

DIANAMIC® Abrasive Products, Inc.

**CV Joint Catalogue
Grinding Wheels
Standard International Edition
2001-2002**

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What are **DIANAMIC®** Single Layer Superabrasive Products?

DIANAMIC manufactures **DIAMOND** and **CBN** (Cubic Boron Nitride) single layer superabrasive products, commonly known as electroplated grinding wheels. Single Layer Superabrasive grinding wheels are products that have a single layer of either Diamond or CBN electro-deposited in a Nickel matrix on a steel core of predetermined size and shape. There is no trueing or dressing required in single layer superabrasive products.

Why choose DIANAMIC Abrasive Products, Inc.?

DIANAMIC Abrasive Products, Inc. manufactures consistent, **Quality Assured**, single layer superabrasive grinding wheels and products utilizing only Virgin **Diamond and CBN**.

DIANAMIC products are designed, and manufactured utilizing state-of-the-art equipment and the finest quality materials.

All manufacturing and plating is accomplished under the most stringent parameters and **NO** product is shipped until it passes rigorous inspection in our quality assurance department.

DIANAMIC specializes in the design and manufacture of custom grinding products such as CV Joint Grinding Wheels for Oliver of Adrian CV Joint Recipromatic II Grinding machines on an OEM basis, and for other comparable CV joint grinding machines.

Quality and Efficiency

The products manufactured by **DIANAMIC** have many **quality** advantages over other superabrasive manufacturers. Because of their high consistent quality, **DIANAMICS** single layer superabrasive tooling offers extended wheel life, no dressing or trueing is required, fast and immediate removal of stock and recoatable cores in certain instances, which lowers replacement cost.

Usage and Safety Recommendations

DIANAMIC® recommends using a high velocity coolant system, filtered to a minimum of 5 microns for optimum wheel performance. Whenever possible, wheel life should be determined to lessen the chance of core damage. Care must be exercised in all forms of grinding, including use of single layer superabrasive products. Operators should always wear safety glasses, use proper ventilation, and follow machine manufacturers' guidelines for safe operation. Prior to use, read applicable MSDS and follow ANSI B7.1-1988 recommendations, as well as adherence to all Federal, State and Local government regulations regarding your particular industries operation and for waste disposal.

Ordering Information

Your order may be placed by mail, fax or telephone. Please advise ship to and attention of information, part number and quantity along with a hard copy purchase order. Stock items normally ship **THE SAME DAY** of receipt of order. Delivery for non-stock items is on a quoted basis. **DIANAMIC** does strive to ship all orders within your production requirements and needs. There is NO MINIMUM ORDER requirement for CV joint grinding wheel products manufactured by DIANAMIC.

Shipment and Payment Policy

Normal shipment is via UPS or Federal Express or your choice of carriers. To assist in expediting your order, please advise upon ordering the preferred method of shipment. Orders can ship on a pre paid basis. We accept VISA - MasterCard, prepayment by check or COD. Shipping, handling and insurance costs are added onto each shipment. Open account status is also available for customers who qualify for credit. A completed credit application is required. Contact our accounting office for further information. **International and Special Size Orders ship via Letter of Credit, Prepaid or credit card, ONLY.**

Return Policy

Returns for credit must be made within 30 days of receipt. NO returns will be accepted after 30 days. Returns must be made with original part packaging. RETURNED PRODUCT MUST BE IN A TOTALLY UNUSED ORIGINAL CONDITION. Contact our office for return material authorization prior to any and all returns.

PRICE LIST

Single Layer Superabrasive Grinding Products
Manufactured Exclusively for OLIVER >CV Recipromatic II=
By DIANAMIC® Abrasive Products, Inc.
Pricing Effective 01 November 2000

Product Description	Price New	Price Strip / Recoat	CBN Mesh
Type 1FF1	\$185.00	\$110.00	120/140
Quill for Ball or Cage	\$185.00	Not Applicable	Not Applicable
Screw for Quill	\$15.00	Not Applicable	Not Applicable
Cage Wheel	\$12.00	Not Available	60/80
Mountable Ball	\$15.00	Not Available	60/80
Mountable Ball 100 + pieces	\$14.00	Not Available	60/80

Terms and Conditions

1. Price for Mountable Ball is available for standard sizes only. Non standard sizes by quotation only.
2. Orders can ship on a pre paid basis. We accept VISA - MasterCard, prepayment by check or COD. Open account status is also available for customers in North America only, who qualify for credit. All overseas shipments done by prepayment or irrevocable letter of credit. Contact our accounting office for further information. Shipping, handling and insurance costs are added onto each shipment.
3. Normal shipment is via UPS, Federal Express or the carrier of your choice. To help expedite your order, please advise upon ordering the preferred method of shipment.
4. Returns for credit must be made within 30 days of receipt. Returns must be made with original part packaging, and the returned product must be in original new condition. Kindly contact our office for return material authorization prior to any and all returns.

To place an order call +248 280 1185 or fax us at +248 280 2733

PRICE LIST

Single Layer Superabrasive Grinding Products
By DIANAMIC® Abrasive Products, Inc.

CVS Style NEW and OLD STYLE

Pricing Effective 01 November 2000

Product Description	Price New	Price Strip / Recoat ANY QUANTITY	CBN Mesh
Screw on Ball Tool	\$25.00	\$15.00	60/80
Screw on Ball Tool 50 pieces or more	\$23.00	\$15.00	60/80
Cage Grinding Bit	\$15.00	\$10.00	60/80
Type 1FF1	\$185.00	\$95.00	120/140

Terms and Conditions

1. Price for Screw on Ball Tool is available for standard sizes only. Non standard sizes by quotation only.
2. Orders can ship on a pre paid basis. We accept VISA - MasterCard, prepayment by check or COD. Open account status is also available for customers in North America only, who qualify for credit. All overseas shipments done by prepayment or irrevocable letter of credit. Contact our accounting office for further information. Shipping, handling and insurance costs are added onto each shipment.
3. Normal shipment is via UPS, Federal Express or the carrier of your choice. To help expedite your order, please advise upon ordering the preferred method of shipment.
4. Returns for credit must be made within 30 days of receipt. Returns must be made with original part packaging, and the returned product must be in original new condition. Kindly contact our office for return material authorization prior to any and all returns.

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DIANAMIC® Abrasive Products, Inc.
2566 Industrial Row - Troy, Michigan 48084 USA
Telephone +248 280 1185 - facsimile +248 280 2733

Order Form for Oliver CV Joint Recipromatic II Grinding Products

From:

Order date:	Purchase order number:
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Part	Size	Quantity	Price each
Type 1FF1 New			
Type 1FF1 Strip / Recoat			
Quill for Ball			
Quill for Cage			
Screw for Quill			
Cage Wheel New			
Free Ball for Strip / Recoat Type 1FF1			
Mountable Ball New			
Mountable Ball New			

THIS ORDER WILL NOT BE PROCESSED WITHOUT SIGNATURE, DATE AND METHOD OF SHIPMENT AND PURCHASE ORDER NUMBER.

Authorizing Name Printed:
Authorizing Signature: Date:

Circle one: Ship Via UPS Regular, UPS Red, UPS Blue, UPS 3 Day or Federal Express.

DIANAMIC® Abrasive Products, Inc.
2566 Industrial Row - Troy, Michigan 48084 USA
Telephone +248 280 1185 - facsimile +248 280 2733

Order Form for CVS Style CV Joint Grinding Products

From:

Order date:	Purchase order number:
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Part	Size	Quantity	Price each
Screw on Ball Tool			
Screw on Ball Tool			
Screw on Ball Tool			
Screw on Ball Tool			
Cage Grinding Bit			
Cage Grinding Bit Strip /Recoat			
Type 1FF1 New			
Type 1FF1 Strip / Recoat			
Free Screw on Ball Tool per each TWO Type 1FF1 Recoats			

THIS ORDER WILL NOT BE PROCESSED WITHOUT SIGNATURE, DATE AND METHOD OF SHIPMENT AND PURCHASE ORDER NUMBER.

Authorizing Name Printed:
Authorizing Signature: Date:

Circle one: Ship Via Federal Express, DHL or other Air Cargo.

STOCK SIZES
CV Mountable Ball and Cage Wheel OEM Products

Single Layer Superabrasive Grinding Products
Manufactured Exclusively for OLIVER >CV Recipromatic II=
By DIANAMIC® Abrasive Products, Inc.

Replacement Ball Bearing Fractional Size	Oliver Style Mountable Ball for .020" Oversize Grind	DIANAMIC Part Number OEM
17/32"	.571"	CVB-001
9/16"	.602"	CVB-002
19/32"	.634"	CVB-003
5/8"	.665"	CVB-004
21/32"	.696"	CVB-005
11/16"	.727"	CVB-006
18mm	.748"	CVB-007
23/32"	.758"	CVB-008
3/4"	.790"	CVB-009
25/32"	.821"	CVB-010
13/16"	.852"	CVB-011
7/8"	.915"	CVB-012
CAGE BIT SIZE		DIANAMIC Part Number
7/16"		CVC-001
2"		CVC-002

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STOCK SIZES
CV Type 1FF1 Grinding Wheel OEM Product

Single Layer Superabrasive Grinding Products
Manufactured Exclusively for OLIVER >CV Recipromatic II=
By DIANAMIC® Abrasive Products, Inc.

Replacement Ball Bearing Fractional Size	Oliver Style Type 1FF1 Grinding Wheel For .020" Oversize Grind	DIANAMIC Part Number OEM
17/32"	.571"	CVF-001
9/16"	.602"	CVF-002
19/32"	.634"	CVF-003
5/8"	.665"	CVF-004
21/32"	.696"	CVF-005
11/16"	.727"	CVF-006
18mm	.748"	CVF-007
23/32"	.758"	CVF-008
3/4"	.790"	CVF-009
25/32"	.821"	CVF-010
13/16"	.852"	CVF-011
7/8"	.915"	CVF-012

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STOCK SIZES
CV Style Screw on Ball Tool and Cage Grinding Bit
Single Layer Superabrasive Grinding Products
Manufactured Exclusively

By DIANAMIC® Abrasive Products, Inc.

ADD SUFFIX OF N FOR NEW STYLE TO END OF P/N
ADD SUFFIX OF F FOR NEW STYLE TYPE 1FF1

Replacement Ball Bearing fractional size	Screw on Ball Tool CVS Style size (approximate)	DIANAMIC Part Number -N or -F
19/32"	.632"	CVX-001
5/8"	.663"	CVX-002
21/32"	.694"	CVX-003
11/16"	.726"	CVX-004
18mm	.747"	CVX-005
23/32"	.757"	CVX-006
3/4"	.788"	CVX-007
9/16"	.600"	CVX-008
7/8"	.910"	CVX-009
25/32"	.819"	CVX-010
17/32"	.569"	CVX-011
13/16"	.851"	CVX-012

CAGE BIT SIZE	DIANAMIC Part Number
2"	CVZ-001
3/8"	CVZ-002

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Mission Statement

DIANAMIC® Abrasive Products, Inc. is focused to provide the finest, consistent; quality assured single layer and metal bond superabrasive products manufactured and available in the ever-changing world marketplace. We continually strive to deliver our products in a timely method with cost awareness geared around the needs and production requirements of our customers. We are committed to remain technologically abreast and to maintain the highest of ethical business standards.

Custom Single Layer and Bonded Superabrasive Products by

DIANAMIC® Abrasive Products, Inc.

2566 Industrial Row - Troy Michigan 48084 USA

Telephone +248 280 1185 - facsimile +248 280 2733

In Canada

20 Bram Court, Unit 1 - Brampton, Ontario L6W 3RS

Telephone +905 457 0765 - Facsimile +905 457 0599

A Optimized Grinding Solutions ≡

www.dianamic.com

DIANAMIC ABRASIVE PRODUCTS, INC.

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WWW.DIANAMIC.COM E-MAIL INFO@DIANAMIC.COM

COMPARISON CHART

Replacement Ball Bearing Fractional Size	Oliver Ball Size	CVS Size Part Number
17/32"	.571"	#11
9/16"	.602"	#8
19/32"	.634"	#1
5/8"	.665"	#2
21/32"	.696"	#3
11/16"	.727"	#4
18mm	.748"	#5
23/32"	.758"	#6
3/4"	.790"	#7
25/32"	.821"	#10
13/16"	.852"	#12
7/8"	.915"	#9

1. ORDER BY CVS PART NUMBER
2. DIANAMIC CARBIDE QUILL 1/2" X 3.7" OAL \$250.00 EACH
3. SCREWS TO FIT QUILL \$15.00 EACH
4. OLIVER STYLE GRINDING BALLS \$15.00 EACH