	S	<b>775.00</b>
3R-200.1J-62	Dovetail - ICS-3R Adapter Base	S	<b>1,690.00</b>
3R-200.1J-STD	Dovetail with Hardware for Specific Machine Bolt Pattern - 120mm Long	S	<b>775.00</b>
3R-200.1J-U	Dovetail - Universal - 140mm Long	S	<b>800.00</b>
3R-200.24J-2	Dovetail with Hardware for Specific Machine Bolt Pattern - 245mm Long	S	<b>900.00</b>
3R-200.29J-1	Dovetail with Hardware for Specific Machine Bolt Pattern - 295mm Long	S	<b>900.00</b>
3R-200.29J-11	Dovetail with Hardware for Specific Machine Bolt Pattern - 298mm Long	S	<b>910.00</b>
3R-200.29J-2	Ref. Element 298MM/M8 50	S	<b>900.00</b>
3R-200.29J-7	Dovetail with Hardware for Specific Machine Bolt Pattern - 295mm Long	S	<b>900.00</b>
3R-200.2J-1	Dovetail with Hardware for Specific Machine Bolt Pattern - 209mm Long	S	<b>940.00</b>
3R-200.2J-11	Dovetail with Hardware for Specific Machine Bolt Pattern - 198mm Long	S	<b>940.00</b>
3R-200.2J-2	Dovetail with Hardware for Specific Machine Bolt Pattern - 209mm Long	S	<b>940.00</b>
3R-200.2J-4	Dovetail with Hardware for Specific Machine Bolt Pattern - 209mm Long	S	<b>940.00</b>
3R-200.2J-STD	Dovetail with Hardware for Specific Machine Bolt Pattern - 199mm Long	S	<b>960.00</b>
3R-200.39J-12	Dovetail with Hardware for Specific Machine Bolt Pattern - 370mm Long	S	<b>1,225.00</b>
3R-200.39J-2	Dovetail with Hardware for Specific Machine Bolt Pattern - 395mm Long	S	<b>1,225.00</b>
3R-200.3J	Dovetail BLANK - NO HOLES, 345mm Long	S	<b>1,035.00</b>
3R-200.3J-1	Dovetail with Hardware for Specific Machine Bolt Pattern - 345mm Long	S	<b>1,035.00</b>
3R-200.3J-11	Dovetail with Hardware for Specific Machine Bolt Pattern - 298mm Long	S	<b>1,035.00</b>
3R-200.3J-12	Dovetail with Hardware for Specific Machine Bolt Pattern - 345mm Long	S	<b>1,035.00</b>
3R-200.3J-2	Dovetail with Hardware for Specific Machine Bolt Pattern - 345mm Long	S	<b>1,035.00</b>
3R-200.3J-3	Dovetail with Hardware for Specific Machine Bolt Pattern - 345mm Long	S	<b>1,035.00</b>
3R-200.3J-4	Dovetail with Hardware for Specific Machine Bolt Pattern - 345mm Long	S	<b>1,035.00</b>
3R-200.3J-STD	Dovetail with Hardware for Specific Machine Bolt Pattern - 345mm Long	S	<b>1,035.00</b>
3R-200.44J-1	Dovetail with Hardware for Specific Machine Bolt Pattern - 445mm Long	S	<b>1,225.00</b>
3R-200.47J-2	Dovetail with Hardware for Specific Machine Bolt Pattern - 470mm Long	S	<b>1,275.00</b>
3R-200.49J-1	Dovetail with Hardware for Specific Machine Bolt Pattern - 495mm Long	S	<b>1,275.00</b>
3R-200.4J-1	Dovetail with Hardware for Specific Machine Bolt Pattern - 395mm Long	S	<b>1,225.00</b>
3R-200.4J-11	Dovetail with Hardware for Specific Machine Bolt Pattern - 398mm Long	S	<b>1,225.00</b>
3R-200.4J-2	Dovetail with Hardware for Specific Machine Bolt Pattern - 470mm Long	S	<b>1,345.00</b>
3R-200.4J-4	Dovetail with Hardware for Specific Machine Bolt Pattern - 445mm Long	S	<b>1,245.00</b>
3R-200.4J-STD	Dovetail with Hardware for Specific Machine Bolt Pattern - 270mm Long	S	<b>965.00</b>
3R-200.5J-11	Dovetail with Hardware for Specific Machine Bolt Pattern - 498mm Long	S	<b>1,470.00</b>
3R-200.5J-2	Dovetail with Hardware for Specific Machine Bolt Pattern - 570mm Long	S	<b>1,775.00</b>
3R-200.5J-STD	Dovetail with Hardware for Specific Machine Bolt Pattern - 382mm Long	S	<b>1,225.00</b>
3R-200.6J-1	Dovetail with Hardware for Specific Machine Bolt Pattern - 545mm Long	S	<b>1,470.00</b>
3R-200.6J-STD	Dovetail with Hardware for Specific Machine Bolt Pattern - 490mm Long	S	<b>1,310.00</b>
3R-200.7J-STD	Dovetail with Hardware for Specific Machine Bolt Pattern - 570mm Long	S	<b>1,595.00</b>

<b>System 3R USA</b>			
<b>2009 Price List</b>			
<b>Effective October 2008</b>			
<b>Part Number</b>	<b>Description</b>	<b>D/C</b>	<b>Price Price US \$</b>
3R-201.5	Angle Shelf	S	1,765.00
3R-201J	WEDM Horizontal to Vertical Converter, J-style	S	2,035.00
3R-202	WEDM - Mini Block, Stainless	S	3,815.00
3R-203	WEDM Swivel Base	S	3,645.00
3R-203.6	Swivel - Macro to Macro	S	6,810.00
3R-204	WEDM Vertical Spacer	S	2,025.00
3R-205.2	WEDM Workpiece Holder, un-hardened	S	1,030.00
3R-206.10	WEDM Control Tool w/ pick-up hole	S	2,030.00
3R-207.6	V-Block	S	1,725.00
3R-208.6	Macro WEDM V-Block complete	S	2,735.00
3R-209B	Low Cost Ruler length 595 mm	S	2,965.00
3R-209C	Low Cost Ruler length 860 mm	S	3,275.00
3R-213.4K	Mini Supervise mounted on 20mm Shank w/Torque Wrench	S	2,750.00
3R-215	Mini Centering Ball on 20mm Shank	S	1,270.00
3R-216	WEDM Sine Bar	S	3,965.00
3R-216.6	Macro Sine Ruler 50mm	S	3,505.00
3R-217-1K	Macro Indexing Block w/3R-SP6435 Dovetail, Stainless	S	14,175.00
3R-218/20	3P Set - 3 Jaws 25mm	S	8,000.00
3R-218S	3P Set	S	3,590.00
3R-220.3	Wire Alignment Guide for Mitsubishi	S	3,240.00
3R-222.1	WEDM / Mini Chuck	S	1,420.00
3R-222.2	WEDM to Mini 90 Degree Holder	S	3,510.00
3R-223	WEDM 30mm Parallel Adapter	S	1,980.00
3R-223.3	WEDM Long Spacer Element, 140mm	S	2,480.00
3R-224	WEDM Parallel Adapter 30mm, 90 Degree	S	2,225.00
3R-225	WEDM Movable End Stop	S	910.00
3R-225.1	WEDM Economy End Stop	S	72.00
3R-225.2	WEDM End Stop - 3Ruler	S	830.00
3R-226.4	WEDM Fixed Mounting Head	S	2,135.00
3R-226.6	Macro Angle Holder	S	1,665.00
3R-228.1	Presetting Station - Universal - Without Chuck or Dovetail	S	10,670.00
3R-228J	Preset Block w/ Separate Zero-Line Block (2 separate blocks)	S	2,225.00
3R-228S	Preset Riser - Block Only	S	5,785.00
3R-230.1	WEDM Clamp Kit w/6mm bolts	S	980.00
3R-230.3	WEDM 1D Clamping Kit for Mitsubishi	S	415.00
3R-232.8	WEDM Super Vise	S	4,725.00
3R-232.8K	WEDM Super Vise w/Torque Wrench	S	4,725.00
3R-232S	Table Levelling Head	S	1,675.00
3R-237.1	WEDM Do-It-Yourself Holder	S	920.00
3R-237.2	WEDM Do-It-Yourself Holder	S	1,010.00
3R-239.1	WEDM 3Ruler Vise Attachment	S	2,635.00
3R-239.11	WEDM 3Ruler Double Vise Attachment	S	4,025.00
3R-239.11K	WEDM 3Ruler Double Vise Attachment w/Torque Wrench	S	4,025.00
3R-239.1K	WEDM 3Ruler Vise Attachment w/Torque Wrench	S	2,635.00
3R-239.2	WEDM 3Ruler Edge Clamp Set	S	2,345.00
3R-239.20	WEDM 3Ruler Accessory Kit	S	5,555.00
3R-239.21	WEDM Support Tabs 3.5mm thick (set of 2)	S	305.00
3R-239.22	WEDM Support Tabs 5mm thick (set of 2)	S	305.00

<b>System 3R USA</b>			
<b>2009 Price List</b>			
<b>Effective October 2008</b>			
<b>Part Number</b>	<b>Description</b>	<b>D/C</b>	<b>Price Price US \$</b>
3R-239.23	WEDM 3Ruler Leveling Shims for 60mm wide 3Ruler (set of 2)	S	<b>1,060.00</b>
3R-239.24	WEDM 3Ruler Lo-Profile Clamps (set of 2)	S	<b>530.00</b>
3R-239.25	WEDM 3Ruler Leveling Shims for 86mm wide 3Ruler (set of 2)	S	<b>1,060.00</b>
3R-239.3	WEDM 3Ruler Vee Attachment	S	<b>1,565.00</b>
3R-239-295	3Ruler 295mm Long with Support Tabs, Toe Clamps, End Clamps and Hardware	S	<b>4,610.00</b>
3R-239-310	3Ruler 310mm Long with Support Tabs, Toe Clamps, End Clamps and Hardware	S	<b>4,955.00</b>
3R-239-315	3Ruler 315mm Long with Support Tabs, Toe Clamps, End Clamps and Hardware	S	<b>4,955.00</b>
3R-239-345	3Ruler 345mm Long with Support Tabs, Toe Clamps, End Clamps and Hardware	S	<b>5,315.00</b>
3R-239-365	3Ruler 365mm Long with Support Tabs, Toe Clamps, End Clamps and Hardware	S	<b>5,335.00</b>
3R-239-385	3Ruler 385mm Long with Support Tabs, Toe Clamps, End Clamps and Hardware	S	<b>5,370.00</b>
3R-239-395	3Ruler 395mm Long with Support Tabs, Toe Clamps, End Clamps and Hardware	S	<b>5,370.00</b>
3R-239-410	3Ruler 410mm Long with Support Tabs, Toe Clamps, End Clamps and Hardware	S	<b>5,390.00</b>
3R-239-415	3Ruler 415mm Long with Support Tabs, Toe Clamps, End Clamps and Hardware	S	<b>5,390.00</b>
3R-239-420	3Ruler 420mm Long with Support Tabs, Toe Clamps, End Clamps and Hardware	S	<b>5,390.00</b>
3R-239-425	3Ruler 425mm Long with Support Tabs, Toe Clamps, End Clamps and Hardware	S	<b>5,390.00</b>
3R-239-435	3Ruler 435mm Long with Support Tabs, Toe Clamps, End Clamps and Hardware	S	<b>5,390.00</b>
3R-239-445	3Ruler 445mm Long with Support Tabs, Toe Clamps, End Clamps and Hardware	S	<b>5,460.00</b>
3R-239-455	3Ruler 455mm Long with Support Tabs, Toe Clamps, End Clamps and Hardware	S	<b>5,460.00</b>
3R-239-495	3Ruler 495mm Long with Support Tabs, Toe Clamps, End Clamps and Hardware	S	<b>5,505.00</b>
3R-239-515	3Ruler 515mm Long with Support Tabs, Toe Clamps, End Clamps and Hardware	S	<b>5,805.00</b>
3R-239-520	3Ruler 520mm Long with Support Tabs, Toe Clamps, End Clamps and Hardware	S	<b>5,930.00</b>
3R-239-535	3Ruler 535mm Long with Support Tabs, Toe Clamps, End Clamps and Hardware	S	<b>5,930.00</b>
3R-239-545	3Ruler 545mm Long with Support Tabs, Toe Clamps, End Clamps and Hardware	S	<b>6,310.00</b>
3R-239-545.86	3Ruler 545mm Long HD with Support Tabs, Toe Clamps, End Clamps and Hardware	S	<b>6,310.00</b>
3R-239-565	3Ruler 565mm Long with Support Tabs, Toe Clamps, End Clamps and Hardware	S	<b>6,190.00</b>
3R-239-575	3Ruler 575mm Long with Support Tabs, Toe Clamps, End Clamps and Hardware	S	<b>6,260.00</b>
3R-239-595	3Ruler 595mm Long with Support Tabs, Toe Clamps, End Clamps and Hardware	S	<b>6,600.00</b>
3R-239-595.86	3Ruler 595mm Long HD with Support Tabs, Toe Clamps, End Clamps and Hardware	S	<b>6,600.00</b>
3R-239-615	3Ruler 615mm Long with Support Tabs, Toe Clamps, End Clamps and Hardware	S	<b>6,750.00</b>
3R-239-615.86	3Ruler 615mm Long HD with Support Tabs, Toe Clamps, End Clamps and Hardware	S	<b>6,750.00</b>
3R-239-645	3Ruler 645mm Long with Support Tabs, Toe Clamps, End Clamps and Hardware	S	<b>6,930.00</b>
3R-239-665.86	3Ruler 665mm Long HD with Support Tabs, Toe Clamps, End Clamps and Hardware	S	<b>7,280.00</b>
3R-239-675.86	3Ruler 675mm Long HD with Support Tabs, Toe Clamps, End Clamps and Hardware	S	<b>7,420.00</b>
3R-239-695.86	3Ruler 695 mm long with Support Tabs, Toe Clamps, End Clamps and Hardware	S	<b>5,585.00</b>
3R-239-730.86	3Ruler 730mm Long HD with Support Tabs, Toe Clamps, End Clamps and Hardware	S	<b>7,420.00</b>
3R-239-745.86	3Ruler 745mm Long HD with Support Tabs, Toe Clamps, End Clamps and Hardware	S	<b>7,420.00</b>
3R-239-795.86	3Ruler 795mm Long HD with Support Tabs, Toe Clamps, End Clamps and Hardware	S	<b>7,845.00</b>
3R-239-820.86	3Ruler 820mm Long HD with Support Tabs, Toe Clamps, End Clamps and Hardware	S	<b>8,505.00</b>
3R-239-835.86	3Ruler 835mm Long HD with Support Tabs, Toe Clamps, End Clamps and Hardware	S	<b>8,670.00</b>
3R-239-865.86	3Ruler 865mm Long HD with Support Tabs, Toe Clamps, End Clamps and Hardware	S	<b>9,005.00</b>
3R-239-875.86	3Ruler 875 mm long with Support Tabs, Toe Clamps, End Clamps and Hardware	S	<b>7,685.00</b>
3R-239-915.86	3Ruler 915mm Long HD with Support Tabs, Toe Clamps, End Clamps and Hardware	S	<b>9,890.00</b>
3R-239-950.86	3Ruler 950mm Long HD with Support Tabs, Toe Clamps, End Clamps and Hardware	S	<b>9,890.00</b>
3R-239-xxx-D	3Ruler Double Sided with Support Tabs, Toe Clamps, End Clamps and Hardware	S	<b>Upon Request</b>

<b>System 3R USA</b>			
<b>2009 Price List</b>			
<b>Effective October 2008</b>			
<b>Part Number</b>	<b>Description</b>	<b>D/C</b>	<b>Price Price US \$</b>
3R-242.82HP-K	WEDM 3Ruler Vise Package - HP - 1)272HP, 1)292.66HP, 1)239.1, 1) Torque Wrench	S	<b>6,825.00</b>
3R-242HP	WEDM 2D Kit	S	<b>11,445.00</b>
3R-242S-1	Table Levelling Head User Kit	S	<b>2,705.00</b>
3R-242S-2	Table Levelling Head User Kit	S	<b>3,280.00</b>
3R-242S-3	Table Levelling Head User Kit	S	<b>4,015.00</b>
3R-242S-4	Macro Starter Kit, S	S	<b>6,750.00</b>
3R-243.2-1	WEDM Macro Kit	S	<b>6,305.00</b>
3R-252.1	WEDM Quick Clamp Holder, Stainless	S	<b>3,070.00</b>
3R-261	WEDM Sliding Adjustable Holder	S	<b>4,015.00</b>
3R-261.1	WEDM Sliding Support Clamp	S	<b>915.00</b>
3R-262.6	Vertical Levelling Head	S	<b>2,865.00</b>
3R-262HP	WEDM Leveling Head for Automatic Changing - HP Style	S	<b>3,360.00</b>
3R-US266.1	WEDM / Macro Fixed Head	S	<b>1,910.00</b>
3R-266.12HP	WEDM Fixed Head - Twin - HP Style	S	<b>3,440.00</b>
3R-266.4	WEDM Fixed Head with HP Interface	S	<b>1,795.00</b>
3R-266.5	Entry Fixed Macro Holder	S	<b>1,295.00</b>
3R-272	Levelling Head Old Style	S	<b>3,485.00</b>
3R-272HP	WEDM Leveling Head - J Type - HP Style	S	<b>2,425.00</b>
3R-282.12HP	WEDM Leveling Head for Twin Chuck - HP Style	S	<b>5,955.00</b>
3R-292.1	WEDM Supervise Lo-Profile 0 - 3"	S	<b>2,925.00</b>
3R-US292.1K	WEDM Supervise Lo-Profile 0 - 3" with Torque Wrench	S	<b>2,925.00</b>
3R-292.2	Super vice 10 mm Thick 100 mm opening	S	<b>2,890.00</b>
3R-292.23	WEDM Angle Holder for Leveling/Fixed Heads	S	<b>4,080.00</b>
3R-292.3	WEDM 0-4" Supervise	S	<b>3,180.00</b>
3R-292.3K	WEDM 0-4" Supervise with torque wrench	S	<b>3,180.00</b>
3R-US292.3K	WEDM 0-4" Supervise w/ Torque Wrench	S	<b>3,180.00</b>
3R-US292.3-6IN	WEDM Supervise 0 - 6" Opening	S	<b>3,830.00</b>
3R-US292.3-8IN	WEDM Supervise 0 - 8" Opening	S	<b>4,140.00</b>
3R-292.31	WEDM Supervise 0 - 4" - No Cutouts in Jaw	S	<b>3,180.00</b>
3R-292.31K	WEDM Supervise 0 - 4" - No Cutouts in Jaw - w/ Torque Wrench	S	<b>3,180.00</b>
3R-292.3S	WEDM Universal Holder - Simple	S	<b>1,660.00</b>
3R-292.61HP	WEDM Supervise 0-6" Magnum - HP - No Cutouts in Jaw	S	<b>4,950.00</b>
3R-US292.61HP-K	WEDM Supervise 0-6" Magnum w/Torque Wrench - HP - No Cutouts in Jaw	S	<b>4,950.00</b>
3R-292.66HP	WEDM 3Ruler Plate - HP Style	S	<b>3,035.00</b>
3R-292.66-L	WEDM Angle Vise w/ Mounting Holes for 3Ruler Accessories	S	<b>3,620.00</b>
3R-292.66-LB	WEDM Angle Vise w/ Blank Face	S	<b>3,030.00</b>
3R-292.66-L-HP	WEDM 3Ruler Angle Vise - Magnum - HP	S	<b>5,980.00</b>
3R-292.6-8HP	WEDM Supervise 0-8" Magnum HP Style	S	<b>6,570.00</b>
3R-292.6HP	Magnum Vice HP	S	<b>4,950.00</b>
3R-292.6HP-K	WEDM Supervise 0-6" Magnum w/Torque Wrench - HP Style	S	<b>4,950.00</b>
3R-US292.66HP-K	WEDM 3Ruler Vise - Magnum - HP Style (292.66HP, 239.1, Torque Wrench)	S	<b>3,035.00</b>
3R-292.6S	WEDM Magnum "S" Vise	S	<b>3,580.00</b>
3R-293.3	WEDM Vise - Rounds - "Lobster Claw"	S	<b>4,150.00</b>
3R-293.33	WEDM Vise - Universal Holder - Rounds & Squares	S	<b>3,575.00</b>
3R-293.66HP	WEDM Vise - Universal Holder - Rounds & Squares - Magnum - HP Style	S	<b>5,530.00</b>
3R-293.6HP	WEDM Vise - Rounds - "Lobster Claw" - Magnum - HP Style	S	<b>6,720.00</b>
3R-294	WEDM Mounting Adapter to convert 294.2 & 294.4 to Leveling Head	S	<b>905.00</b>
3R-294.1	WEDM Vise Pallet	S	<b>2,180.00</b>

<b>System 3R USA</b>			
<b>2009 Price List</b>			
<b>Effective October 2008</b>			
<b>Part Number</b>	<b>Description</b>	<b>D/C</b>	<b>Price Price US \$</b>
3R-294.2	WEDM Vise - Vertical for 3Ruler – 0 to 50mm	S	<b>2,860.00</b>
3R-294.3	WEDM Vise - Edge Clamp	S	<b>1,685.00</b>
3R-294.4K	WEDM Vise – Vertical - 0 to 1" with Torque Wrench	S	<b>2,530.00</b>
3R-294.5K	WEDM Vise - Vertical – 0 to 3" with Torque Wrench	S	<b>3,455.00</b>
3R-294.6	WEDM Vise - 4-Position Rounds for 3Rulers (5mm to 13mm Dia.)	S	<b>1,475.00</b>

<b>System 3R USA</b>			
<b>2009 Price List</b>			
<b>Effective October 2008</b>			
<b>Part Number</b>	<b>Description</b>	<b>D/C</b>	<b>Price Price US \$</b>
3R-US021	WEDM Presetting Station 12 x 8 x 4	S	<b>1,990.00</b>
3R-US030	Lista Storage Cabinet w/Butcher block top	S	<b>1,990.00</b>
3R-US050	WEDM Presetting Station 28 x 28 x 4	S	<b>7,620.00</b>
3R-US060	WEDM Dovetail Presetting Station 28 x 28 x 4 - Includes Lista Storage Cabinet	S	<b>9,610.00</b>
3R-US060-A	WEDM / Macro Presetting Station 28 x 28 x 4 - Includes Lista Storage Cabinet	S	<b>13,955.00</b>
3R-US065	WEDM/Macro Presetting Station with 2 Automatic Chuck 602.10	S	<b>5,965.00</b>
3R-US065M-L	WEDM/Macro Presetting Station with Manual Chuck 602.27	S	<b>4,910.00</b>
3R-US3795	Form Tool Vise - 1" Thick	S	<b>4,325.00</b>
3R-301	Mini Accu-Clips for use on 3R-322/XXX (set of 10)	S	<b>120.00</b>
3R-310.3	Mini Electrode Holder w/ 3Refix Dowel Holes	S	<b>2,075.00</b>
3R-310.460	Combi Manual Chuck on Mini Shank (D-40012)	S	<b>4,085.00</b>
3R-310.460-CONV	Combi Manual Chuck on Mini Shank (D-40011)	S	<b>4,575.00</b>
3R-310E	Mini Electrode Holder 50mm Flanged (set of 2)	S	<b>210.00</b>
3R-310EE	Mini Electrode Hodler 50mm Flanged (set of 10)	S	<b>1,040.00</b>
3R-311.2	Mini Collet Holder only (ER20)	S	<b>980.00</b>
3R-311.2-00	Mini Collet Holder Kit, complete w/12 pcs. ER20 Collets	S	<b>2,870.00</b>
3R-311.3	Mini Collet Holder only (ER16)	S	<b>1,000.00</b>
3R-311.3-00	Mini Collet Holder Kit, complete w/10 pcs. ER16 Collets	S	<b>2,580.00</b>
3R-311.4	Mini Tubing Chuck (0" - .125") mounted on 20mm Shank	S	<b>1,465.00</b>
3R-314.2	Mini Control Rule	S	<b>1,445.00</b>
3R-321.2-4X90	Mini Chuck for taper application	S	<b>1,745.00</b>
3R-321.4	Mini 3R Block	S	<b>10,450.00</b>
3R-321.46	Mini Block	S	<b>2,225.00</b>
3R-321.5	Mini Chuck for direct mounting to EDM	S	<b>1,760.00</b>
3R-321-4X90	Mini Chuck for use on Magnet (3R-6)	S	<b>2,000.00</b>
3R-321-EXH-SP03	Measuring Tool 3mm Ball	S	<b>790.00</b>
3R-321-EXH-SP05	Measuring Tool 5mm Ball	S	<b>790.00</b>
3R-321-EXH-SP06	Measuring Tool 6mm Ball	S	<b>790.00</b>
3R-321-EXH-SP10	Measuring Tool 10mm Ball	S	<b>790.00</b>
3R-322/100	Mini Electrode Holder 100mm (set of 10)	S	<b>530.00</b>
3R-322/25S	Mini Electrode Holder 25mm - Simplex - MANUAL CHUCKS (set of 30)	S	<b>550.00</b>
3R-322/25S-10	Mini Electrode Holder 25mm - Simplex - MANUAL CHUCKS (set of 10)	S	<b>190.00</b>
3R-322/50	Mini Electrode Holder 50mm for AEC (set of 10)	S	<b>250.00</b>
3R-322/50E	Mini Electrode Holder 50mm for AEC (set of 30)	S	<b>750.00</b>
3R-322/50S	Mini Electrode Holder 50mm - Simplex - MANUAL CHUCKS (set of 30)	S	<b>590.00</b>
3R-322/50S-10	Mini Electrode Holder 25mm - Simplex - MANUAL CHUCKS (set of 10)	S	<b>200.00</b>
3R-333-03	Wrench 3mm Hex "T" Handle (set of 10)	S	<b>68.00</b>
3R-333-03S	Wrench 3mm Hex "T" Handle - (1 pc)	S	<b>7.00</b>
3R-333-05	Wrench 5mm Hex "T" Handle (set of 10)	S	<b>68.00</b>
3R-333-05S	Wrench 5mm Hex "T" Handle (1 pc)	S	<b>7.00</b>
3R-333-T20	Wrench Torx "T" for Junior Screws (P14.5 & MFT type)	S	<b>23.00</b>

<b>System 3R USA</b>			
<b>2009 Price List</b>			
<b>Effective October 2008</b>			
<b>Part Number</b>	<b>Description</b>	<b>D/C</b>	<b>Price Price US \$</b>
3R-US400.3	Junior Measuring Probe w/ 3mm Ball	S	1,260.00
3R-US400.5	Junior Measuring Probe w/ 5mm Ball	S	1,260.00
3R-400.24-11	Jr. Chuck - Manual (Uses 405.11)	S	1,560.00
3R-400.32	Jr. Chuck - Manual Lathe (Uses 405.11)	S	2,395.00
3R-400.34	Jr. Chuck - Manual(Uses 405.11)	S	1,560.00
3R-400-A01	Adapter - ITS to Manual Jr.	S	2,250.00
3R-402.1	WEDM Jr. Manual Chuck	S	2,170.00
3R-403	Soldering Kit	S	170.00
3R-404-25	Soldering Kit for Jr	S	160.00
3R-405	Flushing Kit	S	1,065.00
3R-405.11	Drawbar - Jr. for Automatic changing	S	79.00
3R-405.11E	Drawbar - Jr. for Automatic changing (set of 10)	S	740.00
3R-405.16	Drawbar - Macro in Combi Chuck (1 pc)	S	115.00
3R-405.16E	Drawbar - Macro in Combi Chuck (set of 10)	S	1,125.00
3R-405.21RS	Drawbar - Jr. Old Style Manual Chuck - Stainless (1 pc)	S	105.00
3R-406	Magnetic Base for Flush Kit	S	415.00
3R-406.11	Jr. Control Rule (60mm height)	S	1,650.00
3R-406.23	Jr. Control Rod	S	1,635.00
3R-406.9	Macro to Jr. 90 Degree adapter	S	2,920.00
3R-410.1-M	Junior Chuck - AEC	S	2,880.00
3R-410.31-5	Jr. Machining Block - 5 Reference Sides (Uses 405.11)	S	3,415.00
3R-US411.4	Jr. Electrode Holder - Tubing Chuck	S	1,480.00
3R-418.1	Magazine Fork Combi	S	350.00
3R-418.11-AG11	Magazine Fork Jr - Agie	S	350.00
3R-418.11-AG21	Fork - Agie Linear ATC	S	380.00
3R-418.11-CT11	CT Linear ATC Fork	S	355.00
3R-418.11-CT21	CT Linear ATC Fork	S	400.00
3R-418.42-1	Grip Claw - CT RFO	S	1,380.00
3R-418.43	Magazine Fork Kit - 21 pcs.	S	5,350.00
3R-418.44-1	Magazine Fork Kit - 16 pcs.	S	4,055.00
3R-422.2	WEDM to Junior Adapter	S	2,810.00
3R-428.42	Holder Combie Agie	S	275.00
3R-443AEC	Mini to Jr. Side Clamp Chuck	S	1,865.00
3R-446.11	Macro to Jr. Manual Chuck - Side Clamp (Uses 405.11)	S	2,095.00
3R-460.1-1	Combi Chuck - Automatic - less control	S	6,195.00
3R-460.31-5	Combi Machining Block - 5 Reference Sides	S	3,485.00
3R-460.32	Combi Chuck - Lathe	S	2,785.00
3R-460.34	Combi Chuck - Manual	S	2,155.00
3R-460.37	Combi Chuck - Manual Table	S	3,370.00
3R-460.46	Combi Chuck Automatic Table	S	6,535.00
3R-460.83-1	Combi Chuck Automatic	S	5,460.00
3R-460.83-2	Combi Chuck Auto Turbo	S	5,460.00
3R-460.86-1	Combi Chuck Automatic	S	5,460.00
3R-460.86-2	Combi Chuck Automatic	S	5,460.00
3R-460.86-2.9	Combi Chuck Automatic	S	5,460.00
3R-460.87-1	Combi Chuck Automatic	S	5,460.00
3R-460.EX8-1	Combi Chuck Automatic	S	5,460.00
3R-461.1E-GA	Jr. Electrode Holder for 3R-491E (set of 30)	S	505.00

<b>System 3R USA</b>			
<b>2009 Price List</b>			
<b>Effective October 2008</b>			
<b>Part Number</b>	<b>Description</b>	<b>D/C</b>	<b>Price Price US \$</b>
3R-463/5033	Mini to Jr. Electrode Holder 50mm long	S	<b>845.00</b>
3R-465.1E-A	Jr. Electrode Blanks for 3R-491E (set of 30)	S	<b>505.00</b>
3R-465-L	Jr. Electrode Holder Slotted (1 pc.)	S	<b>220.00</b>
3R-465-LE	Jr. Electrode Holder Slotted (set of 5)	S	<b>955.00</b>
3R-465-V	Jr. Electrode Holder "V" (1 pc.)	S	<b>220.00</b>
3R-465-VE	Jr. Electrode Holder "V" (set of 5)	S	<b>955.00</b>
3R-466.10033	Macro to Jr. Chuck - Manual - rear clamp 100mm high	S	<b>1,695.00</b>
3R-466.15033	Macro to Jr. Chuck - Manual - rear clamp 150mm high	S	<b>2,325.00</b>
3R-466.4033	Macro to Jr. Chuck - Manual - w/support ring - rear clamp 40mm high	S	<b>1,690.00</b>
3R-466.4033-S	Macro to Jr. Chuck - Manual - rear clamp 40mm high	S	<b>1,210.00</b>
3R-466.4033-XS	Macro to Jr. Adapter (R2R Holder to remain on adapter throughout job)	S	<b>800.00</b>
3R-466.40RS	Macro to Jr. Chuck - Manual - Stainless - rear clamp 40mm	S	<b>1,915.00</b>
3R-467.9-1	Jr. to Jr. Adapter - 90 degree - 32mm chuck	S	<b>3,325.00</b>
3R-468.31-S	Combi Starter Package	S	<b>6,855.00</b>
3R-469-10	Jr. Collet Holder - ETS10 collets	S	<b>780.00</b>
3R-469-16	Jr. Collet Holder - ER16 Collets	S	<b>780.00</b>
3R-491E	Jr. Electrode Holder Coin-Floating Drawbar Type	S	<b>365.00</b>
3R-491E-HP	Jr. Electrode Holder w/top & bottom ground (set of 30)	S	<b>1,785.00</b>
3R-491E-MONDO	Jr. Electrode Holder-Coin-Floating Drawbar Type - Mondo with Shuttle	S	<b>420.00</b>
3R-494-32x22x50	R2R Copper - 32mm X 22mm X 50mm (set of 10)	C	<b>360.00</b>
3R-494-40x22x50	R2R Copper - 40mm X 22mm X 50mm (set of 10)	C	<b>405.00</b>
3R-494-D10x50	R2R Copper - 10mm Dia. X 50mm Long (set of 10)	C	<b>290.00</b>
3R-494-D12X50	R2R Copper - 12mm Dia. X 50mm Long (set of 10)	C	<b>290.00</b>
3R-494-D16X50	R2R Copper - 16mm Dia. X 50mm Long (set of 10)	C	<b>320.00</b>
3R-494-D22X50	R2R Copper - 22mm Dia. X 50mm Long (set of 10)	C	<b>320.00</b>
3R-494-D26X50	R2R Copper - 26mm Dia. X 50mm Long (set of 10)	C	<b>345.00</b>
3R-494-D32X50	R2R Copper - 32mm Dia. X 50mm Long (set of 10)	C	<b>360.00</b>
3R-494-D40X50	R2R Copper - 40mm Dia. X 50mm Long (set of 10)	C	<b>405.00</b>
3R-494-D50X50	R2R Copper - 50mm Dia. X 50mm Long (set of 10)	C	<b>435.00</b>
3R-494-S12X50	R2R Copper - 12mm X 12mm X 50mm (set of 10)	C	<b>290.00</b>
3R-494-S22X50	R2R Copper - 22mm X 22mm X 50mm (set of 10)	C	<b>320.00</b>
3R-494-S26X50	R2R Copper - 26mm X 26mm X 50mm (set of 10)	C	<b>350.00</b>
3R-494-S32X50	R2R Copper - 32mm X 32mm X 50mm (set of 10)	C	<b>355.00</b>
3R-494-S40X50	R2R Copper - 40mm X 40mm X 50mm (set of 10)	C	<b>405.00</b>

<b>System 3R USA</b>			
<b>2009 Price List</b>			
<b>Effective October 2008</b>			
<b>Part Number</b>	<b>Description</b>	<b>D/C</b>	<b>Price Price US \$</b>
3R-600.1	Macro Chuck Automatic - Less Control	S	5,315.00
3R-600.10-30	Macro Table Chuck Auto/for air gun	S	3,995.00
3R-600.1-30	New Macro HP Universal Chuck	S	4,150.00
3R-US600.3	Macro Measuring Probe w/ 3mm Ball	S	2,100.00
3R-US600.5	Macro Measuring Probe w/ 5mm Ball	S	2,100.00
3R-600.17-10	Macro Press Chuck 10-Ton - Automatic	S	5,525.00
3R-600.17-20	Macro Press Chuck 20 Ton - Automatic	S	5,955.00
3R-600.17-50	Macro Press Chuck 50 Ton - Automatic	S	6,820.00
3R-600.19	Macro Chuck Automatic w/3Refix - Less Control	S	7,555.00
3R-600.20	Macro Chuck Manual	S	5,245.00
3R-600.22	Macro Chuck - Manual - Lathe	S	2,645.00
3R-600.23-S	Macro Chuck w/Flange - for use w/ Orbitor	S	2,130.00
3R-600.24-4RS	Macro Chuck - Manual - Stainless	S	2,360.00
3R-600.24-S	Macro Chuck - Manual (may require A11489 universal adapter)	S	1,780.00
3R-600.25	Macro Chuck - Manual - Indexing	S	7,340.00
3R-600.27-10	Macro Press Chuck 10 Ton - Maunal	S	2,170.00
3R-600.27-20	Macro Press Chuck 20 Ton - Manual	S	2,600.00
3R-600.27-50	Macro Press Chuck 50 Ton - Manual	S	3,465.00
3R-600.28-S	Macro Chuck - Manual Dia. 100 mm (may require Axxxxx universal adapter)	S	1,950.00
3R-600.29	Macro Chuck - Manual w/3Refix	S	6,910.00
3R-600.83	Macro Chuck - Automatic - Built-in (Charmilles)	S	4,390.00
3R-600.83-10	Macro Chuck - Automatic - Built-in (Charmilles)	S	3,545.00
3R-600.84-1	Macro Chuck - Automatic - Built-in w/turbolock (Agie)	S	4,390.00
3R-600.84-20	Macro Chuck - Automatic - Built-in w/turbolock (Agie)	S	3,545.00
3R-600.84-30	New Macro HP Round Spindle Chuck	S	3,545.00
3R-600.86	Macro Chuck - Automatic - Built-in (Sodick/Makino/Ingersoll)	S	4,515.00
3R-600.86-1	Macro Chuck - Automatic - Built-in (Ingersoll)	S	4,790.00
3R-600.86-2	Macro Chuck - Automatic - Built-in w/turbolock	S	4,515.00
3R-600.86-20	Macro Chuck - Automatic - Built-in w/turbolock	S	3,545.00
3R-600.86-30	New Macro HP Square Spindle Chuck	S	3,545.00
3R-600.86-30PF	Macro Chuck Aut/Makino Pressure Flushing	S	3,545.00
3R-600.EX8	Macro Chuck - Automatic - Built-in (Mitsubishi)	S	4,350.00
3R-601.116-P	Macro Electrode Holder 116mm (hardened)	S	670.00
3R-601.116-PA	Macro Electrode Holder 116mm (unhardened) for auto changing	S	845.00
3R-601.1E-P	Macro Electrode Holder Cast 70 x 70mm (set of 5)	S	1,340.00
3R-601.3	Macro Electorde Holder w/10mm 3Refix holes	S	1,290.00
3R-601.52	Macro Electrode Holder 116mm w/10mm 3Refix	S	1,885.00
3R-601.7E-P	Macro Electrode Holder 70 x 70mm (set of 5)	S	840.00
3R-601.7-P	Macro Electrode Holder 70 x 70mm (Single Pc.)	S	170.00
3R-602	WEDM - Macro to WEDM Adapter	S	2,370.00
3R-602.10	WEDM/Macro Chuck - Automatic	S	3,595.00
3R-602.10HP	WEDM/Macro Chuck - Auto - HP includes 3R-605.10	S	3,495.00
3R-602.10HP-K	WEDM/Macro Chuck - Auto - HP includes 3R-605.10 (w/3R-611.1-USA)	S	3,495.00
3R-602.10K	WEDM/Macro Chuck - Automatic - w/control (3R-611.1 USA)	S	3,595.00
3R-602.12	WEDM/Macro Chuck - Automatic - Twin	S	6,435.00
3R-602.12HP	Macro HP Twin Chuck	S	5,480.00
3R-602.12K	WEDM/Macro Chuck - Automatic - Twin - w/ control (3R-611.1-USA)	S	6,435.00
3R-602.26	Macro WEDM Table chuck W/side screw	S	1,850.00

<b>System 3R USA</b>			
<b>2009 Price List</b>			
<b>Effective October 2008</b>			
<b>Part Number</b>	<b>Description</b>	<b>D/C</b>	<b>Price Price US \$</b>
3R-602.27	WEDM/Macro Chuck - Manual - Lever Operated w/605.27RS	S	<b>2,475.00</b>
3R-602.27-1	WEDM/Vertical Macro Lever Chuck - w/605.27RS	S	<b>2,690.00</b>
3R-602.4.1	Macro Chuck - Automatic - Vertical	S	<b>5,545.00</b>
3R-602.44	WEDM Indexer – Macro 90 Degree Automatic	S	<b>24,100.00</b>
3R-603.9	Macro to Mini Chuck - 90 Degree	S	<b>3,495.00</b>
3R-605.1	Drawbar - Macro for Automatic Chuck	S	<b>82.00</b>
3R-605.10	Drawbar - Macro for 3R-602.10	S	<b>125.00</b>
3R-605.11	Drawbar - Macro w/10.2mm Hole - 2 pcs (U-40137)	S	<b>285.00</b>
3R-605.1E	Drawbar - Macro for Automatic Chuck (set of 10)	S	<b>815.00</b>
3R-605.1RS	Drawbar - Macro for Automatic chuck stainless steel	S	<b>215.00</b>
3R-605.2	Drawbar - Macro for Manual Chuck (single piece)	S	<b>82.00</b>
3R-605.26	Drawbar for 3R-602.26	S	<b>155.00</b>
3R-605.27RS	Drawbar - Macro/WEDM Lever Chuck (602.27)	S	<b>160.00</b>
3R-605.2E	Drawbar - Macro for Manual Chuck (set of 5)	S	<b>395.00</b>
3R-605.2RS	Drawbar - Macro for 3R-602.21 - Stainless	S	<b>165.00</b>
3R-605.4E	Solid Drawbar Non AEC Set 10Pcs	S	<b>585.00</b>
3R-605.5RS	Drawbar – Macro w/M6 Thread (Type used in 622.2)	S	<b>170.00</b>
3R-605-GE	Drawbar Tool to Loosen Clip (set of 2)	S	<b>26.00</b>
3R-606	Macro Control Rod	S	<b>2,010.00</b>
3R-606.1	Macro Control Rule w/20mm reference hole	S	<b>1,770.00</b>
3R-606.2	Macro Control Rod w/Off Set Measurements	S	<b>1,980.00</b>
3R-607.1	Macro Chuck - Automatic - mounted to 3R-29.2	S	<b>9,100.00</b>
3R-607.21	Macro Chuck - Manual - mounted to 3R-29.2	S	<b>5,705.00</b>
3R-607.31	Macro Chuck - Manual Indexing - on Maxi Dovetail	S	<b>12,640.00</b>
3R-608.31E	Macro Electrode Holder for 3R-601.3 (set of 10)	S	<b>390.00</b>
3R-608.51E	Macro Electrode Holder for 3R-601.51 (set of 10)	S	<b>1,030.00</b>
3R-610.19	Macro auto table chuck with Refix	S	<b>10,375.00</b>
3R-610.21	Macro Machining Block (3 reference surfaces)	S	<b>2,980.00</b>
3R-610.21-S	Macro Machining Chuck – Standard (2 reference surfaces)	S	<b>1,995.00</b>
3R-610.29	Macro Chuck - Manual - Angle Plate w/3Refix - less control	S	<b>9,425.00</b>
3R-610.4	Macro Indexing Machining Block	S	<b>9,960.00</b>
3R-610.46	Macro Automatic Block	S	<b>5,670.00</b>
3R-US611.1	Air Control Single Function	S	<b>280.00</b>
3R-US611.2	Air Control Single Function - Foot Operated	S	<b>765.00</b>
3R-611.2	Air Control Unit - Foot Operated	S	<b>1,250.00</b>
3R-611.4	Air unit	S	<b>380.00</b>
3R-US611.4	Macro Electrode Hodler - Tubing Chuck	S	<b>1,690.00</b>
3R-611.44	Air Control for Indexer	S	<b>2,830.00</b>
3R-611.46	Air Control Unit Combi	S	<b>725.00</b>
3R-611.60	Air Control Unit for B-Axis	S	<b>915.00</b>
3R-611-C	Metal Braided Hose Kit	S	<b>195.00</b>
3R-612.1	Macro Flushing attachment	S	<b>355.00</b>
3R-612.116	Macro Sealing Ring	S	<b>545.00</b>
3R-612.6	Macro Centering Ring	S	<b>540.00</b>
3R-613.4	Supervise 0-25mm Mounted on Macro Pallet	S	<b>2,630.00</b>
3R-613.6	Supervise 0-80mm Mounted on Macro Pallet	S	<b>4,410.00</b>
3R-618.1	Macro Fork for Rack changer	S	<b>300.00</b>
3R-618.42	Gripper Claw - RF 200/400	S	<b>1,420.00</b>

<b>System 3R USA</b>			
<b>2009 Price List</b>			
<b>Effective October 2008</b>			
<b>Part Number</b>	<b>Description</b>	<b>D/C</b>	<b>Price Price US \$</b>
3R-618.43	Magazine Kit - RoboForm - 21 pcs.	S	<b>7,910.00</b>
3R-622.2	WEDM to Macro Holder	S	<b>2,860.00</b>
3R-622.6	WEDM Macro to Macro Adapter 90 Degree	S	<b>2,860.00</b>
3R-628.21-S	Starter kit Macro Standard	S	<b>3,445.00</b>
3R-628.24-S	Macro Starter Package	S	<b>1,105.00</b>
3R-628.31-S	Macro Standard Package	S	<b>4,455.00</b>
3R-628.41-S	Macro/Jr. Starter Package	S	<b>7,540.00</b>
3R-628.42	Macro Square Holder	S	<b>295.00</b>
3R-650/8-JR	Jr. Holder Adapter for Macro & Mini Cassettes (set of 8)	S	<b>79.00</b>
3R-650/8-S	Cassette for Macro 54X54	S	<b>34.00</b>
3R-650/8X5	Macro Cassette for 8 (52 & 54) Holders (set of 5)	S	<b>76.00</b>
3R-651.105E	Macro Holder w/Unhardened Flange (set of 8) - Mounted on 651.7E-P	S	<b>2,245.00</b>
3R-US651.105E-S	Macro Holder w/Unhardened Flange (set of 8) - Mounted on 651.7E-XS	S	<b>890.00</b>
3R-651.13	Macro Electrode Holder - Square Holder	S	<b>1,980.00</b>
3R-651.3	Macro Electrode Holder w/10mm 3Refix holes	S	<b>870.00</b>
3R-651.7E-P	Macro Electrode Holder - Cast - Lo-profile (set of 8)	S	<b>895.00</b>
3R-651.7E-S	Low Cost Macro Standard Pallet 54X54X12.5mm (set of 8)	S	<b>395.00</b>
3R-651.7E-XS	Low Cost Macro Standard Pallet 54X54X12.5mm (set of 8)	S	<b>340.00</b>
3R-651.7-P	Macro Electrode Holder - Cast - Lo-profile (single piece)	S	<b>115.00</b>
3R-US651.75E-AEC	Macro Electrode Holder - for Tool Changing (set of 8) 651.7-XS & US658.1-S	S	<b>575.00</b>
3R-651E-P	Macro Electrode Holder - Cast (set of 8)	S	<b>880.00</b>
3R-652.2	Macro to Macro Spacer Adapter – 100mm	S	<b>4,090.00</b>
3R-652.9	Macro to Macro – 90 Degree Adapter	S	<b>4,610.00</b>
3R-653	Macro to Mini Chuck	S	<b>1,670.00</b>
3R-653-S	Macro to Mini Chuck (Simplex)	S	<b>1,305.00</b>
3R-656.1	Macro Control Rule w/Radial & Axial run out 52X52mm	S	<b>1,080.00</b>
3R-656.2-P	Macro Indicator Spindle	S	<b>2,695.00</b>
3R-US656.5	Macro Threading Adapter (Tips not included)	S	<b>670.00</b>
3R-US656.5-XX	Macro Threading Adapter Individual Tips (specify size)	S	<b>185.00</b>
3R-656.31-3P	Macro Measuring Pointer w/ 3mm ball	S	<b>3,370.00</b>
3R-656.31-5P	Macro Measuring Pointer w/ 5mm ball	S	<b>3,520.00</b>
3R-658.1E-S	Macro Flat Spacer for 651.7E-XS (set of 8)	S	<b>245.00</b>
3R-658.2E-S	Macro Electrode Holder - Slotted - for 3R-651.7E-XS & 3R-651E-LS (set of 8)	S	<b>320.00</b>
3R-658.2-S	Macro Electrode Holder - Slotted - for 3R-651.7E-XS & 3R-651E-LS (1 single pc)	S	<b>41.00</b>
3R-658.31E	Macro Electrode Holder w/3Refix (set of 10)	S	<b>340.00</b>
3R-658.4E-S	Macro Electrode Holder - Box - for 3R-651.7E-XS & 3R-651E-LS (set of 8)	S	<b>325.00</b>
3R-658.4-S	Macro Electrode Holder - Box - for 3R-651.7E-XS & 3R-651E-LS (1 single pc)	S	<b>41.00</b>
3R-658-D	Spacer plate kit (Art.# U-40266) 10x	S	<b>160.00</b>
3R-659.16-P	Macro Collet Holder for ER16 Collets	S	<b>1,075.00</b>
3R-659.20-P	Macro Collet Holder for ER20 Collets	S	<b>1,090.00</b>
3R-659.32-P	Macro Collet Holder for ER32 Collets	S	<b>1,130.00</b>
3R-680.10-2	Magnum Table Chuck	S	<b>6,900.00</b>
3R-680.1-2	Magnum Lathe Chuck	S	<b>7,875.00</b>
3R-680.19-2	Magnum Table Chuck w/ 3Refix	S	<b>8,340.00</b>
3R-680.24-S	Macro Magnum Chuck - Manual (90809.01)	S	<b>3,275.00</b>
3R-681.156-A	Macro Magnum Pallet, un-hardened (for auto changing)	S	<b>1,505.00</b>
3R-681.2424-M6A	Macro Magnum 240mm Sq. Aluminum Pallet w/M6 threaded holes - For Automation	S	<b>Upon Request</b>
3R-681.2424-T8A	Macro Magnum 240mm Sq. Aluminum Pallet w/"T"-slots - For Automation	S	<b>Upon Request</b>

<b>System 3R USA</b>			
<b>2009 Price List</b>			
<b>Effective October 2008</b>			
<b>Part Number</b>	<b>Description</b>	<b>D/C</b>	<b>Price Price US \$</b>
3R-681.51	Macro Magnum Pallet 162mm Dia. Hardened - For Automatic Changing	S	<b>2,610.00</b>
3R-681.51-SA	Macro Magnum Pallet 156mm Dia. Hardened - For Automatic Changing	S	<b>750.00</b>
3R-681.71	Macro Magnum Pallet - Hardened 142mm Dia.	S	<b>795.00</b>
3R-686.1-HD	Macro Magnum HD Control Ruler	S	<b>3,120.00</b>
3R-US90-601	Macro Electrode Holder - Sub – Gate Fixture	S	<b>1,875.00</b>
3R-770.11A-1	Dynafix machine base Agie 3R-770-1+ plate (Art.# D20121)	S	<b>11,690.00</b>
3R-770.46-1	Dyanfix Base w/ Combi for CMM	S	<b>17,265.00</b>
3R-770-1	Dynafix Base Less Air Control - No Ground Alignment Surfaces on Base	S	<b>8,500.00</b>
3R-770-4	Dynafix Base w/ Alignment Surface (No 3Refix)	S	<b>10,390.00</b>
3R-770-5	Dynafix Base - 5 Axis	S	<b>10,390.00</b>
3R-770K	Dynafix Starter Package - 1)770-1, 2)771.2, 1)US611.2	S	<b>10,190.00</b>
3R-771.2	Dynafix Pallet - 1 pc	S	<b>845.00</b>
3R-771.2E	Dynafix Pallet - Crate of 12 pcs	S	<b>9,615.00</b>
3R-771.7	Dynafix Pallet Reference Element Kit	S	<b>920.00</b>
3R-771-U	Lifting Device for Dynafix Pallets (U-20344)	S	<b>600.00</b>
3R-772.2	Dynafix Pallet w/ Ground Surface - 1 pc	S	<b>1,155.00</b>
3R-772.2E	Dynafix Pallet w/ Ground Surface - Crate of 12 pcs	S	<b>13,135.00</b>
3R-772-M8.28	Dynafix Pallet w/Aluminum Plate w/M8 holes	S	<b>3,510.00</b>
3R-772-T8.40	Dynafix Pallet w/Aluminum Plate w/"T"-slots	S	<b>3,110.00</b>
3R-774	Dyanfix Pallet - 400 x 400mm	S	<b>2,765.00</b>
3R-774-AL	Dynafix Pallet 400 x 400mm	S	<b>3,125.00</b>
3R-776.1-2	Dynafix Master Pallet (replace 3R-776.1)	S	<b>3,005.00</b>
3R-US776	Dynafix Pallet with Double Lineal Vises	A	<b>4,300.00</b>
3R-778	Dynafix Presetting Station		<b>Upon Request</b>
3R-US778	Dynafix Pallet w/4 Manual Macro Chucks	A	<b>10,630.00</b>
3R-US779	Dynafix Pallet w/4 Manual Combi Chucks	A	<b>11,380.00</b>
3R-US780-4	Dynafix Pallet w/4 Lineal Vise Cluster (4.5" opening)	A	<b>6,050.00</b>
3R-US780-6	Dynafix Pallet w/6 Lineal Vise Cluster (4.5" opening)	A	<b>6,890.00</b>
3R-863.01-US	ID Chip - Macro / Magnum / Dynafix / WEDM (1 Single ID Chip)	S	<b>16.00</b>
3R-863.25-10	ID Chip & Holder for 491 Coins (set of 10)	S	<b>245.00</b>
3R-863.30-10	ID Chip & Holder for R2R Coins (1 pc. coin - no washer) (set of 10)	S	<b>245.00</b>

<b>System 3R USA</b>			
<b>2009 Price List</b>			
<b>Effective October 2008</b>			
<b>Part Number</b>	<b>Description</b>	<b>D/C</b>	<b>Price Price US \$</b>
3R-90025.xx	Tapers by various sizes, machine and chuck adapted 90025.xx	S	2,765.00
3R-90027	Macro Splash Guard for Automatic Chucks (Long Drawbar)	S	175.00
3R-90027.01	Splash cover Macro short drawbar	S	280.00
3R-90027.02	Splash cover for 460.XX	S	325.00
3R-90027.03	Splash cover for Magnum chucks	S	540.00
3R-901-10	3Refix Dowel, 10mm Dia.	S	280.00
3R-901-10E	3Refix Dowel, 10mm Dia. Set of 10 Pcs.	S	2,695.00
3R-901-10RS	3Refix Dowel, Stainless Steel, 10mm Dia.	S	955.00
3R-901-20	3Refix Dowel, 20mm Dia.	S	300.00
3R-901-20E	3Refix Dowel, 20mm Dia. Set of 10 Pcs.	S	2,920.00
3R-902-10E	3Refix Bushing for 10mm 3Refix (set of 30)	S	625.00
3R-90216	Low profile chuck aut H= 35 mm	S	5,360.00
3R-90216	Low profile chuck aut H= 35 mm	S	5,360.00
3R-902-20.0E	Bushing (set of 10)	S	385.00
3R-902-20.3E	3Refix Bushing - 20mm ID, 28.3mm OD (set of 10)	S	230.00
3R-90356.10	Dynafix Base (770-1) Adapted for Auto Chuck Pallet	S	10,500.00
3R-90356.20	Dyanfix Pallet with Auto Magnum Chuck	S	15,090.00
3R-90356.21	Dynafix Pallet with Auto Combi Chuck Z = 97mm	S	11,975.00
3R-90356.22	Dynafix Pallet with Auto Macro Chuck Z = 90mm	S	10,500.00
3R-90356.23	Dynafix Pallet with Auto Junior Chuck Z = 87mm	S	11,975.00
3R-90356.24	Dyanfix Pallet with Auto Macro Chuck Z = 125mm	S	12,390.00
3R-90390	Macro pallet 3R-601.116-PA with 3R-600.24-S	S	2,985.00
3R-90412-10	Macro chuck with svivel less adapter plate	S	10,200.00
3R-90413-10	Combi chuck with svivel less adapter plate	S	10,200.00
3R-90421	3-Jaw chuck on Magnum pallet	S	6,565.00
3R-90443	Man. debris guard for Macro70/Magnum chuck	S	1,720.00
3R-90469.01	Table chuck macro man 3refix 150x99	S	2,945.00
3R-90469.02	Table chuck jr man 3refix 150x99	S	3,770.00
3R-90469.03	Table chuck combi man 3refix 150x99	S	4,475.00
3R-90476.01	Spacer Macro-Macro 70x70x 200 mm	S	5,305.00
3R-90476.02	Spacer Macro-Macro 70x70x 250 mm	S	5,485.00
3R-90484	3Refix 10mm Dowel w/ Cap Head - 2 pcs	S	690.00
3R-90506	Reference Element - 50 Ton - 75mm Dia	S	1,270.00
3R-90506.01	Reference Element - 20 ton - 75mm Dia (14913)	S	795.00
3R-90576.05	Dynafix Base for Auto Adapter - 5 Axis (2 + 2 Air Connections)	S	11,545.00
3R-90576.06	Dynafix base 5-axis for aut adapter 2+1 air conn.	S	11,865.00
3R-90588	Macro chuck rot. air gun Max 1000rpm	S	6,535.00
3R-90702	Dynafix presettingstation (3R-770-1)	S	18,015.00
3R-90702.01	Dynafix presettingstation (3R-778)	S	18,650.00
3R-90716.05	VDP Manual Macro - 170mm Dia.	S	4,175.00
3R-90716.09	VDP Automatic Macro - 125mm x 125mm	S	8,455.00
3R-90716.10	VDP Automatic Macro - Low Profile	S	8,035.00
3R-90716.12	VDP Automatic Macro - 190mm Dia.	S	7,510.00
3R-90717.05	VDP Automatic Macro Magnum - 230mm Dia.	S	12,495.00
3R-90717.06	VDP Manual Macro Magnum - 230mm Dia.	S	7,535.00
3R-90718.03	VDP Dynafix Base (770-5)	S	16,275.00
3R-90718.04	VDP Dynafix Base	S	14,175.00
3R-90724	Magnum chuck (680.10-2) for auto. chuckadapter	S	7,235.00

<b>System 3R USA</b>			
<b>2009 Price List</b>			
<b>Effective October 2008</b>			
<b>Part Number</b>	<b>Description</b>	<b>D/C</b>	<b>Price Price US \$</b>
3R-90778	Macro chuck (similar to 3R-600.86-2) Stainless	S	<b>9,570.00</b>
3R-90793	Magnum/Macro aut adapter H= 85 mm	S	<b>6,775.00</b>
3R-90793.23	Magnum/Junior aut adapter H= 82 mm	S	<b>7,885.00</b>
3R-90809.01	Magnum Chuck Manual	S	<b>3,275.00</b>
3R-90809.02	Magnum chuck man. Stainless	S	<b>7,930.00</b>
3R-90809.03	Magnum insert HP	S	<b>4,625.00</b>
3R-90815	Air Gun Fitting Kit (2 fittings)	S	<b>370.00</b>
3R-90825	Macro chuck cpl man. 56x56	S	<b>1,505.00</b>
3R-90825.01	Macro chuck cpl auto. 56x56, short drawbar	S	<b>2,845.00</b>
3R-90825.10	Macro chuck cpl auto. 56x56, long drawbar	S	<b>4,840.00</b>
3R-90829	Table chuck (3R-610.29) less Refix	S	<b>7,855.00</b>
3R-90829.01	Table chuck (3R-610.19) less Refix	S	<b>8,805.00</b>
3R-90840.00	Ref. element MacroPress-system	S	<b>1,195.00</b>
3R-90840.10	Die chuck built-in kit MacroPress-system	S	<b>7,145.00</b>
3R-90840.20	WEDM chuck MacroPress-system	S	<b>14,955.00</b>
3R-90840.30	EDM chuck MacroPress-system	S	<b>21,205.00</b>
3R-90840.50	Drawbar Ø69 mm MacroPress-system	S	<b>1,050.00</b>
3R-90840.60	Table chuck MacroPress-system	S	<b>11,125.00</b>
3R-90840.70	Universal master MacroPress-system	S	<b>6,005.00</b>
3R-90840.90	Spindle chuck MacroPress-system	S	<b>11,745.00</b>
3R-90842	Macro block (3R-610.21-S) for 3R-605.1	S	<b>2,445.00</b>
3R-90842.01	Up-grade kit for 3R-600.24-S for 3R-605.1	S	<b>865.00</b>
3R-90855	Lifting device for Magnum pallets	S	<b>360.00</b>
3R-909-MT	3Refix Magnetic Table	S	<b>9,250.00</b>
3R-915-20E	3Refix Plastic Plug to protect 3Refix hole (set of 50)	S	<b>96.00</b>
3R-915-M12E	3Refix Plastic M12 Screw (set of 50)	S	<b>85.00</b>
3R-935-XX.XXC	3Refix Table, Chromed, Custom	S	<b>Upon Request</b>
3R-A11489	Adapter Plate for Mounting 600.24-S / 460.34	S	<b>970.00</b>
3R-A11897	Adapter Plate, 600.22 / 3R-TXXXX	S	<b>690.00</b>
3R-A19724	Adapter Plate (460.34, 600.23-S, 400.34)	S	<b>525.00</b>
3R-A21944	Angle Block for Macro, Combi or Junior	S	<b>1,435.00</b>
3R-A239	WEDM 3Ruler Clamp for 3Ruler w/o Dovetail on Table - set of 2	S	<b>340.00</b>
3R-A239.1	WEDM 3Ruler Clamp for 3Ruler with Dovetail on Table - set of 2	S	<b>500.00</b>
3R-A3620	Adapter Plate	S	<b>755.00</b>
3R-A6450	Adapter - ICS - 85mm Long	S	<b>3,190.00</b>
3R-A6450-1	Adapter - ICS - 140mm Long	S	<b>3,680.00</b>
3R-D-20129	Dynafix with manual Macro for CMM	S	<b>11,195.00</b>
3R-D-20130	Dynafix with through hole dia. 110 mm	S	<b>11,130.00</b>
3R-D40098	Macro Combi Quad Base (requires Air Control)	S	<b>20,280.00</b>

<b>System 3R USA</b>			
<b>2009 Price List</b>			
<b>Effective October 2008</b>			
<b>Part Number</b>	<b>Description</b>	<b>D/C</b>	<b>Price Price US \$</b>
3R-ER16-00	Collet Set (10 pcs. ER16 Collets 01mm to 10mm)	A	<b>290.00</b>
3R-ER16-01	Collet - Single ER16 0.5 to 1.0mm	A	<b>37.00</b>
3R-ER16-02	Collet - Single ER16 1.0 to 2.0mm	A	<b>37.00</b>
3R-ER16-03	Collet - Single ER16 2.0 to 3.0mm	A	<b>27.00</b>
3R-ER16-04	Collet - Single ER16 3.0 to 4.0mm	A	<b>27.00</b>
3R-ER16-05	Collet - Single ER16 4.0 to 5.0mm	A	<b>27.00</b>
3R-ER16-06	Collet - Single ER16 5.0 to 6.0mm	A	<b>27.00</b>
3R-ER16-07	Collet - Single ER16 6.0 to 7.0mm	A	<b>27.00</b>
3R-ER16-08	Collet - Single ER16 7.0 to 8.0mm	A	<b>27.00</b>
3R-ER16-09	Collet - Single ER16 8.0 to 9.0mm	A	<b>27.00</b>
3R-ER16-10	Collet - Single ER16 9.0 to 10.0mm	A	<b>27.00</b>
3R-ER20-00	Collet - Set (12 pcs. ER20 Collets 02mm to 13mm)	A	<b>350.00</b>
3R-ER20-01	Collet - Single ER20 0.5 to 1.0mm	A	<b>38.00</b>
3R-ER20-02	Collet - Single ER20 1.0 to 2.0mm	A	<b>38.00</b>
3R-ER20-03	Collet - Single ER20 2.0 to 3.0mm	A	<b>28.00</b>
3R-ER20-04	Collet - Single ER20 3.0 to 4.0mm	A	<b>28.00</b>
3R-ER20-05	Collet - Single ER20 4.0 to 5.0mm	A	<b>28.00</b>
3R-ER20-06	Collet - Single ER20 5.0 to 6.0mm	A	<b>28.00</b>
3R-ER20-07	Collet - Single ER20 6.0 to 7.0mm	A	<b>28.00</b>
3R-ER20-08	Collet - Single ER20 7.0 to 8.0mm	A	<b>28.00</b>
3R-ER20-09	Collet - Single ER20 8.0 to 9.0mm	A	<b>28.00</b>
3R-ER20-10	Collet - Single ER20 9.0 to 10.0mm	A	<b>28.00</b>
3R-ER20-11	Collet - Single ER20 10.0 to 11.0mm	A	<b>28.00</b>
3R-ER20-12	Collet - Single ER20 11.0 to 12.0mm	A	<b>28.00</b>
3R-ER20-13	Collet - Single ER20 12.0 to 13.0mm	A	<b>28.00</b>
3R-ER32-00	Collet - Set (18 pcs. ER32 Collets 3mm to 20mm)	A	<b>555.00</b>
3R-ER32-02	Collet - Single ER32 1.0 to 2.0mm	A	<b>49.00</b>
3R-ER32-03	Collet - Single ER32 2.0 to 3.0mm	A	<b>32.00</b>
3R-ER32-04	Collet - Single ER32 3.0 to 4.0mm	A	<b>32.00</b>
3R-ER32-05	Collet - Single ER32 4.0 to 5.0mm	A	<b>32.00</b>
3R-ER32-06	Collet - Single ER32 5.0 to 6.0mm	A	<b>32.00</b>
3R-ER32-07	Collet - Single ER32 6.0 to 7.0mm	A	<b>32.00</b>
3R-ER32-08	Collet - Single ER32 7.0 to 8.0mm	A	<b>32.00</b>
3R-ER32-09	Collet - Single ER32 8.0 to 9.0mm	A	<b>32.00</b>
3R-ER32-10	Collet - Single ER32 9.0 to 10.0mm	A	<b>32.00</b>
3R-ER32-11	Collet - Single ER32 10.0 to 11.0mm	A	<b>32.00</b>
3R-ER32-12	Collet - Single ER32 11.0 to 12.0mm	A	<b>32.00</b>
3R-ER32-13	Collet - Single ER32 12.0 to 13.0mm	A	<b>32.00</b>
3R-ER32-14	Collet - Single ER32 13.0 to 14.0mm	A	<b>32.00</b>
3R-ER32-15	Collet - Single ER32 14.0 to 15.0mm	A	<b>32.00</b>
3R-ER32-16	Collet - Single ER32 15.0 to 16.0mm	A	<b>32.00</b>
3R-ER32-17	Collet - Single ER32 16.0 to 17.0mm	A	<b>32.00</b>
3R-ER32-18	Collet - Single ER32 17.0 to 18.0mm	A	<b>32.00</b>
3R-ER32-19	Collet - Single ER32 18.0 to 19.0mm	A	<b>32.00</b>
3R-ER32-20	Collet - Single ER32 19.0 to 20.0mm	A	<b>32.00</b>

<b>System 3R USA</b>			
<b>2009 Price List</b>			
<b>Effective October 2008</b>			
<b>Part Number</b>	<b>Description</b>	<b>D/C</b>	<b>Price Price US \$</b>
3R-LL200P	Labels, Large 200 Pcs. + Pen	S	<b>41.00</b>
3R-LS288P	Labels, Small 288 Pcs. + Pen	S	<b>41.00</b>
3R-MFT4X12E	Jr. Electrode Holder Screw for Jr. Coin (100 pcs.)	S	<b>50.00</b>
3R-MFT4X16E	Jr. Electrode Holder Screw for Jr. Coin w/spacer (100 pcs.)	S	<b>50.00</b>
3R-PI4.5X14E	Jr. Electrode Holder Screw-self threading for 461 w/o spacer (100 pcs.)	S	<b>47.00</b>
3R-PI4.5X20E	Jr. Electrode Holder Screw-self threading for 461 w/spacer (100 pcs.)	S	<b>48.00</b>
3R-RU52	Macro Chip Shield 52x52mm Set of 10 Pcs.	S	<b>350.00</b>
3R-RU52L	Macro Chip Shield 52x52mm Set of 10 Pcs.	S	<b>485.00</b>
3R-RU70	Macro Chip Shield 70x70mm Set of 10 Pcs.	S	<b>370.00</b>
3R-SP10323	Magazine modification Kit for CT Toolchanger (20 pins)	S	<b>750.00</b>
3R-SP13829	Macro Automatic Built-in Chuck	S	<b>3,580.00</b>
3R-SP15055	Macro Chuck with Ground Flange	S	<b>1,610.00</b>
3R-SP18286	Combi Automatic Built-in Chuck	S	<b>3,900.00</b>
3R-SP19047	Combi Automatic Built-in Chuck	S	<b>3,985.00</b>
3R-SP19143	Jr. Chuck - Manual Rear Clamp Stainless	S	<b>990.00</b>
3R-SP19269	Jr. Washer - 10mm (30 pcs)	S	<b>230.00</b>
3R-SP19270	Jr. Electrode Holder Washer for 491 – to use in Combi AEC (set of 30)	S	<b>120.00</b>
3R-SP19764	Chip Protector (When using Macro in Manual Combi Chuck)	S	<b>39.00</b>
3R-SP19823	Adapter - Macro to ITS - HP	S	<b>1,615.00</b>
3R-SP19824	Adapter - Macro 54 to ITS 40 (5 pcs)	S	<b>4,445.00</b>
3R-SP20044	Magnum Std. Insert	S	<b>4,175.00</b>
3R-SP20753	Air Nipple Kit	S	<b>400.00</b>
3R-SP24460	New Macro HP Round Insert Chuck	S	<b>2,190.00</b>
3R-SP25442	New Macro HP Square Insert Chuck	S	<b>2,345.00</b>
3R-SP5663	Adapter ITS40 to Mini Chuck	S	<b>2,225.00</b>
3R-SP6435	WEDM Dovetail Adapter for 3R-217-1	S	<b>1,750.00</b>
3R-SP7359	Macro Chuck - Automatic	S	<b>3,720.00</b>
3R-SP7359-RS	Macro Chuck - Automatic - Stainless	S	<b>5,885.00</b>
3R-Txxxx	Tapers machine and chuck adapted (Art. # 90025.xx)	S	<b>2,765.00</b>
3R-U-40137	Drawbar (2 pcs.) with hole 10.2 mm	S	<b>290.00</b>
3R-U-50229	Macro chuck insert for AB-axis	S	<b>4,195.00</b>
3R-U-50230	Macro table chuck	S	<b>8,165.00</b>
3R-W12-S	Automation Twin Grip - Short	S	<b>400.00</b>

<b>System 3R USA</b>			
<b>2009 Price List</b>			
<b>Effective October 2008</b>			
<b>Part Number</b>	<b>Description</b>	<b>D/C</b>	<b>Price Price US \$</b>
3R-US001	Wrench - Torque - Preset @ 3Nm (213.4, 292.1, 294.4, 294.5, 901-10)	S	<b>165.00</b>
3R-US001	Wrench - Torque (screwdriver) Preset @ 3Nm	S	<b>165.00</b>
3R-US003	Wrench - Torque - Preset @ 3Nm (239.1, 239.11, 293.33, 294.1, 294.2)	S	<b>165.00</b>
3R-US003	Wrench - Torque ("L") Preset @ 8Nm	S	<b>165.00</b>
3R-US005	Wrench - Torque - Preset @ 7Nm (292.3, 292.31, 293.3)	S	<b>125.00</b>
3R-US005	Wrench - Torque ("T") Preset @ 7Nm	S	<b>125.00</b>
3R-US005-10	Wrench - Torque - Preset @ 10Nm (292.6S, 901-20)	S	<b>125.00</b>
3R-US005-10	Wrench - Torque ("T") Preset @ 10Nm	S	<b>125.00</b>
3R-US005-4	Wrench - Torque - Preset @ 4nm (Manual Chucks, 293.66HP)	S	<b>125.00</b>
3R-US005-4	Wrench - Torque ("T") Preset @ 4nm	S	<b>125.00</b>
3R-US006	Wrench - Torque - Preset @ 15Nm (292.6HP, 293.6HP)	S	<b>185.00</b>
3R-US006	Wrench - Torque ("L") Preset @ 15Nm	S	<b>185.00</b>

<b>System 3R USA</b>			
<b>2009 Price List</b>			
<b>Effective October 2008</b>			
<b>Part Number</b>	<b>Description</b>	<b>D/C</b>	<b>Price Price US \$</b>
3R-US492D-.625-2	R2R Poco 200 .625" Dia. X 2" Long	C	210.00
3R-US492D-.625-3	R2R Poco 200 .625" Dia. X 3" Long	C	225.00
3R-US492D-.75-2	R2R Poco 200 .75" Dia. X 2" Long	C	225.00
3R-US492D-.75-3	R2R Poco 200 .75" Dia. X 3" Long	C	250.00
3R-US492D-1.25-2	R2R Poco 200 1.25" Dia. X 2" Long	C	290.00
3R-US492D-1.25-3	R2R Poco 200 1.25" Dia. X 3" Long	C	325.00
3R-US492D-1.5-2	R2R Poco 200 1.5" Dia. X 2" Long	C	310.00
3R-US492D-1.5-3	R2R Poco 200 1.5" Dia. X 3" Long	C	370.00
3R-US492D-1.75-2	R2R Poco 200 1.75" Dia. X 2" Long	C	345.00
3R-US492D-1.75-3	R2R Poco 200 1.75" Dia. X 3" Long	C	410.00
3R-US492D-1-2	R2R-Poco 200 1" Dia. X 2" Long	C	235.00
3R-US492D-1-3	R2R Poco 200 1" Dia. X 3" Long	C	260.00
3R-US492D-2-2	R2R Poco 200 2" Dia. X 2" Long	C	355.00
3R-US492D-2-3	R2R Poco 200 2" Dia. X 3" Long	C	445.00
3R-US492S-.625-2	R2R Poco 200 .625" X. 625" X 2" Long	C	195.00
3R-US492S-.625-3	R2R Poco 200 .625" X. 625" X 3" Long	C	225.00
3R-US492S-.75-2	R2R Poco 200 .75" X. 75" X 2" Long	C	215.00
3R-US492S-.75-3	R2R Poco 200 .75" X .75" X 3" Long	C	270.00
3R-US492S-1.25-2	R2R Poco 200 1.25" X 1.25" X 2" Long	C	260.00
3R-US492S-1.25-3	R2R Poco 200 1.25" X 1.25" X 3" Long	C	310.00
3R-US492S-1.5-2	R2R Poco 200 1.5" X 1.5" X 2" Long	C	300.00
3R-US492S-1.5-3	R2R Poco 200 1.5" X 1.5" X 3" Long	C	360.00
3R-US492S-1.75-2	R2R Poco 200 1.75" X 1.75" X 2" Long	C	345.00
3R-US492S-1.75-3	R2R Poco 200 1.75" X 1.75" X 3" Long	C	445.00
3R-US492S-1-2	R2R Poco 200 1" X 1" X 2" Long	C	235.00
3R-US492S-1-3	R2R Poco 200 1" X 1" X 3" Long	C	290.00
3R-US492S-2-2	R2R Poco 200 2" X 2" X 2" Long	C	390.00
3R-US492S-2-2.5	R2R Poco 200 2" X 2" X 2.5" Long	C	485.00
3R-US492S-2-3	R2R Poco 200 2" X 2" X 3" Long	C	500.00
3R-US493D-.625-2	R2R Poco 3 .625" Dia. X 2" Long	C	270.00
3R-US493D-.625-3	R2R Poco 3 .625" Dia. X 3" Long	C	325.00
3R-US493D-.75-2	R2R Poco 3 .75" Dia. X 2" Long	C	310.00
3R-US493D-.75-3	R2R Poco 3 .75" Dia. X 3" Long	C	345.00
3R-US493D-1.25-2	R2R Poco 3 1.25" Dia. X 2" Long	C	445.00
3R-US493D-1.25-3	R2R Poco 3 1.25" Dia. X 3" Long	C	570.00
3R-US493D-1.5-2	R2R Poco 3 1.5" Dia. X 2" Long	C	570.00
3R-US493D-1.5-3	R2R Poco 3 1.5" Dia. X 3" Long	C	725.00
3R-US493D-1.75-2	R2R Poco 3 1.75" Dia. X 2" Long	C	725.00
3R-US493D-1.75-3	R2R Poco 3 1.75" Dia. X 3" Long	C	865.00
3R-US493D-1-2	R2R Poco 3 1" Dia. X 2" Long	C	360.00
3R-US493D-1-3	R2R Poco 3 1" Dia. X 3" Long	C	445.00
3R-US493D-2-2	R2R Poco 3 2" Dia. X 2" Long	C	755.00
3R-US493D-2-3	R2R Poco 3 2" Dia. X 3" Long	C	1,050.00
3R-US493S-.625-2	R2R Poco 3 .625" X .625" X 2" Long	C	260.00
3R-US493S-.625-3	R2R Poco 3 .625" X .625" X 3" Long	C	300.00
3R-US493S-.75-2	R2R Poco 3 .75" X .75" X 2" Long	C	300.00
3R-US493S-.75-3	R2R Poco 3 .75" X .75" X 3"	C	355.00
3R-US493S-1.25-2	R2R Poco 3 1.25" X 1.25" X 2" Long	C	445.00

<b>System 3R USA</b>			
<b>2009 Price List</b>			
<b>Effective October 2008</b>			
<b>Part Number</b>	<b>Description</b>	<b>D/C</b>	<b>Price Price US \$</b>
3R-US493S-1.25-3	R2R Poco 3 1.25" X 1.25" X 3" Long	C	<b>520.00</b>
3R-US493S-1.5-2	R2R Poco 3 1.5" X 1.5" X 2" Long	C	<b>560.00</b>
3R-US493S-1.5-3	R2R Poco 3 1.5" X 1.5" X 3" Long	C	<b>655.00</b>
3R-US493S-1.75-2	R2R Poco 3 1.75" X 1.75" X 2" Long	C	<b>685.00</b>
3R-US493S-1.75-3	R2R Poco 3 1.75" X 1.75" X 3" Long	C	<b>985.00</b>
3R-US493S-1-2	R2R Poco 3 1" X 1" X 2" Long	C	<b>370.00</b>
3R-US493S-1-3	R2R Poco 3 1" X 1" X 3" Long	C	<b>495.00</b>
3R-US493S-2-2	R2R Poco 3 2" X 2" X 2" Long	C	<b>805.00</b>
3R-US493S-2-2.5	R2R Poco 3 2" X 2" X 2.5" Long	C	<b>925.00</b>
3R-US493S-2-3	R2R Poco 3 2" X 2" X 3" Long	C	<b>1,100.00</b>
3R-USHS001	Magnet (Model EML-2.5"x2.5"X5.125") on Macro Pallet	A	<b>2,115.00</b>
3R-USHS002	Vise (Model V04S - 4" Capacity) on Macro Pallet - Not Stainless - Z Not Controlled	A	<b>1,480.00</b>
3R-USHS003	Vise - Stainless (Model V04S) on Macro Pallet - Z Not Controlled	A	<b>2,120.00</b>
3R-USHS004	Magnet 6" x 6" Fine Pole on Macro Pallet - X/Y/Z Are Controlled Dimensions	A	<b>2,745.00</b>
3R-USHS005	Magnet 6" x 6" Fine Pole on Magnum Pallet - X/Y/Z Are Controlled Dimensions	A	<b>3,325.00</b>
3R-USHS006	Magnet 4" x 4" Fine Pole on Macro Pallet - X/Y/Z Are Controlled Dimensions	A	<b>1,955.00</b>
3R-USHS008	Magnet 12" x 12" Fine Pole on Dynafix Pallet - Z Is a Controlled Dimension	A	<b>6,795.00</b>
3R-USHS009	Magnet 12" x 12" FP on Dynafix Pallet - Corners Removed - Z Is a Controlled Dim.	A	<b>6,795.00</b>
3R-USHS011	Three Jaw Stainless Chuck-Round - .020"-1" Cap. on Macro - Specify "Sweet Spot"	A	<b>4,820.00</b>
3R-USHS012	Three Jaw Stainless Chuck-4"x4" Sq - .020"-1" Cap. on Macro - Diving-Board Style	A	<b>4,640.00</b>
3R-USHS013	Three Jaw Stainless Chuck-5"x5" Sq - 1"-2" Cap. on Macro - Diving-Board Style	A	<b>5,490.00</b>
3R-USHS014	Magnet 4" Round Fine Pole on Macro Pallet - Z is a Controlled Dimension	A	<b>1,495.00</b>
3R-USHS015	Magnet 6" x 6" for High Speed Milling on Macro Pallet - X/Y/Z Are Controlled Dims.	A	<b>3,195.00</b>
3R-USHS016	Magnet 6" x 6" for High Speed Milling on Magnum Pallet - X/Y/Z Are Controlled Dims.	A	<b>3,775.00</b>
3R-USHS017	Magnet 12" x 12" for High Speed Milling on Dynafix Pallet - Z Is a Controlled Dim.	A	<b>7,720.00</b>
3R-USHS018	Magnet 12" x 12" for HS Milling on Dynafix - Corners Removed - Z Is Controlled	A	<b>7,720.00</b>
3R-USHS023	Round Stainless Three-jaw Chuck with 1" - 2" Cap. on Macro. Specify "Sweet Spot".	A	<b>5,645.00</b>
3R-USHS025	Round Stainless Three-jaw Chuck with 1" - 2" Cap. on Magnum. Specify "Sweet Spot".	A	<b>5,725.00</b>
3R-USHS026	8" x 8" Fine Pole Magnet on Dynafix. Z is a Controlled Dimension	A	<b>4,970.00</b>
3R-USHS027	Round Stainless Three-jaw Chuck with 2" - 3" Cap on Magnum. Specify "Sweet Spot".	A	<b>9,100.00</b>
3R-USHS028	6" x 12" Fine Pole Magnet on Dynafix. Z is a Controlled Dimension	A	<b>4,845.00</b>
3R-USHS029	12"x12" Magnet for HSM on Dynafix. Z is a Controlled Dimension. Req.on certain Mikrons	A	<b>5,370.00</b>
3R-USHS030	Vise with 1.5" capacity on Macro. Not Stainless. Z is not a controlled dimension	A	<b>930.00</b>
3R-USHS031	Stainless Vise with 1.5" capacity on Macro. Z is not a controlled dimension	A	<b>990.00</b>
3R-USHS032	6 5/8" x 6 5/8" Stainless Three-jaw Chuck with 2"-3" Cap. on "diving-board-style" Macro	A	<b>8,565.00</b>

<b>System 3R USA</b>			
<b>2009 Price List</b>			
<b>Effective October 2008</b>			
<b>Part Number</b>	<b>Description</b>	<b>D/C</b>	<b>Price Price US \$</b>
PPG100-2	Pin Point Gate Electrode .100 x 2"	C	<b>26.00</b>
PPG100-2.5	Pin Point Gate Electrode .100 x 2.5"	C	<b>27.00</b>
PPG40-2	Pin Point Gate Electrode .040 x 2"	C	<b>26.00</b>
PPG40-2.5	Pin Point Gate Electrode .040 x 2.5"	C	<b>27.00</b>
PPG50-2	Pin Point Gate Electrode .050 x 2"	C	<b>26.00</b>
PPG50-2.5	Pin Point Gate Electrode .050 x 2.5"	C	<b>27.00</b>
PPG60-2	Pin Point Gate Electrode .060 x 2"	C	<b>26.00</b>
PPG60-2.5	Pin Point Gate Electrode .060 X 2.5"	C	<b>27.00</b>
PPG70-2	Pin Point Gate Electrode .070 x 2"	C	<b>26.00</b>
PPG70-2.5	Pin Point Gate Electrode .070 x 2.5"	C	<b>27.00</b>
PPG80-2	Pin Point Gate Electrode .080 x 2"	C	<b>26.00</b>
PPG80-2.5	Pin Point Gate Electrode .080 x 2.5"	C	<b>27.00</b>
PPG90-2	Pin Point Gate Electrode .090 x 2"	C	<b>26.00</b>
PPG90-2.5	Pin Point Gate Electrode .090 x 2.5"	C	<b>27.00</b>
TG062-20-1	Tunnel Gate Electrode .0625 x 20 x 1"	C	<b>23.00</b>
TG062-20-1.5	Tunnel Gate Electrode .0625 x 20 x 1.5"	C	<b>24.00</b>
TG062-30-1	Tunnel Gate Electrode .0625 x 30 x 1"	C	<b>23.00</b>
TG062-30-1.5	Tunnel Gate Electrode .0625 x 30 x 1.5"	C	<b>24.00</b>
TG125-20-1	Tunnel Gate Electrode .1250 x 20 x 1"	C	<b>23.00</b>
TG125-20-1.5	Tunnel Gate Electrode .1250 x 20 x 1.5"	C	<b>24.00</b>
TG125-30-1	Tunnel Gate Electrode .1250 x 30 x 1"	C	<b>23.00</b>
TG125-30-1.5	Tunnel Gate Electrode .1250 x 30 x 1.5"	C	<b>24.00</b>
TG187-20-1	Tunnel Gate Electrode .1875 x 20 x 1"	C	<b>23.00</b>
TG187-20-1.5	Tunnel Gate Electrode .1875 x 20 x 1.5"	C	<b>24.00</b>
TG187-30-1	Tunnel Gate Electrode .1875 x 30 x 1"	C	<b>23.00</b>
TG187-30-1.5	Tunnel Gate Electrode .1875 x 30 x 1.5"	C	<b>24.00</b>
TG250-20-1	Tunnel Gate Electrode .2500 x 20 x 1"	C	<b>23.00</b>
TG250-20-1.5	Tunnel Gate Electrode .2500 x 20 x 1.5"	C	<b>24.00</b>
TG250-30-1	Tunnel Gate Electrode .2500 x 30 x 1"	C	<b>23.00</b>
TG250-30-1.5	Tunnel Gate Electrode .2500 x 30 x 1.5"	C	<b>24.00</b>