

CARTRIDGE ROLLS
Resin Bond AO



\$ per 100

Shape	Diam	Lgth	Hole	Grit										
				36	40	50	60	80	100	120	150	180	240	320
Straight	3/16	3/4	3/32					22.66	22.66	22.66	23.67	23.67	23.67	23.67
Straight	3/16	1	3/32					23.11	23.11	23.11	24.32	24.32	24.32	24.32
Straight	1/4	3/4	1/8				22.66	22.66	22.66	22.66	23.67	23.67	23.67	23.67
Straight	1/4	1	1/8				23.11	23.11	23.11	23.11	24.32	24.32	24.32	24.32
Straight	1/4	1-1/2	1/8				27.90	27.90	27.90	27.90	29.27	29.27	29.27	29.27
Straight	1/4	2	1/8				35.01	35.01	35.01	35.01	36.80	36.80	36.80	36.80
Straight	5/16	3/4	1/8				22.93	22.93	22.93	22.93	24.13	24.13	24.13	24.13
Straight	5/16	1	1/8				25.06	25.06	25.06	25.06	26.30	26.30	26.30	26.30
Straight	5/16	1-1/2	1/8				31.82	31.82	31.82	31.82	33.13	33.13	33.13	33.13
Straight	5/16	2	1/8				36.16	36.16	36.16	36.16	37.98	37.98	37.98	37.98
Straight	3/8	3/4	1/8	22.93	22.93	22.93	22.93	22.93	22.93	22.93	24.13	24.13	24.13	24.13
Straight	3/8	1	1/8	25.12	25.12	25.12	25.12	25.12	25.12	25.12	26.41	26.41	26.41	26.41
Straight	3/8	1-1/2	1/8	31.67	31.67	31.67	31.67	31.67	31.67	31.67	33.13	33.13	33.13	33.13
Straight	3/8	2	1/8	36.45	36.45	36.45	36.45	36.45	36.45	36.45	38.29	38.29	38.29	38.29
Straight	1/2	3/4	1/8	25.07	25.07	25.07	25.07	25.07	25.07	25.07	26.33	26.33	26.33	26.33
Straight	1/2	1	1/8	28.92	28.92	28.92	28.92	28.92	28.92	28.92	30.38	30.38	30.38	30.38
Straight	1/2	1-1/2	1/8	39.74	39.74	39.74	39.74	39.74	39.74	39.74	41.66	41.66	41.66	41.66
Straight	1/2	2	1/8	51.18	51.18	51.18	51.18	51.18	51.18	51.18	53.67	53.67	53.67	53.67
Straight	1/2	2-1/2	1/8	94.62	94.62	94.62	94.62	94.62	94.62	94.62	99.31	99.31	99.31	99.31
Straight	1/2	3	1/8	96.26	96.26	96.26	96.26	96.26	96.26	96.26	101.29	101.29	101.29	101.29
Straight	5/8	1	3/16	44.78	44.78	44.78	44.78	44.78	44.78	47.19	47.19	47.19	47.19	47.19
Straight	5/8	1-1/2	3/16	56.89	56.89	56.89	56.89	56.89	56.89	59.67	59.67	59.67	59.67	59.67
Straight	5/8	2	3/16	68.39	68.39	68.39	68.39	68.39	68.39	71.83	71.83	71.83	71.83	71.83
Straight	5/8	2-1/2	3/16	99.95	99.95	99.95	99.95	99.95	99.95	105.12	105.12	105.12	105.12	105.12
Straight	5/8	3	3/16	112.44	112.44	112.44	112.44	112.44	112.44	118.03	118.03	118.03	118.03	118.03
Straight	3/4	1	1/4	51.82	51.82	51.82	51.82	51.82	51.82	51.82	54.29	54.29	54.29	54.29
Straight	3/4	1-1/2	1/4	64.90	64.90	64.90	64.90	64.90	64.90	64.90	68.17	68.17	68.17	68.17
Straight	3/4	2	1/4	86.17	86.17	86.17	86.17	86.17	86.17	86.17	90.50	90.50	90.50	90.50
Straight	3/4	2-1/2	1/4	115.05	115.05	115.05	115.05	115.05	115.05	115.05	120.77	120.77	120.77	120.77
Straight	3/4	3	1/4	128.67	128.67	128.67	128.67	128.67	128.67	128.67	135.05	135.05	135.05	135.05
Straight	1	1	1/4	95.99	95.99	95.99	95.99	95.99	95.99	95.99	102.62	102.62	102.62	102.62
Straight	1	1-1/2	1/4	115.77	115.77	115.77	115.77	115.77	115.77	115.77	133.19	133.19	133.19	133.19
Straight	1	2	1/4	142.33	142.33	142.33	142.33	149.58	149.58	149.58	148.49	148.49	148.49	148.49
Straight	1-1/4	1-1/2	1/4	229.47	229.47	229.47	229.47	263.39	263.39	263.39	285.56	285.56	285.56	285.56
Straight	1-1/4	2	1/4	289.08	289.08	289.08	289.08	297.27	297.27	297.27	303.04	303.04	303.04	303.04
Straight	1-1/2	1-1/2	1/4	229.47	229.47	229.47	229.47	263.39	263.39	263.39	285.56	285.56	285.56	285.56
Straight	1-1/2	2	1/4	289.08	289.08	289.08	289.08	297.27	297.27	297.27	303.04	303.04	303.04	303.04
Full Taper	3/8	1	1/8			50.73	50.73	50.73	50.73	50.73	53.21	53.21	53.21	53.21
Full Taper	3/8	1-1/2	1/8			53.81	53.81	53.81	53.81	53.81	58.72	58.72	58.72	58.72
Full Taper	3/8	2	1/8			64.85	64.85	64.85	58.92	58.92	58.92	58.92	58.92	58.92
Full Taper	1/2	1	1/8	53.50	53.50	53.50	53.50	53.50	53.50	56.19	56.19	56.19	56.19	56.19
Full Taper	1/2	1-1/2	1/8	61.12	61.12	61.12	61.12	61.12	61.12	61.12	64.15	64.15	64.15	64.15
Full Taper	1/2	2	1/8	67.96	67.96	67.96	67.96	67.96	67.96	67.96	70.30	70.30	70.30	70.30
Full Taper	5/8	1	3/16	65.98	65.98	65.98	65.98	65.98	65.98	65.98	69.36	69.36	69.36	69.36
Full Taper	5/8	1-1/2	3/16 or 1/4	78.08	78.08	78.08	78.08	78.08	78.08	78.08	82.06	82.06	82.06	82.06
Full Taper	5/8	2	3/16 or 1/4	94.89	94.89	94.89	94.89	94.89	94.89	94.89	99.76	99.76	99.76	99.76
Full Taper	3/4	1	3/16 or 1/4	73.14	73.14	73.14	73.14	73.14	73.14	73.14	76.83	76.83	76.83	76.83
Full Taper	3/4	1-1/2	3/16 or 1/4	86.45	86.45	86.45	86.45	86.45	86.45	86.45	90.78	90.78	90.78	90.78
Full Taper	3/4	2	3/16 or 1/4	99.48	99.48	99.48	99.48	99.48	99.48	99.48	104.44	104.44	104.44	104.44
Full Taper	1	1	3/16 or 1/4	92.05	92.05	92.05	92.05	92.05	92.05	92.05	99.45	99.45	99.45	99.45
Full Taper	1	1-1/2	1/4	117.08	117.08	117.08	117.08	120.24	120.24	120.24	120.24	125.15	125.15	125.15
Full Taper	1	2	1/4	146.31	146.31	146.31	146.31	150.35	150.35	150.35	157.74	157.74	157.74	157.74

CARTRIDGE ROLLS
Resin Bond AO



\$ per 100

Shape	Diam	Lgth	Hole	Grit										
				36	40	50	60	80	100	120	150	180	240	320
Half Taper	3/8	1	1/8				50.66	50.66	50.66	50.66	53.21	53.21	53.21	53.21
Half Taper	3/8	1-1/2	1/8				53.81	53.81	53.81	53.81	56.43	56.43	56.43	56.43
Half Taper	1/2	1	1/8				53.50	53.50	53.50	53.50	56.16	56.16	56.16	56.16
Half Taper	1/2	1-1/2	1/8 or 3/16				61.12	61.12	61.12	61.12	64.15	64.15	64.15	64.15
Half Taper	1/2	2	1/8 or 3/16				67.96	67.96	67.96	67.96	70.30	70.30	70.30	70.30
Half Taper	5/8	1-1/2	3/16 or 1/4				78.09	78.09	78.09	78.09	81.95	81.95	81.95	82.52
Half Taper	5/8	2	3/16 or 1/4				94.89	94.89	94.89	94.89	99.73	99.73	99.73	99.73
Half Taper	3/4	1-1/2	3/16 or 1/4				86.45	86.45	86.45	86.45	90.78	90.78	90.78	0.00
Half Taper	3/4	2	3/16 or 1/4				99.48	99.48	99.48	99.48	104.44	104.44	104.44	0.00
Half Taper	3/4	2-1/2	3/16 or 1/4				117.08	120.24	120.24	120.24	0.00	0.00	0.00	0.00
Half Taper	1	1-1/2	3/16 or 1/4				146.28	150.30	150.30	150.30	0.00	0.00	0.00	0.00

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	3.80
A2	580953	3/32	1	1/8	1	3	3.80
A3	580954	1/8	1/2	1/8	1	2-1/2	3.80
A4	580955	1/8	3/4	1/8	1	2-3/4	3.80
A5	580956	1/8	1	1/8	1	3	2.84
A6	580957	1/8	1-1/2	1/4	1	3-1/2	3.80
A7	580958	1/8	1/2	1/4	1-1/4	2-1/4	2.41
A8	580959	1/8	3/4	1/4	1-1/4	2-1/2	2.41
A9	580960	1/8	1	1/4	1-1/4	2-3/4	2.95
A10	580961	1/8	1-1/2	1/4	1-1/4	3-1/4	2.41
A11	580962	1/8	2	1/4	1-1/4	4	3.11
A14	580963	3/16	1/2	1/4	1-1/4	2-1/2	4.68
A15	580964	3/16	3/4	1/4	1-1/4	2-3/4	4.68
A16	580965	3/16	1	1/4	1-1/4	3	4.49
A17	580966	3/16	1-1/2	1/4	1-1/4	3-1/2	4.83
A18	580967	3/16	2	1/4	1-1/4	4	5.86
A19	580968	1/4	1/2	1/4	1-1/4	2-1/2	5.27
A20	580969	1/4	3/4	1/4	1-1/4	2-3/4	5.50
A21	580970	1/4	1	1/4	1-1/4	3	2.84
A21-6	580971	1/4	1	1/4	4-1/4	6	8.97
A21-8	580972	1/4	1	1/4	6-1/4	8	12.11
A22	580973	1/4	1-1/2	1/4	1-1/4	3-1/2	4.71
A22-6	580974	1/4	1-1/2	1/4	3-3/4	6	8.97
A23	580976	1/4	2	1/4	1-1/4	4	7.02
A24	580977	5/16	3/4	1/4	1-1/4	2-1/2	5.86
A25	580978	5/16	1	1/4	1-1/4	2-3/4	5.86
A26	580979	5/16	1-1/2	1/4	1-1/4	3	6.62
A27	580980	5/16	2	1/4	1-1/4	3-1/2	7.42

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