

ABRASIVES



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- Use on valve guides, cam bearing bores, main bearing bores, lifter bores, pneumatic cylinders, engine cylinders, brake cylinders, drums and rotors, hydraulic guides, pumps, and compressors.

- The Flex-Hone® Tool is resilient, flexible honing tool with soft cutting action. It's unique construction allows the abrasive globules or "stones" to float, assuring the tool will be self-centering, self-aligning to the bore and self-compensating for wear.

- The Flex-Hone® Tool removes peaks and other imperfections in cylinder walls, creating a desirable plateaued finish. The result is reduction in localized heat and friction and improved performance.

Silicon Carbide

Standard Duty Flex-Hones®

- 4mm – 3/16" are 6" OAL
- 5mm – 3" are 8" OAL
- 3-1/4" – 4-5/8" are 13-1/2"



Heavy Duty Flex-Hones®

- 3" – 4-1/2" are 13-1/2" OAL
- 5" – 8" are 17-1/2" OAL

FLEX-HONE MODEL NO.	BORE SIZE	120 GRIT		180 GRIT		240 GRIT		320 GRIT	
		ORDER NO.	PRICE EACH	ORDER NO.	PRICE EACH	ORDER NO.	PRICE EACH	ORDER NO.	PRICE EACH
BC-4MM	(0.157)	—	—	5690-151	\$27.00	5690-152	\$28.60	5690-153	\$40.50
BC-4.5MM	(0.177)	—	—	5690-171	26.60	5690-172	28.20	5690-173	39.90
BC-3/16"	(4.75MM)	—	—	5690-181	26.90	5690-182	27.70	5690-183	39.30
BC-5MM	(0.197)	5690-190	\$25.30	5690-191	25.30	5690-192	26.80	5690-193	38.00
BC-5.5MM	(0.217)	5690-210	25.70	5690-211	25.70	5690-212	27.30	5690-213	38.60
BC-6.4MM	(0.25)	5690-250	17.60	5690-251	17.60	5690-252	18.70	5690-253	26.50
BC-7MM	(0.276)	5690-270	17.80	5690-271	17.80	5690-272	18.90	5690-273	26.60
BC-8MM	(0.315)	5690-310	18.70	5690-311	18.70	5690-312	19.80	5690-313	28.00
BC-9MM	(0.354)	5690-350	19.40	5690-351	19.40	5690-352	20.60	5690-353	29.10
BC-9.5MM	(0.375)	5690-370	21.50	5690-371	21.50	5690-372	22.80	5690-373	32.20
BC-10MM	(0.394)	5690-390	21.70	5690-391	21.70	5690-392	22.90	5690-393	32.50
BC-11MM	(0.433)	5690-430	22.20	5690-431	22.20	5690-432	23.50	5690-433	33.20
BC-12MM	(0.472)	5690-470	22.60	5690-471	22.60	5690-472	24.00	5690-473	33.90
BC-1/2"	(12.7MM)	5690-500	23.10	5690-501	23.10	5690-502	24.40	5690-503	34.50
BC-14MM	(0.552)	5690-550	23.20	5690-551	23.20	5690-552	24.50	5690-553	34.80
BC-5/8"	(16MM)	5690-620	24.50	5690-621	24.50	5690-622	25.90	5690-623	36.70
BC-18MM	(0.709)	5690-700	25.20	5690-701	25.20	5690-702	26.60	5690-703	37.70
BC-3/4"	(19MM)	5690-750	25.80	5690-751	25.80	5690-752	27.30	5690-753	38.70
BC-20MM	(0.787)	5690-780	25.90	5690-781	25.90	5690-782	27.40	5690-783	38.80
BC-7/8"	(22MM)	5690-870	26.00	5690-871	26.00	5690-872	27.60	5690-873	39.10
BC-15/16"	(23.8MM)	5690-930	26.90	5690-931	26.90	5690-932	28.60	5690-933	40.40
BC-1"	(25.4MM)	5691-000	27.80	5691-001	27.80	5691-002	29.50	5691-003	41.70
BC-1-1/8"	(29MM)	5691-120	29.20	5691-121	29.20	5691-122	31.00	5691-123	43.90
BC-1-1/4"	(31.8MM)	5691-250	31.50	5691-251	31.50	5691-252	33.40	5691-253	47.30
BC1-3/8"	(35MM)	5691-370	32.40	5691-371	32.40	5691-372	34.40	5691-373	48.60
BC-1-1/2"	(38MM)	5691-500	34.80	5691-501	34.80	5691-502	36.80	5691-503	52.10
BC-1-5/8"	(41MM)	5691-620	34.80	5691-621	34.80	5691-622	36.90	5691-623	52.20
BC-1-3/4"	(45MM)	5691-750	36.30	5691-751	36.30	5691-752	38.50	5691-753	54.50
BC-1-7/8"	(48MM)	5691-870	37.00	5691-871	37.00	5691-872	39.30	5691-873	55.50
BC-2"	(51MM)	5692-000	37.70	5692-001	37.70	5692-002	40.00	5692-003	56.60
BC-2-1/8"	(54MM)	5692-120	39.30	5692-121	39.30	5692-122	41.60	5692-123	58.90
BC-2-1/4"	(57MM)	5692-250	40.80	5692-251	40.80	5692-252	43.30	5692-253	61.20
BC-2-3/8"	(60MM)	5692-370	42.40	5692-371	42.40	5692-372	44.90	5692-373	63.60
BC-2-1/2"	(64MM)	5692-500	44.00	5692-501	44.00	5692-502	46.60	5692-503	65.90
BC-2-5/8"	(67MM)	5692-620	46.30	5692-621	46.30	5692-622	49.00	5692-623	69.40
BC-2-3/4"	(70MM)	5692-750	48.50	5692-751	48.50	5692-752	51.40	5692-753	72.80
BC-2-7/8"	(73MM)	5692-870	52.50	5692-871	52.50	5692-872	55.60	5692-873	78.70
BC-3"	(76MM)	5693-000	56.30	5693-001	56.30	5693-002	59.70	5693-003	84.50
GB-3-1/4"	(83MM)	5693-100	64.80	5693-101	64.80	5693-102	68.70	5693-103	97.20
GB-3-1/2"	(89MM)	5693-120	69.00	5693-121	69.00	5693-122	73.20	5693-123	103.60
GB-3-3/4"	(95MM)	5693-140	74.30	5693-141	74.30	5693-142	78.80	5693-143	111.50
GB-4-1/8"	(105MM)	5693-160	79.10	5693-161	79.10	5693-162	83.80	5693-163	118.70
GB-4-5/8"	(118MM)	5693-180	88.10	5693-181	88.10	5693-182	93.40	5693-183	132.20

FLEX-HONE MODEL NO.	BORE SIZE	120 GRIT		180 GRIT		240 GRIT		320 GRIT	
		ORDER NO.	PRICE EACH	ORDER NO.	PRICE EACH	ORDER NO.	PRICE EACH	ORDER NO.	PRICE EACH
GBD-3"	(76MM)	5693-300	\$93.90	5693-301	\$ 93.90	5693-302	\$ 99.60	5693-303	\$140.90
GBD-3-1/4"	(83MM)	5693-320	97.00	5693-321	97.00	5693-322	102.80	5693-323	145.30
GBD-3-1/2"	(89MM)	5693-340	99.80	5693-341	99.80	5693-342	105.80	5693-343	149.70
GBD-3-3/4"	(95MM)	5693-360	107.00	5693-361	107.00	5693-362	113.40	5693-363	160.50
GBD-4"	(101MM)	5693-380	114.20	5693-381	114.20	5693-382	121.10	5693-383	171.30
GBD-4-1/4"	(108MM)	5693-400	122.00	5693-401	122.00	5693-402	129.40	5693-403	182.20
GBD-4-1/2"	(114MM)	5693-420	129.90	5693-421	129.90	5693-422	137.70	5693-423	194.90
GBD-5"	(127MM)	5693-440	147.90	5693-441	147.90	5693-442	156.70	5693-443	239.20
GBD-5-1/2"	(140MM)	5693-460	162.20	5693-461	162.20	5693-462	171.90	5693-463	262.40
GBD-6"	(152MM)	5693-480	175.70	5693-481	175.70	5693-482	186.20	5693-483	284.30
GBD-6-1/2"	(165MM)	5693-500	189.40	5693-501	189.40	5693-502	200.80	5693-503	306.40
GBD-7"	(178MM)	5693-520	206.50	5693-521	206.50	5693-522	218.90	5693-523	334.00
GBD-7-1/2"	(190MM)	5693-540	227.10	5693-541	227.10	5693-542	240.70	5693-543	367.30
GBD-8"	(203MM)	5693-560	248.20	5693-561	248.20	5693-562	263.10	5693-563	401.60

Trulock Crimped Wire Wheel Brushes



Orbitor Bench Grinder Brushes



Features plastic snap-out arbor hole adapter.
Other arbor hole available on request

DIA.	WIRE SIZE	ARBOR HOLE	TRIM LENGTH	FACE WIDTH	MAX SAFE FREE SPEED (RPM)	STD. PKG.	ITEM NO.	PRICE EACH
Narrow Face								
4	.008	1/2-3/8†	7/8	1/2	6,000	2	6500-104	\$50.72
4	.0095	1/2-3/8†	7/8	1/2	6,000	2	6500-124	24.35
6	.008	5/8-1/2†	1-7/16	3/4	6,000	10	6501-045	41.72
6	.014	5/8-1/2†	1-7/16	3/4	6,000	10	6501-075	30.41
8	.0118	5/8-1/2†	2-1/16	3/4	6,000	2	6501-165	47.91
8	.014	5/8-1/2†	2-1/16	1/2	6,000	2	6501-175	42.37
10	.0118	3/4	2-1/2	3/4	4,000	2	6501-248	63.09
10	.014	3/4	2-1/2	3/4	4,000	2	6501-258	60.59
Medium Face								
6	.0118	2††	1-1/8	1	6,000	1	6506-070	58.46
6	.014	2††	1-1/8	1	6,000	1	6506-080	59.03
8	.0118	2††	1-3/8	1	4,000	1	6506-110	88.78
8	.014	2††	1-3/8	1	4,000	1	6506-120	88.31
10	.0118	2*	2	1-1/8	3,600	1	6506-150	145.89
10	.014	2**	2	1-1/8	3,600	1	6506-160	143.40
Wide Face								
6	.0118	2††	1-1/8	1-1/8	6,000	1	6503-060	89.38
8	.0118	2††	1-3/8	1-3/8	4,000	1	6503-140	137.85
10	.0118	2††	1-7/8	1-5/8	4,000	1	6503-190	241.80

† Features plastic snap-out arbor hole adapter
†† Other arbor holes available using metal adapter. Please specify.
* 1/2 x 1/4 Double keyway and uses metal adapter.

DIA.	WIRE SIZE	ARBOR HOLE	TRIM LENGTH	FACE WIDTH	MAX SAFE FREE SPEED (RPM)	STD. PKG.	ITEM NO.	PRICE EACH
Narrow Face								
6	.014	5/8-1/2	1-1/16	5/8	6,000	1	6502-325	\$34.58
7	.014	5/8-1/2	1-9/16	3/4	6,000	1	6502-335	42.55
Medium Face								
6	.014	5/8-1/2	1-1/8	7/8	6,000	1	6506-645	42.97
7	.014	5/8-1/2	1-5/8	7/8	6,000	1	6506-655	50.07

Copper Center Wire Wheels

Wire Fill



DIA.	WIRE SIZE	ARBOR HOLE	TRIM LENGTH	FACE WIDTH	MAX SAFE FREE SPEED (RPM)	STD. PKG.	ITEM NO.	PRICE EACH
2	.006	1/2	1/2	3/8	20,000	10	6515-433	\$11.81
2	.014	1/2-3/8	1/2	3/8	20,000	10	6515-473	8.71
3	.006	5/8	15/16	1/2	20,000	10	6515-637	17.11
3	.014	1/2	1	1/2	20,000	10	6515-553	11.88
3	.014	1/2-3/8	1	1/2	20,000	10	6515-573	10.41

Metal Adapters For Wire Wheel Brushes

(Used in pairs)

ADAPTER ARBOR SIZE	STD. PKG.	ORDER SIZE	PRICE EACH
1/2	1 Pr.	6503-809	\$7.56
5/8	1 Pr.	6503-810	5.04
3/4	1 Pr.	6503-811	5.04
7/8	1 Pr.	6503-824	7.56
1	1 Pr.	6503-812	5.04
1 1/4	1 Pr.	6503-813	10.08
1-1/2	1 Pr.	6503-814	9.14



Dualife Knot Type Wire Wheel Brushes



Standard Twist

DIA.	WIRE SIZE	ARBOR HOLE	TRIM LENGTH	FACE WIDTH	MAX SAFE FREE SPEED (RPM)	STD. PKG.	ITEM NO.	PRICE EACH
4	.014	1/2-3/8†	7/8	1/2	20,000	10	6508-044	\$32.15
4	.020	1/2-3/8†	7/8	1/2	20,000	10	6508-064	31.75
6	.016	5/8-1/2†	1-3/8	1/2	9,000	10	6508-095	49.23
8	.016	5/8-1/2†	1-5/8	5/8	6,000	2	6508-145	74.07
8	.023	5/8-1/2†	1-5/8	5/8	6,000	2	6508-155	71.95
10	.016	1-1/4*	1-3/4	3/4	4,500	2	6508-189	105.04
12	.014	1-1/4*	2-3/4	3/4	3,600	1	6508-209	136.29
12	.020	1-1/4*	2-1/4	5/8	5,000	2	6509-719	174.58
15	.016	1-1/4*	4-1/4	7/8	3,600	2	6508-249	175.63

† Features plastic snap-out arbor hole adapter Other diameters, arbor hole, or wire sizes available on request.
* 5/16 x 5/32 Double Keyway

Standard Twist Stainless Steel

DIA.	WIRE SIZE	ARBOR HOLE	TRIM LENGTH	FACE WIDTH	MAX SAFE FREE SPEED (RPM)	STD. PKG.	ITEM NO.	PRICE EACH
4	.020	1/2-3/8	7/8	1/2	20,000	10	6508-314	\$65.62
6	.016	5/8-1/2	1-3/8	1/2	9,000	2	6508-345	119.85
8	.016	5/8-1/2	1-5/8	5/8	6,000	2	6508-395	177.87

Standard Twist-Wide Face (Double Sections)

DIA.	WIRE SIZE	ARBOR HOLE	TRIM LENGTH	FACE WIDTH	MAX SAFE FREE SPEED (RPM)	STD. PKG.	ITEM NO.	PRICE EACH
6	.016	2	1-3/8	7/8	9,000	5	6509-180	\$111.63
8	.016	2	1-5/8	1	6,000	1	6509-430	162.41
10	.016	2	1-3/4	1-1/4	4,500	1	6509-480	216.79
12	.014	2	2-3/4	1-1/4	3,600	1	6509-530	278.77

Other arbor holes available using metal adapter

Cup Brushes



Knot Type - Single Row



Knot Type - Double Row



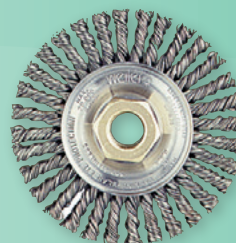
Crimped Wire

DIA.	WIRE SIZE	ARBOR HOLE	TRIM LENGTH	MAX SAFE FREE SPEED (RPM)	STD. PKG.	ITEM NO.	PRICE EACH
Knot Type – Single Row							
4	.014	5/8-11	1-1/4	9,000	1	6512-306	\$51.36
4	.023	5/8-11	1-1/4	9,000	1	6512-316	46.60
4	.035	5/8-11	1-1/4	9,000	1	6512-326	46.74
6	.014	5/8-11	1-1/2	6,600	1	6512-356	99.94
6	.023	5/8-11	1-1/2	6,600	1	6512-376	93.70
6	.035	5/8-11	1-1/2	6,600	1	6512-396	92.03
Knot Type – Double Row – Heavy Duty							
6	.023	5/8-11	1-3/8	6,600	1	6512-556	130.53
Crimped Wire Medium & Light Duty Applications							
4	.014	5/8-11	1-3/8	9,000	1	6514-026	42.52
4	.020	5/8-11	1-3/8	9,000	1	6514-036	39.90
6	.014	5/8-11	1-1/4	6,600	1	6514-066	72.42
6	.020	5/8-11	1-1/4	6,600	1	6514-076	65.14
Knot Type – Single Row – Heavy Duty – Stainless Steel							
4	.014	5/8-11	1-1/4	9,000	1	6512-406	114.84
4	.023	5/8-11	1-1/4	9,000	1	6512-416	110.03
4	.014	5/8-11	1-3/8	6,600	1	6512-456	223.11
6	.023	5/8-11	1-3/8	6,600	1	6512-476	193.33

Mighty-Mite Brushes for Small Angle Grinders

Knot Type Wire Wheel- Stringer Bead Twist

DIA.	WIRE SIZE	ARBOR HOLE	TRIM LENGTH	FACE WIDTH	MAX SAFE FREE SPEED (RPM)	STD. PKG.	ITEM NO.	PRICE EACH
4	.020	5/8-11	7/8	3/16	20,000	5	6513-131	\$23.76
4	.020	M 10 x 1.25	7/8	3/16	20,000	5	6513-125	26.14
4	Stainless .020	M 10 x 1.25	7/8	3/16	20,000	5	6513-132	47.52
4	Stainless .020	5/8-11	7/8	3/16	20,000	5	6513-138	44.38



Knot Type - Wire Wheel Cable Twist



Crimped Wire Cup Brush



DIA.	WIRE SIZE	ARBOR HOLE	TRIM LENGTH	FACE WIDTH	MAX SAFE FREE SPEED (RPM)	STD. PKG.	ITEM NO.	PRICE EACH
4	.020	5/8-11	7/8	1/4	20,000	5	6513-266	\$34.80

DIA.	WIRE SIZE	ARBOR HOLE	TRIM LENGTH	MAX SAFE FREE SPEED (RPM)	STD. PKG.	ITEM NO.	PRICE EACH
3	.014	M10 x 1.25	7/8	14,000	1	6513-240	\$29.28
3	.014	5/8-11	7/8	14,000	1	6513-245	29.10

Knot Type - Cup Brush Single Row



DIA.	WIRE SIZE	ARBOR HOLE	TRIM LENGTH	MAX SAFE FREE SPEED (RPM)	STD. PKG.	ITEM NO.	PRICE EACH
2-3/4	.020	M10 x 1.25	7/8	14,000	1	6513-281	\$30.91
2-3/4	.020	1/2-13	7/8	14,000	1	6513-285	30.91
2-3/4	.020	5/8-11	7/8	14,000	1	6513-286	30.91

Nylox Filament Brushes

Nylox Wheels Crimped Filament



Crimped Filament Disc Silicon Carbide – Composite Hub



DIA.	ARBOR HOLE	FILAMENT DIAM. AND GRIT SIZE	TRIM LENGTH	FACE WIDTH	THICKNESS THROUGH ARBOR	MAX SAFE FREE SPEED (RPM)	STD. PKG.	ITEM NO.	PRICE EACH
6	2	.002/320	1-1/4	1	1-1/16	5,000	2	6583-010	\$90.45
6	2	.035/180	1-1/4	1	1-1/16	5,000	2	6583-030	90.45
6	2	.040/120	1-1/4	1	1-1/16	5,000	2	6583-040	90.45
6	2	.040/80	1-1/4	1	1-1/16	5,000	2	6583-050*	90.45
8	2	.002/320	2-1/4	1	3/4	5,000	2	6583-110	125.22
8	2	.035/180	2-1/4	1	3/4	5,000	2	6583-130	125.22
8	2	.040/120	2-1/4	1	3/4	5,000	2	6583-140*	125.22
10	2	.040/80	2-1/4	1	3/4	5,000	2	6583-150	125.22
10	2	.035/180	3	1	1-1/16	4,500	2	6583-330	167.43
10	2	.040/120	3	1	1-1/16	4,500	2	6583-340	167.43
10	2	.040/80	3	1	1-1/16	4,500	2	6583-350	167.43

DIAMETER INCHES	FILAMENT DIA./GRIT	ARBOR HOLE	TRIM LENGTH	MAX. RPM	ITEM NO.	PRICE EACH
4"	.035/180	7/8"	1-1/2"	2,500	6585-814	\$154.49
4"	.040/120	7/8"	1-1/2"	2,500	6585-816	154.49
4"	.040/80	7/8"	1-1/2"	2,500	6585-818*	154.49
6"	.035/180	7/8"	1-1/2"	2,000	6585-850	230.99
6"	.040/120	7/8"	1-1/2"	2,000	6585-852	230.99
6"	.040/80	7/8"	1-1/2"	2,000	6585-854	230.99
8"	.035/180	7/8"	1-1/2"	2,000	6585-908	361.96

*Minimum order quantity: (48)

Other arbor holes available using metal adapter. Please specify.

*Minimum order quantities: 6" .040/80 (38); 8" .040/120 (50)

Nylox Cup Brushes



DIA.	ARBOR HOLE	FILAMENT DIAM. AND GRIT SIZE	TRIM LENGTH	THICKNESS THROUGH ARBOR	MAX SAFE FREE SPEED (RPM)	STD. PKG.	ITEM NO.	PRICE EACH
2-3/4	1/4 Stem	.022/320	1-1/4	1-1/16	6,000	1	6514-401	\$50.04
2-3/4	1/4 Stem	.035/180	1-1/4	1-1/16	6,000	1	6514-403	49.75
2-3/4	1/4 Stem	.040/120	1-1/4	1-1/16	6,000	1	6514-404	49.75
3-1/2	5/8-11	.035/180	1-1/2	3/4	12,000	1	6514-413	69.24
3-1/2	5/8-11	.040/120	1-1/2	3/4	8,000	1	6514-414	69.24
5	5/8-11	.040/120	1-1/4	3/4	8,000	1	6514-576	112.99
6	5/8-11	.040/120	1-1/4	1-1/16	6,500	1	6514-516	121.95
6	5/8-11	.040/80	1-1/4	1-1/16	6,000	1	6514-506	121.95

Rectangular Filament Disc (.045 x .090) Silicon Carbide– Composite Hub

DIAMETER INCHES	ARBOR HOLE	GRIT SIZE	TRIM LENGTH	MAX. RPM	ITEM NO.	PRICE EACH
4"	7/8"	120	1-1/2"	2,500	6585-824*	\$169.92
4"	7/8"	80	1-1/2"	2,500	6585-826	169.92
6"	7/8"	120	1-1/2"	2,000	6585-860*	233.86
6"	7/8"	80	1-1/2"	2,000	6585-862	233.86
8"	7/8"	120	1-1/2"	2,000	6585-920	372.43
8"	7/8"	80	1-1/2"	2,000	6585-922*	372.43

*Min. order quantities: 4" 120G (48); 6" 120G (30); 8" 80G (30)

Nylox Tube Brushes



DIA.	FILAMENT DIAM. AND GRIT SIZE	BRUSH LENGTH	STEM DIA.	OVERALL LENGTH	STD. PKG.	ITEM NO.	PRICE EACH
1/4	.002/320	1-1/2	1/8	4	10	6521-126	\$12.52
3/8	.035/180	1-1/2	1/8	4	10	6521-128	12.71
1/2	.040/120	2	5/32	5	10	6521-130*	11.09
5/8	.002/320	2	7/32	5	10	6521-132	11.68
3/4	.035/180	2-1/2	7/32	5-1/2	10	6521-134	11.82
7/8	.040/120	2-1/2	1/4	5-1/2	10	6521-136	12.57
1	.040/120	2-1/2	1/4	5-1/2	10	6521-138	11.96
1-1/8	.002/320	2-1/2	1/4	5-1/2	10	6521-302	7.60
1-1/4	.035/180	2-1/2	1/4	5-1/2	10	6521-306	12.78
1-1/2	.040/120	2-1/2	1/4	5-1/2	10	6521-309	13.31

*Minimum order quantity: (40)

Nylon Disc Brush Drive Arbors

Mounts Weiler disc brushes to any type
of milling machine or CNC machine



DESCRIPTION	ITEM NO.	PRICE EACH
For 4" diameter disc brushes with 1-1/4" diameter bolt circle	6507-700	\$299.52
For 6" diameter disc brushes with 3" diameter bolt circle	6507-701	366.12
For 8" diameter disc brushes with 3" diameter bolt circle	6507-702	397.06
Standard 3/4" diameter shaft, 2" long. Standard 7/8" diameter shouldered spindle.		

Power and Hand Tube Brushes



Single Stem, Single Spiral "STS" Type - Eye Handle

DIA.	WIRE SIZE	BRUSH LENGTH	STEM DIAM.	OVERALL LENGTH	STD. PKG.	ITEM NO.	PRICE EACH
3/16	.003	1-1/2	3/32	7	10	6521-090	\$7.12
3/16	.005	1-1/2	3/32	7	10	6521-091	7.12
1/4	.003	1-1/2	3/32	7	10	6521-092	8.00
1/4	.005	1-1/2	3/32	7	10	6521-093	6.91
3/8	.004	2	1/8	8	10	6521-094	7.19
3/8	.006	2	1/8	8	10	6521-095	5.97
1/2	.004	2	1/8	8	10	6521-096	7.58
1/2	.006	2	1/8	8	10	6521-097	5.97

Single Stem, Round "SM" Type - Stainless Steel Stem



Steel Wire							
1/4	.004	1	1/8	3-1/2	10	6521-072	\$6.29
3/8	.004	1	1/8	3-1/2	10	6521-073	6.39
3/8	.008	1	3/16	3-1/2	10	6521-264	5.78
1/2	.005	1	3/16	3-1/2	10	6521-074	5.84
5/8	.005	1	3/16	3-1/2	10	6521-075	6.07
5/8	.008	1	3/16	3-1/2	10	6521-265	6.93
3/4	.006	1	7/32	3-1/2	10	6521-076	7.31
3/4	.008	1	7/32	3-1/2	10	6521-266*	7.18
7/8	.006	1	7/32	3-1/2	10	6521-077	7.56
1	.005	1	1/4	3-1/2	10	6521-078	7.85
1-1/8	.008	1	1/4	3-1/2	10	6521-079	7.89
1-1/4	.008	1	1/4	3-1/2	10	6521-080	7.85
Stainless Steel Wire							
1/4	.004	1	1/8	3-1/2	10	6521-081	7.60
3/8	.008	1	1/8	3-1/2	10	6521-240	6.33
1/2	.005	1	3/16	3-1/2	10	6521-083	7.76
5/8	.005	1	3/16	3-1/2	10	6521-084	7.76
3/4	.006	1	7/32	3-1/2	10	6521-085	8.17
7/8	.006	1	7/32	3-1/2	10	6521-086	8.24
1	.008	1	1/4	3-1/2	10	6521-087	9.40

*Minimum order quantity: (40)

Single Stem, Double Spiral "DS" Type



Single Stem, Double Spiral "DS" Type							
1/2	.006	2	5/32	5	10	6521-107	\$15.06
5/8	.008	2	7/32	5	10	6521-109	15.32
3/4	.0104	2-1/2	1/4	5-1/2	10	6521-111	15.57
7/8	.0104	2-1/2	1/4	5-1/2	10	6521-113	16.14
1	.0104	2-1/2	1/4	5-1/2	10	6521-115	15.87
1-1/4	.0104	2-1/2	1/4	5-1/2	10	6521-167	16.57

End Brushes



Solid End



Knot Type



Crimped Wire Cup

							STAINLESS	
DIA.	WIRE SIZE	TRIM LENGTH	MAX SAFE FREE SPEED (RPM)	STD. PKG.	ITEM NO.	PRICE EACH	ITEM NO.	PRICE EACH
Solid End								
1/2	.006	7/8	25,000	10	6510-001	\$11.93	6510-013	\$15.37
1/2	.0104	7/8	25,000	10	6510-002	11.10	6510-014	14.18
1/2	.014	7/8	25,000	10	6510-003	10.52	6510-015	13.54
1/2	.020	7/8	25,000	10	6510-004	10.19	6510-016	13.42
3/4	.006	7/8	22,000	10	6510-005	18.40	6510-017	22.27
3/4	.0104	7/8	22,000	10	6510-006	13.98	6510-018	20.03
3/4	.014	7/8	22,000	10	6510-007	13.82	6510-019	19.84
3/4	.020	7/8	22,000	10	6510-008	13.33	6510-020	19.26
1	.006	7/8	22,000	10	6510-009	21.98	6510-021	30.96
1	.0104	7/8	22,000	10	6510-010	16.30	6510-022	28.52
1	.014	7/8	22,000	10	6510-011	16.30	6510-023	28.36
1	.020	7/8	22,000	10	6510-012	14.34	6510-024	27.02
Knot Type								
3/4	.020	7/8	20,000	10	6510-026	21.06	6510-030	36.90
1-1/8	.014	7/8	20,000	10	6510-027	23.23	6510-031	47.71
1-1/8	.020	7/8	20,000	10	6510-028	22.87	6510-032	42.74
Crimped Wire Cup Brushes								
1-3/4"	.006	3/4"	13,000	10	6514-300	18.14	-	-
1-3/4"	.0118	3/4"	13,000	10	6514-301	16.01	6514-304	35.28
2-3/4"	.0118	7/8"	6,000	1	6514-302	24.52	-	-

Conflex Narrow Face Crimped Wire Wheel



							STAINLESS	
DIA.	WIRE SIZE	TRIM LENGTH	MAX SAFE FREE SPEED (RPM)	STD. PKG.	ITEM NO.	PRICE EACH	ITEM NO.	PRICE EACH
2	.006	1/2	20,000	10	6517-609	\$22.43	-	-
2	.0118	1/2	20,000	10	6517-610	20.01	-	-
2 1/2	.006	3/4	20,000	10	6517-612	25.70	6517-611	\$32.92
2 1/2	.014	3/4	20,000	10	6517-614	17.06	-	-
3	.008	1	20,000	10	6517-615	26.09	-	-
3	.0118	1	20,000	10	6517-616	19.82	-	-
3	.014	1	20,000	10	6517-617	18.49	6517-618	45.60

Hand Wire Scratch Brushes

Curved Handle



FILL MATERIAL	NUMBER OF ROWS	BLOCK SIZE	BRUSH PART	TRIM LENGTH	STD. PKG.	ITEM NO.	PRICE EACH
.012 STEEL	3 x 19	13 x 1/2 x 1	6	1	12	6525-150	\$2.82
.012 SS	3 x 19	13 x 1/2 x 1	6	1	12	6525-154	4.49
.012 STEEL†	3 x 19	14 x 7/8	5-1/2	1-3/16	12	6544-055	6.21
.012 SS	4 x 18	14 x 1-1/8	6	1	12	6525-202	6.34
.012 STEEL†	4 x 19	14 x 1-1/8	6	1-3/16	12	6544-058	8.98

† With Scraper

Block Type



FILL MATERIAL	NUMBER OF ROWS	BLOCK SIZE	TRIM LENGTH	STD. PKG.	ITEM NO.	PRICE EACH
.012 STEEL	6 x 19	7-1/4 x 2-1/4	1-5/8	12	6544-067	\$8.28

Scraper Type



FILL MATERIAL	NUMBER OF ROWS	BLOCK SIZE	BRUSH PART	TRIM LENGTH	STD. PKG.	ITEM NO.	PRICE EACH
.012 STEEL	4 x 11	11 x 1-1/2	5	1-5/8	12	6525-211	\$4.97

Shoe Handle



FILL MATERIAL	NUMBER OF ROWS	BLOCK SIZE	BRUSH PART	TRIM LENGTH	STD. PKG.	ITEM NO.	PRICE EACH
.012 STEEL	4 x 16	10 x 1	5	1	12	6525-100	\$3.07
.012 SS	4 x 16	10 x 1	5	1	12	6525-104	5.23
.012 STEEL†	4 x 16	10 x 1-1/8	5	1-3/16	12	6544-065	7.89

† With Scraper

Small



HANDLE	FILL MATERIAL	NUMBER OF ROWS	BLOCK SIZE	BRUSH PART	TRIM LENGTH	STD. PKG.	ITEM NO.	PRICE EACH
Plastic	.006 SS	3 x 7	7-1/2 x 1/2	1-3/8	1/2	36	6544-075	\$3.27
Wood	.006 SS	3 x 7	7-1/2 x 1/2	1-3/8	1/2	36	6544-167	3.03
Wood	.006 Brass	3 x 7	7-1/2 x 1/2	1-3/8	1/2	36	6544-189	4.15

Chip and Oil Brushes

Natural White Bristle Wood Handle



WIDTH	THICKNESS	BRISTLE LENGTH	STD. PKG.	ITEM NO.	PRICE EACH
1/2	5/16	1-3/4	30	6540-065	\$0.35
1	5/16	1-3/4	30	6540-066	0.37
1-1/2	5/16	1-3/4	30	6540-067	0.48
2	5/16	1-3/4	20	6540-068	0.57
2-1/2	3/8	1-3/4	20	6540-069	0.76
3	3/8	1-3/4	10	6540-070	1.00
4	5/8	2	10	6540-071	1.96

Counter Dusters



FILL MATERIAL	BRUSH LENGTH	TRIM LENGTH	STD. PKG.	ITEM NO.	PRICE EACH
Black Tampico	8	2-1/2	12	6525-251	\$9.72
Black Synthetic	8	2-1/2	12	6525-252	7.74
Black Horsehair	8	2-1/8	12	6544-003	15.84
Grey Tampico	8	2-1/2	12	6544-004	9.34



Black Horsehair

Parts Cleaning Brush



FILL MATERIAL	DIA.	BRISTLE LENGTH	STD. PKG.	ITEM NO.	PRICE EACH
Nylon	1	2-1/2	12	6525-221	\$4.36
Tampico	1	2-3/4	12	6525-222	4.53

Tin Handle Acid Brushes

WIDTH	TRIM LENGTH	OVERALL LENGTH	STD. PKG.	ITEM NO.	PRICE EACH
3/8	3/4	5-3/4	144	6544-089	\$0.31
1/2	3/4	5-3/4	144	6544-090	0.41

Floor Brushes



Fine Sweeping



Medium Sweeping



Coarse Sweeping

DESCRIPTION	TRIM LENGTH	STD. PKG.	ITEM NO.	PRICE EACH
Fine Sweeping				
18 Block Black Tampico	2-7/8	1	6525-231	\$ 17.53
24 Block Black Synthetic	2-7/8	1	6525-232	25.04
Medium Sweeping				
18 Block Synthetic	3	1	6525-234	16.07
24 Block Synthetic	3	1	6525-235	22.40

DESCRIPTION	TRIM LENGTH	STD. PKG.	ITEM NO.	PRICE EACH
Coarse Sweeping				
18 Block Synthetic	3-1/4	1	6525-238	\$ 15.88
24 Block Synthetic	3-1/4	1	6525-239	23.34
Garage Sweeping				
18 Block Palmyra	4	1	6525-241	14.30
24 Block Palmyra	4	1	6525-242	20.04

Handles

**Threaded End -
60" Overall Length
15/16" Diameter**

Order No. 6544-018

Price Each\$7.49

Surface Grinding Wheels

Vitrified Bonded for Rich Stock Removal and Excellent Rigidity for Precision Grinding

WA – White Aluminum Oxide

Friable grain for light grinding of all steels, particularly tool & die steels.

AZ – Premium Blue Aluminum Oxide

Suitable for HSS grinding on materials 55RC and above. Exceptionally cool, fast cutting.

CG – Green Silicon Carbide

General purpose grinding on tungsten carbide and non-ferrous metals.

AS3 – Synthetic Ceramic Blend

Features a blend of synthetic ceramic grain with PA and WA grains for optimum fracturing. Provides a continuous, sharp cutting action.

32A – Premium Aluminum Oxide

Outstanding firm holding wheels with free cutting grain, ideal for medium to heavy stock removal. Excellent versatility and performance on a wide range of materials.



**Buy
Ctn Qty
Deduct
20%**

RA – Ruby Aluminum Oxide

For fast stock removal on tool steels below 55RC and for high chromium steels. This grain is harder than the PA and AZ.

6 x 1/2 x 1-1/4 – No Recess

GRIT/ HARDNESS	MAX RPM	CTN QTY	WHITE ALUMINUM OXIDE (TYPE WA)		PREMIUM BLUE ALUMINUM OXIDE (TYPE AZ)		SILICON CARBIDE (TYPE CG)	
			ORDER NO.	PRICE EACH	ORDER NO.	PRICE EACH	ORDER NO.	PRICE EACH
60K	4456	10	–	–	3323-024	\$20.75	–	–

7 x 1/4 x 1-1/4 – No Recess

GRIT/ HARDNESS	MAX RPM	CTN QTY	WHITE ALUMINUM OXIDE (TYPE WA)		PREMIUM BLUE ALUMINUM OXIDE (TYPE AZ)		SILICON CARBIDE (TYPE CG)		SYNTHETIC CERAMIC GRAIN (TYPE AS3)	
			ORDER NO.	PRICE EACH	ORDER NO.	PRICE EACH	ORDER NO.	PRICE EACH	ORDER NO.	PRICE EACH
46I	3760	10	3320-102	\$18.20	3323-102	\$18.40	–	–	–	–
60I	3760	10	3320-120	18.20	3323-120	18.40	3275-120	\$21.90	–	–
60J	3760	10	3320-122	18.20	3323-122	18.40	–	–	–	–
60K	3760	10	3320-124	18.20	3323-124	18.40	–	–	–	–
80I	3760	10	–	–	–	–	3275-130	21.90	–	–
80J	3760	10	3320-130	18.20	3323-130	18.40	–	–	–	–
80K	3760	10	3320-132	18.20	3323-132	18.40	–	–	3326-134	\$33.15
100I	3760	10	–	–	–	–	3275-140	21.90	–	–
100K	3760	10	3320-148	18.20	3323-148	18.40	–	–	–	–
120K	3760	10	3320-162	18.20	–	–	–	–	–	–
150K	3760	10	3320-186	18.20	3323-186	18.40	–	–	–	–

† Limited Quantities

7 x 1/2 x 1-1/4 – No Recess

GRIT/ HARDNESS	MAX RPM	CTN QTY	WHITE ALUMINUM OXIDE (TYPE WA)		PREMIUM BLUE ALUMINUM OXIDE (TYPE AZ)		PREMIUM GRAY ALUMINUM OXIDE (TYPE 32A)		SILICON CARBIDE (TYPE CG)		SYNTHETIC CERAMIC GRAIN (TYPE AS3)	
			ORDER NO.	PRICE EACH	ORDER NO.	PRICE EACH	ORDER NO.	PRICE EACH	ORDER NO.	PRICE EACH	ORDER NO.	PRICE EACH
46G	3760	10	3320-300†	\$19.69	–	–	–	–	–	–	–	–
46H	3760	10	3320-302	21.65	3323-302	\$23.30	3330-302	\$27.55	–	–	3326-202	\$45.10
46I	3760	10	3320-304	21.65	3323-304	23.30	3330-304	27.55	–	–	–	–
46J	3760	10	3320-306	21.65	3323-306	23.30	3330-306	27.55	–	–	3326-204	45.10
46K	3760	10	3320-308	21.65	3323-308	23.30	3330-308	27.55	–	–	–	–
60H	3760	10	3320-320	21.65	3323-320†	22.78	–	–	–	–	–	–
60I	3760	10	3320-322	21.65	3323-322	23.30	3330-322	27.55	3275-320	\$29.85	–	–
60J	3760	10	3320-324	21.65	3323-324	23.30	–	–	–	–	–	–
60K	3760	10	3320-326	21.65	3323-326	23.30	–	–	–	–	3326-224	45.10
80H	3760	10	–	–	3323-342	23.30	–	–	–	–	–	–
80I	3760	10	–	–	–	–	–	–	3275-330	29.85	–	–
80K	3760	10	3320-346	21.65	3323-346	23.30	–	–	–	–	–	–
100I	3760	10	–	–	–	–	–	–	3275-340	29.85	–	–
100K	3760	10	3320-360	21.65	3323-360	23.30	–	–	–	–	–	–
120K	3760	10	3320-374	21.65	–	–	–	–	–	–	–	–
150K	3760	10	3320-386	21.65	3323-386	23.30	–	–	–	–	–	–

† Limited Quantities

Surface Grinding Wheels



2

**Buy
Ctn Qty
Deduct
20%**

Ruby Red Aluminum Oxide 7 x 1/2 x 1-1/4 – No Recess

GRIT/ HARDNESS	MAX RPM	TYPE RA			PRICE EACH
		CTN QTY	ORDER NO.		
46H	3760	10	3280-102		\$29.25
46J/K	3760	10	3280-108		29.25
60J/K	3760	10	3280-120		29.25

7 x 1/2 x 1-1/4 – Porous Bond – No Recess

GRIT/ HARDNESS	MAX RPM	CTN QTY	PREMIUM BLUE ALUMINUM OXIDE (TYPE AZ)	
			ORDER NO.	PRICE EACH
46H12	3760	10	3323-402	\$25.60

7 x 3/4 x 1-1/4 – Recessed One Side 3 x 1/4"

GRIT/ HARDNESS	MAX RPM	CTN QTY	WHITE ALUMINUM OXIDE (TYPE WA)		PREMIUM BLUE ALUMINUM OXIDE (TYPE AZ)		SILICON CARBIDE (TYPE CG)		SYNTHETIC CERAMIC GRAIN (TYPE AS3)	
			ORDER NO.	PRICE EACH	ORDER NO.	PRICE EACH	ORDER NO.	PRICE EACH	ORDER NO.	PRICE EACH
46H	3760	10	3320-500	\$29.50	3323-500	\$32.15	—	—	—	—
46I	3760	10	—	—	3323-502	32.15	—	—	—	—
46J	3760	10	3320-504	29.50	3323-504	32.15	—	—	—	—
46K	3760	10	3320-506†	13.40	—	—	—	—	—	—
60H	3760	10	3320-518	29.50	3323-518†	11.05	—	—	—	—
60I	3760	10	—	—	—	—	3275-520	\$36.95	—	—
60J	3760	10	3320-522	29.50	3323-522	32.15	—	—	—	—
60K	3760	10	3320-524†	13.45	—	—	—	—	—	—
80I	3760	10	—	—	—	—	3275-530	38.40	—	—
100I	3760	10	—	—	—	—	3275-540†	18.55	—	—

† Limited Quantities

7 x 1 x 1-1/4 – Recessed One Side 3 x 1/2"

GRIT/ HARDNESS	MAX RPM	CTN QTY	WHITE ALUMINUM OXIDE (TYPE WA)		PREMIUM BLUE ALUMINUM OXIDE (TYPE AZ)		SILICON CARBIDE (TYPE CG)		SYNTHETIC CERAMIC GRAIN (TYPE AS3)	
			ORDER NO.	PRICE EACH	ORDER NO.	PRICE EACH	ORDER NO.	PRICE EACH	ORDER NO.	PRICE EACH
46H	3760	10	3320-700	\$34.60	3323-700	\$37.05	—	—	—	—
46I	3760	10	3320-702	34.60	3323-702	37.05	—	—	—	—
46J	3760	10	3320-704	34.60	3323-704	37.05	—	—	—	—
46K	3760	10	—	—	3323-706	37.05	—	—	—	—
60I	3760	10	3320-720	34.60	—	—	3275-720	\$45.00	—	—
60J	3760	10	3320-722	34.60	3323-722	37.05	—	—	—	—
60K	3760	10	—	—	3323-724	37.05	—	—	—	—
80I	3760	10	—	—	—	—	3275-730	45.00	—	—
100I	3760	10	—	—	—	—	3275-740	45.00	—	—

† Limited Quantities

8 x 1/4 x 1-1/4 – No Recess

GRIT/ HARDNESS	MAX RPM	CTN QTY	WHITE ALUMINUM OXIDE (TYPE WA)		PREMIUM BLUE ALUMINUM OXIDE (TYPE AZ)		SILICON CARBIDE (TYPE CG)		SYNTHETIC CERAMIC GRAIN (TYPE AS3)	
			ORDER NO.	PRICE EACH	ORDER NO.	PRICE EACH	ORDER NO.	PRICE EACH	ORDER NO.	PRICE EACH
60K	3600	10	3320-874	\$24.50	—	—	—	—	—	—
80I	3600	10	—	—	—	—	3275-830	\$30.65	—	—
80J	3600	10	3320-884	24.50	—	—	—	—	—	—

† Limited Quantities

Surface Grinding Wheels



2

**Buy
Ctn Qty
Deduct
20%**

8 x 1/2 x 1-1/4 – No Recess

GRIT/ HARDNESS	MAX RPM	CTN QTY	WHITE ALUMINUM OXIDE (TYPE WA)		PREMIUM BLUE ALUMINUM OXIDE (TYPE AZ)		SILICON CARBIDE (TYPE CG)		GREY ALUMINUM OXIDESYNTHETIC CERAMIC (TYPE 32A)		GRAIN (TYPE AS3)	
			ORDER NO.	PRICE EACH	ORDER NO.	PRICE EACH	ORDER NO.	PRICE EACH	ORDER NO.	PRICE EACH	ORDER NO.	PRICE EACH
46H	3600	10	3320-900	\$29.80	3323-900	\$30.90	—	—	—	—	—	—
46I	3600	10	3320-902	29.80	3323-902	30.90	—	—	3330-902	\$34.10	—	—
46J	3600	10	3320-904	29.80	3323-904	30.90	—	—	3330-904	34.10	—	—
46K	3600	10	3320-906	29.80	3323-906	30.90	—	—	—	—	3326-406	\$62.20
60H	3600	10	—	—	3323-918	30.90	—	—	—	—	—	—
60I	3600	10	3320-920	29.80	3323-920	30.90	3275-920	\$39.80	—	—	—	—
60J	3600	10	3320-922	29.80	3323-922	30.90	—	—	—	—	3326-424	62.20
60K	3600	10	3320-924	29.80	3323-924	30.90	—	—	—	—	—	—
80I	3600	10	—	—	—	—	3275-930	39.80	—	—	—	—
80K	3600	10	3320-936	29.80	3323-936	30.90	—	—	—	—	—	—
100I	3600	10	—	—	—	—	3275-940	39.80	—	—	—	—

8 x 1/2 x 1-1/4 – Porous Bond - No Recess

RUBY ALUMINUM OXIDE (TYPE RA)				
GRIT/ HARDNESS	MAX RPM	CTN QTY	ORDER NO.	PRICE EACH
46H12	3600	10	3277-133	\$45.40
60H12	3600	10	3277-138	45.40

8 x 3/4 x 1-1/4 – Recessed One Side 3 x 1/4”

GRIT/ HARDNESS	MAX RPM	CTN QTY	WHITE ALUMINUM OXIDE (TYPE WA)		PREMIUM BLUE ALUMINUM OXIDE (TYPE AZ)		SILICON CARBIDE (TYPE CG)		SYNTHETIC CERAMIC GRAIN (TYPE AS3)	
			ORDER NO.	PRICE EACH	ORDER NO.	PRICE EACH	ORDER NO.	PRICE EACH	ORDER NO.	PRICE EACH
46H	3600	10	3321-000	\$40.10	3324-000	\$40.15	—	—	—	—
46J	3600	10	3321-004	40.10	3324-004	40.15	—	—	—	—
46K	3600	10	3321-006†	10.80	—	—	—	—	—	—
60I	3600	10	3321-020	40.10	—	—	3276-020	\$48.30	—	—
60J	3600	10	3321-022	40.10	3324-022	40.15	—	—	—	—
60K	3600	10	3321-024	40.10	—	—	—	—	—	—

† Limited Quantities

8 x 1 x 1-1/4 – Recessed One Side 3 x 1/2”

GRIT/ HARDNESS	MAX RPM	CTN QTY	WHITE ALUMINUM OXIDE (TYPE WA)		PREMIUM BLUE ALUMINUM OXIDE (TYPE AZ)		SILICON CARBIDE (TYPE CG)		SYNTHETIC CERAMIC GRAIN (TYPE AS3)	
			ORDER NO.	PRICE EACH	ORDER NO.	PRICE EACH	ORDER NO.	PRICE EACH	ORDER NO.	PRICE EACH
46H	3600	10	—	—	3324-100	\$44.80	—	—	—	—
46J	3600	10	3321-104	\$46.45	3324-104	44.80	—	—	—	—
46K	3600	10	3321-106	46.45	—	—	—	—	—	—
60I	3600	10	3321-120	46.45	—	—	3276-120	\$54.80	—	—
60J	3600	10	3321-122	46.45	3324-122	44.80	—	—	—	—
60K	3600	10	3321-124	46.45	—	—	—	—	—	—
100I	3600	10	—	—	—	—	3276-140	54.80	—	—

† Limited Quantities

Surface Grinding Wheels



**Buy
Ctn Qty
Deduct
20%**

10 x 3/4 x 3 – No Recess

GRIT/ HARDNESS	MAX RPM	CTN QTY	PREMIUM BLUE ALUMINUM OXIDE (TYPE AZ)		SILICON CARBIDE (TYPE CG)		SYNTHETIC CERAMIC GRAIN (TYPE AS3)	
			ORDER NO.	PRICE EACH	ORDER NO.	PRICE EACH	ORDER NO.	PRICE EACH
46I	2674	5	3324-302†	\$58.69	—	—	—	—
60H	2674	5	3324-318	60.00	—	—	—	—
60K	2674	5	—	—	—	—	—	—

† Limited Quantities

10 x 1 x 3 – No Recess

GRIT/ HARDNESS	MAX RPM	CTN QTY	WHITE ALUMINUM OXIDE (TYPE WA)		PREMIUM BLUE ALUMINUM OXIDE (TYPE AZ)		SILICON CARBIDE (TYPE CG)		SYNTHETIC CERAMIC GRAIN (TYPE AS3)	
			ORDER NO.	PRICE EACH	ORDER NO.	PRICE EACH	ORDER NO.	PRICE EACH	ORDER NO.	PRICE EACH
46H	2674	5	3321-500†	\$63.80	—	—	—	—	—	—
46I	2674	5	3321-502†	17.35	3324-502	\$71.35	—	—	—	—
46J	2674	5	3321-504	70.05	3324-504	71.35	—	—	—	—
46K	2674	5	3321-506†	25.25	3324-506	71.35	—	—	3326-706	\$156.40
60H	2674	5	—	—	3324-518†	28.60	—	—	—	—
60I	2674	5	3321-520†	25.25	—	—	—	—	—	—
60J	2674	5	3321-522	70.05	3324-522	71.35	—	—	—	—
60K	2674	5	—	—	3324-524	71.35	—	—	—	—

† Limited Quantities

12 x 3/4 x 3 – No Recess

GRIT/ HARDNESS	MAX RPM	CTN QTY	WHITE ALUMINUM OXIDE (TYPE WA)		PREMIUM BLUE ALUMINUM OXIDE (TYPE AZ)		SILICON CARBIDE (TYPE CG)		SYNTHETIC CERAMIC GRAIN (TYPE AS3)	
			ORDER NO.	PRICE EACH	ORDER NO.	PRICE EACH	ORDER NO.	PRICE EACH	ORDER NO.	PRICE EACH
46K	2228	4	3321-606†	\$27.20	—	—	—	—	—	—

† Limited Quantities

12 x 1 x 3 – No Recess

GRIT/ HARDNESS	MAX RPM	CTN QTY	WHITE ALUMINUM OXIDE (TYPE WA)		PREMIUM BLUE ALUMINUM OXIDE (TYPE AZ)		SILICON CARBIDE (TYPE CG)		SYNTHETIC CERAMIC GRAIN (TYPE AS3)	
			ORDER NO.	PRICE EACH	ORDER NO.	PRICE EACH	ORDER NO.	PRICE EACH	ORDER NO.	PRICE EACH
46H	2228	2	3321-700	\$101.45	3324-700	\$98.45	—	—	3326-902	\$218.25
46J	2228	2	3321-704	101.45	3324-704	98.45	—	—	3326-904	218.25
46K	2228	2	—	—	3324-706	98.45	—	—	—	—
60I	2228	2	—	—	—	—	—	—	3326-922	218.25
60K	2228	2	—	—	3324-724	98.45	—	—	—	—

† Limited Quantities

Surface Grinding Wheels



2

**Buy
Ctn Qty
Deduct
20%**

*Except 12 x 2 x 5

12 x 1 x 5 – No Recess

GRIT/ HARDNESS	MAX RPM	CTN QTY	WHITE ALUMINUM OXIDE (TYPE WA)		PREMIUM BLUE ALUMINUM OXIDE (TYPE AZ)		SILICON CARBIDE (TYPE CG)		SYNTHETIC CERAMIC GRAIN (TYPE AS3)	
			ORDER NO.	PRICE EACH	ORDER NO.	PRICE EACH	ORDER NO.	PRICE EACH	ORDER NO.	PRICE EACH
46H	2228	2	3321-800	\$101.45	3324-800	\$98.45	—	—	3326-932	\$209.11
46I	2228	2	3321-802†	32.85	—	—	—	—	—	—
46J	2228	2	3321-804	101.45	3324-804	98.45	—	—	—	—
46K	2228	2	3321-806†	31.80	3324-806	98.45	—	—	—	—
60J	2228	2	3321-822	101.45	3324-822	98.45	—	—	—	—
60K	2228	2	—	—	3324-824	98.45	—	—	—	—

† Limited Quantities

12 x 1-1/2 x 3 – Recessed One Side 7-1/2 x 1/2”

GRIT/ HARDNESS	MAX RPM	CTN QTY	WHITE ALUMINUM OXIDE (TYPE WA)		PREMIUM BLUE ALUMINUM OXIDE (TYPE AZ)		SILICON CARBIDE (TYPE CG)		SYNTHETIC CERAMIC GRAIN (TYPE AS3)	
			ORDER NO.	PRICE EACH	ORDER NO.	PRICE EACH	ORDER NO.	PRICE EACH	ORDER NO.	PRICE EACH
46H	2228	2	3321-900	\$144.40	—	—	—	—	—	—
46I	2228	2	3321-902	144.40	—	—	—	—	—	—
46J	2228	2	3321-904	144.40	—	—	—	—	—	—
60I	2228	2	3321-920	144.40	—	—	—	—	—	—

12 x 1-1/2 x 5 – Recessed One Side 7-1/2 x 1/2”

GRIT/ HARDNESS	MAX RPM	CTN QTY	WHITE ALUMINUM OXIDE (TYPE WA)		PREMIUM BLUE ALUMINUM OXIDE (TYPE AZ)		SILICON CARBIDE (TYPE CG)		SYNTHETIC CERAMIC GRAIN (TYPE AS3)	
			ORDER NO.	PRICE EACH	ORDER NO.	PRICE EACH	ORDER NO.	PRICE EACH	ORDER NO.	PRICE EACH
46H	2228	2	3322-000	\$144.40	3325-000	\$144.30	—	—	—	—
46I	2228	2	3322-002	144.40	—	—	—	—	—	—
46J	2228	2	3322-004	144.40	3325-004	144.30	—	—	—	—
46K	2228	2	—	—	3325-006	144.30	—	—	—	—
60I	2228	2	3322-020	144.40	—	—	—	—	—	—
60J	2228	2	3322-022	144.40	3325-022	144.30	—	—	—	—

12 x 2 x 5 – Recessed Two Sides 7-1/2 x 1/2”

GRIT/ HARDNESS	MAX RPM	CTN QTY	WHITE ALUMINUM OXIDE (TYPE WA)		PREMIUM BLUE ALUMINUM OXIDE (TYPE AZ)		SILICON CARBIDE (TYPE CG)		SYNTHETIC CERAMIC GRAIN (TYPE AS3)	
			ORDER NO.	PRICE EACH	ORDER NO.	PRICE EACH	ORDER NO.	PRICE EACH	ORDER NO.	PRICE EACH
46H	2228	1	—	—	3325-100	\$153.65	—	—	—	—
46I	2228	1	3322-102	\$153.90	3325-102	153.65	—	—	—	—
46J	2228	1	3322-104	153.90	—	—	—	—	—	—
60H	2228	1	3322-118	153.90	3325-118	153.65	—	—	—	—

* Carton Qty. deduction not applicable

Surface Grinding Wheels



2

**Buy
Ctn Qty
Deduct
20%**

*Except 12 x 2 x 5

14 x 1 x 5 – No Recess

GRIT/ HARDNESS	MAX RPM	CTN QTY	WHITE ALUMINUM OXIDE (TYPE WA)		PREMIUM BLUE ALUMINUM OXIDE (TYPE AZ)		GREY ALUMINUM OXIDE (TYPE 32A)		SYNTHETIC CERAMIC GRAIN (TYPE AS3)	
			ORDER NO.	PRICE EACH	ORDER NO.	PRICE EACH	ORDER NO.	PRICE EACH	ORDER NO.	PRICE EACH
46H	1910	2	–	–	3325-200	\$159.85	3332-200	\$174.20	–	–
46I	1910	2	3322-202	\$142.25	3325-202	159.85	3332-202	174.20	–	–
46J	1910	2	–	–	3325-204	159.85	–	–	3326-954	\$270.20
60I	1910	2	3322-220	142.25	3325-220	159.85	–	–	–	–
60K	1910	2	3322-224	142.25	3325-224	159.85	–	–	–	–

14 x 1-1/2 x 5 – No Recess

GRIT/ HARDNESS	MAX RPM	CTN QTY	WHITE ALUMINUM OXIDE (TYPE WA)		PREMIUM BLUE ALUMINUM OXIDE (TYPE AZ)		GRAY ALUMINUM OXIDE (TYPE 32A)	
			ORDER NO.	PRICE EACH	ORDER NO.	PRICE EACH	ORDER NO.	PRICE EACH
46H	1910	2	3322-250	\$190.75	3325-250	\$214.35	3332-250	\$229.25
46I	1910	2	3322-252	190.75	–	–	3332-254	229.25
46J	1910	2	3322-254	190.75	3325-254	214.35	–	–
46K	1910	2	–	–	3325-256	214.35	–	–
60H	1910	2	–	–	3325-268	214.35	–	–
60J	1910	2	–	–	3325-272	214.35	–	–

14 x 1-1/2 x 5 – Recessed One Side 8 x 1/2"

GRIT/ HARDNESS	MAX RPM	CTN QTY	WHITE ALUMINUM OXIDE (TYPE WA)		PREMIUM BLUE ALUMINUM OXIDE (TYPE AZ)		SYNTHETIC CERAMIC GRAIN (TYPE AS3)	
			ORDER NO.	PRICE EACH	ORDER NO.	PRICE EACH	ORDER NO.	PRICE EACH
46H	1910	2	3322-300	\$190.75	3325-300	\$214.35	3326-961	\$412.65
46I	1910	2	3322-302	190.75	3325-302	214.35	–	–
46J	1910	2	3322-304	190.75	3325-304	214.35	–	–
60I	1910	2	3322-320	190.75	3325-320	214.35	–	–
60J	1910	2	–	–	3325-322	214.35	–	–

14 x 2 x 5 – Recessed One Side 8 x 1"

			WHITE ALUMINUM OXIDE (TYPE WA)		PREMIUM BLUE ALUMINUM OXIDE (TYPE AZ)		SILICON CARBIDE (TYPE CG)		SYNTHETIC CERAMIC GRAIN (TYPE AS3)		
GRIT/ HARDNESS	MAX RPM	CTN QTY	ORDER NO.	PRICE EACH	ORDER NO.	PRICE EACH	ORDER NO.	PRICE EACH	CTN QTY	ORDER NO.	PRICE EACH
46H	1910	1	3322-400	\$207.55	3325-400	\$230.80	—	—	—	—	—
46I	1910	1	3322-402	207.55	3325-402	230.80	—	—	—	—	—
46J	1910	1	3322-404	207.55	3325-404	230.80	—	—	—	—	—
60I	1910	1	3322-420	207.55	—	—	—	—	—	—	—
60J	1910	1	—	—	3325-422	230.80	—	—	—	—	—
60K	1910	1	—	—	3325-424	230.80	—	—	—	—	—

*Carton Qty. deduction not applicable

Tool & Cutter Grinding Wheels

Vitrified Bonded Assortment of the Standard Shapes Most Commonly Used in Tool and Cutter Applications.



2

**Buy
Ctn Qty
Deduct
20%**

WA – White Aluminum Oxide

Friable grain for light grinding of all steels, particularly tool & die steels.

CG – Green Silicon Carbide

Used for non-ferrous metals such as cemented carbides.

AS3 – Synthetic Ceramic Blend

Features a blend of synthetic ceramic grain with PA and WA grains for optimum fracturing. Provides a continuous, sharp cutting action.

4/3 x 1-1/2 x 1-1/4 – Flaring Cup Wheel

GRIT/ HARDNESS	MAX RPM	CTN QTY	WHITE ALUMINUM OXIDE (TYPE WA)		SILICON CARBIDE (TYPE CG)		SYNTHETIC CERAMIC GRAIN (TYPE AS3)		
			ORDER NO.	PRICE EACH	ORDER NO.	PRICE EACH	CTN QTY	ORDER NO.	PRICE EACH
46I	6685	10	—	—	—	—	3	3103-820	\$55.20
46J	6685	10	3102-733	\$26.35	—	—	—	—	—
46K	6685	10	3102-734	26.35	—	—	—	—	—
60J	6685	10	3102-743	26.35	—	—	—	—	—
60K	6685	10	3102-744	26.35	—	—	3	3103-830	55.20
80K	6685	10	3102-750	26.35	—	—	—	—	—

† Limited Quantities



5/3-3/4 x 1-3/4 x 1-1/4 – Flaring Cup Wheel

GRIT/ HARDNESS	MAX RPM	CTN QTY	WHITE ALUMINUM OXIDE (TYPE WA)		SILICON CARBIDE (TYPE CG)		SYNTHETIC CERAMIC GRAIN (TYPE AS3)		
			ORDER NO.	PRICE EACH	ORDER NO.	PRICE EACH	CTN QTY	ORDER NO.	PRICE EACH
46H	5348	10	3102-802	\$39.35	—	—	—	—	—
46I	5348	10	3102-805	39.35	—	—	3	3103-880	\$73.20
46J	5348	10	3102-803	39.35	—	—	—	—	—
46K	5348	10	3102-804	39.35	—	—	—	—	—
60I	5348	10	3102-815	39.35	3103-120†	\$13.00	—	—	—
60J	5348	10	3102-813	39.35	—	—	3	3103-890	73.20
60K	5348	10	3102-814	39.35	—	—	—	—	—
80K	5348	10	3102-820	39.35	—	—	—	—	—



5 x 1-1/2 x 1-1/4 – Straight Cup Wheel

GRIT/ HARDNESS	MAX RPM	CTN QTY	WHITE ALUMINUM OXIDE (TYPE WA)		SILICON CARBIDE (TYPE CG)		SYNTHETIC CERAMIC GRAIN (TYPE AS3)		
			ORDER NO.	PRICE EACH	ORDER NO.	PRICE EACH	CTN QTY	ORDER NO.	PRICE EACH
46J	5348	10	3102-853	\$36.20	—	—	—	—	—
46K	5348	10	3102-854	36.20	—	—	—	—	—
60I	5348	10	—	—	3103-220†	\$11.85	—	—	—
60J	5348	10	3102-863	36.20	—	—	—	—	—
80K	5348	10	3102-870	36.20	—	—	—	—	—

† Limited Quantities



Tool & Cutter Grinding Wheels



**Buy
Ctn Qty
Deduct
20%**

Vitrified Bonded Assortment of the Standard Shapes Most Commonly Used in Tool and Cutter Applications.

WA – White Aluminum Oxide

Friable grain for light grinding of all steels, particularly tool & die steels.

CG – Green Silicon Carbide

Used for non-ferrous metals such as cemented carbides.

AS3 – Synthetic Ceramic Blend

Features a blend of synthetic ceramic grain with PA and WA grains for optimum fracturing. Provides a continuous, sharp cutting action.

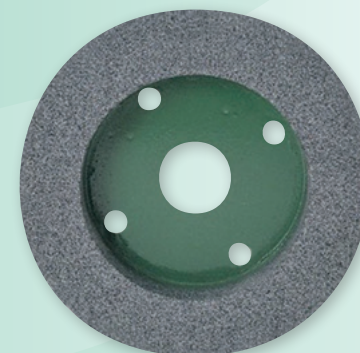
6 x 1/2 x 1-1/4 – Dish Wheel

GRIT/ HARDNESS	MAX RPM	CTN QTY	WHITE ALUMINUM OXIDE (TYPE WA)		SILICON CARBIDE (TYPE CG)		SYNTHETIC CERAMIC GRAIN (TYPE AS3)		
			ORDER NO.	PRICE EACH	ORDER NO.	PRICE EACH	CTN QTY	ORDER NO.	PRICE EACH
46K	4456	10	3102-914	\$25.35	–	–	–	–	–
60J	4456	10	3102-923	25.35	–	–	–	–	–
60K	4456	10	3102-924	25.35	–	–	–	–	–



6 x 1 x 4 – Plate Mounted Wheels

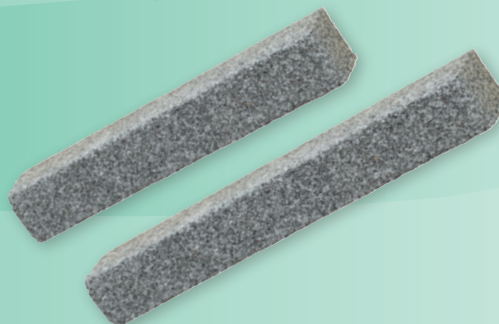
GRIT/ HARDNESS	MAX RPM	CTN QTY	WHITE ALUMINUM OXIDE (TYPE WA)		SILICON CARBIDE (TYPE CG)		SYNTHETIC CERAMIC GRAIN (TYPE AS3)		
			ORDER NO.	PRICE EACH	ORDER NO.	PRICE EACH	CTN QTY	ORDER NO.	PRICE EACH
46K	3450	10	3103-960	\$63.80	–	–	–	–	–
60I	3450	10	–	–	3103-920	\$68.70	–	–	–
80I	3450	10	–	–	3103-930	68.70	–	–	–
100I	3450	10	–	–	3103-940	68.70	–	–	–
120I	3450	10	–	–	3103-950	68.70	–	–	–



Vitrified Bond Silicon Carbide Dressing Sticks

For cleaning, dressing and reshaping vitrified bond grinding wheels.

SIZE	GRADE	ORDER NO.	PRICE EACH
6 x 1 x 1	24S	3132-998	\$3.17
8 x 1 x 1	24S	3132-999	4.23



Bench and Pedestal Wheels



2

Vitrified Bonded Straight Wheels Used for Off-hand Tool Sharpening and General Purpose Bench Grinding Applications.

A – Dark Aluminum Oxide

The most common of all grains. This grain is used for heavy duty general purpose work.

CG – Green Silicon Carbide

Used for non-ferrous metals such as cemented carbides.



6 x 1/2 x 1 (H*)

GRIT/ HARDNESS	MAX RPM	DARK ALUMINUM OXIDE (TYPE A)		SILICON CARBIDE (TYPE CG)	
		ORDER NO.	PRICE EACH	ORDER NO.	PRICE EACH
24Q	4456	3102-001†	\$3.30	—	—
36Q	4456	3102-002†	3.70	—	—
46M	4456	3102-003	18.85	—	—
60I	4456	—	—	3102-402	\$17.15
60M	4456	3102-004	18.85	—	—
80I	4456	—	—	3102-404	17.15
100I	4456	—	—	3102-406	17.15

† Limited Quantities

6 x 3/4 x 1 (H*)

GRIT/ HARDNESS	MAX RPM	DARK ALUMINUM OXIDE (TYPE A)		SILICON CARBIDE (TYPE CG)	
		ORDER NO.	PRICE EACH	ORDER NO.	PRICE EACH
24Q	4456	3102-021†	\$8.15	—	—
36Q	4456	3102-022	16.25	—	—
46M	4456	3102-023	16.25	—	—
60I	4456	—	—	3102-422	\$20.30
60M	4456	3102-024	16.25	—	—
80I	4456	—	—	3102-424	20.30
80M	4456	3102-025	16.25	—	—
100I	4456	—	—	3102-426	20.30

6 x 1 x 1 (H*)

GRIT/ HARDNESS	MAX RPM	DARK ALUMINUM OXIDE (TYPE A)		SILICON CARBIDE (TYPE CG)	
		ORDER NO.	PRICE EACH	ORDER NO.	PRICE EACH
24Q	4456	3102-041	\$18.70	—	—
36Q	4456	3102-042	18.70	—	—
46M	4456	3102-043	18.70	—	—
60I	4456	—	—	3102-442	\$22.40
60M	4456	3102-044	18.70	—	—
80I	4456	—	—	3102-444	22.40
80M	4456	3102-045	18.70	—	—
100I	4456	—	—	3102-446	22.40

7 x 3/4 x 1 (H*)

GRIT/ HARDNESS	MAX RPM	DARK ALUMINUM OXIDE (TYPE A)		SILICON CARBIDE (TYPE CG)	
		ORDER NO.	PRICE EACH	ORDER NO.	PRICE EACH
24Q	3760	3102-061†	\$6.20	—	—
36Q	3760	3102-062†	5.70	—	—
60I	3760	—	—	3102-462	\$23.10
60M	3760	3102-064†	13.85	—	—
80I	3760	—	—	3102-464	23.10
100I	3760	—	—	3102-466	23.10

† Limited Quantities

7 x 1 x 1 (H*)

GRIT/ HARDNESS	MAX RPM	DARK ALUMINUM OXIDE (TYPE A)		SILICON CARBIDE (TYPE CG)	
		ORDER NO.	PRICE EACH	ORDER NO.	PRICE EACH
24Q	3760	3102-081	\$22.15	—	—
36Q	3760	3102-082	22.15	—	—
46M	3760	3102-083	22.15	—	—
60I	3760	—	—	3102-482	\$27.30
60M	3760	3102-084	22.15	—	—
80I	3760	—	—	3102-484	27.30
80M	3760	3102-085	22.15	—	—
100I	3760	—	—	3102-486	27.30

8 x 1 x 1-1/4 (H*)

GRIT/ HARDNESS	MAX RPM	DARK ALUMINUM OXIDE (TYPE A)		SILICON CARBIDE (TYPE CG)	
		ORDER NO.	PRICE EACH	ORDER NO.	PRICE EACH
24Q	3760	3102-105	\$28.25	—	—
36Q	3760	3102-106	28.25	—	—
46M	3760	3102-107	28.25	—	—
60I	3760	—	—	3102-522	\$33.60
60M	3760	3102-108	28.25	—	—
80I	3760	—	—	3102-524	33.60
80M	3760	3102-109	28.25	—	—
100I	3760	—	—	3102-526	33.60

H*: 1" Hole, Installed Telescopic Bushings for 3/4", 5/8", and 1/2" arbors

H²: 1-1/4" Hole, Installed Telescopic Bushings for 1" and 3/4" arbors

H³: 1-1/2" Hole, Installed Telescopic Bushings for 1-1/4" and 1" arbors

H⁴: 1-1/4" Hole, Installed Telescopic Bushings for 1", 3/4", 5/8", and 1/2" arbors

Bench and Pedestal Wheels

Vitrified Bonded Straight Wheels
Used for Off-hand Tool Sharpening and
General Purpose Bench Grinding Applications



2

10 x 1 x 1-1/4" (H²)

GRIT/ HARDNESS	MAX RPM	DARK ALUMINUM OXIDE (TYPE A)		SILICON CARBIDE (TYPE CG)	
		ORDER NO.	PRICE EACH	ORDER NO.	PRICE EACH
24Q	2483	3102-141	\$55.50	—	—
360	2483	3102-142	55.50	—	—
46M	2483	3102-143	55.50	—	—
60I	2483	—	—	3102-542	\$68.75
60M	2483	3102-144	55.50	—	—
80I	2483	—	—	3102-544	68.75
80M	2483	3102-145	55.50	—	—
100I	2483	—	—	3102-546	68.75

10 x 1-1/2 x 1-1/4" (H²)

GRIT/ HARDNESS	MAX RPM	DARK ALUMINUM OXIDE (TYPE A)		SILICON CARBIDE (TYPE CG)	
		ORDER NO.	PRICE EACH	ORDER NO.	PRICE EACH
24Q	2483	3102-161	\$71.35	—	—
360	2483	3102-162	71.35	—	—
46M	2483	3102-163	71.35	—	—
60I	2483	—	—	3102-562	\$79.70
60M	2483	3102-164	71.35	—	—
80I	2483	—	—	3102-564	79.70
80M	2483	3102-165†	71.35	—	—
100I	2483	—	—	3102-566	37.80

† Limited Quantities

12 x 1 x 1-1/4" (H²)

GRIT/ HARDNESS	MAX RPM	DARK ALUMINUM OXIDE (TYPE WA)		SILICON CARBIDE (TYPE CG)	
		ORDER NO.	PRICE EACH	ORDER NO.	PRICE EACH
24Q	2220	3102-181	\$87.20	—	—
46M	2220	3102-183	87.20	—	—
60I	2220	—	—	3102-582	\$98.50
60M	2220	3102-184	87.20	—	—

12 x 1-1/2 x 1-1/4" (H²)

GRIT/ HARDNESS	MAX RPM	DARK ALUMINUM OXIDE (TYPE WA)		SILICON CARBIDE (TYPE CG)	
		ORDER NO.	PRICE EACH	ORDER NO.	PRICE EACH
360	2220	3102-206	\$109.25	—	—
46M	2220	3102-207	109.25	—	—
60I	2220	—	—	3102-602	\$125.65
60M	2220	3102-208	109.25	—	—
80I	2220	—	—	3102-604	125.65

12 x 2 x 1-1/2" (H³)

GRIT/ HARDNESS	MAX RPM	DARK ALUMINUM OXIDE (TYPE WA)		SILICON CARBIDE (TYPE CG)	
		ORDER NO.	PRICE EACH	ORDER NO.	PRICE EACH
24Q	2220	3102-221	\$118.05	—	—
360	2220	3102-222	118.05	—	—
46M	2220	3102-223	118.05	—	—
60I	2220	—	—	3102-622	\$141.35
60M	2220	3102-224	118.05	—	—
80I	2220	—	—	3102-624	141.35
80M	2220	3102-225	118.05	—	—
100I	2220	—	—	3102-626	141.35

14 x 2 x 1-1/4" To 1-1/2" (H³)

GRIT/ HARDNESS	MAX RPM	DARK ALUMINUM OXIDE (TYPE WA)		SILICON CARBIDE (TYPE CG)	
		ORDER NO.	PRICE EACH	ORDER NO.	PRICE EACH
24Q	1910	3102-271	\$177.75	—	—
360	1910	3102-272	177.75	—	—
46M	1910	3102-273	177.75	—	—
60I	1910	—	—	3102-642	\$226.80
60M	1910	3102-274	177.75	—	—
80I	1910	—	—	3102-644	226.80

16 x 2 x 1-1/2" (H³)

GRIT/ HARDNESS	MAX RPM	DARK ALUMINUM OXIDE (TYPE WA)		SILICON CARBIDE (TYPE CG)	
		ORDER NO.	PRICE EACH	ORDER NO.	PRICE EACH
24Q	1550	3102-301	\$294.20	—	—
360	1550	3102-302	305.65	—	—

18 x 3 x 1-1/2" (H³)

GRIT/ HARDNESS	MAX RPM	DARK ALUMINUM OXIDE (TYPE WA)		SILICON CARBIDE (TYPE CG)	
		ORDER NO.	PRICE EACH	ORDER NO.	PRICE EACH
360	1485	3102-322	\$485.95	—	—
54M	1485	3102-324	485.95	—	—

H*: 1" Hole, Installed Telescopic Bushings for 3/4", 5/8", and 1/2" arbors

H²: 1-1/4" Hole, Installed Telescopic Bushings for 1" and 3/4" arbors

H³: 1-1/2" Hole, Installed Telescopic Bushings for 1-1/4" and 1" arbors

H⁴: 1-1/4" Hole, Installed Telescopic Bushings for 1", 3/4", 5/8", and 1/2" arbors

Mattison-Thompson Type

Large 20 Inch Diameter Surface Grinding Wheels For Horizontal Spindle, Rotary and Reciprocating Tables.

83A – Friable Full Premium Aluminum Oxide

Friable grain for fast stock removal.

The free cutting open structure is ideal for all tool steels.

V-18 – Normal structures. V-18P – Induced open porosity.

73C – Silicon Carbide

For non-ferrous metals, gray iron.

91A – Semi-Friable, Mixed Aluminum Oxide

Provides a continuous, sharp cutting action. A mixture of WA and A abrasives.

Recommended for general purpose work and light stock removal.

AS3 – Synthetic Ceramic Blend

Features a blend of synthetic ceramic grain with PA and WA grains for optimum fracturing.



1

**Buy
Ctn Qty
(Where shown)
Deduct
10%**



20 x 1 x 8

GRAIN	GRIT/ BOND	MAX RPM	ORDER NO.	PRICE EACH
83A	46H8 V-18	1241	3280-402*	\$204.35
83A	60J8 V-18	1241	3280-404*	204.35

*CARTON QTY.= 3

20 x 2 x 10

GRAIN	GRIT/ BOND	MAX RPM	ORDER NO.	PRICE EACH
83A	36J8 V-18	1241	3280-450*	\$304.05
83A	46H8 V-18	1241	3280-452*	304.05
83A	60J8 V-18	1241	3280-454*	304.05
83A	46G+ V-18P	1241	3280-456*	304.05

*CARTON QTY.= 2

20 x 1-1/2 x 8

Recessed 1/S 11-1/2 x 1/2"

GRAIN	GRIT/ BOND	MAX RPM	ORDER NO.	PRICE EACH
83A	46H8 V-18	1241	3280-422*	\$271.05

20 x 3 x 8

Recessed 2/S 11-1/2 x 1/2"

GRAIN	GRIT/ BOND	MAX RPM	ORDER NO.	PRICE EACH
83A	46H8 V-18	1241	3280-462*	\$465.90
83A	36J/K V-18P	1241	3280-464*	465.90
83A	46D V-18P	1241	3280-465*	465.90
83A	46G+ V-18P	1241	3280-468*	465.90
91A	46I8 V-18	1241	3280-460*	455.20
73C	46I8 V-X	1241	3280-606*	620.25

*CARTON QTY.= 2

20 x 2 x 8

Recessed 2/S 11-1/2 x 1/2"

GRAIN	GRIT/ BOND	MAX RPM	ORDER NO.	PRICE EACH
83A	46H8 V-18	1241	3280-442*	\$343.35
83A	60J8 V-18	1241	3280-446*	343.35
83A	46G+ V-18P	1241	3280-449*	343.35
91A	46I8 V-18	1241	3280-440*	329.95

*CARTON QTY.= 2

20 x 3 x 10

Recessed 1/S 12-1/2 x 5/8" O/S 12-1/2 x 1"

GRAIN	GRIT/ BOND	MAX RPM	ORDER NO.	PRICE EACH
83A	46H8 V-18	1241	3280-472*	\$423.15
83A	60J8 V-18	1241	3280-473*	423.15
83A	36J/K V-18P	1241	3280-474*	423.15
83A	46G+ V-18P	1241	3280-478*	423.15
91A	46I8 V-18	1241	3280-470*	423.15
73C	46I8 V-X	1241	3280-608*	561.95
AS3	46H V-CER	1241	3280-664*	829.70

*CARTON QTY.= 2

20 x 4 x 8

Recessed 2/S 11-1/2 x 1/2"

GRAIN	GRIT/ BOND	MAX RPM	ORDER NO.	PRICE EACH
83A	46H8 V-18	1241	3280-482	\$549.10

20 x 4 x 10

Recessed 1/S 12-1/2 x 7/8", O/S 12-1/2 x 1-1/4"

GRAIN	GRIT/ BOND	MAX RPM	ORDER NO.	PRICE EACH
83A	46H8 V-18	1241	3280-492	\$495.40
83A	46G+ V-18P	1241	3280-498	495.40
91A	46I8 V-18	1241	3280-490	461.95

20 x 6 x 10

Recessed 1/S 12-1/2 x 1" O/S 12-1/2 x 2"

GRAIN	GRIT/ BOND	MAX RPM	ORDER NO.	PRICE EACH
83A	46H8 V-18	1241	3280-502	\$640.95
83A	36J/K V-18P	1241	3280-504	640.95
83A	46G+ V-18P	1241	3280-508	622.30
91A	46I8 V-18	1241	3280-500	610.45
AS3	46H V-CER	1241	3280-674	1185.25

20 x 6 x 12

Recessed 2/S 14-1/4 x 1"

GRAIN	GRIT/ BOND	MAX RPM	ORDER NO.	PRICE EACH
83A	46H8 V-18	1241	3280-512	\$654.95
83A	46G+ V-18P	1241	3280-518	635.90

Centerless & Cylindrical Wheels

12" Through 24" Diameter

Centerless & Cylindrical Wheels each have accurate toleranced inside linings to protect spindles. Manufactured with varying hardness to assure consistent grindability throughout.

94A – Aluminum Oxide

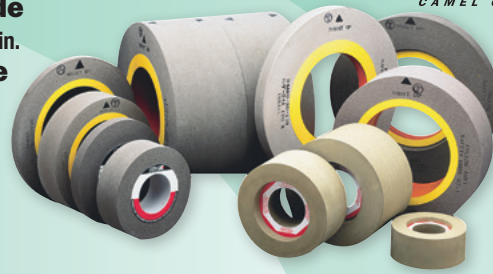
Very durable self-dressing grain.

72C – Silicon Carbide

For non-ferrous metals.

PA – Pink Aluminum Oxide

Excellent for pre-hardened carbon steels.



**Buy
Ctn Qty
(Where shown)
Deduct
10%**

14 x 1 x 5 – No Recess

GRAIN	GRIT	MAX RPM	ORDER NO.	PRICE EACH
94A	54-K	1910	3327-012*	\$92.65
94A	80-M	1910	3327-020*	92.65

*CARTON QTY.= 2

14 x 1-1/4 x 5 – No Recess

GRAIN	GRIT	MAX RPM	ORDER NO.	PRICE EACH
94A	54-K	1910	3327-032*	\$115.95

*CARTON QTY.= 2

14 x 1-1/2 x 5 –

Rec 1/S 8 X 1/2"

GRAIN	GRIT	MAX RPM	ORDER NO.	PRICE EACH
94A	54-K	1910	3327-052*	\$141.60
94A	80-M	1910	3327-060*	141.60

*CARTON QTY.= 2

14 x 2 x 5 – Rec 1/S 8 X 1"

GRAIN	GRIT	MAX RPM	ORDER NO.	PRICE EACH
94A	54-K	1910	3327-072	\$160.35
94A	60-L	1910	3327-076	160.35
94A	80-M	1910	3327-080	160.35

16 x 1 x 5 – No Recess

GRAIN	GRIT	MAX RPM	ORDER NO.	PRICE EACH
94A	60-L	1671	3327-096	\$116.20
94A	80-M	1671	3327-100	116.20

16 x 1-1/2 x 5 – No Recess

GRAIN	GRIT	MAX RPM	ORDER NO.	PRICE EACH
94A	60-L	1671	3327-116	\$143.90
94A	80-M	1671	3327-120	143.90

16 x 2 x 5 – No Recess

GRAIN	GRIT	MAX RPM	ORDER NO.	PRICE EACH
94A	60-L	1671	3327-156	\$182.35
94A	80-M	1671	3327-160	182.35

16 x 1-1/2 x 8 – No Recess

GRAIN	GRIT	MAX RPM	ORDER NO.	PRICE EACH
94A	54-K	1671	3327-212	\$138.35
94A	80-M	1671	3327-220	138.35

16 x 2 x 8 – No Recess

GRAIN	GRIT	MAX RPM	ORDER NO.	PRICE EACH
94A	60-L5	1671	3327-236	\$167.10

16 x 4 x 10 – No Recess

GRAIN	GRIT	MAX RPM	ORDER NO.	PRICE EACH
94A	60-L	1671	3327-256	\$290.00
94A	80-L	1671	3327-260	290.00

20 x 1 x 12 – No Recess

GRAIN	GRIT	MAX RPM	ORDER NO.	PRICE EACH
94A	60-M	1623	3327-280*	\$166.95
94A	80-O	1623	3327-304*	166.95

*CARTON QTY.= 3

20 x 2 x 12 – No Recess

GRAIN	GRIT	MAX RPM	ORDER NO.	PRICE EACH
94A	60-K	1623	3327-316*	\$261.70
94A	60-L	1623	3327-318*	261.70
94A	60-M	1623	3327-320*	261.70
94A	80-P	1623	3327-336*	261.70

HARD SIDE

94A	80-N/120-S	1623	3327-330*	282.85
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*CARTON QTY.= 2

20 x 2-1/2 x 12 – No Recess

GRAIN	GRIT	MAX RPM	ORDER NO.	PRICE EACH
HARD SIDE				
94A	80-N/120-S	1623	3327-360*	\$342.90

*CARTON QTY.= 2

20 x 3 x 12 – No Recess

GRAIN	GRIT	MAX RPM	ORDER NO.	PRICE EACH
94A	60-K	1623	3327-376*	\$356.65

*CARTON QTY.= 2

20 x 4 x 12 – No Recess

GRAIN	GRIT	MAX RPM	ORDER NO.	PRICE EACH
94A	60-K	1623	3327-436	\$395.10
94A	60-L	1623	3327-438	395.10
94A	80-M	1623	3327-448	395.10
94A	80-P	1623	3327-458	395.10

HARD SIDE

94A	80-N/120-S	1623	3327-452	427.00
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20 x 6 x 12 – No Recess

GRAIN	GRIT	MAX RPM	ORDER NO.	PRICE EACH
72C	60-L	1623	3327-470	\$733.15
94A	60-K	1623	3327-476	541.55
94A	60-L	1623	3327-478	541.55
94A	60-M	1623	3327-480	541.55
94A	80-J	1623	3327-484	541.55
94A	80-M	1623	3327-488	541.55

HARD SIDE

94A	80-N/120-S	1623	3327-492	602.90
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20 x 8 x 12 – No Recess

GRAIN	GRIT	MAX RPM	ORDER NO.	PRICE EACH
94A	54-J	1623	3327-512	689.20
94A	60-K	1623	3327-516	689.20
94A	60-L	1623	3327-518	689.20
94A	60-M	1623	3327-520	689.20
94A	80-J	1623	3327-524	689.20
94A	80-L	1623	3327-526	689.20
94A	80-M	1623	3327-528	689.20
94A	80-O	1623	3327-536	689.20

HARD SIDE

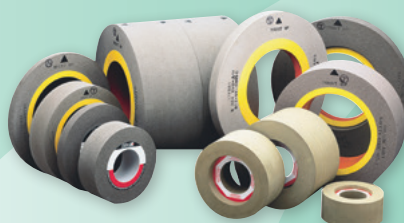
94A	80-N/120-S	1623	3327-532	764.25
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Centerless & Cylindrical Wheels



1

**Buy
Ctn Qty
(Where
shown)
Deduct
10%**



24 x 2 x 12 - No Recess

GRAIN	GRIT	MAX RPM	ORDER NO.	PRICE EACH
94A	60-K	1353	3327-656*	\$432.75
HARD SIDE				
94A	80-N/120-S	1353	3327-672*	480.75

*CARTON QTY.= 2

24 x 4 x 12 - No Recess

GRAIN	GRIT	MAX RPM	ORDER NO.	PRICE EACH
94A	60-K	1353	3327-816	\$625.05
94A	60-L	1353	3327-818	625.05
94A	80-M	1353	3327-830	625.05
HARD SIDE				
94A	80-N/120-S	1353	3327-834	694.35

24 x 8 x 12 - No Recess

GRAIN	GRIT	MAX RPM	ORDER NO.	PRICE EACH
72C	60-L6	1353	3327-900	\$1343.40
94A	60-K5	1353	3327-916	1072.20
94A	60-L5	1353	3327-918	1072.20
94A	60-M6	1353	3327-920	1072.20
94A	80-J5	1353	3327-924	1072.20
94A	80-L5	1353	3327-928	1072.20

24 x 2-1/2 x 12 - No Recess

GRAIN	GRIT	MAX RPM	ORDER NO.	PRICE EACH
HARD SIDE				
94A	80-N/120-S	1353	3327-712*	\$536.95

*CARTON QTY.= 2

24 x 6 x 12 - No Recess

GRAIN	GRIT	MAX RPM	ORDER NO.	PRICE EACH
94A	60-K	1353	3327-866	\$846.25
94A	60-L	1353	3327-868	846.25
94A	80-J	1353	3327-874	846.25
HARD SIDE				
94A	80-N/120-S	1353	3327-884	932.25

24 x 10 x 12 - No Recess

GRAIN	GRIT	MAX RPM	ORDER NO.	PRICE EACH
94A	60-K5	1353	3327-956	\$1415.15

24 x 3 x 12 - No Recess

GRAIN	GRIT	MAX RPM	ORDER NO.	PRICE EACH
94A	60-K	1353	3327-736	\$476.40

24 x 20 x 12 - No Recess

GRAIN	GRIT	MAX RPM	ORDER NO.	PRICE EACH
94A	60-K5	1353	3327-986	\$2940.75
94A	60-M6	1353	3327-990	2940.75

Feed/Regulating Wheels 1

Aluminum Oxide - Rubber Bonded For All Centerless Grinding Machines

Isostatic process assures perfect gripping with standard A-80-R2-RX grade

	MAX RPM	ORDER NO.	PRICE EACH
9 x 4 x 4 R 2/S 5-1/2 x 5/8"	1020	3329-140	183.40
12 x 1 x 5	800	3329-410	96.75
12 x 2 x 5	800	3329-420	167.70
12 x 2-1/2 x 5	800	3329-425	230.20
12 x 4 x 5 R 2/S 7-1/2 x 1-1/2"	800	3329-442	333.90

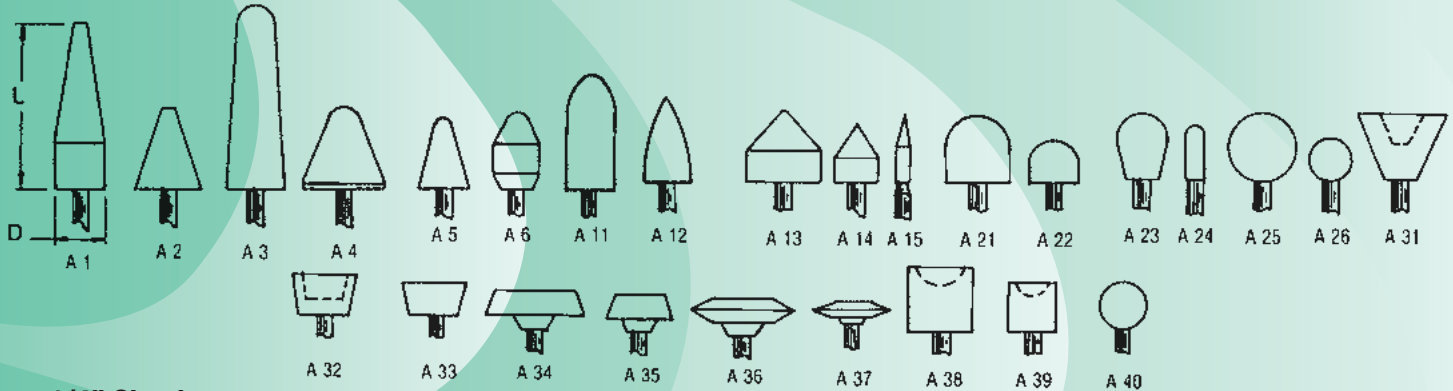
	MAX RPM	ORDER NO.	PRICE EACH
12 x 6 x 5 R 1/S 7-1/2 x 1-1/2" O/S 7-1/2 x 1-1/2"	800	3329-462	\$510.75
12 x 6 x 5 R 2/S 7-1/2 x 1-1/2"	800	3329-464	510.75
12 x 8 x 5 R 1/S 7-1/2 x 1-1/2"	800	3329-480	648.20
12 x 8 x 5 R 1/S 7-1/2 x 1-1/2" O/S 7-1/2 x 2-1/2"	800	3329-482	648.20

	MAX RPM	ORDER NO.	PRICE EACH
14 x 8 x 5 R 1/S 8 x 1-1/2" O/S 8 x 2-1/2"	650	3329-684	\$866.30
14 x 20 x 6 R 2/S 8-1/2 x 1-1/2"	650	3329-804	2142.10

Mounted Points

Group "A" Special Shapes

3



1/4" Shank

SHAPE NO.	SIZE DIAM.	LGTH.	ORDER NO.	PRICE EACH
A1	3/4"	2-1/2"	3133-001	\$3.80
A2	1"	1-1/4"	3133-002	2.30
A3	1"	2-3/4"	3133-003	4.10
A4	1-1/4"	1-1/4"	3133-004	2.60
A5	3/4"	1-1/8"	3133-005	2.20
A6	3/4"	1-1/8"	3133-006	2.20
A11	7/8"	2"	3133-011	2.80
A12	11/16"	1-1/4"	3133-012	2.20
A13	1-1/8"	1-1/8"	3133-013	2.60

SHAPE NO.	SIZE DIAM.	LGTH.	ORDER NO.	PRICE EACH
A14	11/16"	7/8"	3133-014	\$1.65
A15	1/4"	1-1/16"	3133-015	2.10
A21	1"	1"	3133-021	1.80
A22	3/4"	5/8"	3133-022	1.60
A23	3/4"	1"	3133-023	1.65
A24	1/4"	3/4"	3133-024	1.50
A25	1"	1"	3133-025	1.80
A26	5/8"	5/8"	3133-026	1.60
A31	1-3/8"	1"	3133-031	2.20

SHAPE NO.	SIZE DIAM.	LGTH.	ORDER NO.	PRICE EACH
A32	1"	5/8"	3133-032	\$1.65
A33	1"	1/2"	3133-033	1.60
A34	1-1/2"	3/8"	3133-034	1.90
A35	1"	3/8"	3133-035	1.60
A36	1-5/8"	3/8"	3133-036	2.20
A37	1-1/4"	1/4"	3133-037	1.65
A38	1"	1"	3133-038	1.50
A39	3/4"	3/4"	3133-039	1.25
A40	3/4"	3/4"	3133-040	1.60

Group "W" Plain Shapes



1/8" X 1-1/2" Shank

SHAPE NO.	SIZE DIAM.	LGTH.	ORDER NO.	PRICE EACH
W141	3/32	5/32	3133-141	\$1.10
W142	3/32	1/4	3133-142	1.10
W143	1/8	1/8	3133-143	1.10
W144	1/8	1/4	3133-144	1.10
W145	1/8	3/8	3133-145	1.20
W146	1/8	1/2	3133-146	1.20
W149	5/32	1/4	3133-149	1.10
W150	3/16	1/16	3133-150†	0.70
W151	3/16	1/8	3133-151	1.10
W152	3/16	1/4	3133-152	1.10
W153	3/16	3/8	3133-153	1.20
W154	3/16	1/2	3133-154	1.20
W155	13/64	1/4	3133-155†	0.70
W157	1/4	1/16	3133-157	1.10
W158	1/4	1/8	3133-158	1.10
W159	1/4	3/16	3133-159	1.10
W160	1/4	1/4	3133-160	1.10
W161	1/4	5/16	3133-161	1.20
W162	1/4	3/8	3133-162	1.20
W163	1/4	1/2	3133-163	1.20
W164	1/4	3/4	3133-164	1.25
W165	5/16	1/16	3133-165	1.10
W166	5/16	1/8	3133-166	1.10
W167	5/16	1/4	3133-167	1.10
W168	5/16	5/16	3133-168	1.20
W169	5/16	3/8	3133-169	1.20
W170	5/16	1/2	3133-170	1.20
W171	5/16	3/4	3133-171	1.25
W172	3/8	1/16	3133-172	1.10
W173	3/8	1/8	3133-173	1.10
W174	3/8	1/4	3133-174	1.10

SHAPE NO.	SIZE DIAM.	LGTH.	ORDER NO.	PRICE EACH
W175	3/8	3/8	3133-175	\$1.20
W176	3/8	1/2	3133-176	1.20
W177	3/8	3/4	3133-177	1.25
W178	3/8	1	3133-178	1.35
W179	3/8	1-1/4	3133-179†	1.10
W181	1/2	1/16	3133-181	1.10
W182	1/2	1/8	3133-182	1.10
W183	1/2	1/4	3133-183	1.10
W184	1/2	3/8	3133-184	1.20
W185	1/2	1/2	3133-185	1.20
W186	1/2	3/4	3133-186	1.25
W187	1/2	1	3133-187	1.35
W190	5/8	1/16	3133-190	1.20
W191	5/8	1/8	3133-191	1.20
W192	5/8	1/4	3133-192	1.20
W193	5/8	3/8	3133-193	1.25
W194	5/8	1/2	3133-194	1.25
W195	5/8	3/4	3133-195	1.35
W199	3/4	1/16	3133-199	1.20
W200	3/4	1/8	3133-200	1.20
W201	3/4	1/4	3133-201	1.20
W202	3/4	3/8	3133-202	1.25
W203	3/4	1/2	3133-203	1.25
W204	3/4	3/4	3133-204	1.35
W210	7/8	1/16	3133-210	1.25
W211	7/8	1/8	3133-211	1.25
W212	7/8	1/4	3133-212	1.25
W213	7/8	3/8	3133-213	1.35
W214	15/16	1/4	3133-214	1.25
W215	1	1/8	3133-215	1.25
W216	1	1/4	3133-216	1.25

1/4" X 1-1/2" Shank

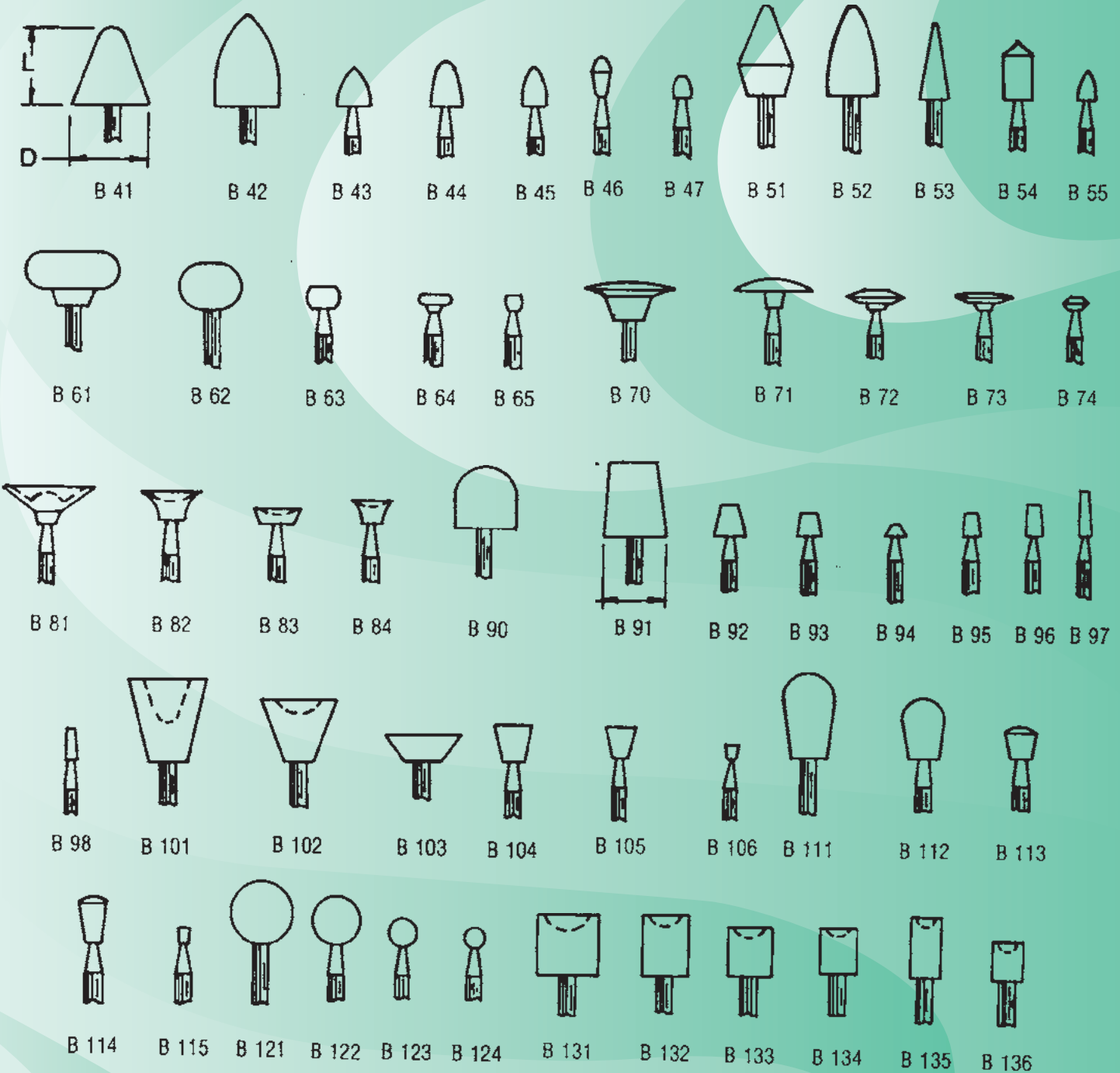
SHAPE NO.	SIZE DIAM.	LGTH.	ORDER NO.	PRICE EACH
W178	3/8	1	3133-378	\$1.35
W187	1/2	1	3133-387	1.35
W188	1/2	1-1/2	3133-188	2.05
W189	1/2	2	3133-189	2.60
W194	5/8	1/2	3133-394	1.25
W195	5/8	3/4	3133-395	1.35
W196	5/8	1	3133-196	1.50
W197	5/8	2	3133-197	2.70
W198	5/8	2-1/2	3133-198	3.35
W204	3/4	3/4	3133-404	1.35
W205	3/4	1	3133-205	1.50
W206	3/4	1-1/4	3133-206	1.80
W207	3/4	1-1/2	3133-207	2.15
W208	3/4	2	3133-208	2.70
W209	3/4	2-1/2	3133-209	3.35
W213	7/8	3/8	3133-413	1.35
W217	1	3/8	3133-217	1.35
W218	1	1/2	3133-218	1.35
W219	1	3/4	3133-219	1.50
W220	1	1	3133-220	1.60
W221	1	1-1/2	3133-221	2.25
W222	1	2	3133-222	2.80
W223	1	2-1/2	3133-223	3.45
W224	1	3	3133-224	2.55
W225	1-1/4	1/4	3133-225	1.50
W226	1-1/4	3/8	3133-226	1.60
W227	1-1/4	1/2	3133-227	1.60
W228	1-1/4	3/4	3133-228	1.70
W229	1-1/4	1	3133-229	1.95
W230	1-1/4	1-1/4	3133-230	2.25
W231	1-1/4	1-1/2	3133-231	2.70
W232	1-1/4	2	3133-232	3.35
W235	1-1/2	1/4	3133-235	1.60
W236	1-1/2	1/2	3133-236	1.70
W237	1-1/2	1	3133-237	2.05
W238	1-1/2	1-1/2	3133-238	2.80
W239	1-1/2	2	3133-239	3.45
W242	2	1	3133-242	2.60
W243	2	1-1/2	3133-243	3.45
W244	2	2	3133-244	4.30
W245	2	2-1/2	3133-245† POA	

† Limited Quantities

Mounted Points

3

Group "B" Special Shapes



1/8' Shank

SHAPE NO.	SIZE DIAM.	LGTH.	ORDER NO.	PRICE EACH	SHAPE NO.	SIZE DIAM.	LGTH.	ORDER NO.	PRICE EACH	SHAPE NO.	SIZE DIAM.	LGTH.	ORDER NO.	PRICE EACH	SHAPE NO.	SIZE DIAM.	LGTH.	ORDER NO.	PRICE EACH
B41	5/8"	5/8"	3133-041	\$1.60	B63	1/4"	3/16"	3133-063	\$1.25	B92	1/4"	1/4"	3133-092	\$1.25	B112	3/8"	1/2"	3133-112	\$1.40
B42	1/2"	3/4"	3133-042	1.50	B64	1/4"	1/16"	3133-064	1.25	B93	3/16"	3/16"	3133-093	1.25	B113	1/4"	1/4"	3133-113	1.25
B43	1/4"	5/16"	3133-043	1.40	B65	1/8"	1/8"	3133-065	1.25	B94	11/64"	3/32"	3133-094	1.25	B114	7/32"	3/8"	3133-114	1.40
B44	7/32"	5/8"	3133-044	1.40	B70	3/4"	1/8"	3133-070	1.40	B95	1/8"	3/16"	3133-095	1.25	B115	3/32"	1/8"	3133-115	1.25
B45	3/16"	5/16"	3133-045	1.40	B71	5/8"	3/32"	3133-071	1.40	B96	1/8"	1/4"	3133-096	1.25	B121	1/2"	1/2"	3133-121	1.40
B46	1/8"	5/16"	3133-046	1.40	B72	1/2"	1/8"	3133-072	1.25	B97	1/8"	3/8"	3133-097	1.40	B122	3/8"	3/8"	3133-122	1.40
B47	1/8"	5/32"	3133-047	1.25	B73	1/2"	1/8"	3133-073	1.25	B98	3/32"	1/4"	3133-098	1.25	B123	3/16"	3/16"	3133-123	1.25
B51	7/16"	3/4"	3133-051	1.50	B74	7/32"	3/32"	3133-074	1.25	B101	5/8"	11/16"	3133-101	1.60	B124	1/8"	1/8"	3133-124	1.25
B52	3/8"	3/4"	3133-052	1.50	B81	3/4"	3/16"	3133-081	1.40	B102	5/8"	1/2"	3133-102	1.50	B131	1/2"	1/2"	3133-131	1.10
B53	1/4"	5/8"	3133-053	1.50	B82	1/2"	1/4"	3133-082	1.25	B103	5/8"	3/16"	3133-103	1.40	B132	3/8"	1/2"	3133-132	1.10
B54	1/4"	1/2"	3133-054	1.40	B83	3/8"	3/16"	3133-083	1.25	B104	5/16"	3/8"	3133-104	1.40	B133	3/8"	3/8"	3133-133	1.10
B55	1/8"	1/4"	3133-055	1.25	B84	5/16"	3/16"	3133-084	1.25	B105	1/4"	1/4"	3133-105	1.25	B134	5/16"	3/8"	3133-134	1.10
B61	3/4"	5/16"	3133-061	1.50	B90	1/2"	1/2"	3133-090	1.40	B106	1/8"	7/64"	3133-106	1.25	B135	1/4"	1/2"	3133-135	1.10
B62	3/8"	1"	3133-062	1.40	B91	1/2"	5/8"	3133-091	1.50	B111	7/16"	11/16"	3133-111	1.50	B136	1/4"	5/16"	3133-136	1.10

Diamond Tools

2

For Surface Grinders – 6 Inch Overall Length



Preferred Grade—Made in USA

For machine or hand dressing of all wheels. Designed for longer tool life.

Economy Grade

For general purpose dressing and truing of soft wheels.

RECOMMENDED DIAMOND SIZE					
WHEEL FACE	CARAT WT.	WHEEL FACE	CARAT WT.	WHEEL FACE	CARAT WT.
1/4	1/4	2	1-1/2		
1/2	1/3	3	1-3/4		
3/4	1/2	3-1/2	2		
1	3/4	4	2-1/2		
1-1/4	1	6	3		
1-1/2	1-1/4	8 and up	3-1/2		

ECONOMY				PREFERRED – USA	
SHANK SIZE	CARAT SIZE	ORDER NO.	PRICE	ORDER NO.	PRICE
3/8	1/4	3131-311	\$ 7.65	3131-341	\$18.50
3/8	1/3	3131-312	10.58	3131-342	22.00
3/8	1/2	3131-313	14.48	3131-343	27.10
3/8	3/4	3131-314	21.53	3131-344	39.00
3/8	1	3131-315	28.65	—	—
3/8	1-1/2	3131-316	42.98	—	—
3/8	2	3131-317	57.00	—	—
3/8	3	3131-318	80.85	—	—
7/16	1/4	3131-321	7.65	3131-361	18.50
7/16	1/3	3131-322	10.58	3131-362	22.00
7/16	1/2	3131-323	14.48	3131-363	27.10
7/16	3/4	3131-324	21.53	3131-364	39.00
7/16	1	3131-325	28.65	—	—
7/16	1-1/2	3131-326	42.98	—	—
7/16	2	3131-327	57.00	—	—
7/16	3	3131-328	80.85	—	—
1/2	1/4	3131-331	7.65	—	—
1/2	1/3	3131-332	10.58	—	—
1/2	1/2	3131-333	14.48	—	—
1/2	3/4	3131-334	21.53	—	—
1/2	1	3131-335	28.65	—	—
1/2	1-1/2	3131-336	42.98	—	—
1/2	2	3131-337	57.00	—	—
1/2	3	3131-338	80.85	—	—

Coned Radius Dressers



A precision shaped tool used for intricate form & radius dressing.

3/8 x 2-1/2 SHANK				7/16 x 2-1/2 SHANK	
CARAT SIZE	INCLUDED ANGLE	ORDER NO.	PRICE	ORDER NO.	PRICE
1/4	60 DEG	3131-461	\$44.00	3131-481	\$44.00
1/4	75 DEG	3131-462	40.00	3131-482	40.00
1/4	90 DEG	3131-463	33.75	3131-483	33.75
1/3	60 DEG	3131-464	70.00	3131-484	70.00
1/3	75 DEG	3131-465	62.00	3131-485	62.00
1/3	90 DEG	3131-466	42.65	3131-486	42.65
1/2	60 DEG	3131-467	94.00	3131-487	94.00
1/2	75 DEG	3131-468	82.00	3131-488	82.00
1/2	90 DEG	3131-469	64.00	3131-489	64.00

Hand Diamond Dressers



7/16" Shank Size - 8" Overall Length

Dressers fitted with plastic handles. Ideal for dressing wheels for Surface Grinders, Universal Grinders, etc.

CARAT SIZE	ORDER NO.	PRICE
1/4	3131-451	\$11.92
1/3	3131-452	15.12
1/2	3131-453	19.04
3/4	3131-454	32.16
1	3131-455	45.60

Economy - Super Value 1/4 Carat - Single Point



SHANK SIZE	ORDER NO.	PRICE
3/8 x 2	3131-040	\$11.00
3/8 x 3	3131-045	11.00
7/16 x 2	3131-080	11.00
7/16 x 3	3131-085	11.00

Convex & Concave Radii Forming Tools MR and FR Series

Designed to form convex and concave radii on small diameter grinding wheels. 3/8" x 2" Shanks.



MR Series Convex Radii

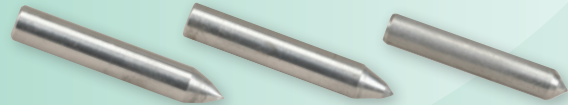
TOOL NO.	RADIUS	ORDER NO.	PRICE
MR-2	.020-.125	3131-582	\$12.45
MR-4	.125-.250	3131-584	14.00
MR-6	.250 up	3131-586	17.20

FR Series Concave Radii

TOOL NO.	RADIUS	ORDER NO.	PRICE
FR-10	.010	3131-550	\$10.00
FR-15	.015	3131-555	10.00
FR-20	.020	3131-560	10.00
FR-32	.032	3131-565	11.30
FR-62	.062	3131-570	12.90
FR-125	.125	3131-575	12.90

Phonopoint Diamond Dressing Tools

Small cone pointed tools used for precision form dressing.



SHANK SIZE	60 DEG		75 DEG		90 DEG	
	ORDER NO.	PRICE	ORDER NO.	PRICE	ORDER NO.	PRICE
1/8 x 1"	3131-536	\$6.20	3131-541	\$5.60	3131-546	\$5.10
3/16 x 1"	3131-537	6.60	3131-542	6.00	3131-547	5.40
1/4 x 1-1/2"	3131-539	7.00	3131-544	6.30	3131-549	5.50

Thread Grinding Diamond Tools



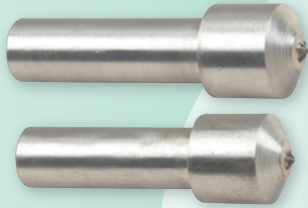
For use on Jones & Lamson, Ex-Cell-O & similar thread grinding equipment.

		60 DEG		90 DEG	
SIZE	MACHINE	ORDER NO.	PRICE	ORDER NO.	PRICE
1/4 x 1	J & L	3131-605	\$9.80	3131-607	\$9.80
3/8 x 1-5/8	EX-CELL-O	3131-615	9.80	—	—

Diamond Tools

2

Machine-Use Single Point Diamond Dressers Preferred Grade Diamond



LARGE NORTON Shank: 7/16 x 1-1/2 Head: 5/8" x 5/8"			CINCINNATI Shank: 7/16 x 2 Head: 5/8" x 5/8"		
CARAT SIZE	ORDER NO.	PRICE	ORDER NO.	PRICE	
1/4	3131-391	\$18.60	3131-381	\$18.60	
1/3	3131-392	22.40	3131-382	22.40	
1/2	3131-393	30.00	3131-383	30.00	
3/4	3131-394	44.00	3131-384	44.00	
1	3131-395	60.00	3131-385	60.00	
1-1/2	3131-396	95.10	3131-386	95.10	

Natural & Lapped Chisels

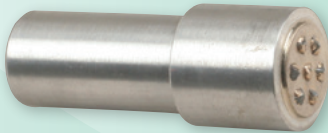


For use on radius dressers to form radii, steps, or contours. Tools shown are 1/4 Carat.

NATURAL CHISEL EDGE 60° LAPPED CHISEL				
SHANK SIZE	ORDER NO.	PRICE	ORDER NO.	PRICE
3/8 x 2-1/2"	3131-520	\$30.10	3131-500	\$47.30
7/16 x 2-1/2"	3131-530	30.10	3131-510	47.30

Multi Point Cluster Dressing Tools

5/8" Diameter Head,
7 Diamonds



For straight face and side dressing finishes.

CARAT SIZE	3/8 SHK ORDER NO.	7/16 SHK ORDER NO.	1/2 SHK ORDER NO.	PRICE
1	3131-400	3131-415	3131-430	\$26.00
2	3131-405	3131-420	3131-435	34.00
3	3131-410	3131-425	3131-440	42.00

Diamond Hones

Features:

- Resin Bond. 100% Concentration.
- Diamond Length: 1"
- 3/8" width square
- Overall Length: 4"



DOUBLE END

GRIT	ORDER NO.	PRICE
100/180	3131-640	\$39.00
150/220	3131-641	39.00
180/320	3131-642	39.00
220/400	3131-643	39.00

SINGLE END

GRIT	ORDER NO.	PRICE
100	3131-644	\$27.00
150	3131-645	27.00
220	3131-646	27.00
320	3131-647	27.00
400	3131-648	27.00
600	3131-649	27.00



Diamond Wheel Dressers



SIZE	ORDER NO.	PRICE EACH
0	3131-670	\$7.40
1	3131-671	8.35
2	3131-672	13.05



Cutters For Diamond Wheel Dressers



SIZE	ORDER NO.	PRICE EACH
0	3131-675	\$1.55
1	3131-676	2.35
2	3131-677	4.65

T-Handle Diamond Dressers



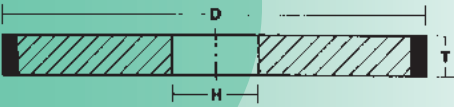
Used for hand truing and dressing. A broad, flat surface of diamonds in a matrix. 3/8" x 6" Shank. 1/2" W x 1-1/2" L head. 6-1/2" OAL.

GRADE	ORDER NO.	PRICE
Medium	3131-592	\$88.00

Diamond Wheels

2

Straight Diamond Wheels – Type D1A1 Resin Bond, With Diamonds in Periphery 1/8" Diamond Depth, 150 Grit

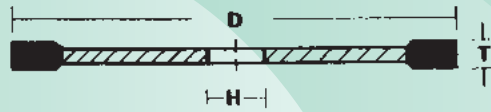


75 Concentration – Economical Grinding
100 Concentration – For Surface Grinding. Longer life.

75 CONCENTRATION				100 CONCENTRATION			
D DIAM.	T THICKNESS	H HOLE DIAM.	150 GRIT ORDER NO.	PRICE	150 GRIT ORDER NO.	PRICE	
4	1/8	1-1/4	—	—	3130-128	\$78.25	
4	1/4	1-1/4	—	—	3130-148	110.00	
5	1/8	1-1/4	—	—	3130-228	85.35	
5	1/4	1-1/4	—	—	3130-248	125.00	
6	1/8	1-1/4	3130-323	\$86.25	3130-328	106.50	
6	1/4	1-1/4	3130-343	111.10	3130-348	135.50	
6	3/8	1-1/4	3130-363	150.50	3130-368	170.00	
6	1/2	1-1/4	3130-383	158.25	3130-388	210.00	
7	1/8	1-1/4	—	—	3130-428	138.00	
7	1/4	1-1/4	3130-443	133.35	3130-448	170.00	
7	3/8	1-1/4	—	—	3130-468	191.50	
7	1/2	1-1/4	—	—	3130-488	232.00	
8	1/4	1-1/4	—	—	3130-548	208.00	
8	1/2	1-1/4	—	—	3130-588	252.00	

Other Grits, Diamond Depths and Arbor Hole Diameters available.

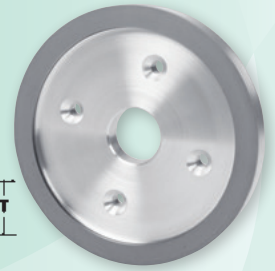
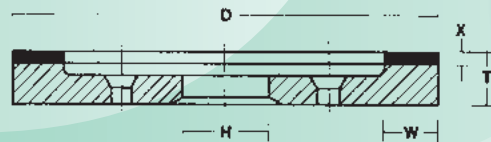
Diamond Cut-Off Wheels – Type D1A1R Resin Bond, 100% Concentration, 1/4" Depth



For cutting-off on Carbide.

D DIAM.	T THICKNESS	H HOLE DIAM.	GRIT	ORDER NO.	PRICE
6	.035	1-1/4	150	3130-910	\$84.45
6	.045	1-1/4	150	3130-915	103.10

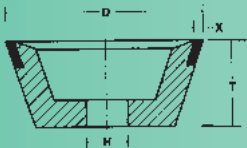
Diamond Face Wheels – Type D6A2C Resin Bond, Plate Mounted, 150 Grit



For Carbide Tool Grinders. Bolt holes countersunk for maximum safety.

D DIAM.	T THICKNESS	H HOLE DIAM.	W RIM WIDTH	X DIAMOND DEPTH	CONCEN.	ORDER NO.	PRICE
6	3/4	1-1/4	1/2	1/8	75%	3130-953	\$161.00
6	3/4	1-1/4	1/2	1/8	100%	3130-958	184.00
6	3/4	1-1/4	3/4	1/16	75%	3130-963	97.80
6	3/4	1-1/4	3/4	1/16	100%	3130-968	183.00
6	1	1-1/4	3/4	1/16	75%	3130-983	131.00

Diamond Flaring Cup Wheels – Type D11V9 Resin Bond Diamond in the periphery and on the face. Grind with face only.



For use with Tool & Cutter Grinders.

D DIAM.	T THICKNESS	H HOLE DIAM.	X DIAMOND DEPTH	CONCEN.	100 GRIT ORDER NO.	150 GRIT ORDER NO.	PRICE
3-3/4	1-1/2	1-1/4	1/8	75%	3129-121	3129-123	\$99.60
3-3/4	1-1/2	1-1/4	1/8	100%	3129-126	3129-128	112.00
5	1-3/4	1-1/4	1/8	75%	3129-221	3129-223	114.70
5	1-3/4	1-1/4	1/8	100%	3129-226	3129-228	126.25

Diamond Dish Wheels – Type D12A2

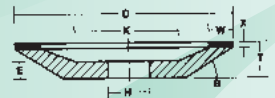
Resin Bond. Diamond on the face (rim).
100% Concentration, 150 Grit

T THICKNESS	H HOLE DIAM.	B DISH ANGLE	E BACK THICKNESS	K INSIDE FLAT	X DIAMOND DEPTH
1"	1-1/4	30	1/2	2-5/8	1/8

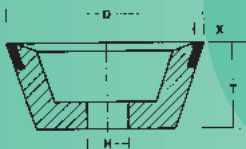


Used for sharpening Cutting Tools.

D DIAMETER	W RIM WIDTH	ORDER NO.	PRICE
6	3/16	3129-358	\$129.00
6	1/4	3129-368	142.00
6	3/8	3129-378	189.00



Diamond Flaring Cup Wheels – Type D11A2 Resin Bond. Diamond on the face (rim). 100% Concentration, 150 Grit



For use with Tool & Cutter Grinders.

D DIAM.	T THICKNESS	H HOLE DIAM.	W RIM WIDTH	X DIAMOND DEPTH	ORDER NO.	PRICE
3	7/8	1-1/4	3/8	1/8	3129-308	\$105.40
4	1-1/4	1-1/4	1/2	1/8	3129-318	129.00
5	1-3/4	1-1/4	3/8	1/8	3129-328	150.50

5 Inch Diamond Facewheels– 5" x 1/4" x 3" Resin Bond, Steel Core, 100% Concentration

For Leonard, Cold Grind and similar type grinders.

STANDARD SECTION	120 GRIT ORDER NO.	220 GRIT ORDER NO.	320 GRIT ORDER NO.	PRICE
1/32	3129-407	3129-409	3129-412	\$172.00
1/16	3129-427	3129-429	3129-432	189.00



Diamond Dressers

2

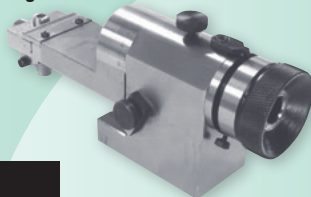
Optical Radius Angle Dresser

Visual Universal Wheel Dresser

Adaptable to surface grinders and universal tool grinders. 3X lens magnification through the spindle allows the operator to view the diamond point for radii and angle forming. Easy and accurate.

Order No. 3131-684

Price:\$561.50



SPECIFICATIONS	
Center Height	2.5"
Max. Wheel Diameter	8"
Max. Convex Radius	1/2"
Max. Concave Radius	1"
Dressing Angle	90 - 0 - 90 (1 deg incr)
Tangential Travel	.89" either side
Mounting Surface	3.27 x 1.87"
Overall Length	8.39"
Overall Height	3.94"

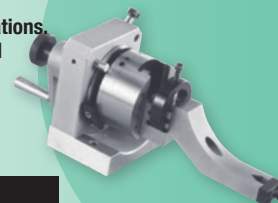
- Accuracy to 0.0001"
- Gauge block setting
- Radius and angle can be done perfectly tangent
- Compact design
- Wt. 7.7 lbs.
- Complete with Diamond Dressers, Hex Keys and Wood Case.

Precision Punch Former & Radius Wheel Dresser

For grinding wheel and punch forming applications. Concave and Convex radii. Hardened tool steel construction. Fitted case.

Order No. 3131-686

Price:\$1025.60



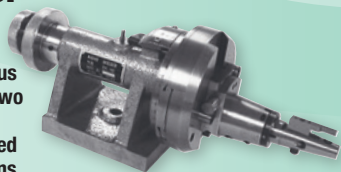
SPECIFICATIONS	
Max. Dia. - Workpiece	1-1/4"
V-Block	1-3/16"
Adjusting System	Rack and Pinion
Center Height	3-1/2"
Indexing Divisions	24 every 15 Degree +/-10 seconds
Angle Setting	By sine system
Roundness	0.0001"
Parallelism	w/i 0.0001" in 4"
Squareness	w/i 0.0002" in 4"
Graduation	360 Deg.
Weight	17.0 lbs.

Radius and Angle Dresser

For use on all OD, ID and surface grinding applications.

No height gage or set-up aids required. Radius is set on the grinder by measuring over the two pins or by inserting a gage block, for direct reading. Inside or outside radius is determined by using either the left hand or right hand pins. Uses 3/8" shank diamond tool.

Order No. 3131-687 Price: ..\$525.60



SPECIFICATIONS			
Max. Wheel Diameter	12"	Center Line Of Tool	3.4"
Max. Convex Radii	0 to 1-5/8"	Overall Length	16-5/8"
Max. Concave Radii	0 to 4"	Weight	30 lbs.
Tangent Travel	2"	Accuracy	.0005"

Profile Wheel Dresser

Accurate and versatile Radius and Angle Wheel Dresser.

*Fast and easy set-ups without elaborate accessories.

Only a micrometer and hex key wrench are needed.

*Dress 2 angles tangent to a radius in one continuous motion to within .0001".

*Precise and sharp contours, concave and convex, are consistently obtained at a full 180 Degree range.

Order No. 3131-685

Price:\$666.60



SPECIFICATIONS	
Max. Dia. - Workpiece	8"
Convex Radii	0 to 1-1/2"
Concave Radii	.030 to 1-1/2"
Center Height	3-1/2"
Height to center of diamond	6-1/2"
Dia. of Setting Pins	10mm
Overall Height	7"
Base	4-3/4 x 3-1/2 x 1-1/4"

Diamond Nib Holder

Use on surface grinders.

Holds Diamond Dresser

at 15 Deg. angle.

Base dimension: 2-1/2" x 6"

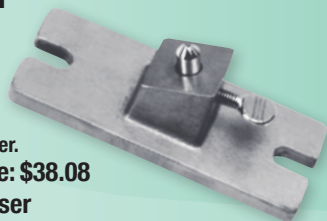
Keyway: 1/2" x 7/8"

Includes 7/16 x 2" 1/4 Carat dresser.

Order No. 3131-683 ...Price: \$38.08

Replacement Diamond Dresser

Order No. 3131-080 ...Price:\$11.00



Hi-Low Adjustable Dresser

Use on all grinding machines.

Dress O.D. and face of wheels.

Adjustable to 7" Height.

Includes 3/8 x 3" 1/4 Ct. dresser.

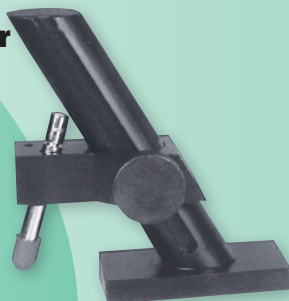
Order No. 3131-681

Price:\$70.88

Replacement Diamond Dresser

Order No. 3131-045

Price:\$11.00



Low-Boy Angle Dresser

Use on all grinding machines. Base Angle-Plate heavy, precision ground, square on six sides to .0005" accuracy. Side block pivots on hardened screws. Includes 3/8 x 2 1/4 Carat dresser.

Order No. 3131-682

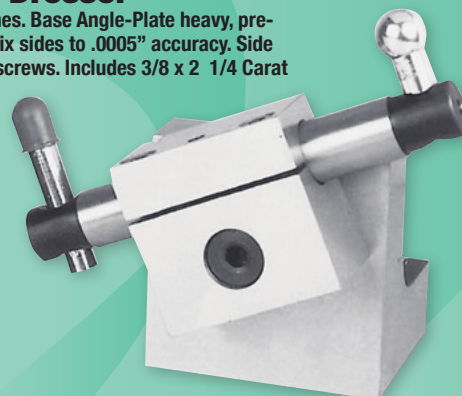
Price:\$136.40

Replacement

Diamond Dresser-

Order No. 3131-040

Price:\$11.00



Diamond & CBN Electro-Plated Mandrels/Jig Grinding Pins

2

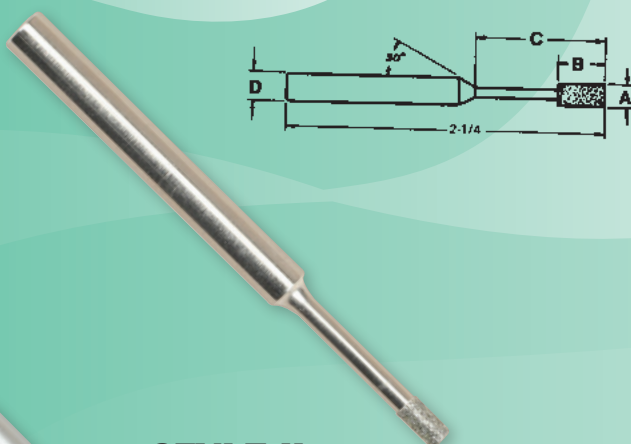
Coarse Grit 80/120

Tolerance on Hardened Steel Shanks: +.0000/-.0006

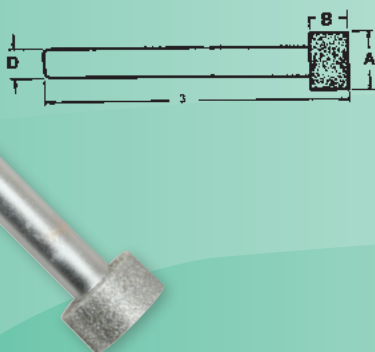
Diamond plated mandrels are used for internal grinding of glass, ceramics, cemented carbides, and other hard and abrasive materials.

CBN is ideal for High Speed Steels, such as M2, M3, M7 & T16; Die Steels, such as D2, D3, HB & A&O; Alloy Steels (harder than 50Rc); Nickel and Cobalt Base Super Alloys; Titanium, and Stainless Steels.

STYLE I



STYLE II



STYLE I

A HEAD	B HEAD LENGTH	C NECK LENGTH	D SHANK SIZE	DIAMOND ORDER NO.	CBN ORDER NO.	PRICE
.020	1/16	1/8	1/8	3128-600	3126-600	\$11.00
.025	3/32	1/4	1/8	3128-601	3126-601	9.40
.030	3/32	1/4	1/8	3128-602	3126-602	9.40
.035	3/32	1/4	1/8	3128-603	3126-603	9.40
.040	1/8	3/8	1/8	3128-604	3126-604	9.40
.045	1/8	3/8	1/8	3128-605	3126-605	9.80
.050	1/8	3/8	1/8	3128-606	3126-606	9.80
.050	1/8	1	1/8	3128-607	3126-607	11.80
.055	1/8	3/8	1/8	3128-608	3126-608	9.90
.060	1/8	3/8	1/8	3128-609	3126-609	9.70
.060	1/8	1	1/8	3128-610	3126-610	11.70
.070	5/32	1/2	1/8	3128-611	3126-611	10.30
.070	5/32	1	1/8	3128-612	3126-612	11.80
.080	5/32	1/2	1/8	3128-613	3126-613	10.90
.080	5/32	1	1/8	3128-614	3126-614	12.00
.090	5/32	1/2	1/8	3128-615	3126-615	11.00
.090	5/32	1	1/8	3128-616	3126-616	12.10
.100	5/32	1/2	1/8	3128-617	3126-617	11.00
.100	5/32	1	1/8	3128-618	3126-618	12.30
.110	5/32	1/2	1/8	3128-619	3126-619	11.30
.110	5/32	1	1/8	3128-620	3126-620	12.30
.125	5/32	1/2	1/8	3128-621	3126-621	11.90
.125	5/32	1	1/8	3128-622	3126-622	13.00
.141	1/4	1	1/4	3128-623	3126-623	16.80
.156	1/4	1	1/4	3128-624	3126-624	19.40
.188	1/4	1	1/4	3128-625	3126-625	19.40
.218	1/4	1	1/4	3128-626	3126-626	19.40
.250	1/8	1	1/4	3128-627	3126-627	19.40
.250	1/4	1	1/4	3128-628	3126-628	19.40

STYLE II

A HEAD	B HEAD LENGTH	D SHANK SIZE	DIAMOND ORDER NO.	CBN ORDER NO.	PRICE
.312	1/8	1/4	3128-640	3126-640	\$24.30
.312	1/4	1/4	3128-641	3126-641	27.90
.375	1/8	1/4	3128-642	3126-642	24.30
.375	1/4	1/4	3128-643	3126-643	27.90
.500	1/4	1/4	3128-644	3126-644	33.40
.500	3/8	1/4	3128-645	3126-645	33.40
.750	1/4	1/4	3128-646	3126-646	47.40
.750	1/2	1/4	3128-647	3126-647	47.40

Diamond Polishing & Lapping Compounds

2

“Universal Carrier”—

Oil or Water Soluble Stocked in 5 Gram Disposable Plastic Syringes

FINISH	COLOR	MICRON GRADE	MICRON RANGE	LIGHT CONCENTRATION		MEDIUM CONCENTRATION		HEAVY DUTY CONCENTRATION	
				ORDER NO.	PRICE	ORDER NO.	PRICE	ORDER NO.	PRICE
Super Fine	Yellow	3	1-5	3126-570	\$10.20	3126-571	\$12.90	3126-572	\$16.00
	Orange	5	4-8	3126-573	10.80	3126-574	15.00	3126-575	20.40
	Green	9	6-12	3126-576	11.80	3126-577	16.10	3126-578	21.40
Fine	Blue	15	10-22	3126-590	11.80	3126-591	16.10	3126-592	21.40
	Red	30	20-40	3126-593	11.80	3126-594	16.10	3126-595	21.40
	Brown	45	30-60	3126-596	11.80	3126-597	16.10	3126-598	21.40



T1 Cut-Off Wheels – Right Angle Grinder, Die Grinders

FLEXOVIT® Razorblade® Type 1 Thin Cutoff Wheels

Razorblade® Type 1 Thin Cutoff Wheels for angle grinders are an indispensable tool for the metalworker in both production and maintenance

SIZE DIA. x THICK. x ARBOR	RPM	STD. CTN.	GRADE	ORDER NO.	PRICE EACH
4-1/2 x .045 x 7/8	13300	25	A60SST	3893-670	\$ 4.55
5 x .045 x 7/8	12000	25	A60SST	3893-675	5.81

Buy
Std. Ctn.
Deduct
10%



1



Type 1 Quickie Cut™ Right Angle Grinder Reinforced Cut-Off Wheels

Buy
Std. Ctn.
Deduct
10%



CGW Quickie Cut™ Reinforced Type 1 Cut-Off wheels are safe for use on Right Angle Grinders, providing excellent results on stainless steel, alloys, and ferrous. Select from B-Flex or Rigid configurations.

1

Weiler® Type 1 Right Angle Grinder Cutting Wheels For Steel/Metal



WOLVERINE®
Aluminum Oxide / Fast Cutting



TIGER®
Premium Aluminum Oxide / Long Life

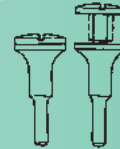
Buy
Std. Ctn.
Deduct
10%

1

SIZE DIA. x THK. x AR.	MAX RPM	CASE QTY.	GRADE	ORDER NO.	PRICE EACH	GRADE	ORDER NO.	PRICE EACH
4-1/2 x .045 x 7/8	13300	25	A60T	6556-281	\$1.80	A60T	6557-020	\$2.67
4-1/2 x 1/16 x 7/8	13300	25	A60T	6556-103	2.13	A36T	6557-061	1.90
5 x .045 x 7/8	12200	25	-	-	-	A60T	6557-021	3.07
5 x 1/16 x 7/8	12200	25	A36T	6556-118	2.39	-	-	-
6 x .040 x 7/8	10200	25	A60T	6556-282	2.49	-	-	-
6 x .045 x 7/8	10200	25	A60T	6556-273	2.49	A60T	6557-022	3.24
7 x .045 x 7/8	8500	25	A60T	6556-275	3.28	-	-	-
7 x .060 x 7/8	8500	25	-	-	-	A60T	6557-023	3.82

Mounting Mandrels

For small diameter
Type 1 Wheels



4

ARBOR SIZE	WHEEL THICKNESS	ORDER NO.	PRICE EACH
1/4"	.035 to 1/4	6556-489	\$11.87
3/8"	.035 to 1/4	6556-490	11.87
1/4", 3/8"	.035 to 1/4	6556-491	20.43

Small Diameter - Portable/Die Grinder - Fiberglass Reinforced - Aluminum Oxide - Resin Bonded

For use on air or electric straight shaft high speed right angle and die grinders. Designed for fast, burr free cutting and notching. Works especially well on thin walled tube and pipe.



Buy
Std. Ctn.
Deduct
10%



Use on
Straight & Die
Grinders

1

SIZE DIA. x THICK. x ARBOR	MAX. RPM	GRADE	STD. CTN.	ORDER NO.	PRICE EACH	GRADE	STD. CTN.	ORDER NO.	PRICE EACH	GRADE	STD. CTN.	ORDER NO.	PRICE EACH
3 x .035 x 1/4	24000	A60	50	3890-410*	\$1.42	A60T	100	6556-061	\$1.34	A60T	100	3893-610	\$3.55
3 x .035 x 3/8	24000	A60	50	3890-415*	1.42	A60T	100	6556-062	1.34	A60T	100	3893-615	3.55
3 x 1/16 x 1/4	24000	A36	50	3890-420	1.44	A36T	100	6556-065	1.44	A46T	50	3893-620	3.55
3 x 1/16 x 3/8	24000	A36	50	3890-425	1.44	A36T	100	6556-068	1.44	A46T	50	3893-625	3.55
3 x 1/8 x 1/4	24000	A24	25	3890-430	1.61	A36T	100	6556-270	1.35	A36R	25	3893-630	5.02
3 x 1/8 x 3/8	24000	A24	25	3890-435	1.61	A36T	100	6556-076	1.58	A36R	25	3893-635	5.02
4 x .035 x 1/4	19000	A60	50	3890-440*	1.84	A60T	50	6556-165	1.74	A60T	100	3893-640	5.15
4 x .035 x 3/8	19000	A60	50	3890-445*	1.84	A60T	25	6556-080	1.74	A60T	100	3893-645	5.15
4 x 1/16 x 1/4	19000	A36	50	3890-450	2.01	A36T	50	6556-166	1.81	A46T	50	3893-650	5.15
4 x 1/16 x 3/8	19000	A36	50	3890-455	2.01	A36T	25	6556-086	1.81	A46T	50	3893-655	5.15
4 x 1/8 x 1/4	19000	A24	25	3890-460	2.25	A36S	50	6556-167	1.93	A36R	25	3893-660	2.99
4 x 1/8 x 3/8	19000	A24	25	3890-465	2.23	A36T	25	6556-099	2.24	A36R	25	3893-665	5.98

* 1/32" Thick, ** 1/16" Thick

Type 1 Cut-Off Wheels

Circular Saw Wheels Fiberglass Reinforced – Resin Bonded

Designed to meet the demands of the professional contractor.
A general purpose wheel providing fast cutting action.



**Buy
Std. Ctn.
Deduct
10%**

								FLEXOVIT USA			FLEXOVIT USA		
METAL, STAINLESS				MASONRY, CONCRETE				METAL, STAINLESS			MASONRY, CONCRETE		
SIZE DIA.xTHICK.x ARBOR	MAX. RPM	ORDER NO.	PRICE EACH	GRADE	ORDER NO.	PRICE EACH	GRADE	ORDER NO.	PRICE EACH	GRADE	ORDER NO.	PRICE EACH	
7 x 3/32 x 5/8 	8600	A24R 3890-475	\$1.53		C24R 3890-477	\$1.44		A36TB38 3893-700	\$7.83		—	—	
7 x 1/8 x 5/8 	8600	—	—	—	—	—	—	—	—	C30UB64	3893-710	\$8.39	
8 x 3/32 x 5/8 	7500	—	—	—	—	—	—	A36TB38 3893-705	8.78		—	—	
8 x 1/8 x 5/8 	7500	—	—	—	—	—	—	—	—	C30UB64	3893-715	9.45	

CGW –
Std. Ctns. of 25

Flexovit USA –
Std. Ctns. of 25

Chopsaw/Mitre Saw Wheels Fiberglass Reinforced – Resin Bonded

Used on lower horsepower bench top chopsaws and mitre saws,
these wheels combine optimum cutting speed and wheel life.

CGW				FLEXOVIT USA			
SIZE DIA. x THICK. x ARBOR	MAX. RPM	GRADE	STD. CTN.	ORDER NO.	PRICE EACH	GRADE	STD. CTN.
10 x 3/32 x 5/8	6130	A24R	10	3890-485	\$2.72	—	—
12 x 3/32 x 1	5100	A36P	10	3890-510	8.95	A30RB	10
14 x 3/32 x 1	4400	A36P	10	3890-515	9.72	A30RB	10



High Speed Gas & Electric Saw Wheels Fiberglass Reinforced – Resin Bonded

Durable, hard working wheels for a variety of job site applications.



								FLEXOVIT USA			FLEXOVIT USA		
METAL, STAINLESS				MASONRY, CONCRETE				METAL, STAINLESS			MASONRY, CONCRETE		
SIZE DIA.xTHICK.x ARBOR	MAX. RPM	GRADE	ORDER NO.	PRICE EACH	GRADE	ORDER NO.	PRICE EACH	GRADE	ORDER NO.	PRICE EACH	GRADE	ORDER NO.	PRICE EACH
12 x 1/8 x 1	6300	—	—	—	—	—	—	A24/305B	3893-800	\$11.38	C30UB	3893-820	\$11.38
12 x 1/8 x 20MM	6300	—	—	—	—	—	—	A24/305B	3893-805	11.38	C30UB	3893-825	11.38
12 x 5/32 x 1	6300	A24R	3890-520	\$9.56	C24R	3890-530	\$3.75	—	—	—	—	—	—
12 x 5/32 x 20MM	6300	A24R	3890-522	9.56	C24R	3890-532	3.75	—	—	—	—	—	—
14 x 1/8 x 1	5200	—	—	—	—	—	—	A24/305B	3893-810	18.70	C30UB	3893-830	18.70
14 x 1/8 x 20MM	5200	—	—	—	—	—	—	A24/305B	3893-815	18.70	C30UB	3893-840	18.70
14 x 5/32 x 1	5200	A24R	3890-524	13.78	C24R	3890-534	4.88	—	—	—	—	—	—
14 x 5/32 x 20MM	5200	A24R	3890-526	13.78	C24R	3890-536	4.88	—	—	—	—	—	—

CGW –
Std. Ctns. of 10

Flexovit USA –
Std. Ctns. of 10

Type 1 Stationary Saw Wheels Fiberglass Reinforced – Resin Bonded

For use in production cut-off applications. Fast cutting, reliable performance.

CGW				FLEXOVIT USA			
SIZE DIA. x THICK. x ARBOR	MAX. RPM	GRADE	STD. CTN.	ORDER NO.	PRICE EACH	GRADE	STD. CTN.
10 x 1/8 x 5/8	6130	A24R	10	3890-487	\$2.85	A30RB	10
12 x 1/8 x 1	5100	A24R	10	3890-490	5.89	A30RB	10
14 x 1/8 x 1	4300	A24R	10	3890-495	10.91	A30RB	10
16 x 5/32 x 1	3820	A24R	10	3890-500	24.89	A30RB	10
20 x 5/32 x 1	3050	A24R	10	3890-505	26.33	—	—
20 x 3/16 x 1	3066	—	—	—	—	A30RB	10



Type 27 Depressed Center Grinding Wheels



Type 27 Grinding Wheels

Fiberglass Reinforced – Resin Bonded For Metal, Stainless

For safe and efficient metal removal in all portable grinding operations. Remove weld beads, burrs, and rough edges aggressively, yet economically. Long life.

A24N Fast Cut: Aluminum Oxide Grain. Soft N-grade bond for fast stock removal.

Excellent ratio of stock removal/wheel loss.

A24R Fast Cut: Aluminum Oxide Grain. R-grade bond for excellent life and stock removal.

ZA24T: Zirconia Aluminum Oxide Grain.

High performance design for fast cutting and longer life. Excellent cutting of ferrous metals and stainless steel.



**Buy
Std. Ctn.
Deduct
10%**

1

SIZE DIA. x THICK. x ARBOR			ALUMINUM OXIDE				ULTRA PREMIUM ZIRCONIA			
			MAX. RPM	GRADE	STD. CTN.	ORDER NO.	PRICE EACH	STD. CTN.	ORDER NO.	PRICE EACH
4	x 1/4	x 5/8	15000	A24N	25	3890-035	\$1.91	-	-	-
4-1/2	x 1/4	x 7/8	13300	A24R	25	3890-045	1.99	ZA24T	25	3890-845 \$4.81
4-1/2	x 1/4	x 5/8-11	13300	A24R	10	3890-050	3.93	ZA24T	10	3890-850 7.02
5	x 1/4	x 7/8	12000	A24N	25	3890-060	2.63	-	-	-
7	x 1/4	x 5/8-11	8600	A24R	10	3890-075	6.19	ZA24T	10	3890-875 10.94
9	x 1/4	x 5/8-11	6800	A24N	10	3890-095	10.17	-	-	-

FLEXOVIT®

High Performance Type 27 Wheels

The hardest working aluminum oxide wheels available. Precision made to ensure smooth and safe operation, sets the standards for fast material removal, rugged reliability and long life. Made in USA



**Buy
Std. Ctn.
Deduct
10%**

1

SIZE DIA. x THICK. x ARBOR			ALUMINUM OXIDE			
			MAX. RPM	STD. GRADE	ORDER CTN. NO.	PRICE EACH
4-1/2	x 1/4	x 7/8	13300	A30S	25 3890-645	\$4.16
4-1/2	x 1/4	x 5/8-11	13300	A30S	10 3890-650	5.78
5	x 1/4	x 7/8	12000	A30S	25 3890-660	6.97
7	x 1/4	x 7/8	8600	A30S	10 3890-670	8.82
7	x 1/4	x 5/8-11	8600	A30S	10 3890-675	10.89
9	x 1/4	x 7/8	6800	A30S	10 3890-690	12.87



Type 27 Grinding Wheels For Steel/Metal

Fast Grinding and consistent performance at a good value for everyday, general purpose use. A24R: Aluminum Oxide Grain. Fast grinding on metal.



**Buy
Std. Ctn.
Deduct
10%**

1

SIZE DIA. x THICK. x ARBOR			WOLVERINE™ ALUMINUM OXIDE			
			MAX. RPM	STD. CTN.	ORDER GRADE NO.	PRICE EACH
4	x 1/4	x 5/8	15000	10	A24R 6556-473	\$2.33
4-1/2	x 1/4	x 7/8	13300	10	A24R 6556-464	2.08
4-1/2	x 1/4	x 5/8-11	13300	10	A24R 6556-454	3.84
7	x 1/4	x 5/8-11	8600	10	A24R 6556-468	7.33

Type 27 Depressed Center Cutting/Combo Wheels



Type 27 Cut/Grind/Finish Reinforced Rt. Angle Grinder Wheels

High performance wheels made to cut quickly, grind easily and finish work surfaces with ONE wheel. Fiberglass net reinforcement provides added strength and flexibility.

For working on flat grinding surfaces. Most efficient when used between 0° - 15° angle. The best choice for smooth finishing. Suitable For: Steel & Stainless Steel. Contaminate free wheel has < 0.1% iron, sulfur, or chlorine for rust-free and corrosion-free results.



**Buy
Std. Ctn.
Deduct
10%**

1

SIZE		SPEC	MAX. RPM	STD. CTN.	ORDER NO.	PRICE EACH
DIA. x THICK. x ARBOR						
4 1/2 x 3/32 x 7/8		A36S	13,300	25	3898-755	\$2.27
4 1/2 x 3/32 x 5/8-11		A36S	13,300	10	3898-756	4.42
5 x 3/32 x 7/8		A36S	12,250	25	3898-760	2.81
5 x 3/32 x 5/8-11		A36S	12,250	10	3898-761	4.96
6 x 3/32 x 7/8		A36S	10,200	25	3898-765	4.02
6 x 3/32 x 5/8-11		A36S	10,200	10	3898-766	6.22



Type 27 Quickie Cut™ Thin Reinforced Right Angle Grinder Cut-Off Wheels

CGW Quickie Cut™ Thin Reinforced Type 27 Cut-Off wheels are an excellent general purpose wheel with an Aluminum Oxide / Zirconia mixture. Zirconia grain allows for faster cutting and longer life. Use on Steel and Stainless Steel.



**Buy
Std. Ctn.
Deduct
10%**

1

SIZE		SPEC	MAX. RPM	STD. CTN.	ORDER NO.	PRICE EACH
DIA. x THICK. x ARBOR						
4 x .045 x 5/8		ZA60-S-BF	15,300	25	3898-705	\$2.07
4 1/2 x .045 x 7/8		ZA60-S-BF	13,300	25	3898-710	2.03
5 x .045 x 7/8		ZA60-S-BF	12,250	25	3898-715	2.37
6 x .045 x 7/8		ZA60-S-BF	10,200	25	3898-720	2.67

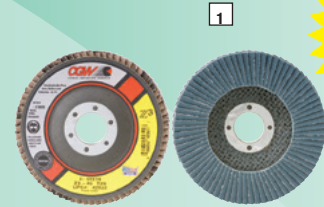
Abrasive Flap Discs

Zirconium Abrasive Flap Discs are used for coarse and intermediate grinding of welds, deburring, rust removal and snagging. Bridges the gap between angle grinding wheels and resin fiber discs, providing aggressive cutting action and longer life than fiber discs.

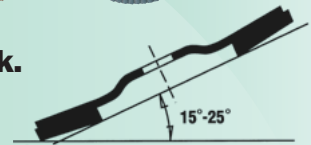
Type 29 – Angled Style Flap Discs – Zirconium Grain

A working angle of 15 to 25 Degrees. Excellent for contour or edge work.

- Phenolic resin/fiber backing is used to prevent scratching the work piece during operation.
- Aluminum backing provides rigid support for maximum aggression; recyclable.
- CGW XL discs have approximately 60% more material.



**Buy
Std. Ctn.
Deduct
10%**



   												
			PHENOLIC BACKING		PHENOLIC BACKING		PHENOLIC BACKING		PHENOLIC BACKING		ALUMINUM BACKING	
SIZE	GRIT	STD. CTN.	ORDER NO.	PRICE	ORDER NO.	PRICE	ORDER NO.	PRICE	ORDER NO.	PRICE	ORDER NO.	PRICE
4-1/2 x 7/8	24	10	—	—	5720-422**	\$4.58	—	—	6550-601	\$8.54	6550-511	\$9.48
4-1/2 x 7/8	36	10	6531-343	\$4.08	5720-423	4.58	5720-823	\$5.77	—	—	6550-512	9.48
4-1/2 x 7/8	40	10	6531-344	4.08	5720-424	4.58	5720-824	5.77	6550-603†	3.25	6550-513	9.48
4-1/2 x 7/8	60	10	6531-345	4.08	5720-426	4.58	5720-826	5.77	—	—	6550-514	9.48
4-1/2 x 7/8	80	10	6531-346	4.08	5720-428	4.58	5720-828	5.77	—	—	6550-515	9.48
4-1/2 x 7/8	120	10	6531-347	4.08	5720-432	4.58	5720-832	5.77	6550-606	8.54	6550-516	9.48
7 x 7/8	40	10	—	—	5720-484	9.49	—	—	—	—	—	—
7 x 7/8	60	10	—	—	5720-486	9.49	—	—	—	—	—	—
7 x 7/8	80	10	—	—	5720-488	9.49	—	—	—	—	—	—

Other sizes, and 5/8-11 Hub Style are also available. Std. Carton Qty. only.

**Minimum order qty. 1000/pk.

† Limited Quantities

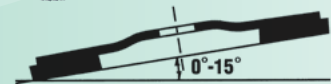
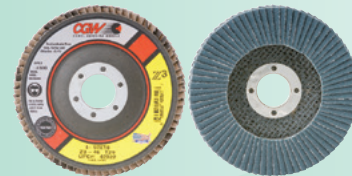
Type 27 – Flat Style Flap Discs

Ideal for working angles less than 15 Degrees. Smooth grinding.

Zirconium Grain

High rate of stock removal and long life in demanding applications.

CGW XL and Weiler Big Cat® Abrasive Flap Discs feature a thicker disc with a higher density of flaps which conform to curved surfaces producing a consistent finish. 30% to 40% longer life than standard flap discs. For those who value parts-per-disc over price-per-disc.



				PHENOLIC BACKING		PHENOLIC BACKING		PHENOLIC BACKING		PHENOLIC BACKING	
				ZIRCONIUM GRAIN		ZIRCONIUM GRAIN		ZIRCONIUM GRAIN		ZIRCONIUM GRAIN	
SIZE		GRIT	STD. CTN.	ORDER NO.	PRICE	ORDER NO.	PRICE	ORDER NO.	PRICE	ORDER NO.	PRICE
4-1/2 x 7/8		24	10	5720-222	\$4.78	—	—	—	—	—	—
4-1/2 x 7/8		36	10	5720-223	4.58	—	—	5720-623	\$5.77	—	—
4-1/2 x 7/8		40	10	5720-224	4.58	—	—	5720-624	5.77	6550-803	\$ 10.08
4-1/2 x 7/8		60	10	5720-226	4.58	6550-704†	\$3.25	5720-626	5.77	6550-804	10.08
4-1/2 x 7/8		80	10	5720-228	4.58	6550-705†	3.25	5720-628	5.77	6550-805	10.08
4-1/2 x 7/8		120	10	5720-232	4.58	6550-706	8.54	5720-632	5.77	6550-806	10.08
7 x 7/8		40	10	5720-284	9.49	—	—	—	—	—	—
7 x 7/8		60	10	5720-286	9.49	—	—	—	—	—	—
7 x 7/8		80	10	5720-288	9.49	—	—	—	—	—	—

† Limited Quantities

Adapting Nuts & Spanner Wrench

– For discs with 7/8" arbor hole

DESCRIPTION	THREAD	ORDER NO.	PRICE EACH
Adapting nuts	5/8-11	6556-494	\$39.07
Spanner wrench	—	6556-495	28.06



Right Angle Grinder
Adapting Nut #6556-494
Tiger Disc Abrasive Flap Disc
Adapting Nut #6556-494 (Not for use with Resin Fiber Discs)

Mini Flap Discs & Quick Change Discs

Mini Flap Discs - Type 27 Zirconia Grain



4

For use on Die Grinders, these mini flap discs combine grinding and finishing applications into one step, while providing the convenience and versatility of Quick Change Discs. They are designed to prevent walking, allow access to tight areas, and reduce heat build-up.

Applications:

- Grinding and finishing in one step.
- Grinding, deburring and blending on steel/stainless steel.
- Jobs requiring high aggression & rapid stock removal.
- Metal fabrication requiring light weld blending or edge chamfering.

   USA MADE							
SIZE	GRIT	RPM	PKG. QTY.	TYPE 27 (R HUB)		TYPE 27 (S HUB)	
				ORDER NO.	PRICE PER PACK	ORDER NO.	PRICE PER PACK
2"	36	24,000	10	5722-023	\$31.17	6550-932	\$51.27
2"	40	24,000	10	5722-024	31.17	6550-933	51.27
2"	60	24,000	10	5722-026	31.17	6550-934	51.27
2"	80	24,000	10	5722-028	31.17	6550-935	51.27
2"	120	24,000	10	5722-030	31.17	6550-936	51.27
3"	36	20,000	10	5722-033	46.89	6550-912	66.24
3"	40	20,000	10	5722-034	46.89	6550-913	66.24
3"	60	20,000	10	5722-036	38.84	6550-914	66.24
3"	80	20,000	10	5722-038	38.84	6550-915	66.24
3"	120	20,000	10	5722-040	38.84	6550-916	66.24



Quick Change Laminated Discs

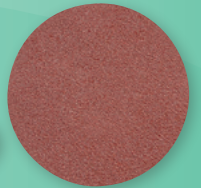
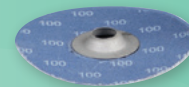
Use on Die Grinders for deburring, blending, finishing, removing tool marks, and die polishing on all types of materials. Suitable for a wide variety of light fabrication, repair and maintenance applications. Strong 2-Ply design for flat or contour work.

Aluminum Oxide - Color: Brown General purpose disc for grinding, deburring, and blending on ferrous metals.

Zirconia AO w/Grinding Aid - Color: Green Excellent disc for rapid stock removal on Stainless Steel. Lubricated super-size Grinding Aid coat for cooler running.

Premium Ceramic - Color: Pink Premium grain for greater durability and aggressive cut rates, including hard metals.

Turn On style,
(S-Hub) shown



4

											
				ALUMINUM OXIDE				ZIRCONIA AO W/GRINDING AID			
DIAM.	GRIT	RPM	PKG. QTY.	ROLL ON (R HUB)	TURN ON (S HUB)	PRICE PER PACK	ORDER NO.	ROLL ON (R HUB)	TURN ON (S HUB)	PRICE PER PACK	ORDER NO.
				ORDER NO.	ORDER NO.			ORDER NO.	ORDER NO.		
2"	36	25,000	50	5722-223	5722-623	\$35.67	5722-323	5722-723	\$51.36	5722-523	5722-923
	40	25,000	50	5722-224	5722-624	32.73	5722-324	5722-724	44.42	5722-524	5722-924
	50	25,000	50	5722-225	5722-625	33.00	5722-325	-	44.42	5722-525	5722-925
	60	25,000	50	5722-226	5722-626	33.00	5722-326	5722-726	44.42	5722-526	5722-926
	80	25,000	50	5722-228	5722-628	31.97	5722-328	5722-728	44.42	5722-528	5722-928
	100	25,000	50	5722-230	5722-630	31.97	-	-	-	5722-530	5722-930
3"	120	25,000	50	5722-232	5722-632	31.97	5722-332	5722-732	44.42	5722-532	5722-932
	36	20,000	25	5722-243	-	28.35	5722-343	-	37.23	5722-543	5722-943
	40	20,000	25	5722-244	5722-644	25.83	5722-344	-	33.45	5722-544	-
	50	20,000	25	5722-245	5722-645	25.97	5722-345	-	33.45	5722-545	5722-945
	60	20,000	25	5722-246	-	25.97	5722-346	-	31.39	5722-546	5722-946
	80	20,000	25	5722-248	-	24.79	5722-348	-	31.39	5722-548	5722-948
3"	100	20,000	25	5722-250	5722-650	24.79	-	-	-	5722-550	5722-950
	120	20,000	50	5722-252	-	49.58	5722-352	-	31.39	5722-552	5722-952



Quick Change Disc Rubber Holder Pads

- Medium grade reinforced rubber holder pad.
- Available for either internally threaded (S Hub) or externally threaded (R Hub) Quick Change discs.

2

		R-HUB		S-HUB	
SIZE	RPM	ORDER NO.	PRICE EACH	ORDER NO.	PRICE EACH
1-1/2"	25,000	5723-401	\$8.06	5723-411	\$8.91
2"	25,000	5723-402	9.92	5723-412	9.38
3"	20,000	5723-403	9.91	5723-413	10.91



Resin Fibre Discs

1

**Buy
Std. Ctn.
Deduct
10%**

GRAIN SELECTOR		
GRAIN	FEATURES	APPLICATIONS
Aluminum Oxide	- Fast, smooth cutting action - Tough and flexible - High resistance to heat, glazing, and loading	- All purpose weld removal and blending - Surface preparation and finishing of ferrous metals, plastic, and wood
Zirconium	- Superior cutting action - More durable – longer life - Ultra high resistance to heat, glazing, and loading	High performance grinding of stainless steel, tool steel, and hard-to-grind materials and exotic metals.



  										
		ALUMINUM OXIDE			ZIRCONIUM		ALUMINUM OXIDE		ALUMINUM OXIDE	
SIZE	GRIT	STD. CTN.	ORDER NO.	PRICE	ORDER NO.	PRICE	ORDER NO.	PRICE	ORDER NO.	PRICE
4 x 5/8	24	25	5710-152	\$0.60	—	—	—	—	—	—
4 x 5/8	80	25	5710-158	0.52	—	—	—	—	—	—
4-1/2 x 7/8	16	25	5710-201	0.85	—	—	—	—	—	—
4-1/2 x 7/8	24	25	5710-202	0.69	5710-432	\$1.03	6559-571	\$0.89	5616-132	\$2.22
4-1/2 x 7/8	36	25	5710-203	0.67	5710-433	0.95	6559-573	0.83	—	—
4-1/2 x 7/8	50	25	5710-205	0.65	5710-435	0.89	6559-575	0.81	—	—
4-1/2 x 7/8	60	25	5710-206	0.61	5710-436	0.85	6559-576	0.78	5616-136	1.95
4-1/2 x 7/8	80	25	5710-208	0.55	5710-438	0.81	6559-577	0.76	—	—
4-1/2 x 7/8	100	25	5710-210	0.55	—	—	—	—	—	—
4-1/2 x 7/8	120	25	5710-212	0.55	—	—	—	—	—	—
5 x 7/8	16	25	5710-251	0.91	—	—	—	—	—	—
5 x 7/8	24	25	5710-252	0.74	5710-462	1.10	6559-501	1.04	—	—
5 x 7/8	36	25	5710-253	0.69	5710-463	0.98	6559-503	1.00	—	—
5 x 7/8	50	25	5710-255	0.67	5710-465	0.91	6559-505*	0.81	—	—
5 x 7/8	60	25	5710-256	0.65	5710-466	0.89	6559-506	0.89	—	—
5 x 7/8	80	25	5710-258	0.63	5710-468	0.87	6559-507	0.88	—	—
5 x 7/8	100	25	5710-260	0.63	—	—	6559-508	0.80	—	—
5 x 7/8	120	25	5710-262	0.63	—	—	—	—	—	—
7 x 7/8	16	25	5710-301	1.50	—	—	6559-520	2.54	—	—
7 x 7/8	24	25	5710-302	1.31	—	—	6559-521	1.86	—	—
7 x 7/8	36	25	5710-303	1.23	—	—	6559-523	1.70	—	—
7 x 7/8	50	25	5710-305	1.21	5710-505	1.64	6559-525	1.54	5616-205	2.78
7 x 7/8	60	25	5710-306	1.21	5710-506	1.60	6559-526*	1.61	—	—
7 x 7/8	80	25	5710-308	1.16	5710-508	1.52	6559-527*	1.54	—	—
7 x 7/8	100	25	5710-310	1.16	—	—	6559-528*	1.52	—	—
7 x 7/8	120	25	5710-312	1.16	—	—	6559-529	1.39	—	—

† 3M™ brand replaces Standard Abrasives, which may be supplied until inventory is depleted.

* Minimum order quantity: (1000)

Spiralcool® Standard Air-Cooled Backing Pads

Ideal for all sanding operations on metal, plastic, fiberglass, etc. Smooth face pads available upon request.



Supplied with 5/8-11 Arbor Hole, except the 4-1/2" which will be supplied with a 5/8" smooth bore. Other arbor holes available upon request.

SIZE	DENSITY	MAX. RPM	ORDER NO.	PRICE EACH
4"	Flexible	12,000	5710-600	\$12.80
4"	Medium	12,000	5710-601	12.80
4"	Rigid	12,000	5710-602	12.80
4-1/2"	Flexible	11,000	5710-612	12.80
4-1/2"	Medium	11,000	5710-613	12.80
4-1/2"	Rigid	11,000	5710-614	12.80
5"	Flexible	10,000	5710-624	14.50
5"	Medium	10,000	5710-625	14.50
5"	Rigid	10,000	5710-626	14.50
7"	Flexible	7,000	5710-636	21.80
7"	Medium	8,500	5710-637	21.80
7"	Rigid	8,500	5710-638	21.80
9"	Flexible	6,500	5710-648	26.05
9"	Medium	6,500	5710-649	26.05
9"	Rigid	6,500	5710-650	26.05



Nuts and wrenches do not come with pads. Must be ordered separately.

DESCRIPTION	ORDER NO.	PRICE EACH
#102 Nut; 5/8-11	5710-665	\$4.90
#103 Nut; 5/8-11 For 4" – 5" Pads	5710-666	4.90
3/8-24 – 5/8-11 Adapter	5710-660	7.85
7/16-20 – 5/8-11 Adapter	5710-661	7.85
Spanner Wrench	5710-670	4.90

PSA Discs

PSA Aluminum Oxide Resin Bond Cloth Discs

Abrasive cloth discs have a pressure sensitive adhesive backing making them easy to apply to a rubber disc holder. Protective liner speeds disc changing and protects adhesive from work dust. Resin bond discs are made with a heavy resin abrasive cloth, assuring long life, with fast stock removal.



IMPORT				IMPORT				IMPORT			
GRIT	ORDER NO.	PKG QTY	PRICE PER PKG	GRIT	ORDER NO.	PKG QTY	PRICE PER PKG	GRIT	ORDER NO.	PKG QTY	PRICE PER PKG
1" DIAMETER				3" DIAMETER				8" DIAMETER			
36	5711-103	100	\$14.40	36	5711-253	100	\$49.10	36	5711-453	50	\$127.65
40	5711-104	100	13.00	40	5711-254	100	46.85	40	5711-454	50	123.65
50	5711-105	100	12.90	50	5711-255	100	43.70	50	5711-455	50	113.75
60	5711-106	100	12.90	60	5711-256	100	39.25	60	5711-456	50	106.20
80	5711-108	100	12.90	80	5711-258	100	39.10	80	5711-458	50	96.25
100	5711-110	100	12.90	100	5711-260	100	42.30	100	5711-460	50	93.55
120	5711-120	100	12.90	120	5711-262	100	37.15	120	5711-462	50	93.55
1-1/2" DIAMETER				5" DIAMETER				9" DIAMETER			
36	5711-153	100	\$18.50	36	5711-303	50	49.45	36	5711-503	50	\$176.85
40	5711-154	100	17.65	40	5711-304	50	46.60	40	5711-504	50	170.10
50	5711-155	100	16.80	50	5711-305	50	44.00	50	5711-505	50	153.65
60	5711-156	100	16.80	60	5711-306	50	39.15	60	5711-506	50	138.80
80	5711-158	100	16.80	80	5711-308	50	40.05	80	5711-508	50	132.15
100	5711-160	100	16.80	100	5711-310	50	40.15	100	5711-510	50	125.25
120	5711-162	100	16.80	120	5711-312	50	36.65	5620-508			50 \$198.50
2" DIAMETER				6" DIAMETER				12" DIAMETER			
36	5711-203	100	\$34.20	36	5711-353	50	\$75.35	40	5711-604	25	\$147.10
40	5711-204	100	32.50	40	5711-354	50	72.30	50	5711-605	25	138.75
50	5711-205	100	31.00	50	5711-355	50	73.90	60	5711-606	25	119.10
60	5711-206	100	29.50	60	5711-356	50	57.90	80	5711-608	25	116.50
80	5711-208	100	28.15	80	5711-358	50	56.60	100	5711-610	25	110.60
100	5711-210	100	26.70	100	5711-360	50	53.15	120	5711-612	25	110.60
120	5711-212	100	26.70	120	5711-362	50	53.15	5620-560			10 64.70
								5620-562			10 77.00

PSA Abrasive Disc – Disc Rolls With Liner

Silicon Carbide Grain glue bond, "A" weight paper. Treated for load resistance, recommended for all grinding of metal, wood and fiberglass. With release paper liner and self storing dispenser. Trouble free, the most efficient disc/roll package available. No grit or dust contamination, great shelf life. Stearate coated.



5"				6"	
GRIT	PKG QTY	ORDER NO.	PRICE PER PKG	ORDER NO.	PRICE PER PKG
100	100	—	—	5712-410†	\$26.75
120	100	5712-312†	\$21.95	5712-412†	26.75
150	100	5712-315†	21.95	5712-415†	26.75
180	100	5712-318†	21.95	5712-418†	26.75
220	100	5712-322†	21.95	5712-422†	26.75
320	100	5712-332†	21.95	5712-432†	26.75

† Limited Quantities

PSA Disc Holders – Optimum performance with PSA Discs



DIAM.	MAX. RPM	SHK	ORDER NO.	PRICE EACH
1	15,000	1/4	5642-192	\$10.90

Quick Change Discs

Available in a Choice of Quick Change Locking Systems.

12



A/O 2 Ply



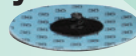
- Ideal for flat or contoured surfaces
- Best for MRO grinding, deburring, & finishing on ferrous metals.

A/O Extra 2-Ply



- Ideal for flat or contoured surfaces
- Good for difficult to grind metals, such as aircraft grade aluminum, High Nickel, Chrome Alloys, & heat-sensitive material.
- Includes grinding aid

Zirconia Pro 2-Ply



- Better choice for rapid stock removal on Stainless Steel, High Nickel Alloys, & Aluminum
- Features a grinding aid on a Y-weight backing
- Best performance under medium-to-heavy pressure

Ceramic 2-Ply



- Best choice for rapid stock removal on Stainless Steel and High Nickel Alloys.
- Features a grinding aid for cooler operation
- Heavy pressure required

DIA.	GRIT	A/O 2 PLY				A/O EXTRA 2 PLY				ZIRCONIA PRO 2 PLY				CERAMIC 2 PLY			
		TS-STYLE ORDER NO.	TR-STYLE ORDER NO.	PKG QTY	PRICE PER PK.	TS-STYLE ORDER NO.	TR-STYLE ORDER NO.	PKG. QTY.	PRICE PER PK.	TS-STYLE ORDER NO.	TR-STYLE ORDER NO.	PKG. QTY.	PRICE PER PK.	TS-STYLE ORDER NO.	TR-STYLE ORDER NO.	PKG. QTY.	PRICE PER PK.
1"	80	-	-	-	-	5601-608	-	50	\$25.52	-	-	-	-	-	-	-	-
	100	-	-	-	-	5601-610	-	50	25.52	-	-	-	-	-	-	-	-
	240	5600-124	-	50	\$23.36	-	-	-	-	-	-	-	-	-	-	-	-
1-1/2"	50	-	-	-	-	-	-	-	-	5604-655	-	50	\$35.05	5609-155	-	50	\$39.68
	80	-	-	-	-	5601-658	-	50	31.19	-	-	-	-	-	-	-	-
	100	-	-	-	-	5601-660	-	50	32.13	-	-	-	-	-	-	-	-
2"	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	36	-	-	-	-	-	-	-	-	-	-	-	-	5609-203	-	50	62.00
	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	60	-	5600-706	50	44.97	-	-	-	-	5604-706	-	50	51.60	5609-206	-	50	56.50
	100	5600-210	-	50	44.42	-	-	-	-	-	-	-	-	-	-	-	-
	40	-	-	-	-	-	-	-	-	5604-804	5605-304	50	68.50	-	-	-	-
	50	-	-	-	-	-	-	-	-	-	-	-	-	5609-305	-	50	75.00
3"	80	-	-	-	-	-	-	-	-	-	-	-	-	5609-308	-	50	70.00
	100	5600-310	-	50	55.50	5601-810	-	50	57.00	-	-	-	-	-	-	-	-
	120	-	-	-	-	5601-812	-	50	55.50	-	-	-	-	-	-	-	-

Holder Pads

For All Quick Change Style Discs

Available for all small diameter Quick Change style discs, in soft, medium, and firm grades.



TS (SocAtt®)



TR (Lockit®)

12

SIZE	DEN-SITY	MAX. RPM	TS - TA4		TR - TA4	
			ORDER NO.	ORDER NO.	PRICE EACH	PRICE EACH
3/4"	Med.	40,000	5641-014	-	\$ 21.29	
1"	Med.	40,000	5641-015	-	20.31	
1-1/2"	Soft	20,000	5641-016	5641-059	24.53	
1-1/2"	Med.	25,000	5641-017	5641-060	22.65	
1-1/2"	Firm	30,000	5641-018	5641-061	25.40	
2"	Soft	20,000	5641-019	5641-062	27.14	
2"	Med.	25,000	5641-020	5641-063	26.03	
2"	Firm	30,000	5641-021	5641-064	31.05	
3"	Soft	12,000	5641-022	5641-065	33.11	
3"	Med.	20,000	5641-023	5641-066	30.11	
3"	Firm	20,000	5641-024	5641-067	35.87	
5/8-11" ARBOR - LARGE DIAMETER, HARD FACE TS HOLDER PADS						
4-1/2"	Med.	18,000	5641-160	Low Profile	70.86	
4-1/2"	Med.	18,000	5641-150		70.86	

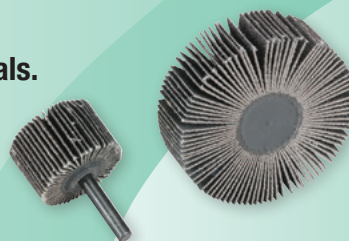
Flap Wheels

Perfect tool for deburring, blending, finishing and cleaning inside and outside diameters of ferrous and non-ferrous materials.

Mounted Flap Wheels (1"–3" Diameters)

Aluminum Oxide Resin Bond

* Permanently affixed 1/4" or 1/4-20 threaded steel shank allows choice of best system for your tooling, and fast wheel changes. Affixed mandrel for concentricity and reduced chatter; less operator fatigue.



**Buy
Std. Ctn.
Deduct
10%**

1/4" SHANK							1/4-20 SHANK					
IMPORT												
SIZE	GRIT	STD. CTN.	ORDER NO.	PRICE	ORDER NO.	PRICE	ORDER NO.	PRICE	ORDER NO.	PRICE	ORDER NO.	PRICE
1" x 1"	60	10	5714-156	\$2.16	6552-003	\$5.09	—	—	6552-601	\$5.15	5615-136	\$8.59
	80	10	5714-158	2.16	6552-004	5.09	5615-008	\$7.66	—	—	5615-138	8.59
	120	10	5714-162	2.16	6552-005	5.09	5615-012	7.88	—	—	5615-142	8.59
1-1/2" x 1"	60	10	5714-406	2.60	6552-009	6.61	—	—	—	—	—	—
	80	10	5714-408	2.60	6552-010	6.61	—	—	—	—	—	—
	120	10	5714-412	2.60	6552-011	6.61	—	—	—	—	—	—
2" x 1"	60	10	5714-556	3.10	6552-015	7.39	—	—	6552-611	7.14	—	—
	80	10	5714-558	3.10	6552-016	7.39	5615-058	11.46	6552-613	7.14	—	—
	120	10	5714-562	3.14	6552-017	7.39	5615-062	11.46	—	—	—	—
2-1/2" x 1"	60	10	5714-706	4.33	6552-486	7.72	5615-076	13.80	—	—	—	—
	80	10	5714-708	4.33	6552-487	7.72	—	—	—	—	—	—
	120	10	5714-712	4.39	—	—	—	—	—	—	—	—
3" x 1"	60	10	5714-906	4.81	6552-027	9.75	—	—	6552-621	10.34	—	—
	80	10	5714-908	4.81	6552-028	9.75	—	—	6552-623	10.34	5615-238	14.07
	120	10	5714-912	5.00	6552-029	9.75	5615-112	14.03	—	—	5615-242	15.31

Mounted Flap Wheel Drive Arbor



THREAD SIZE	ADAPTED SIZE	ORDER NO.	PRICE EACH
1/4-20	1/4"	5642-100	\$14.44

Large Flap Wheels (4"– 6" Diameters)

Aluminum Oxide Resin Bond

Best Flap Wheel for applications requiring high stock removal. Provides maximum stability and smaller contact areas on work surface. Highest initial cut rate.



SIZE	GRIT	STD. CTN.	IMPORT			
			ORDER NO.	PRICE	ORDER NO.	PRICE
4" x 1" x 5/8"	60	1	5716-156	\$ 13.95	—	—
	80	1	5716-158	14.20	6553-167†	\$19.84
	120	1	5716-162	15.00	6553-169†	21.16
6" x 1" x 1"	60	1	5716-356	22.20	—	—
	80	1	5716-358	22.85	—	—
	120	1	5716-362	23.75	6553-289†	36.95
6" x 2" x 1"	60	1	5716-456	33.35	—	—
	80	1	5716-458	34.15	—	—
	120	1	5716-462	36.85	—	—

† Limited Quantities

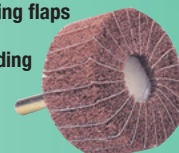
Unmounted Flap Wheel Reducer Bushings (Used in Pairs)

SIZE	ORDER NO.	PRICE/ PAIR
1 to 1/2	6503-833	\$4.53
1 to 5/8	6503-834	4.53
1 to 3/4	6503-835	4.90



Buff & Blend Combi Wheels

Wheels are constructed with alternating flaps of Buff & Blend and coated abrasive material. High rate of cut, while providing a uniform scratch pattern.



SIZE	GRIT	STD. CTN.	ESA STANDARD ABRASIVES	
			ORDER NO.	PRICE
2" x 1" x 1/4"	60	10	5650-788	\$23.71
	80	10	5650-789	23.71
	120	10	5650-790	23.71
	180	10	5650-791	23.71
3" x 1" x 1/4"	60	10	5650-792	28.75
	80	10	5650-793	28.75
	120	10	5650-794	28.75
	180	10	5650-795	28.75
3" x 2" x 1/4"	60	5	5650-796	42.75
	80	5	5650-797	42.75
	120	5	5650-798	42.75
	180	5	5650-799	42.75

Shop Rolls & Sanding Belts

Cloth Shop Rolls – Aluminum Oxide

* For Quick Stock Removal in Metal Finishing and Polishing Applications

* Ability to Tear Desired Amount Eliminates Waste

IMPORT				STANDARD ABRASIVES	
SIZE	GRIT	ORDER NO.	PRICE	ORDER NO.	PRICE
1"	50	—	—	5621-005	\$52.03
1"	60	5700-006	\$ 12.05	5621-006	48.78
1"	80	5700-008	11.50	5621-008	40.40
1"	100	5700-010	11.20	5621-010	39.84
1"	120	5700-012	11.20	5621-012	39.84
1"	150	5700-015	11.20	5621-015	39.84
1"	180	5700-018	11.20	5621-018	39.84
1"	220	5700-022	11.20	—	—
1"	240	5700-024	11.20	5621-024	39.84
1"	320	5700-032	11.20	5621-032	39.84
1-1/2"	50	—	—	5621-105	72.66
1-1/2"	60	5700-106	17.30	5621-106	68.65
1-1/2"	80	5700-108	16.45	5621-108	56.63
1-1/2"	100	5700-110	16.15	5621-110	54.54
1-1/2"	120	5700-112	16.15	5621-112	54.54
1-1/2"	150	5700-115	16.15	5621-115	54.54
1-1/2"	180	5700-118	16.15	5621-118	54.54
1-1/2"	220	5700-122	16.15	—	—
1-1/2"	240	5700-124	16.15	5621-124	54.54
1-1/2"	320	5700-132	16.15	5621-132	54.54
2"	50	—	—	5621-205	93.89
2"	60	5700-206	22.65	5621-206	86.82
2"	80	5700-208	21.60	5621-208	72.79
2"	100	5700-210	20.90	5621-210	69.25
2"	120	5700-212	20.90	5621-212	69.25
2"	150	5700-215	20.90	5621-215	69.25
2"	180	5700-218	20.90	5621-218	69.25
2"	220	5700-222	20.90	—	—
2"	240	5700-224	20.90	5621-224	69.25
2"	320	5700-232	20.90	5621-232	69.25



Cloth Sanding Belts – Aluminum Oxide

		1 x 42"		2 x 48"		3 x 21"		3 x 24"		4 x 24"	
GRIT	PKG QTY	ORDER NO.	PRICE PER PKG	ORDER NO.	PRICE PER PKG	ORDER NO.	PRICE PER PKG	ORDER NO.	PRICE PER PKG	ORDER NO.	PRICE PER PKG
40	10	5701-754	\$12.20	5702-754	\$21.45	5703-754	\$17.30	5703-854	\$18.90	5704-604	\$28.55
50	10	5701-755	11.75	5702-755	20.80	5703-755	16.90	5703-855	18.55	5704-605	27.45
60	10	5701-756	11.25	5702-756	20.05	5703-756	16.40	5703-856	18.30	5704-606	27.05
80	10	5701-758	10.40	5702-758	17.60	5703-758	15.40	5703-858	17.80	5704-608	25.50
100	10	5701-760	10.05	5702-760	17.10	5703-760	14.25	5703-860	16.95	5704-610	24.20
120	10	5701-762	10.05	5702-762	17.10	5703-762	14.25	5703-862	16.95	5704-612	24.20
150	10	—	—	—	—	—	—	—	—	5704-615†	21.95
180	10	—	—	—	—	—	—	—	—	5704-618†	21.95

† Limited Quantities

* X-Weight

* Resin Bonded

* Heavy Duty Construction

* Ideal for sanding wood or metal

Other sizes and grits available upon request.
Please inquire.

		4 x 36"		6 x 48"	
GRIT	PKG QTY	ORDER NO.	PRICE PER PKG	ORDER NO.	PRICE PER PKG
40	10	—	—	5705-654	\$61.85
50	10	5704-705	\$33.60	5705-655	59.85
60	10	5704-706	32.80	5705-656	58.55
80	10	5704-708	31.70	5705-658	55.85
100	10	5704-710	30.35	5705-660	54.10
120	10	5704-712	30.35	5705-662	54.10
150	5	5704-715†	13.80	5705-665†	24.60
180	5	5704-718†	13.80	—	—

† Limited Quantities



Abrasive Sheets

Quality Import

2



Aluminum Oxide

9" x 11" Cloth Sheets

- Resin Bonded
- Ideal for Sanding Wood or Metal
- Outlasts Paper by as much as 5 Times

GRIT	STD PKG	ORDER NO.	PRICE PER PKG
50	50	3273-050	\$37.00
60	50	3273-060	35.45
80	50	3273-080	34.75
100	50	3273-100	32.90
120	50	3273-120	32.90
150	50	3273-150	32.90
180	50	3273-180	32.90
220	50	3273-220	32.90
240	50	3273-240	32.90
320	50	3273-320	32.90
400	50	3273-400	32.90

Emery

9" x 11" Cloth Sheets

- Resin Bonded
- Ideal for Metal Finishing where Polishing is more important than Stock Removal

GRIT	STD PKG	ORDER NO.	PRICE PER PKG
Coarse	50	3273-500	\$35.45
Medium	50	3273-510	32.95
Fine	50	3273-520	32.95

Crocus Cloth

9" x 11" Sheets

- Resin Bonded
- Flexible cloth backing
- Used by machinists & mechanics for smoothing metal surfaces

GRIT	STD PKG	ORDER NO.	PRICE PER PKG
Fine	50	3273-700	\$47.15

Silicon Carbide

9" x 11" Waterproof Sheets

- Latex Impregnated Paper
- Offers Versatility of Wet or Dry Sanding

GRIT	STD PKG	ORDER NO.	PRICE PER PKG
100	50	3273-600	\$26.15
120	50	3273-605	26.15
150	50	3273-610	22.40
180	50	3273-615	18.85
220	50	3273-620	18.85
240	50	3273-625	18.85
280	50	3273-630	18.85
320	50	3273-635	18.85
400	50	3273-640	18.85
500	50	3273-645	18.85
600	50	3273-650	18.85
800	50	3273-655	18.85
1000	50	3273-660	18.85
1200	50	3273-665	18.85

Silicon Carbide

9" x 11" Sandscreen Sheets

- Unique Screen Mesh Prevents Loading
- Will Outlast Ordinary Sandpaper by as much as 10 Times
- Use Wet or Dry on Metal or Wood

GRIT	STD PKG	ORDER NO.	PRICE PER PKG
100	25	5718-010	\$40.80
120	25	5718-012	40.80
150	25	5718-015	40.80
220	25	5718-022	40.80

Cartridge Rolls

Straight Cartridge Rolls

Aluminum Oxide Resin Bond Cartridge Rolls feature a multi-layer, multi-wear design for long lasting durability. New abrasive cutting points are exposed throughout the life of the roll. Use for flash removal, polishing, removing machine tool marks, edge breaking, etc.



SIZE	GRIT	STD PKG	ORDER NO.	PRICE PER PKG	SIZE	GRIT	STD PKG	ORDER NO.	PRICE PER PKG	SIZE	GRIT	STD PKG	ORDER NO.	PRICE PER PKG
3/16 x 1 x 3/32	80	100	5618-001	\$47.32	3/8 x 1-1/2 x 1/8	40	100	5618-040	\$65.97	5/8 x 1-1/2 x 1/8	80	50	5618-080	\$60.60
3/16 x 1 x 3/32	100	100	5618-002	47.32	3/8 x 1-1/2 x 1/8	50	100	5618-041	65.97	5/8 x 1-1/2 x 3/16	60	50	5618-081	57.45
3/16 x 1 x 3/32	120	100	5618-003	50.14	3/8 x 1-1/2 x 1/8	60	100	5618-042	60.15	5/8 x 2 x 3/16	50	50	5618-084	66.60
3/16 x 1 x 3/32	180	100	5618-005	51.64	3/8 x 1-1/2 x 1/8	80	100	5618-043	65.97	5/8 x 2 x 3/16	60	50	5618-085	66.60
1/4 x 1 x 1/8	60	100	5618-008	47.32	3/8 x 1-1/2 x 1/8	100	100	5618-044	65.97	5/8 x 2 x 3/16	80	50	5618-086	70.97
1/4 x 1 x 1/8	80	100	5618-009	47.32	3/8 x 1-1/2 x 1/8	120	100	5618-045	65.97	3/4 x 1 x 1/8	80	50	5618-089	55.90
1/4 x 1 x 1/8	100	100	5618-010	50.14	3/8 x 1-1/2 x 1/8	180	100	5618-047	70.29	3/4 x 1 x 3/16	40	50	5618-090	53.72
1/4 x 1 x 1/8	120	100	5618-011	50.14	3/8 x 1-1/2 x 1/8	240	100	5618-048	70.29	3/4 x 1 x 3/16	80	50	5618-091	55.90
1/4 x 1 x 1/8	180	100	5618-012	51.64	3/8 x 2 x 1/8	60	100	5618-050	73.00	3/4 x 1-1/2 x 1/8	60	50	5618-092	65.51
1/4 x 1 x 1/8	240	100	5618-013	52.95	3/8 x 2 x 1/8	80	100	5618-051	78.79	3/4 x 1-1/2 x 1/8	80	50	5618-093	69.34
1/4 x 1 x 1/8	320	100	5618-014	52.95	3/8 x 2 x 1/8	100	100	5618-052	78.79	3/4 x 1-1/2 x 3/16	60	50	5618-095	65.51
1/4 x 1-1/2 x 1/8	60	100	5618-015	55.84	3/8 x 2 x 1/8	120	100	5618-053	80.29	3/4 x 1-1/2 x 3/16	80	50	5618-096	66.60
1/4 x 1-1/2 x 1/8	80	100	5618-016	57.32	1/2 x 1 x 1/8	60	100	5618-055	57.32	3/4 x 1-1/2 x 3/16	120	50	5618-097	65.51
1/4 x 1-1/2 x 1/8	100	100	5618-017	58.77	1/2 x 1 x 1/8	80	100	5618-056	58.77	3/4 x 1-1/2 x 1/4	60	50	5618-098	65.51
1/4 x 1-1/2 x 1/8	120	100	5618-018	57.32	1/2 x 1 x 1/8	100	100	5618-057	60.15	3/4 x 1-1/2 x 1/4	80	50	5618-099	69.34
1/4 x 1-1/2 x 1/8	150	100	5618-019	60.15	1/2 x 1 x 1/8	120	100	5618-058	60.15	3/4 x 1-1/2 x 1/4	120	50	5618-100	70.42
1/4 x 1-1/2 x 1/8	180	100	5618-020	60.15	1/2 x 1-1/2 x 1/8	36	100	5618-060	85.95	3/4 x 2 x 3/16	40	50	5618-102	87.90
1/4 x 1-1/2 x 1/8	320	100	5618-021	60.15	1/2 x 1-1/2 x 1/8	40	100	5618-061	84.50	3/4 x 2 x 3/16	60	25	5618-103	43.95
1/4 x 1-1/2 x 1/8	400	100	5618-022	55.35	1/2 x 1-1/2 x 1/8	50	100	5618-062	84.50	3/4 x 2 x 3/16	80	25	5618-104	45.59
1/4 x 2 x 1/8	80	100	5618-023	71.62	1/2 x 1-1/2 x 1/8	60	100	5618-063	80.29	3/4 x 2 x 3/16	100	50	5618-105	93.35
1/4 x 2 x 1/8	100	100	5618-024	71.62	1/2 x 1-1/2 x 1/8	80	100	5618-064	83.12	3/4 x 2 x 3/16	120	25	5618-106	45.59
1/4 x 2 x 1/8	120	100	5618-025	73.00	1/2 x 1-1/2 x 1/8	100	100	5618-065	84.50	3/4 x 2 x 1/4	60	25	5618-107	43.95
5/16 x 1-1/2 x 1/8	80	100	5618-030	65.97	1/2 x 1-1/2 x 1/8	120	100	5618-066	80.29	3/4 x 2 x 1/4	80	25	5618-108	46.95
5/16 x 1-1/2 x 1/8	100	100	5618-031	68.92	1/2 x 1-1/2 x 1/8	180	100	5618-067	84.50	3/4 x 2 x 1/4	120	25	5618-110	46.95
5/16 x 1-1/2 x 1/8	120	100	5618-032	70.29	1/2 x 1-1/2 x 1/8	240	100	5618-069	90.30	1 x 1-1/2 x 1/4	60	50	5618-111	117.37
3/8 x 1 x 1/8	60	100	5618-034	52.95	1/2 x 2 x 1/8	60	50	5618-071	48.67	1 x 1-1/2 x 1/4	80	25	5618-112	61.15
3/8 x 1 x 1/8	80	100	5618-035	52.95	1/2 x 2 x 1/8	80	50	5618-072	50.15	1 x 2 x 1/4	60	25	5618-113	72.88
3/8 x 1 x 1/8	100	100	5618-036	52.95	1/2 x 2 x 1/8	120	50	5618-074	50.15	1 x 2 x 1/4	80	25	5618-114	75.06
3/8 x 1 x 1/8	120	100	5618-037	52.95	1/2 x 2 x 3/16	60	50	5618-075	48.67					
3/8 x 1 x 1/8	180	100	5618-038	55.84	1/2 x 2 x 3/16	100	50	5618-077	50.15					
3/8 x 1 x 1/8	240	100	5618-039	55.84										

Cartridge Rolls

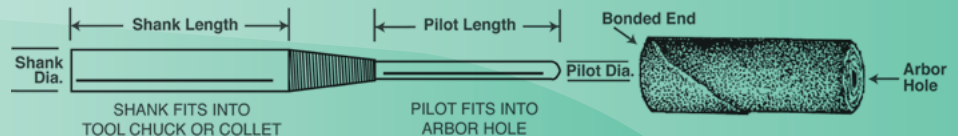
Full Taper Cartridge Rolls



SIZE	GRIT	STD PKG	ORDER NO.	PRICE PER PKG	SIZE	GRIT	STD PKG	ORDER NO.	PRICE PER PKG	SIZE	GRIT	STD PKG	ORDER NO.	PRICE PER PKG
3/8 x 1 x 1/8	60	100	5618-300	\$95.95	1/2 x 1-1/2 x 1/8	36	100	5618-312	\$117.90	1/2 x 2 x 1/8	60	50	5618-319	\$61.14
3/8 x 1 x 1/8	80	100	5618-301	100.29	1/2 x 1-1/2 x 1/8	60	100	5618-314	111.79	1/2 x 2 x 1/8	80	50	5618-320	61.69
3/8 x 1 x 1/8	120	100	5618-302	100.29	1/2 x 1-1/2 x 1/8	80	100	5618-315	113.15	1/2 x 2 x 1/8	180	50	5618-321	63.87
3/8 x 1 x 1/8	180	100	5618-303	100.29	1/2 x 1-1/2 x 1/8	100	100	5618-316	114.90	3/4 x 1-1/2 x 1/8	80	50	5618-324	78.61
3/8 x 1-1/2 x 1/8	60	100	5618-305	110.30	1/2 x 1-1/2 x 1/8	120	100	5618-317	113.15	3/4 x 1-1/2 x 3/16	80	50	5618-327	78.61
3/8 x 1-1/2 x 1/8	80	100	5618-306	107.44	1/2 x 1-1/2 x 1/8	180	100	5618-318	117.90					
3/8 x 1-1/2 x 1/8	120	100	5618-307	107.44										

Mandrels For Cartridge Rolls

- Cartridge Rolls of 3/4" length - 1/2" Pilot Length
- Cartridge Rolls of 1" length - 3/4" Pilot Length
- Cartridge Rolls of 1-1/2" length - 1" Pilot Length
- Cartridge Rolls of 2" length - 1-1/2" Pilot Length
- Cartridge Rolls of 2-1/2" length - 2" Pilot Length



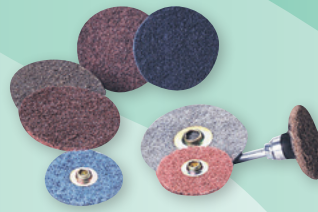
DESCRIPTION	PILOT DIA.	PILOT LGTH	SHANK DIA.	SHANK LGTH	O/A LGTH	ORDER NO.	PRICE EACH	DESCRIPTION	PILOT DIA.	PILOT LGTH	SHANK DIA.	SHANK LGTH	O/A LGTH	ORDER NO.	PRICE EACH
CM-2B	3/32	3/4	1/8	1	2-3/4	5642-150	\$6.27	CM-10	1/8	1-1/2	1/4	1-1/4	3-1/4	5642-161	\$6.06
CM-2E	3/32	3/4	1/4	1	2-3/4	5642-152	7.09	CM-11	1/8	2	1/4	1-1/4	4	5642-162	7.76
CM-2F	3/32	1	1/4	1-1/4	3	5642-153	7.09	CM-15	3/16	3/4	1/4	1-1/4	2-1/2	5642-163	7.09
CM-3	1/8	1/2	1/8	1	2-1/2	5642-154	6.27	CM-16	3/16	1	1/4	1-1/4	2-1/2	5642-164	7.09
CM-4	1/8	3/4	1/8	1	2-3/4	5642-155	6.27	CM-17	3/16	1-1/2	1/4	1-1/4	3-3/8	5642-165	8.07
CM-5	1/8	1	1/8	1	2-1/2	5642-156	6.27	CM-18	3/16	2	1/4	1-1/4	4	5642-166	8.07
CM-6	1/8	1-1/2	1/8	1	3-1/2	5642-157	7.09	CM-21	1/4	1	1/4	1-1/4	3	5642-168	7.09
CM-7	1/8	1/2	1/4	1-1/4	2-1/4	5642-158	7.09	CM-22	1/4	1-1/2	1/4	1-1/4	3-1/2	5642-169	8.07
CM-8	1/8	3/4	1/4	1-1/4	2-1/2	5642-159	7.09	CM-23	1/4	2	1/4	1-1/4	4	5642-170	8.07
CM-9	1/8	1	1/4	1-1/4	2-3/4	5642-160	6.06								

Non-Woven Abrasives



Surface Conditioning Discs Quick Change Discs, Aluminum Oxide (A/O), FE

Type "FE" material is very flexible, with high edge durability. FE provides a high initial and extended rate of cut. Performs well on flat and contoured surfaces. Ideal on a variety of deburring, blending and cleaning applica-



TS-STYL F			TR-STYL F			HOOK & LOOP		
SIZE	GRIT	MAX. RPM	ORDER NO.	ORDER NO.	MAX. RPM	ORDER NO.	PKG QTY	PRICE PER PKG
1-1/2"	Coarse	12,000 - 20,000	5650-106	5650-130	-	-	50	\$65.51
1-1/2"	Medium	12,000 - 20,000	5650-107	5650-131	-	-	50	65.51
2"	Coarse	12,000 - 20,000	5650-109	5650-133	-	-	50	98.81
2"	Medium	12,000 - 20,000	5650-110	5650-134	-	-	50	98.81
2"	Very Fine	12,000 - 20,000	5650-111	5650-135	-	-	50	98.81
3"	Coarse	10,000 - 18,000	5650-112	5650-136	-	-	25	94.17
3"	Medium	10,000 - 18,000	5650-113	5650-137	-	-	25	94.17
3"	Very Fine	10,000 - 18,000	5650-114	5650-138	-	-	25	94.17
4-1/2"	Coarse	-	-	-	6,000 - 8,000	5650-256	10	63.11
4-1/2"	Very Fine	-	-	-	6,000 - 8,000	5650-258	10	55.03
5"	Coarse	-	-	-	5,000 - 7,000	5650-259	10	75.34
5"	Medium	-	-	-	5,000 - 7,000	5650-260	10	65.51
5"	Very Fine	-	-	-	5,000 - 7,000	5650-261	10	65.51
7"	Coarse	-	-	-	3,000 - 6,000	5650-262	10	128.84

Type "GP" Surface Conditioning Discs are also available upon request. Call for delivery. Not as flexible as Type "FE", works especially well on flat surfaces.

Holder Pads For Hook & Loop Style Discs

SIZE	MAX. RPM	ORDER NO.	PRICE EACH
4-1/2" with 5/8-11	10,000	5642-502	\$48.51
5" with 5/8-11	10,000	5642-503	48.51
7" with 5/8-11	6,000	5642-504	56.95

High Strength Buff & Blend Discs With Center Hole, Aluminum Oxide (A/O)

The best product for finishing and light deburring applications. A very conformable and durable tool for finishing and polishing applications on metals, plastics and glass.



Holder Pads For All Quick Change Style Discs

Available for all small diameter Quick Change style discs, in soft, medium and firm grades.

			TS-STYLE w/TA4	TR-STYLE w/TA4	
SIZE	DENSITY	MAX. RPM	ORDER NO.	ORDER NO.	PRICE EACH
3/4"	Medium	40,000	5641-014	-	\$ 21.29
1"	Medium	40,000	5641-015	-	20.31
1-1/2"	Soft	20,000	5641-016	5641-059	24.53
1-1/2"	Medium	25,000	5641-017	5641-060	22.65
1-1/2"	Firm	30,000	5641-018	5641-061	25.40
2"	Soft	20,000	5641-019	5641-062	27.14
2"	Medium	25,000	5641-020	5641-063	26.03
2"	Firm	30,000	5641-021	5641-064	31.05
3"	Soft	12,000	5641-022	5641-065	33.11
3"	Medium	20,000	5641-023	5641-066	30.11
3"	Firm	20,000	5641-024	5641-067	35.87



TS (SocAtt®)



TR (Lockit®)

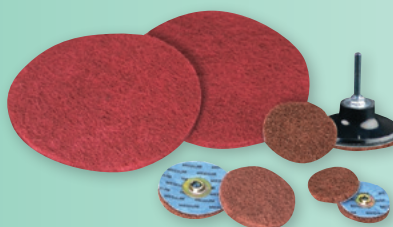
SIZE	HOLE	GRADE	MAX. RPM	PKG QTY	ORDER NO.	PRICE PER PKG
6"	1/2"	Very Fine	3,600	10	5650-671	\$49.57
8"	1/2"	Very Fine	2,700	10	5650-673	81.46
10"	1/2"	Very Fine	2,000	10	5650-674	112.57

Buff & Blend Discs

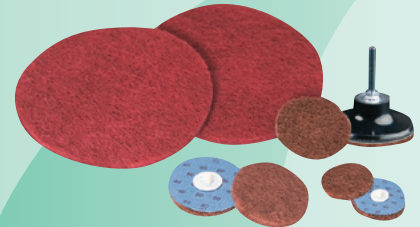
Buff & Blend Quick Change "GP" Discs, Aluminum Oxide (A/O)

Flexible, conformable discs constructed of GP material, which provides a high rate of cut while producing consistent finishes. Applications include blending, cleaning, deburring and finishing.

		TS-STYLE		TR-STYLE		PRICE PER PKG
SIZE	GRIT	MAX. RPM	PKG QTY	ORDER NO.	ORDER NO.	
1-1/2"	Medium	12,000	50	5650-506	-	\$83.52
1-1/2"	Fine	12,000	50	5650-507	-	81.34
2"	Medium	12,000	50	5650-509	5650-539	90.07
2"	Fine	12,000	50	5650-510	5650-540	85.70
2"	Very Fine	12,000	50	5650-511	5650-541	85.70
3"	Medium	8,000	25	5650-512	5650-542	73.16
3"	Fine	8,000	25	5650-513	5650-543	66.33
3"	Very Fine	8,000	25	5650-514	-	-



TS (SocAtt®)



TR (Lockit®)

Non-Woven Abrasives

SA STANDARD ABRASIVES™ Type 27 Unitized Discs

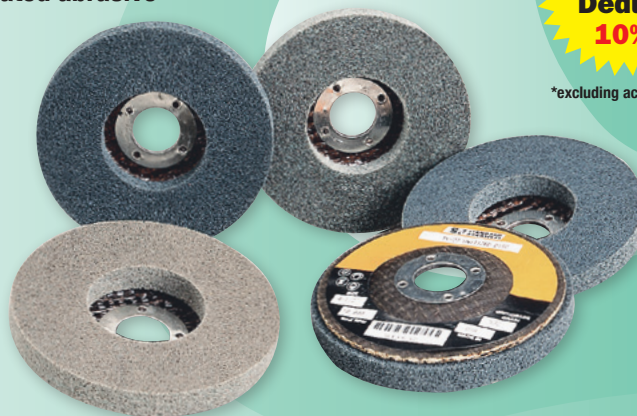
Manufactured from the highest quality Unitized material.
Unique design offers material removal while imparting a final finish.
Used in conjunction with, and sometimes in lieu of, a coated abrasive Resin Fibre Disc or Flap Disc.

- Deburring
- Edge Breaking
- Blending
- Cleaning
- Final Polishing

500	Soft Density - Finishing & Polishing
600	Medium Density - Blending & Polishing
700	Medium Density - Deburring & Cleaning
800	Hard Density - Deburring

1

SIZE	SERIES	STD. CTN.	ORDER NO.	PRICE EACH
4-1/2 x 7/8	532	5	5651-130	\$29.83
4-1/2 x 7/8	632	5	5651-131	32.60
4-1/2 x 7/8	732	5	5651-132	34.05
4-1/2 x 7/8	821	5	5651-135	38.89
4-1/2 x 7/8	811	5	5651-133	38.89



**Buy
Std. Ctn.
Deduct
10%***

*excluding accessories



Quick Change Surface Conditioning Discs

Use on Die Grinders for deburring, blending, finishing, cleaning and polishing. Suitable for a wide variety of light fabrication, repair and for stainless steel, and ferrous & non-ferrous metals.

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		ALUMINUM OXIDE				
DIAM.	GRIT	RPM	PKG. QTY.	ROLL ON	TURN ON	PRICE PER PACK
				(R HUB) ORDER NO.	(S HUB) ORDER NO.	
2"	Coarse	25,000	50	5723-300	5723-320	\$63.71
	Medium	25,000	50	5723-301	5723-321	63.71
	A Very Fine	25,000	50	5723-302	5723-322	63.71
3"	Coarse	20,000	25	5723-305	5723-325	60.61
	Medium	20,000	25	5723-306	5723-326	60.61
	A Very Fine	20,000	25	5723-307	-	60.61



Roll On style, (R-Hub) shown

Non-Woven Abrasives

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SA STANDARD ABRASIVES™

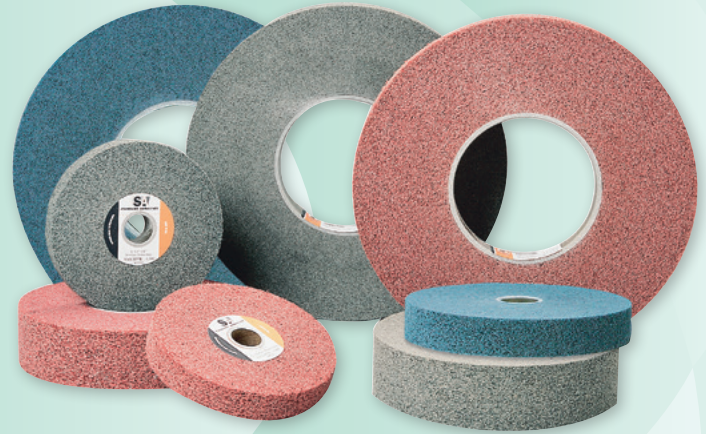
Convolute Wheels

Convolute Wheels are constructed by wrapping non-woven nylon, impregnated throughout with abrasive grain, around a hard core.

GP Plus Wheels

Removes medium to heavy burrs and edge breaking.

SIZE	GRAIN	SPEC.	GRADE	MAX. RPM	ORDER MULTIPLE	ORDER NO.	PRICE EACH
6 x 1/2 x 1	S/C	8SF	Fine	6,000	4	5651-880	\$ 88.57
6 x 1/2 x 1	S/C	8SM	Medium	6,000	4	5651-882	89.61
6 x 1/2 x 1	S/C	9SF	Fine	6,000	4	5651-881	88.57
6 x 1 x 1	S/C	8SF	Fine	6,000	3	5651-884	124.00
6 x 1 x 1	S/C	8SM	Medium	6,000	3	5651-887	125.45
6 x 1 x 1	S/C	9SF	Fine	6,000	3	5651-885	124.00
6 x 2 x 1	S/C	9SF	Fine	6,000	2	5651-888	220.83
8 x 1/2 x 3	S/C	8SF	Fine	4,500	4	5651-892	105.38
8 x 1/2 x 3	S/C	9SF	Fine	4,500	4	5651-893	105.38
8 x 1 x 3	S/C	8SF	Fine	4,500	3	5651-896	155.09
8 x 1 x 3	S/C	8SM	Medium	4,500	3	5651-894	156.84
8 x 1 x 3	S/C	9SF	Fine	4,500	3	5651-897	155.09
8 x 2 x 3	S/C	8SF	Fine	4,500	2	5651-900	270.41
8 x 2 x 3	S/C	8SM	Medium	4,500	2	5651-901	273.56
12 x 1/2 x 5	S/C	8SF	Fine	3,000	5	5651-904	148.69
12 x 1 x 5	S/C	8SF	Fine	3,000	2	5651-908	243.36
12 x 1 x 5	S/C	9SF	Fine	3,000	2	5651-909	243.36
12 x 2 x 5	S/C	8SF	Fine	3,000	-	5651-912	432.50
12 x 2 x 5	S/C	9SF	Fine	3,000	-	5651-913	432.50



Deburring Wheels

Excellent starting point for medium to heavy deburring and polishing.

SIZE	DENSITY	GRAIN	GRADE	MAX. RPM	ORDER MULTIPLE	ORDER NO.	PRICE EACH
6 x 1/2 x 1	Medium	S/C	Fine	6,000	4	5651-002	\$89.61
6 x 1/2 x 1	Hard	S/C	Fine	6,000	4	5651-003	89.61
6 x 1 x 1	Medium	S/C	Fine	6,000	3	5651-006	125.45
6 x 1 x 1	Hard	S/C	Fine	6,000	3	5651-007	125.45
6 x 2 x 1	Hard	S/C	Fine	6,000	2	5651-008	204.85
8 x 1/2 x 3	Hard	S/C	Fine	4,500	4	5651-010	106.60
8 x 1 x 3	Medium	S/C	Fine	4,500	3	5651-013	156.84
8 x 1 x 3	Hard	S/C	Fine	4,500	3	5651-014	156.84

LDW (Light Deburring Wheels)

Removes light burrs; use prior to polishing.

SIZE	GRAIN	SPEC.	GRADE	MAX. RPM	ORDER MULTIPLE	ORDER NO.	PRICE EACH
6 x 1/2 x 1	S/C	6SF	Fine	6,000	4	5651-920	\$ 89.84
6 x 1/2 x 1	S/C	7SF	Fine	6,000	4	5651-921	95.81
6 x 1/2 x 1	S/C	8SF	Fine	6,000	4	5651-922	95.81
6 x 1 x 1	S/C	6SF	Fine	6,000	3	5651-926	125.75
#6 x 1 x 1	S/C	7SF	Fine	6,000	3	5651-927	134.15
6 x 1 x 1	S/C	8SF	Fine	6,000	3	5651-928	134.15
8 x 1/2 x 3	S/C	8SF	Fine	4,500	4	5651-934	113.99
8 x 1 x 3	S/C	7SF	Fine	4,500	3	5651-939	167.79
8 x 1 x 3	S/C	8SF	Fine	4,500	3	5651-940	167.79
12 x 1/2 x 5	S/C	7SF	Fine	3,000	5	5651-945	147.39
12 x 1/2 x 5	S/C	8SF	Fine	3,000	5	5651-946	147.39
12 x 1 x 5	S/C	7SF	Fine	3,000	2	5651-951	241.16
12 x 1 x 5	S/C	8SF	Fine	3,000	2	5651-952	241.16
12 x 2 x 5	S/C	8SF	Fine	3,000	-	5651-958	428.76

Non-Woven Abrasives



Standard Abrasives - Unitized Mounted Points

Unitized Mounted Points are made from high durability material and are available in standard ANSI shapes for varying workpiece dimensions and applications.

Series:

- 600 - High Durability, Medium density (Blending/Polishing)
- 700 - High Durability, Medium density (Deburring/Cleaning)
- 800 - High Durability, Hard density (Deburring/Cleaning)



Size Chart:

A SHAPES							
SHAPE	MAX. RPM	SERIES	GRAIN	GRADE	ORDER MULTIPLE	ORDER NO.	PRICE EACH
A21	34,500	731	A/O	Fine	5	5651-502	\$25.11
A21	34,500	732	S/C	Fine	5	5651-503	25.11

SHAPE	SIZE
A21	1" x 1" x 1/4"
B52	3/8" x 3/4" x 1/8"
B90	1/2" x 1/2" x 1/8"
B121	1/2" x 1/2" x 1/8"

SHAPE	SIZE
W160	1/4" x 1/4" x 1/8"
W163	1/4" x 1/2" x 1/8"
W183	1/2" x 1/4" x 1/8"
W185	1/2" x 1/2" x 1/8"
W220	1" x 1" x 1/4"

B SHAPES							
SHAPE	MAX. RPM	SERIES	GRAIN	GRADE	ORDER MULTIPLE	ORDER NO.	PRICE EACH
B52	45,300	731	A/O	Fine	5	5651-508	\$10.19
B52	45,300	732	S/C	Fine	5	5651-509	10.19
B52	45,300	811	A/O	Coarse	5	5651-510	10.67
B90	34,500	731	A/O	Fine	5	5651-512	8.11
B90	34,500	732	S/C	Fine	5	5651-513	8.11
B121	45,300	731	A/O	Fine	5	5651-516	8.83
B121	45,300	811	A/O	Coarse	5	5651-517	9.66
B121	45,300	821	A/O	Medium	5	5651-518	9.66

W SHAPES							
SHAPE	MAX. RPM	SERIES	GRAIN	GRADE	ORDER MULTIPLE	ORDER NO.	PRICE EACH
W160	81,300	821	A/O	Medium	5	5651-520	\$5.45
W163	60,000	821	A/O	Medium	5	5651-522	6.42
W183	51,700	632	S/C	Fine	5	5651-523	6.16
W183	51,700	811	A/O	Coarse	5	5651-526	7.05
W183	51,700	821	A/O	Medium	5	5651-527	7.05
W185	34,500	631	A/O	Fine	5	5651-528	7.66
W185	34,500	632	S/C	Fine	5	5651-529	7.66
W185	34,500	731	A/O	Fine	5	5651-530	8.08
W185	34,500	732	S/C	Fine	5	5651-531	8.08
W185	34,500	811	A/O	Coarse	5	5651-532	8.91
W185	34,500	821	A/O	Medium	5	5651-533	8.91
W220	25,000	811	A/O	Coarse	5	5651-534	24.44

6" x 9" Hand Pads

Hand Pads are flexible, washable, and conform to workpiece. Ideal for hand applications on metals, composite or plastic surfaces. Use for cleaning, finishing or polishing. Color coded.



Hand Pad Holder ¹²

For use with 3" x 6" pads

Order No. 5642-520

Price each..... \$33.83



IMPORT										
COLOR CODE	APPLICATION	ORDER NO.	PKG QTY	PRICE PER PKG	ORDER NO.	PKG QTY	PRICE PER PKG	ORDER NO.	PKG QTY	PRICE PER PKG
White	Non-Abrasive Pad For Polishing and Light Cleaning	5718-100	10	\$8.10	-	-	-	5651-700	60	\$105.91
Grey	Ultra-Fine S/C Abrasive Pad For Free Hand Cleaning & Finishing Usable with mild detergents	5718-105	10	8.10	6551-434	60	\$113.02	5651-705	60	104.09
Maroon	General Purpose A/O Abrasive Pad For Basic Cleaning and Finishing Usable with most solvents	5718-110	10	8.95	6551-444	60	115.09	5651-710	60	104.09
					Economy Grade					
					6551-460	60	84.46			
Tan	Heavy Duty A/O Abrasive Pad For Heavy Duty Cleaning or Fast Action Finishing Usable with most solvents	5718-120	10	16.15	6551-454	40	178.30	5651-720	40	174.60

Scouring Hand Pads

Green	Industrial	5718-115	10	8.10	-	-	-	5651-715	60	108.01
Green	Commercial (Food Processing)	-	-	-	6551-457	60	87.77	-	-	-