

Cover and style information

The first page: which garment, which version, who to call.

Field	Value
Brand	Smasher Studio (demo garment)
Style name	Classic poplin shirt
Style number	SS27-001
Season	Spring Summer 2027
Category	Women, woven top, long sleeve
Fit	Regular, straight body, curved hem with side vents
Size range	XS to XL, base size M
Main fabric	100% cotton poplin, 110 g/m², 148 cm usable width
Colourways	2: CW1 White, CW2 Sky
Sample size	M
Version	1.0
Date of this version	2026-10-19
Status	Proto 1 requested
Prepared by	Design team (example)
Factory contact	To be confirmed
Notes	Worked example on a demo garment. Suppliers and references are illustrative.

How to use this template

- One sheet per section, in the order a factory reads them. Fill the cover first, then the flats, then everything the flats refer to.
- Measurements are taken laid flat unless a row says otherwise. Every point of measure gets a tolerance; a measurement without one cannot be refused.
- Colours by textile reference (Pantone TCX or a lab dip), never by name alone. Fabric by composition and weight in g/m².
- Never overwrite a version the factory has sampled from: raise the version number and log the change.

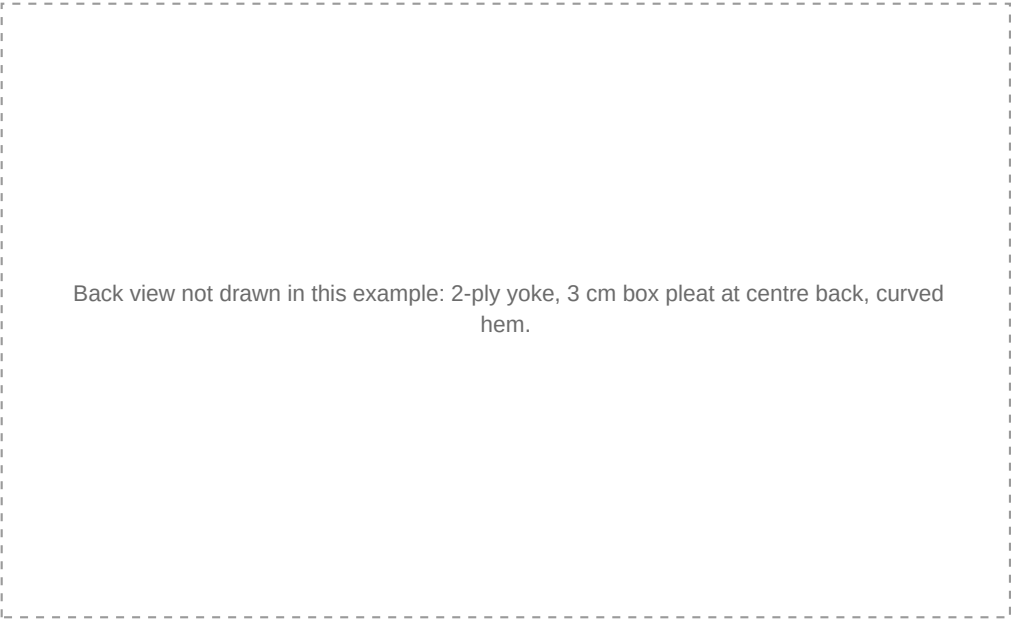
Flat sketches

Front and back as proportional line art, every seam, closure, pocket and topstitch drawn. Number the details and describe each number below.

Front view



Back view



Callout	Detail
1	Collar with stand, 2-ply, fused
2	Front placket, 3 cm, 7 buttons 18L
3	Chest pocket, patch, left as worn
4	Back yoke, 2-ply, box pleat at CB
5	Side seams and underarm: French seam
6	Sleeve placket, tower, 1 button 14L
7	Cuff, 2-ply, fused, 1 button 14L
8	Curved hem, 6 mm double fold, 5 cm side vents

Bill of materials

Every component the garment contains, one row each, with the reference the supplier uses and the quantity one garment consumes. The factory costs and orders from this sheet.

No.	Component	Placement	Description	Composition	Weight / size	Supplier	Reference	Colour	Qty per garment	Unit	Comment
1	Shell fabric	Body, sleeves, collar, cuffs, pocket	Poplin, plain weave	100% cotton	110 g/m ² , 148 cm	Mill (example)	POP-110-W	Per colourway sheet	1.65	m	Pre-shrunk, residual shrinkage under 2%
2	Interfacing	Collar, stand, cuffs, placket	Fusible woven interfacing	100% cotton	60 g/m ²	Interlining supplier (example)	FUS-60	White	0.25	m	Test fusing on the shell before bulk
3	Button, front	Placket, 7 positions	4-hole shirt button, 18L (11.5 mm)	Polyester, pearl effect	18L	Trim supplier (example)	BTN-18L	Per colourway sheet	8	pcs	7 sewn, 1 spare in bag
4	Button, small	Cuffs and sleeve plackets	4-hole shirt button, 14L (9 mm)	Polyester, pearl effect	14L	Trim supplier (example)	BTN-14L	Per colourway sheet	4	pcs	1 per cuff, 1 per placket
5	Sewing thread	All seams and topstitching	Core-spun, Tex 27 (ticket 120)	100% polyester	Tex 27	Thread supplier (example)	THR-120	Match shell	180	m	
6	Main label	Centre back neck, under the yoke	Woven damask, end fold	100% polyester	50 x 15 mm	Label supplier (example)	LBL-MAIN	Ecru ground, black text	1	pcs	
7	Size label	Below the main label	Woven, end fold	100% polyester	15 x 10 mm	Label supplier (example)	LBL-SIZE	Ecru ground, black text	1	pcs	
8	Care and composition label	Left side seam, 10 cm above the hem, inside	Printed satin, loop	100% polyester	30 x 60 mm	Label supplier (example)	LBL-CARE	White, black print	1	pcs	Content on the labels sheet
9	Hangtag and string	Through the main label	Board 350 g/m ² , cotton string, safety pin	Recycled board	50 x 90 mm	Print supplier (example)	HT-01	Kraft, black print	1	pcs	
10	Spare button bag	Attached to the care label	Mini zip bag	Recycled PE	40 x 60 mm	Packaging supplier (example)	BAG-SPARE	Clear	1	pcs	Holds 1 x 18L button
11	Polybag	Finished garment	Self-seal bag with suffocation warning	Recycled LDPE	25 x 35 cm	Packaging supplier (example)	BAG-25	Clear	1	pcs	See packaging sheet

Measurements, cm

All points measured laid flat on a smooth surface, garment buttoned, unless the row says otherwise. Base size M is highlighted; the other sizes follow the grade step. Tolerances are what a finished piece may be off by, each way.

Code	Point of measure	How to measure	Tolerance +/- (cm)	XS (cm)	S (cm)	M (cm)	L (cm)	XL (cm)	Grade step (cm)
A	Chest width	2.5 cm below the armhole, edge to edge, laid flat	1	46	48	50	52	54	2
B	Waist width	42 cm down from the high point of shoulder, edge to edge	1	43	45	47	49	51	2
C	Hem width	At the hem edge, edge to edge, vents closed	1	47	49	51	53	55	2
D	Back length	Centre back neck seam to hem	1	66	67	68	69	70	1
E	Front length	High point of shoulder to hem, along the front	1	68	69	70	71	72	1
F	Shoulder width	Shoulder seam to shoulder seam, across the back yoke	0.5	36	37	38	39	40	1
G	Across back	10 cm below the centre back neck seam, armhole to armhole	0.5	34	35	36	37	38	1
H	Sleeve length	Shoulder seam to cuff edge, along the outer fold	1	58	59	60	61	62	1
I	Armhole, straight	Shoulder seam to underarm point, straight	0.5	20.5	21.25	22	22.75	23.5	0.75
J	Sleeve width	2.5 cm below the underarm, edge to edge	0.5	15.5	16.25	17	17.75	18.5	0.75
K	Cuff width	Buttoned, laid flat, edge to edge	0.3	10	10.5	11	11.5	12	0.5
L	Cuff height	Seam to finished edge	0.2	6	6	6	6	6	0
M	Collar point	Collar point length, seam to tip	0.2	7	7	7	7	7	0
N	Collar stand height	At centre back	0.2	3	3	3	3	3	0
O	Neck size	Stand buttoned, button centre to buttonhole end, inside	0.5	36	37	38	39	40	1
P	Pocket width	At the top edge	0.2	11	11	11	11	11	0
Q	Pocket height	Top edge to point	0.2	12	12	12	12	12	0
R	Placket width	Finished, outside edge to outside edge	0.1	3	3	3	3	3	0
S	Side vent height	Hem edge to top of vent	0.2	5	5	5	5	5	0

Measurements, inches

The same points in inches, rounded to the nearest 1/8 inch (tolerances to 1/16). Keep ONE unit on the version you send: a factory that receives both measures against the wrong one.

Code	Point of measure	How to measure	Tolerance +/- (in)	XS (in)	S (in)	M (in)	L (in)	XL (in)	Grade step (in)
A	Chest width	2.5 cm below the armhole, edge to edge, laid flat	0.375	18.125	18.875	19.625	20.5	21.25	0.75
B	Waist width	42 cm down from the high point of shoulder, edge to edge	0.375	16.875	17.75	18.5	19.25	20.125	0.75
C	Hem width	At the hem edge, edge to edge, vents closed	0.375	18.5	19.25	20.125	20.875	21.625	0.75
D	Back length	Centre back neck seam to hem	0.375	26	26.375	26.75	27.125	27.5	0.375
E	Front length	High point of shoulder to hem, along the front	0.375	26.75	27.125	27.5	28	28.375	0.375
F	Shoulder width	Shoulder seam to shoulder seam, across the back yoke	0.188	14.125	14.625	15	15.375	15.75	0.375
G	Across back	10 cm below the centre back neck seam, armhole to armhole	0.188	13.375	13.75	14.125	14.625	15	0.375
H	Sleeve length	Shoulder seam to cuff edge, along the outer fold	0.375	22.875	23.25	23.625	24	24.375	0.375
I	Armhole, straight	Shoulder seam to underarm point, straight	0.188	8.125	8.375	8.625	9	9.25	0.25
J	Sleeve width	2.5 cm below the underarm, edge to edge	0.188	6.125	6.375	6.75	7	7.25	0.25
K	Cuff width	Buttoned, laid flat, edge to edge	0.125	3.875	4.125	4.375	4.5	4.75	0.25
L	Cuff height	Seam to finished edge	0.063	2.375	2.375	2.375	2.375	2.375	0
M	Collar point	Collar point length, seam to tip	0.063	2.75	2.75	2.75	2.75	2.75	0
N	Collar stand height	At centre back	0.063	1.125	1.125	1.125	1.125	1.125	0
O	Neck size	Stand buttoned, button centre to buttonhole end, inside	0.188	14.125	14.625	15	15.375	15.75	0.375
P	Pocket width	At the top edge	0.063	4.375	4.375	4.375	4.375	4.375	0
Q	Pocket height	Top edge to point	0.063	4.75	4.75	4.75	4.75	4.75	0
R	Placket width	Finished, outside edge to outside edge	0.063	1.125	1.125	1.125	1.125	1.125	0
S	Side vent height	Hem edge to top of vent	0.063	2	2	2	2	2	0

Construction and stitch types

How the garment is put together, operation by operation: the seam, the stitch, the density, the allowance, the thread. Seam classes follow ISO 4916; stitch numbers follow ISO 4915 and ASTM D6193 (301 lockstitch, 304 zigzag, 401 chainstitch, 504 three-thread overlock, 516 five-thread safety stitch, 602 coverstitch).

No.	Area	Operation	Seam type (ISO 4916)	Stitch type (ISO 4915 / ASTM D6193)	Stitches per cm (SPI)	Seam allowance	Thread	Comment
1	Collar	Make 2-ply collar and stand, fused, turn and press, edge stitch	Superimposed, class 1	Lockstitch 301	5.5 (14)	6 mm	Match shell	Topstitch 6 mm from the edge, points sharp and even
2	Front placket	Fold placket 3 cm finished, fuse, edge stitch both sides	Edge finished, class 6	Lockstitch 301	5 (12)	1.5 mm	Match shell	Button stand on the left as worn (women)
3	Buttonholes	7 vertical on the placket, 1 horizontal on the stand		Buttonhole, zigzag 304			Match shell	Cut 14 mm for 18L, 11 mm for 14L. First buttonhole 6 cm below the stand seam, then every 9 cm
4	Chest pocket	Patch pocket, top hem 2.5 cm fold twice, press, edge stitch on, bartack both top corners	Lapped, class 2	Lockstitch 301, bartack 304	5 (12)	1.5 mm	Match shell	Pocket top 20 cm from HPS, inner edge 6 cm from placket centre
5	Yoke and shoulders	2-ply yoke, enclosed shoulder seams (burrito method), edge stitch yoke seams	Superimposed, class 1	Lockstitch 301	5 (12)	1 cm	Match shell	Box pleat 3 cm at centre back, pressed, caught in the yoke seam
6	Side seams and underarm	French seam, 6 mm finished, in one run from hem to cuff	Superimposed, class 1, enclosed	Lockstitch 301	5 (12)	1.2 cm total	Match shell	No raw edge anywhere inside
7	Sleeve set	Flat set-in sleeve before the side seam, French seam	Superimposed, class 1, enclosed	Lockstitch 301	5 (12)	1.2 cm total	Match shell	Ease 1 cm in the sleeve head, no gathers
8	Sleeve placket	Tower placket 2.5 cm x 14 cm, edge stitch, 1 buttonhole	Bound, class 3	Lockstitch 301	5 (12)	1.5 mm	Match shell	Placket on the back half of the sleeve
9	Cuff	2-ply fused cuff, 6 cm, attach, edge stitch 6 mm, 1 buttonhole, 1 button	Superimposed, class 1	Lockstitch 301	5.5 (14)	1 cm	Match shell	Two pleats 1.5 cm at the sleeve bottom, towards the placket
10	Hem	Curved hem, 6 mm double fold, side vents 5 cm with 1 cm facing	Edge finished, class 6	Lockstitch 301	5 (12)	6 mm	Match shell	Bartack at the top of each vent
11	Labels	Main and size labels caught in the yoke seam at CB; care label in the left side seam		Lockstitch 301	5 (12)		Match label	Positions on the labels sheet
12	Finishing	Trim threads, press, button up, fold per packaging sheet						No loose threads over 3 mm

Colourways

One column per colourway, one row per coloured component. A textile colour reference for every cell, and a note where a colourway changes a material.

Component	BOM no.	CW1 White	CW2 Sky	Comment
Shell fabric	1	Pantone 11-0601 TCX Bright White	Pantone 14-4318 TCX Sky Blue	Lab dip to approve before bulk
Buttons 18L and 14L	3, 4	White pearl effect	Tone on tone, pearl effect	
Sewing thread	5	Match shell	Match shell	
Main and size labels	6, 7	Ecru ground, black text	Ecru ground, black text	Same in all colourways
Care label	8	White	White	
Hangtag	9	Kraft	Kraft	

Labels and trims

Each label at its size with its position measured from a seam or an edge, the care content, and how it is attached.

Item	Type	Placement (measured from a fixed point)	Size	Content / artwork	Attachment	Reference	Comment
Main label	Woven, end fold	Centre back, top edge in the yoke seam, centred on CB	50 x 15 mm	Brand logotype, artwork file LBL-MAIN-v2	Caught in the seam, ends sewn down	LBL-MAIN	
Size label	Woven, end fold	Centred directly under the main label	15 x 10 mm	Size letter, black	Sewn with the main label	LBL-SIZE	
Care and composition	Printed satin, loop	Left side seam inside, bottom edge 10 cm above the hem	30 x 60 mm	Side 1: 100% cotton, Made in (country). Side 2: wash 30 normal, do not bleach, tumble low, iron medium, no dry clean (ISO 3758 symbols)	Folded, caught in the side seam	LBL-CARE	Composition in the languages of every market sold in (EU Regulation 1007/2011)
Hangtag	Board, string, safety pin	Through the main label, at the top left corner as worn	50 x 90 mm	Logo front, style number, colourway, size and barcode on the back	Safety pin	HT-01	Price sticker added by the brand, not the factory
Spare button	Mini bag	Pinned to the care label	40 x 60 mm	1 x 18L button	Safety pin	BAG-SPARE	

Packaging

How the finished garment is folded, bagged and boxed, and what the carton says. Without this page the goods arrive however was cheapest.

Item	Specification	Comment
Fold	Shirt fold, buttoned, collar up, sleeves folded to the back, finished 25 x 35 cm	No collar band insert, no clips, no tissue
Polybag	Recycled LDPE 25 x 35 cm, self-seal, suffocation warning printed	One garment per bag
Bag sticker	Style number, colourway, size, barcode, bottom right of the bag	
Carton	5-ply corrugated, 60 x 40 x 30 cm, max 12 kg gross	One colourway and one size per carton
Carton marks	Style number, colourway, size, quantity, carton n of N, gross and net weight, purchase order	Two adjacent sides
Size assortment	Solid size per carton; ratio per purchase order	

Revision log

Every change after the first issue, with its date and who approved it. The version number on the cover must match the last row here.

Version	Date	By	Sheet changed	What changed	Approved by
1.0	2026-10-19	Design team	All	First issue, sent for proto 1	Product manager