

Paper Dimension Quick Reference

Imperial paper sizes

Name	Variant	inches	mm	AR	Name	Variant	inches	mm	AR
Emperor	UK	48 × 72	1,220 × 1,830	1.5	Super Royal	UK	19 × 27	483 × 686	1.4203
Quad Royal	US	40 × 50	1,020 × 1,270	1.25	Broadsheet	US	18 × 24	457 × 610	1.3
Quad Demy	US	35 × 45	889 × 1,140	1.2857	Medium	UK	17½ × 23	444 × 584	1.2425
Antiquarian	UK	31 × 53	787 × 1,350	1.7097		US	18 × 23	457 × 584	1.27
Grand Eagle	UK	28¾ × 42	730 × 1,070	1.4609	Demy	both	17½ × 22½	444 × 572	1.2857
Double Elephant	UK	26¾ × 40	679 × 1,020	1.4984	Copy Draught	UK	16 × 20	406 × 508	1.25
Atlas	UK	26 × 34	660 × 864	1.3077	Large Post	UK	15½ × 20	394 × 508	1.2903
Double Royal	US	25 × 40	635 × 1,020	1.6		US	16½ × 21	419 × 533	1.27
Colombier	UK	23½ × 34½	597 × 876	1.4681	Post	UK	15½ × 19¼	394 × 489	1.2419
Double Demy	UK	22½ × 35½	572 × 902	1.57		US	15½ × 19½	394 × 495	1.2581
	US	22½ × 35	572 × 889	1.5	Crown	both	15 × 20	381 × 508	1.3
Imperial	UK	22 × 30	559 × 762	1.3636	Pinched Post	UK	14¾ × 18½	375 × 470	1.2533
Double Large Post	UK	21 × 33	533 × 838	1.5713	Foolscap	UK	13½ × 17	343 × 432	1.2593
Elephant	both	23 × 28	584 × 711	1.2174		US	13 × 18	330 × 457	1.3846
Princess	UK	22½ × 28	572 × 711	1.3023	Small Foolscap	UK	13¼ × 16½	337 × 419	1.2453
Cartridge	UK	21 × 26	533 × 660	1.2381	Brief	UK	13½ × 16	343 × 406	1.1852
Royal	both	20 × 25	508 × 635	1.25	Pott	UK	12½ × 15	317 × 381	1.2
Sheet, Half Post	UK	19½ × 23½	495 × 597	1.2051	Quarto	US	9 × 11	229 × 279	1.2
Double Post	UK	19 × 30½	483 × 775	1.6052	Executive, Monarch	US	7¼ × 10½	184 × 267	1.4483

Book formats & back mark location

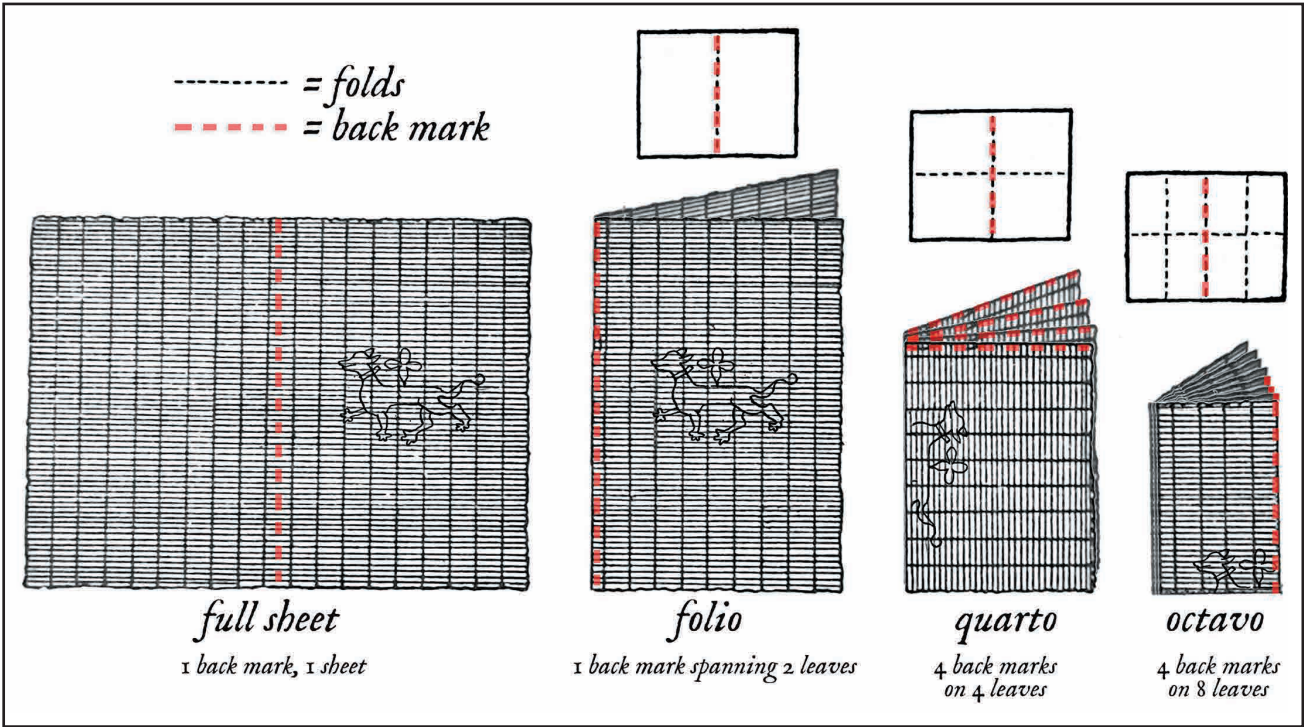
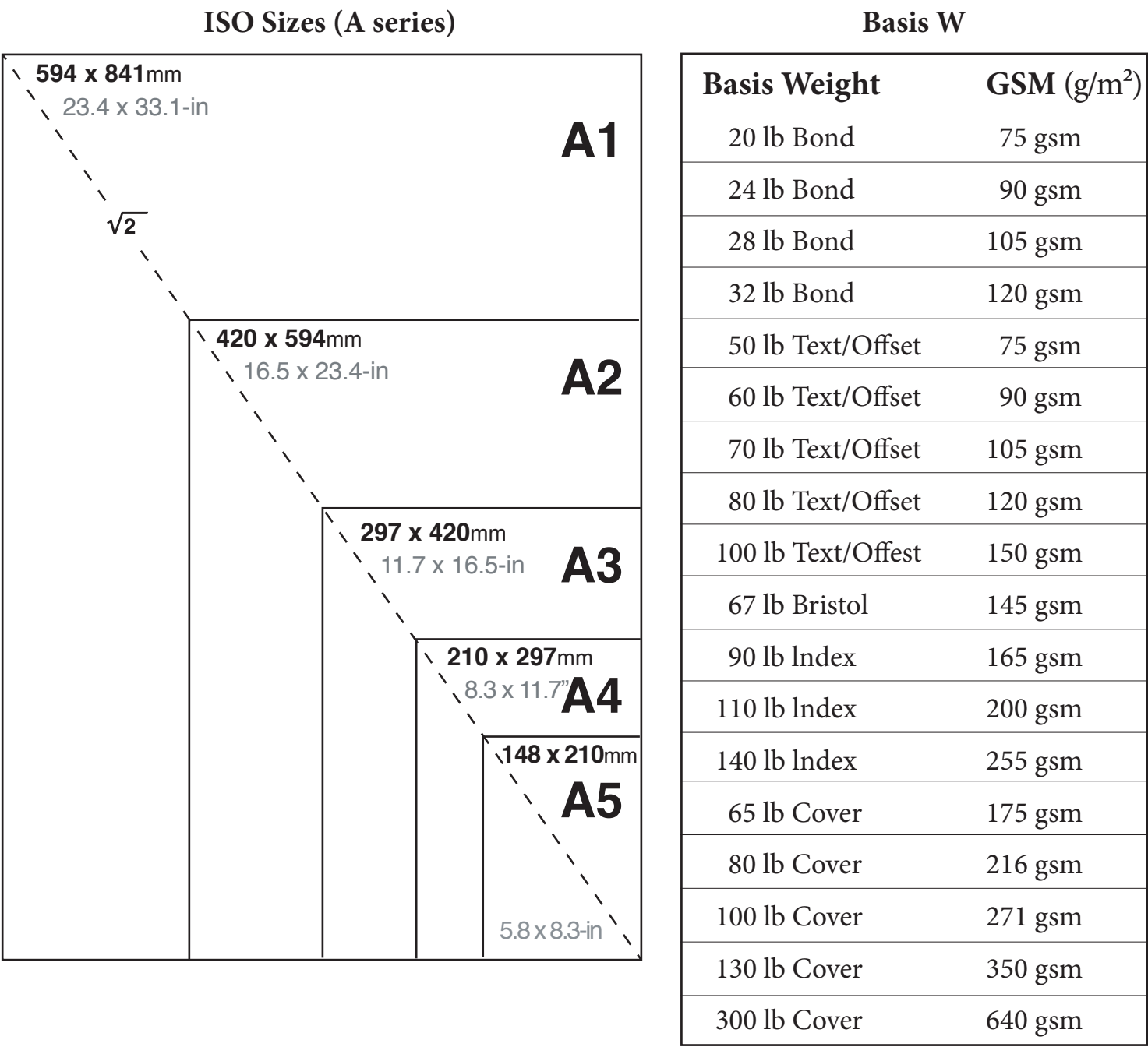


Figure 5. Laid line and watermark orientation, bookbinder’s folding, leave per format, gathering and back mark placement.

Sheet & Signature Dimensions

Name	Fullsheet (mm/in)	Folio (mm/in)	Quarto (mm/in)	Octavo (mm/in)
Papal/Gradual mm Inches	520.00 x 770.00 20.47 x 30.31	520.00 x 385.00 20.47 x 30.31	385.00 x 260.00 15.16 x 10.24	260.00 x 183.00 10.24 x 7.20
Imperial [inperialle] mm Inches	500.00 x 725.00 19.69 x 28.54	500.00 x 363.00 19.69 x 14.29	363.00 x 250.00 14.29 x 9.84	250.00 x 182.00 9.84 x 7.17
Super or Law-royal mm Inches	440.00 x 590.00 17.32 x 23.23	440.00 x 295.00 17.32 x 11.61	295.00 x 220.00 11.61 x 8.66	220.00 x 148.00 8.66 x 5.83
Royal [realle] Bologna stone Inches	440.00 608.00 17.32 x 23.94	440.00 x 304.00 17.32 x 11.97	304.00 220.00 11.97 x 8.66	220.00 152.00 8.66 x 5.98
Royal (Needham) mm Inches	400.00 566.00 11.97 x 8.66	400.00 283.00 15.75 x 11.14	283.00 x 200.00 11.14 x 7.87	200.00 x 142.00 7.87 x 5.59
Super-median mm Inches	360.00 x 500.00 14.17 x 19.69	360.00 x 250.00 14.17 x 9.84	250.00 x 180.00 9.84 x 7.09	180.00 x 125.00 7.09 x 4.92
Narrow Median mm (Aldine octavo) Inches	350.00 x 420.00 13.78 x 16.54	350.00 x 210.00 13.78 x 8.27	210.00 x 175.00 8.27 x 6.89	175.00 x 105.00 6.89 x 4.13
Median [meçane] mm Inches	345.00 x 490.00 13.58 x 19.29	345.00 x 245.00 13.58 x 9.65	245.00 x 173.00 9.65 x 6.81	173.00 x 123.00 6.81 x 4.84
Super-chancery mm Inches	330.00 x 460.00 12.99 x 18.11	330.00 x 230.00 12.99 x 9.06	230.00 x 165.00 9.06 x 6.50	165.00 x 115.00 6.50 x 4.53
Chancery [reçute] mm Inches	310.00 x 440.00 12.20 x 17.32	310.00 x 220.00 12.20 x 8.66	220.00 x 155.00 8.66 x 6.10	155.00 x 110.00 6.10 x 4.33
Half-median mm Inches	250.00 x 350.00 9.84 x 13.78	250.00 x 175.00 9.84 x 6.89	175.00 x 125.00 6.89 x 4.92	125.00 x 88.00 4.92 x 3.46



Paper	Basis Size	Weight in lbs.	Weight in grams
Watercolor	22" x 30"	140 lbs.	300 g/m ²
Drawing	24" x 36"	80 lbs.	130 g/m ²
Sketch	25" x 36"	60 lbs.	89 g/m ²
Bristol	20" x 26"	100 lbs.	260 g/m ²
Charcoal	25" x 38"	64 lbs.	95 g/m ²

Text	Cover	GSM	Caliper	Common Uses
25 lbs		40 gsm		Tracing Paper
40 lbs		90 gsm		Newspaper
50 lbs		74 gsm		Standard Printer Paper
60 lbs		89 gsm	3 pts	Book Pages, Notepads, Letterheads
70 lbs		104 gsm	3.5 pts	Book Pages, Envelopes, Flyers
80 lbs		118 gsm	4 pts	Book Pages, Posters, Brochures, Flyer
	60 lbs	162 gsm	5.5 pts	Book Pages, Posters, Brochures
	80 lbs	216 gsm	8 pts	Book Cover
	100 lbs	271 gsm	10 pts	Book Cover, Postcards, Door Hangers
	110 lbs	298 gsm	12 pts	Business Cards
	120 lbs	325 gsm	14 pts	Book Cover, Greeting Cards, Business Cards, Greeting Cards, Folders, Door Hangers
	130 lbs	400 gsm	16 pts	Busines Cards, Door Hangers
		460 gsm	18 pts	Business Cards
		590 gsm	24 pts	Triple-layered stock options which are typically only available for postcards or business cards
		1000 gsm	38 pts	Triple-layered stock options which are typically only available for postcards or business cards
			60 pts	Hardcover Book Cover

Italian (1389) & Arab (10th-15th c.)Paper Sizes

Outer to inner frame	Dimensions	Ratio
Imperial [inperialle] Bologna Stone	500 x 725mm 19.69 x 28.54-in	1.45
Royal [realle] Bologna Stone	440 x 608mm 17.32 x 23.94-in	1.38
Median [meçane] Bologna Stone	345 x 490mm 13.58 x 19.29-in	1.42
Super-chancery	330 x 460mm 12.99 x 18.11-in	1.39
Chancery [reçute] Bologna Stone	310 x 440 mm 12.20 x 17.32-in	1.42
Half-median	250 x 350mm 9.84 x 13.78-in	1.40
Damascus (1339) (Arab paper size)	620 x 880mm 24.41 x 34.65-in	1.42
Lambskin/goatskin	533 x 762mm 20.98 x 30.00-in	1.43

US architectural standard paper sizes

Names	inches	mm
Arch A Arch	19 × 12	229 × 305
Arch B Arch 2	12 × 18	305 × 457
Arch C Arch 3	18 × 24	457 × 610
Arch D Arch 4	24 × 36	610 × 914
Arch E1 Arch 5	30 × 42	762 × 1,070
Arch E2[17]	26 × 38	660 × 965
Arch E3[17]	27 × 39	686 × 991
Arch E Arch 6	36 × 48	914 × 1,220

Data courtesy of Tim Barrett