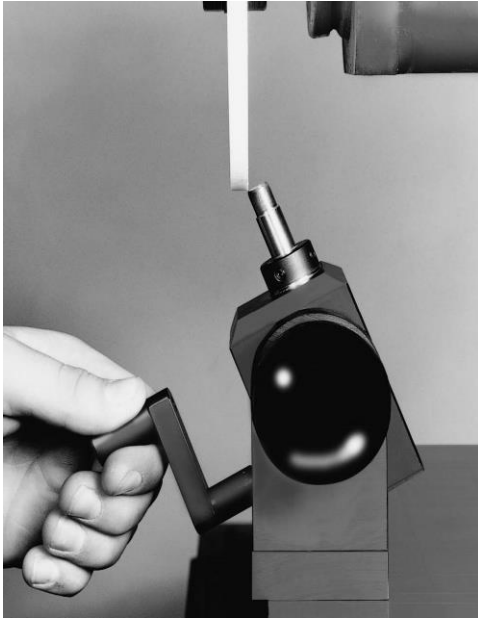
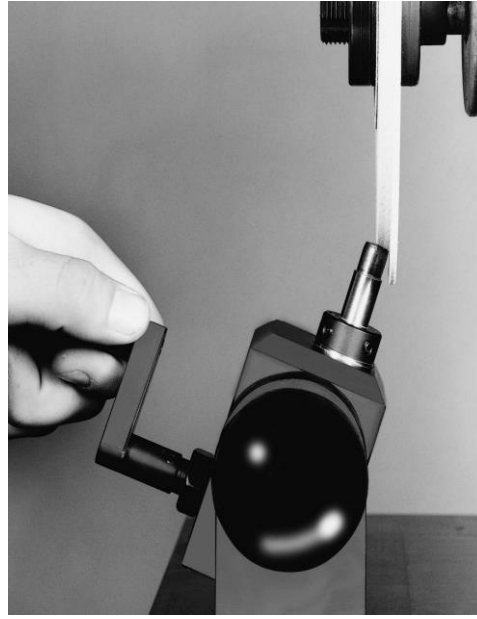


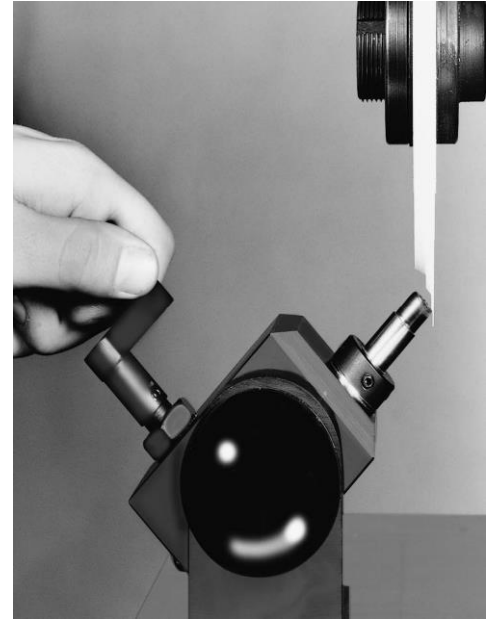
NARROW WHEEL DRESSER



At 25 - degrees, tool dresses the back of Grinding Wheel.



At 20 - degrees, the front of the Grinding Wheel is dressed.



For under .040", set dresser at 45 - degrees.

This Narrow Wheel Dresser is designed to dress the sides of grinding wheels quickly to a very thin width. This method directs the pressure up into the wheel, not to the side.

The rate of stock removal and the width to be dressed are determined by the wheel structure, hardness, density, and grit size. The Narrow Wheel Dresser will dress the sides of any width wheel to a specific size quickly and accurately.

This Narrow Wheel Dresser has successfully dressed wheels down to .010" with minimum wheel failure.

To operate, set the Narrow Wheel Dresser at 25-degrees to true up the back of the wheel. Rotate the crank in counterclockwise direction and feed the wheel down.

Next, set the dresser at 20-degrees and rough-dress the front side down to 0.40". Stock removal failure depends on wheel structure. Dresser will easily remove 3/16-inch on one pass on most wheels. To dress wheels below .040", set dresser at 45-degrees.

PATENTED

Hermann Schmidt® Tools are Made in the USA.



Narrow Wheel Dresser

To determine what wheel to use, under normal conditions, multiply the grain size X 3.

Example:

Grain Size of A 100 Grit Wheel is .0068" x 3 = .0204"

Average Particle Size of Abrasive Grain		
Grit Size	Inches	Microns
4	.2577	6848
6	.2117	5630
8	.1817	4620
10	.1366	3460
12	.1003	2550
14	.0830	2100
16	.0655	1660
20	.0528	1340
24	.0408	1035
30	.0365	930
36	.0280	710
46	.0200	508
54	.0170	430
60	.0160	406
70	.0131	328
80	.0105	266
90	.0085	216
100	.0068	173
120	.0056	142
150	.0048	122
180	.0034	86
220	.0026	66
240	.00248	63
280	.00175	44
320	.00128	32
340	.00090	23
500	.00065	16
600	.00033	8
900	.00024	6
L.A.	.00012	3

Other conditions such as wheel density will affect how thin a wheel can be made. For example if you use a more open wheel structure a finer grit size will be required to achieve the same thickness.