

CARTRIDGE ROLLS
Resin Bond AO



\$ per 100				Grit										
Shape	Diam	Lgth	Hole	36	40	50	60	80	100	120	150	180	240	320
Straight	3/16	3/4	3/32					18.58	18.58	18.58	19.41	19.41	19.41	19.41
Straight	3/16	1	3/32					18.96	18.96	18.96	19.95	19.95	19.95	19.95
Straight	1/4	3/4	1/8				18.58	18.58	18.58	18.58	19.41	19.41	19.41	19.41
Straight	1/4	1	1/8				18.96	18.96	18.96	18.96	19.95	19.95	19.95	19.95
Straight	1/4	1-1/2	1/8				22.88	22.88	22.88	22.88	24.00	24.00	24.00	24.00
Straight	1/4	2	1/8				28.72	28.72	28.72	28.72	30.17	30.17	30.17	30.17
Straight	5/16	3/4	1/8				18.80	18.80	18.80	18.80	19.78	19.78	19.78	19.78
Straight	5/16	1	1/8				20.54	20.54	20.54	20.54	21.57	21.57	21.57	21.57
Straight	5/16	1-1/2	1/8				26.08	26.08	26.08	26.08	27.17	27.17	27.17	27.17
Straight	5/16	2	1/8	0.00	0.00	0.00	29.65	29.65	29.65	29.65	31.15	31.15	31.15	31.15
Straight	3/8	3/4	1/8	18.80	18.80	18.80	18.80	18.80	18.80	18.80	19.78	19.78	19.78	19.78
Straight	3/8	1	1/8	20.59	20.59	20.59	20.59	20.59	20.59	20.59	21.66	21.66	21.66	21.66
Straight	3/8	1-1/2	1/8	25.97	25.97	25.97	25.97	25.97	25.97	25.97	27.17	27.17	27.17	27.17
Straight	3/8	2	1/8	29.89	29.89	29.89	29.89	29.89	29.89	29.89	31.39	31.39	31.39	31.39
Straight	1/2	3/4	1/8	20.56	20.56	20.56	20.56	20.56	20.56	20.56	21.59	21.59	21.59	21.59
Straight	1/2	1	1/8	23.72	23.72	23.72	23.72	23.72	23.72	23.72	24.91	24.91	24.91	24.91
Straight	1/2	1-1/2	1/8	32.59	32.59	32.59	32.59	32.59	32.59	32.59	34.16	34.16	34.16	34.16
Straight	1/2	2	1/8	41.97	41.97	41.97	41.97	41.97	41.97	41.97	44.01	44.01	44.01	44.01
Straight	1/2	2-1/2	1/8	77.59	77.59	77.59	77.59	77.59	77.59	77.59	81.44	81.44	81.44	81.44
Straight	1/2	3	1/8	78.93	78.93	78.93	78.93	78.93	78.93	78.93	83.06	83.06	83.06	83.06
Straight	5/8	1	3/16	36.72	36.72	36.72	36.72	36.72	36.72	38.69	38.69	38.69	38.69	38.69
Straight	5/8	1-1/2	3/16	46.65	46.65	46.65	46.65	46.65	46.65	48.93	48.93	48.93	48.93	48.93
Straight	5/8	2	3/16	56.07	56.07	56.07	56.07	56.07	56.07	58.90	58.90	58.90	58.90	58.90
Straight	5/8	2-1/2	3/16	81.96	81.96	81.96	81.96	81.96	81.96	86.19	86.19	86.19	86.19	86.19
Straight	5/8	3	3/16	92.20	92.20	92.20	92.20	92.20	92.20	96.78	96.78	96.78	96.78	96.78
Straight	3/4	1	1/4	42.49	42.49	42.49	42.49	42.49	42.49	42.49	44.52	44.52	44.52	44.52
Straight	3/4	1-1/2	1/4	53.22	53.22	53.22	53.22	53.22	53.22	53.22	55.90	55.90	55.90	55.90
Straight	3/4	2	1/4	70.66	70.66	70.66	70.66	70.66	70.66	70.66	74.21	74.21	74.21	74.21
Straight	3/4	2-1/2	1/4	94.34	94.34	94.34	94.34	94.34	94.34	94.34	99.03	99.03	99.03	99.03
Straight	3/4	3	1/4	105.51	105.51	105.51	105.51	105.51	105.51	105.51	110.75	110.75	110.75	110.75
Straight	1	1	1/4	78.71	78.71	78.71	78.71	78.71	78.71	78.71	84.14	84.14	84.14	84.14
Straight	1	1-1/2	1/4	94.93	94.93	94.93	94.93	94.93	94.93	94.93	109.21	109.21	109.21	109.21
Straight	1	2	1/4	116.72	116.72	116.72	116.72	122.66	122.66	122.66	121.76	121.76	121.76	121.76
Straight	1-1/4	1-1/2	1/4	188.16	188.16	188.16	188.16	215.99	215.99	215.99	234.17	234.17	234.17	234.17
Straight	1-1/4	2	1/4	237.05	237.05	237.05	237.05	243.76	243.76	243.76	248.49	248.49	248.49	248.49
Straight	1-1/2	1-1/2	1/4	188.16	188.16	188.16	188.16	215.99	215.99	215.99	234.17	234.17	234.17	234.17
Straight	1-1/2	2	1/4	237.05	237.05	237.05	237.05	243.76	243.76	243.76	248.49	248.49	248.49	248.49
Full Taper	3/8	1	1/8			41.60	41.60	41.60	41.60	41.60	43.64	43.64	43.64	43.64
Full Taper	3/8	1-1/2	1/8			44.12	44.12	44.12	44.12	44.12	48.14	48.14	48.14	48.14
Full Taper	3/8	2	1/8			53.18	53.18	53.18	48.32	48.32	48.32	48.32	48.32	48.32
Full Taper	1/2	1	1/8	43.87	43.87	43.87	43.87	43.87	43.87	46.08	46.08	46.08	46.08	46.08
Full Taper	1/2	1-1/2	1/8	50.12	50.12	50.12	50.12	50.12	50.12	50.12	52.61	52.61	52.61	52.61
Full Taper	1/2	2	1/8	55.73	55.73	55.73	55.73	55.73	55.73	55.73	57.65	57.65	57.65	57.65
Full Taper	5/8	1	3/16	54.11	54.11	54.11	54.11	54.11	54.11	54.11	56.88	56.88	56.88	56.88
Full Taper	5/8	1-1/2	3/16 or 1/4	64.03	64.03	64.03	64.03	64.03	64.03	64.03	67.28	67.28	67.28	67.28
Full Taper	5/8	2	3/16 or 1/4	77.81	77.81	77.81	77.81	77.81	77.81	77.81	81.80	81.80	81.80	81.80
Full Taper	3/4	1	3/16 or 1/4	59.98	59.98	59.98	59.98	59.98	59.98	59.98	63.00	63.00	63.00	63.00
Full Taper	3/4	1-1/2	3/16 or 1/4	70.89	70.89	70.89	70.89	70.89	70.89	70.89	74.44	74.44	74.44	74.44
Full Taper	3/4	2	3/16 or 1/4	81.58	81.58	81.58	81.58	81.58	81.58	81.58	85.64	85.64	85.64	85.64
Full Taper	1	1	3/16 or 1/4	75.48	75.48	75.48	75.48	75.48	75.48	75.48	81.54	81.54	81.54	81.54
Full Taper	1	1-1/2	1/4	96.01	96.01	96.01	96.01	98.59	98.59	98.59	98.59	102.63	102.63	102.63

CARTRIDGE ROLLS
Resin Bond AO



\$ per 100				Grit										
Shape	Diam	Lgth	Hole	36	40	50	60	80	100	120	150	180	240	320
Full Taper	1	2	1/4	119.97	119.97	119.97	119.97	123.28	123.28	123.28	129.36	129.36	129.36	129.36

CARTRIDGE ROLLS
Resin Bond AO



\$ per 100	Shape	Diam	Lgth	Hole	Grit									
					36	40	50	60	80	100	120	150	180	240
Half Taper	3/8	1	1/8				41.54	41.54	41.54	41.54	43.64	43.64	43.64	43.64
Half Taper	3/8	1-1/2	1/8				44.12	44.12	44.12	44.12	46.27	46.27	46.27	46.27
Half Taper	1/2	1	1/8				43.87	43.87	43.87	43.87	46.06	46.06	46.06	46.06
Half Taper	1/2	1-1/2	1/8 or 3/16				50.12	50.12	50.12	50.12	52.61	52.61	52.61	52.61
Half Taper	1/2	2	1/8 or 3/16				55.73	55.73	55.73	55.73	57.65	57.65	57.65	57.65
Half Taper	5/8	1-1/2	3/16 or 1/4				64.04	64.04	64.04	64.04	67.20	67.20	67.20	67.66
Half Taper	5/8	2	3/16 or 1/4				77.81	77.81	77.81	77.81	81.78	81.78	81.78	81.78
Half Taper	3/4	1-1/2	3/16 or 1/4				70.89	70.89	70.89	70.89	74.44	74.44	74.44	
Half Taper	3/4	2	3/16 or 1/4				81.58	81.58	81.58	81.58	85.64	85.64	85.64	
Half Taper	3/4	2-1/2	3/16 or 1/4				96.01	98.59	98.59	98.59				
Half Taper	1	1-1/2	3/16 or 1/4				119.94	123.26	123.26	123.26				

Mandrels

Minimum 3 per line item

Style	Part No	Pilot Diam	Pilot Length	Shank Diam	Shk Lgth	O.A.L.	\$ Ea
A1	580950	5/64	1	1/8	1	3	3.32
A2	580953	3/32	1	1/8	1	3	3.32
A3	580954	1/8	1/2	1/8	1	2-1/2	3.32
A4	580955	1/8	3/4	1/8	1	2-3/4	3.32
A5	580956	1/8	1	1/8	1	3	2.48
A6	580957	1/8	1-1/2	1/4	1	3-1/2	3.32
A7	580958	1/8	1/2	1/4	1-1/4	2-1/4	2.10
A8	580959	1/8	3/4	1/4	1-1/4	2-1/2	2.10
A9	580960	1/8	1	1/4	1-1/4	2-3/4	2.57
A10	580961	1/8	1-1/2	1/4	1-1/4	3-1/4	2.10
A11	580962	1/8	2	1/4	1-1/4	4	2.72
A14	580963	3/16	1/2	1/4	1-1/4	2-1/2	4.09
A15	580964	3/16	3/4	1/4	1-1/4	2-3/4	4.09
A16	580965	3/16	1	1/4	1-1/4	3	3.93
A17	580966	3/16	1-1/2	1/4	1-1/4	3-1/2	4.22
A18	580967	3/16	2	1/4	1-1/4	4	5.12
A19	580968	1/4	1/2	1/4	1-1/4	2-1/2	4.61
A20	580969	1/4	3/4	1/4	1-1/4	2-3/4	4.81
A21	580970	1/4	1	1/4	1-1/4	3	2.48
A21-6	580971	1/4	1	1/4	4-1/4	6	7.84
A21-8	580972	1/4	1	1/4	6-1/4	8	10.59
A22	580973	1/4	1-1/2	1/4	1-1/4	3-1/2	4.11
A22-6	580974	1/4	1-1/2	1/4	3-3/4	6	7.84
A23	580976	1/4	2	1/4	1-1/4	4	6.14
A24	580977	5/16	3/4	1/4	1-1/4	2-1/2	5.12
A25	580978	5/16	1	1/4	1-1/4	2-3/4	5.12
A26	580979	5/16	1-1/2	1/4	1-1/4	3	5.80
A27	580980	5/16	2	1/4	1-1/4	3-1/2	6.49

Minimum order of \$50 net except for special circumstances.
This applies to rolls and mandrels combined.