

KWIK-WAY®

Equipment & Supplies

for

Sioux™



Valve & Seat Grinding

**Need a new motor unit
for your Sioux™ Seat Grinder?**

**How about a new source
for high quality operating supplies?**

**Who better to help you
with your needs than Kwik-Way.**

For over 85 years, **Kwik-Way** has been the leader in valve refacer and seat grinder operating supplies and equipment. We now offer the same level of quality and precision for your Sioux™ applications.

Our seat grinder motors are engineered from the ground up for seat grinding.

Our operating supplies have a solid reputation for being the best available.

Give us a try. You will be pleased with the **Kwik-Way** quality and our commitment to **100% total customer satisfaction.**



www.kwik-way.com

800-553-5953

Valve & Seat Grinding

Sioux™-Style Replacement Seat Grinder Motors

Kwik-Way seat grinding motors are durable and designed to provide lasting accuracy in all seat grinding applications



SGH-SX 45° Electric Motor Unit

Our world famous seat grinder motor is now available with the Sioux™ STAR driver. 11,500 rpm, high-torque motor unit delivers the power you need for fast and accurate seat grinding.

034-3100-21 SGH-SX, 115V
034-3100-28 SGH-SX, 230V



SGA-SX Inline Air Motor Unit

High quality, heavy duty air motor unit rated at 11,500 rpm; for fast, effective seat grinding. Equipped with the Sioux™ STAR driver. (Requires 6-8 CFM @ 90 psi)

034-3100-41 SGA-SX



SGL-SX Aviation Electric Motor Unit

Extended reach motor unit designed to replace the out-of-production Sioux™ aviation unit. Works well on most Lycoming and Continental engine configurations and applications where the valve guides are fairly parallel to the cylinder bore. Equipped with the Sioux™ STAR driver.

034-3030-19 SGL-SX, 115V
034-3030-20 SGL-SX, 230V



Valve Refacer Wheels

High Quality Valve Refacer Wheels to fit your Sioux™ Valve Refacer. Manufactured using our proprietary formula by the world's largest abrasive company.

Try one and see for yourself why our abrasives lead the industry for finish, quality and longevity.



Carbide Pilots

Kwik-Way also offers a full range of carbide .385 top size pilots for your seat cutting applications.



Sioux™-Style Stone Holders

Precision machining and high quality bearings make this one of the best Sioux™-style stone holders available today.

Manufactured, assembled and tested in Marion, Iowa by our skilled craftsmen.

034-1702-00 Stone Holders

General Purpose Stones

Deliver a good finish on a wide range of valve seat materials.



Hard Alloy Stones

Will grind the hardest of valve seats with little difficulty.

Finish Stones: For a glass-smooth finish.



Competitively Priced • Same Day Shipping • 100% Satisfaction Guaranteed

Sioux™-Style Operating Supplies

SIoux™ Seat Grinding Pilots — .385 top

Our Sioux™ seat grinding pilots are manufactured in KWIK-WAY's facility. We exceed OEM specifications for diameter, concentricity, straightness, material, and hardness; providing a more concentric seat for today's high performance engines. All this at an attractive price.

SIoux™ PART #	DECIMAL	MM	ORDER PART #
	.1950	4.95	034-1950-00
T196	.1960	4.98	034-1960-00
T197	.1970	5.00	034-1970-00
	.2155	5.47	034-2155-00
	.2165	5.50	034-2165-00
	.2175	5.52	034-2175-00
	.2350	5.97	034-2350-00
T236	.2360	5.99	034-2360-00
T237	.2370	6.02	034-2370-00
T250	.2500	6.35	034-2500-00
T251	.2510	6.38	034-2510-00
	.2580	6.55	034-2580-00
	.2590	6.58	034-2590-00
T260	.2600	6.60	034-2600-00
T261	.2610	6.63	034-2610-00
T262	.2620	6.65	034-2620-00
	.2630	6.68	034-2630-00
	.2730	6.93	034-2730-00
	.2740	6.96	034-2740-00
T275	.2750	6.99	034-2750-00
T276	.2760	7.01	034-2760-00
T277	.2770	7.04	034-2770-00
T278	.2780	7.06	034-2780-00
T280	.2800	7.11	034-2800-00
T281	.2810	7.14	034-2810-00
T282	.2820	7.16	034-2820-00
T310	.3100	7.87	034-3100-00
T311	.3110	7.90	034-3110-00
	.3125	7.94	034-3125-00
T313	.3130	7.95	034-3130-00
T314	.3140	7.98	034-3140-00
	.3150	8.00	034-3150-00
T316	.3160	8.03	034-3160-00
T317	.3170	8.05	034-3170-00
T318	.3180	8.08	034-3180-00
	.3390	8.61	034-3390-00
T370	.3400	8.64	034-3400-00
T341	.3410	8.66	034-3410-00
T342	.3420	8.69	034-3420-00
T343	.3430	8.71	034-3430-00
T344	.3440	8.74	034-3440-00

SIoux™ PART #	DECIMAL	MM	ORDER PART #
T345	.3450	8.76	034-3450-00
T346	.3460	8.79	034-3460-00
T347	.3470	8.81	034-3470-00
T348	.3480	8.84	034-3480-00
	.3520	8.94	034-3520-00
T353	.3530	8.97	034-3530-00
T354	.3540	8.99	034-3540-00
T355	.3550	9.02	034-3550-00
T356	.3560	9.04	034-3560-00
T357	.3570	9.07	034-3570-00
	.3580	9.09	034-3580-00
	.3590	9.12	034-3590-00
	.3600	9.14	034-3600-00
	.3680	9.35	034-3680-00
	.3690	9.37	034-3690-00
	.3700	9.40	034-3700-00
T371	.3710	9.42	034-3710-00
T372	.3720	9.45	034-3720-00
T373	.3730	9.47	034-3730-00
T374	.3740	9.50	034-3740-00
T375	.3750	9.53	034-3750-00
T376	.3760	9.55	034-3760-00
T377	.3770	9.58	034-3770-00
T378	.3780	9.60	034-3780-00
T379	.3790	9.63	034-3790-00
	.3800	9.65	034-3800-00
	.3900	9.91	034-3900-00
	.3920	9.96	034-3920-00
T393	.3930	9.98	034-3930-00
T394	.3940	10.01	034-3940-00
T395	.3950	10.03	034-3950-00
T396	.3960	10.06	034-3960-00
	.4320	10.97	034-4320-00
T433	.4330	11.00	034-4330-00
T434	.4340	11.02	034-4340-00
T435	.4350	11.05	034-4350-00
T436	.4360	11.07	034-4360-00
T437	.4370	11.10	034-4370-00
T438	.4380	11.13	034-4380-00
T439	.4390	11.15	034-4390-00
T440	.4400	11.18	034-4400-00

Valve & Seat Grinding Supplies

For the best in diamond tools, valve wheels and stone holders, rely on Kwik-Way Quality.

DIAMOND TOOL

Sioux™ Part #	Size	Order Part #
No. 1715	3/8" X 24	031-1116-33

VALVE WHEELS for Sioux™ Valve Refacers

Sioux™ Part #	Size	Order Part #
No. 175	7" GP	034-0768-75
No. 177	7" Stellite	034-0768-78
No. 81	4" Tip Wheel	034-0400-00

STONE HOLDER

Sioux™ Part #	Size	Order Part #
No. 1702	11/16" X 16	034-1702-00

SIoux™ Seat Grinding Stones

Sioux™ seat grinding wheels/stones are made with the same premium abrasives used in the manufacture of Kwik-Way seat grinding wheels, offering the highest quality at a competitive price.

GENERAL PURPOSE STONES - 15°

1-1/4" (32mm)	034-9000-01
1-1/2" (38mm)	034-9000-02
1-5/8" (41mm)	034-9000-03
1-11/16" (43mm)	034-9000-04
1-3/4" (44mm)	034-9000-05
1-7/8" (48mm)	034-9000-06
2" (51mm)	034-9000-07
2-1/8" (54mm)	034-9000-08
2-1/4" (57mm)	034-9000-09

STELLITE STONES - 15°

1-5/8" (41mm)	034-9000-13
1-11/16" (43mm)	034-9000-14
1-3/4" (44mm)	034-9000-15
1-7/8" (48mm)	034-9000-16
2" (51mm)	034-9000-17
2-1/8" (54mm)	034-9000-18
2-1/4" (57mm)	034-9000-19

FINISHING STONES - 15°

1-1/4" (32mm)	034-9000-21
1-1/2" (38mm)	034-9000-22
1-5/8" (41mm)	034-9000-23
1-11/16" (43mm)	034-9000-24
1-3/4" (44mm)	034-9000-25
1-7/8" (48mm)	034-9000-26
2" (51mm)	034-9000-27
2-1/8" (54mm)	034-9000-28
2-1/4" (57mm)	034-9000-29

Valve & Seat Grinder Accessories



031-1900-02 HD Wheel Dresser

Specify .385 Pilot (031-0202-55) when ordering (included at no charge)

Heavy Duty Wheel Dresser

The Best Wheel Dresser in the Industry! It features a diamond carrier mounted on ball bearings, easily set to dress seat grinding wheels to any angle from 0-90° - graduated in 1° increments. Includes diamond and pilot.

- Fully adjustable
- Quick, simple operation
- Designed for maximum accuracy
- Ball bearings for longer life



.385 Concentricity Gauge

For measuring valve seat concentricity. The gauge sleeve remains stationary while the probe measures and sends the reading to the dial indicator. This feature makes the gauge both accurate and very user friendly.

029-0323-85 Concentricity Gauge



Small Valve Collet Chuck

Permits grinding short valves with smaller stems. Does not require changing chucks.

Collet fits into existing chuck. Requires minimum 1/2" chuck capacity. Standard with 4 mm / 5 mm / 5.5 mm / 6 - mm collets. Optional collets available.



Valve Grinding Oil

High quality valve grinding oil - specially formulated for valve refacers.

000-2112-73 1 Gallon Size

000-2112-95 5 Gallon Size

Cylinder Head Stands

Designed to hold a wide variety of cylinder heads for seat grinding. Simple to use.

044-1004-00

Cylinder Head Stands
(Set of 2)



Time To Update Your Valve Refacer?

Call to get a full-color brochure of the Kwik-Way model SVS II Deluxe and see why this has been the world's **NUMBER ONE** selling valve refacer for over 20 years!

Contact Your Distributor Today

Or Call 800-553-5953
(+1- 319-377-9421 outside the US)



Quality, Accuracy, Longevity, Price.
There is NO EQUAL.



Valve Refacers & Cabinets



Boring Bars



Boring Fixtures & Stands



Seat Grinder Sets



Flywheel Grinders



Parts & Supplies

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