

# **KOHL'S**

**BUILDING AMAZING PRODUCT**

## **DEVELOPING & MAINTAINING FIT CONSISTENCY**

**NOVEMBER 2023**



**GSPS**

**Technical Design**

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## OUR GOAL

Develop 5-Star Products for our  
Private & Exclusive Brands

**Deliver on the Customer's  
expectation for VALUE, QUALITY,  
FIT CONSISTENCY,  
and COMFORT**

# OUR GOAL & ROLE IN FIT CONSISTENCY

**FIT CONSISTENCY GOAL:** Execute design aesthetic accurately and achieve consistent fit across multiple silhouettes, fabrics, and vendors while meeting quality and safety guidelines in as few samples as possible.

## KOHL'S EXPECTATIONS:

- \*Provide [Fit Library](#) containing:
  - Body Landmark Documents
  - Grade Table & Schematics
  - Reference or Block Patterns
- Provide Reference Pattern in Costing TP  
*(when available)*
- \* [How To Measure Guide](#) for consistency
- Reference [Minimum Construction Standards](#) with additional construction callouts if above/beyond in Tech spec.
- [OnePLM CTD Training](#)
- \*Support vendors questions regarding consistency and quality

## VENDOR EXPECTATIONS:

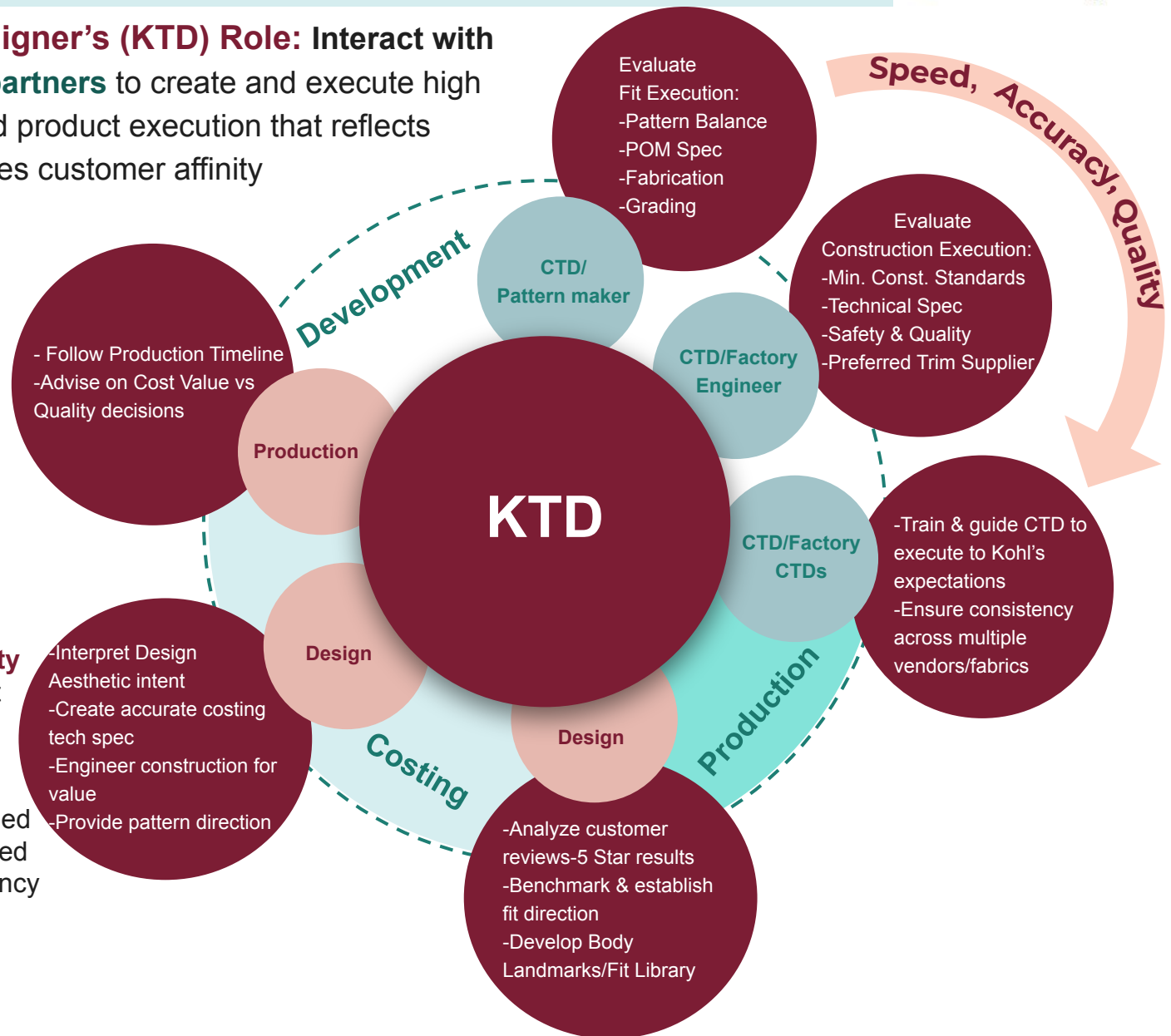
- \*Fit on [Kohl's Dressform](#)
- \*Follow Kohl's Grade (in OnePLM)
- \*Meet or Exceed [Kohl's Minimum Construction Standards](#)
- \*Follow [Kohls Product Safety & Regulatory Standards](#)
- \*Use [Preferred Trim Suppliers](#)
- \*Responsible to own and deliver amazing fit
- \*Validate that production quality follows final tech pkg
- \*Factory Pre-Production sample must be approved prior to production for quality assurance audit

\* Applies to all [Avenues of Kohl's/Vendor initiated Design/owned Development](#)



# OUR GOAL & ROLE IN FIT CONSISTENCY

**Kohl's Technical Designer's (KTD) Role:** Interact with internal and external partners to create and execute high quality, consistent fit and product execution that reflects Design's vision and raises customer affinity



## KEYS FOR SUCCESS:

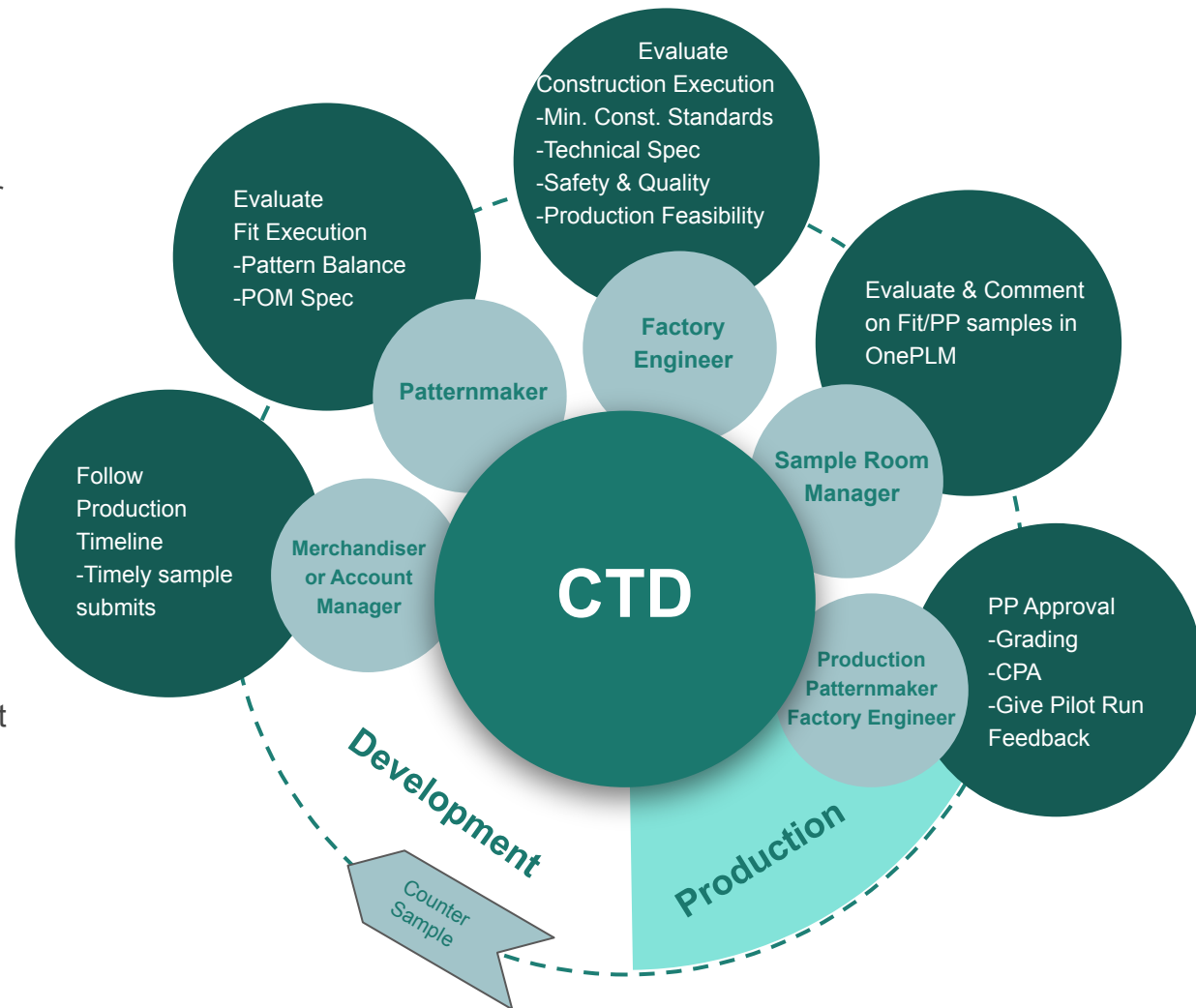
- ❑ **Vendor CTD Support:**  
**KTD owns the authority** for determining the next steps in the Fit & PP approval process and determines when CTD partners can be leveraged for these approvals based on level of CTD proficiency

# OUR GOAL & ROLE IN FIT CONSISTENCY

**Certified Technical Designer's (CTD) Role:** Interact with their **internal partners** to perform **technical tasks on behalf of Kohl's Technical Design** at levels according to their demonstrated proficiency level.

## Keys to Success

- ❑ Start with a proven pattern or sloper as specified by Kohl's TD in OnePLM.
- ❑ Work closely with pattern maker through development to ensure fit consistency & pattern adjustments are made as requested.
- ❑ Communicate with KTD on any discrepancies regarding DI page, POM spec, or reference pattern shape that need further KTD direction for accurate sample.
- ❑ Inform production team and conduct a pre-production meeting to make sure all fit & construction comments are reflected in production run.



For more information on the Kohl's Certified Technical Design Program, see [Kohl's Apparel CTD overview](#) on K-Link

# OUR GOAL & ROLE IN FIT CONSISTENCY

**KOHL'S DEVELOPMENT GOAL:** Delivering five star product to the customer.

## KOHL'S PRODUCTION

Liaison between Merchandising, Sourcing, Design, & Vendor to ensure clarity & transparency in cost management in order to drive value through savings or investments. Supports Sourcing to execute a best in class vendor management through: quality, value, reliability & agility.

- Align with Design and Merchandising team on Line Assortment Plan development expectations
- Provide reference information at style hand-off in regard to previous assortment slot, carry-over vs new development, RFQ process or vendor placement, replenishment or Speed & Agility model
- Partner with Technical Design when considering changing key vendors that execute carry over, core & franchise programs at costing stage.
- Partner with Technical Design when considering cost engineering or vendor costing options for best value and quality

## KOHL'S DESIGN

Responsible for designing into Line Assortment Plan and finding new style offerings to energize the customer and offer compelling product both online and in store to drive traffic.

- Own & share the aesthetics of the style.
- Drive and align evolutionary fit changes at Benchmark meeting.
- Articulate if style is fashion, core or franchise at Style Development Handoff.
- Provide reference information/original samples and expectations at Style Development handoff to build fit consistency

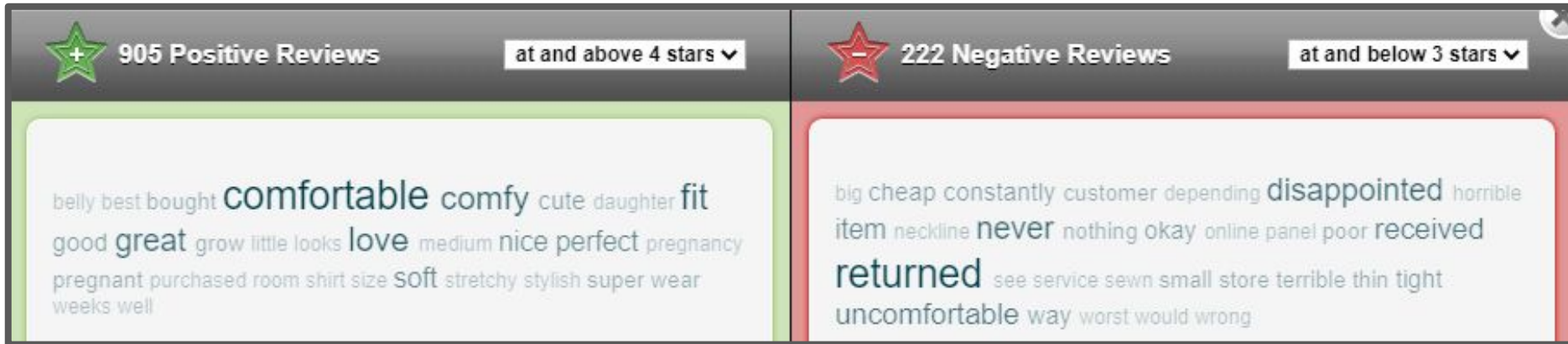
## KOHL'S QUALITY ASSURANCE & PRODUCT INTEGRITY

Elevate and validate quality and consistency of Proprietary Brands. Leverage the voice of the customer and selling performance to validate effectiveness of QA/PI key initiatives.

- Quality & Fit KPI Scorecard & Supplier Summaries
- Factory Technical Audits
- Product Regulatory & Safety Requirements
- Material & Product Testing
- Product Inspections / Inspectorio
- Quarterly Store Audit
- Quality Review Process (QRP)
- Chemical Management: Maintain & enforce both Product- Restricted Substance List (RSL) & Facility-Manufacturing Restricted Substance Lists (MRSL) to ensure environmentally safe & healthy products for our suppliers and customers

# WHY IS FIT CONSISTENCY IMPORTANT?

## Example of Customer comment keyword summary from Ratings & Reviews



### Customers Expect Consistency

*Consistency is adherence to uniformity*

**Where does our customer expect to find Consistency?**

- Size
- Brand
- Style
- Fabric
- Color

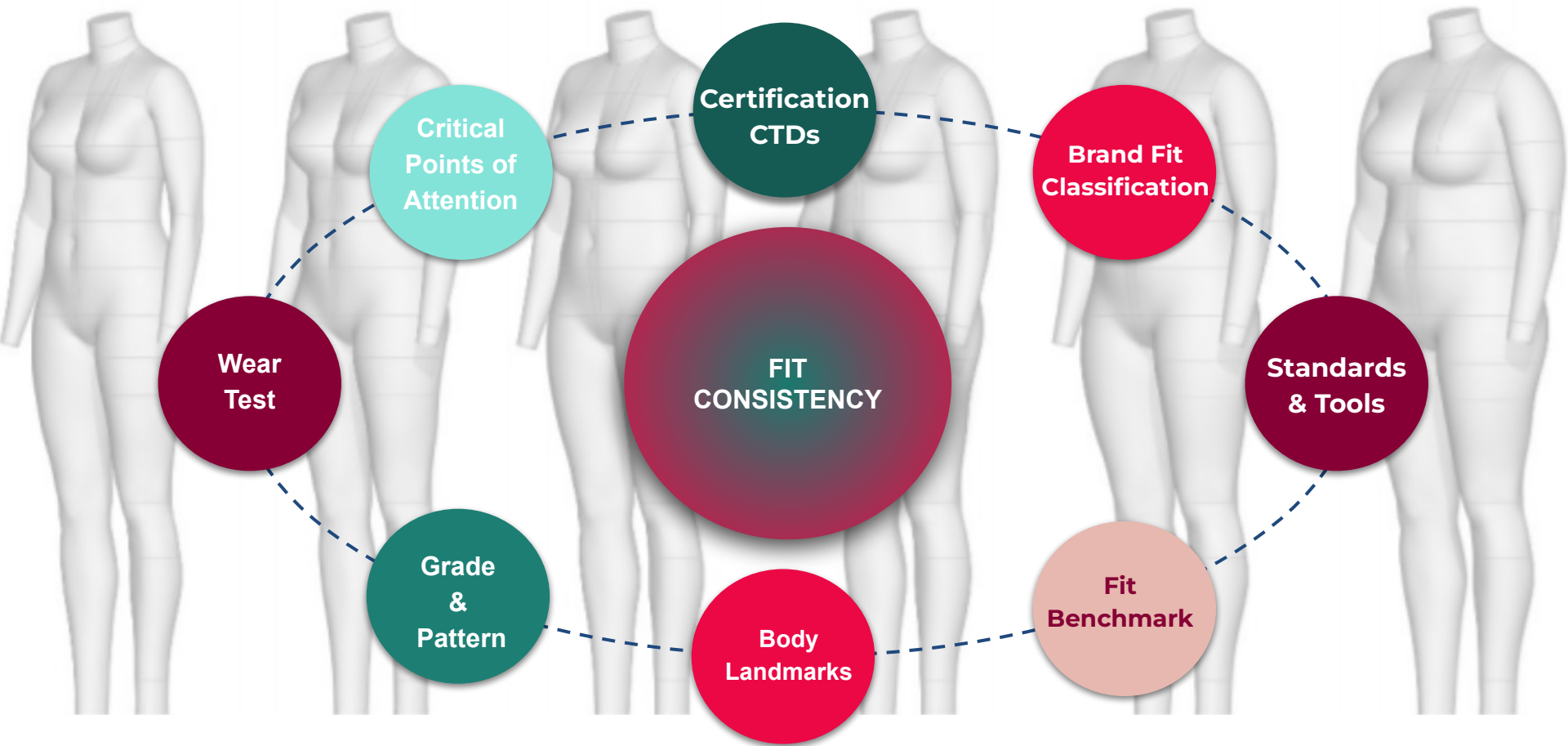
### Customers Want Reliability

*Reliability is the ability to depend upon or trust*

**Why does our customer want to rely or trust our product?**

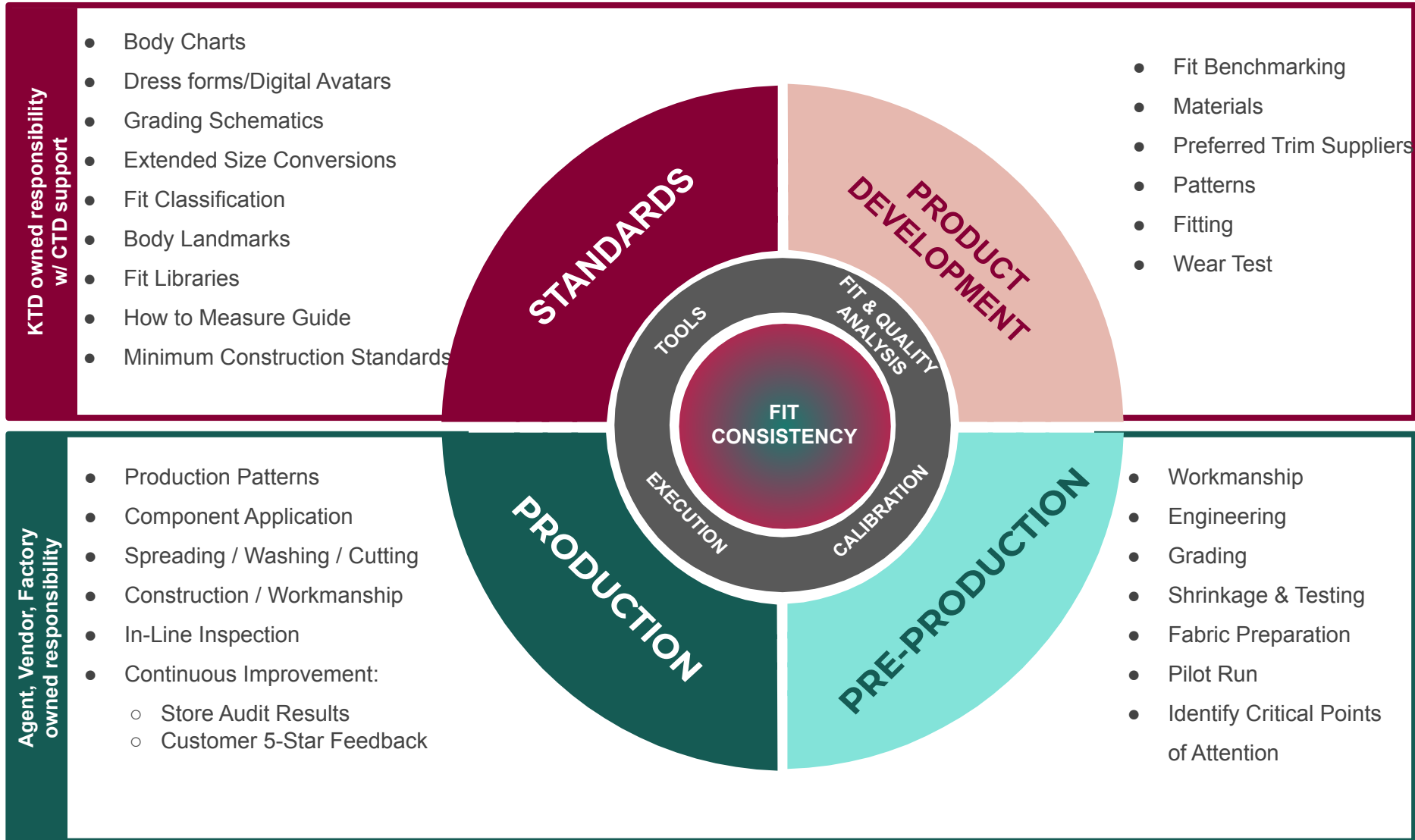
- Repeat Purchases
- Higher Quality
- Product Performance
- Value

# WHAT DRIVES FIT CONSISTENCY?



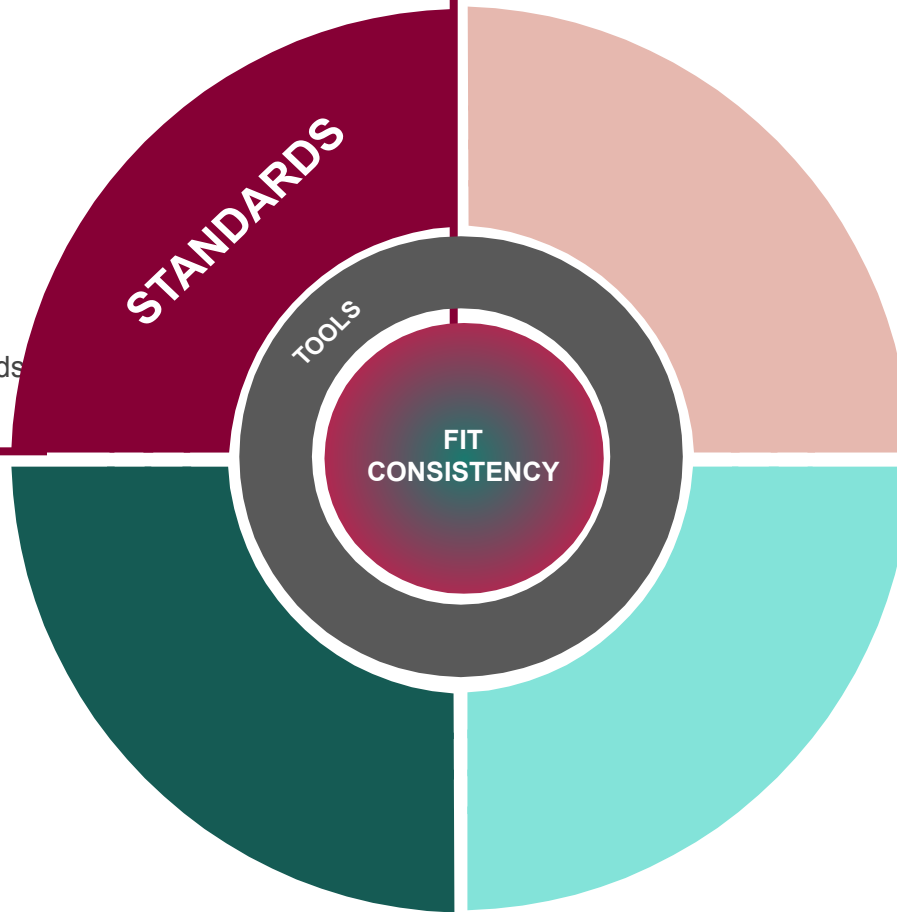
# WHAT DRIVES FIT CONSISTENCY?

The Kohl's Technical Design Team sets standards and leads the Development Cycle. Consistency must be upheld at Agent, Vendor, & Factory to reach the Customer.



# WHAT DRIVES FIT CONSISTENCY?

- Body Charts
- Dress forms/Digital Avatars
- Grading Schematics
- Extended Size Conversions
- Fit Classification
- Body Landmarks
- Fit Libraries
- How to Measure Guide
- Minimum Construction Standards





# STANDARDS: BODY CHARTS/DRESS FORM

**SUPPORTS FIT CONSISTENCY:** Enables Technical Design to maintain consistent fit standards, and is used to review garment fit, balance, and pattern shaping.

Graded Body Charts by size range and brand can be referenced on K-Link.

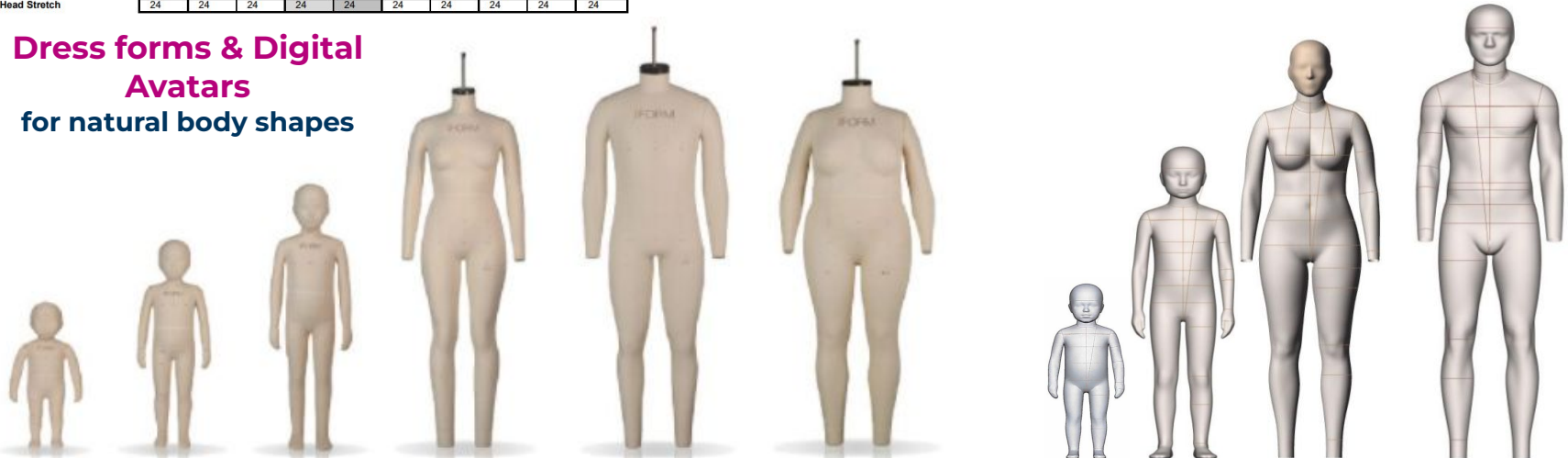
KOHL'S BRAND GRADED BODY MEASUREMENTS: Womens Regular: 8/10 = Medium

Brands: All Private and Exclusive Brands Except Croft & Barrow										
SIZE (inches)	(XS) 2	4	(S) 6	(M) 8 10		(L) 12 14		(XL) 16 18		XXL 20
Height Range	5'4 - 5'8"									
Neck at Base Circumference	14	14 1/4	14 1/2	14 5/8	15	15 3/8	15 3/4	16 1/8	16 3/8	16 7/8
Bust Circumference	33 1/2	34 1/2	35 1/2	36 1/2	37 1/2	39	40 1/2	42	44	46
UnderBust (Rib Cage) Circumference	26 3/4	27 3/4	28 3/4	29 1/2	30 3/4	32 1/4	33 3/4	35 1/4	37 1/4	39 1/4
Waist Circumference	26	27	28	29	30	31 1/2	33	34 1/2	36 1/2	38 1/2
High Hip Circ. 4" down fm waist	31 3/4	32 3/4	33 3/4	34 3/4	35 3/4	37 1/4	38 3/4	40 1/4	42 1/4	44 1/4
Low Hip Circ. 8" down fm waist	36 1/2	37 1/2	38 1/2	39 1/2	40 1/2	42	43 1/2	45	47	49
Thigh Circumference @ 1" fm crotch	20 1/2	21 1/4	22	22 3/4	23 1/2	24 1/2	25 1/2	26 1/2	27 3/4	29
Knee Circumference thru ctr of cap	13	13 3/8	13 3/4	14 1/8	14 1/2	15	15 1/2	16	16 1/2	17
Calf Circumference @ widest point	13	13 3/8	13 3/4	14 1/4	14 1/2	15	15 1/2	16	16 1/2	17
Ankle Circumference at bone	8 1/4	8 1/2	8 3/4	9	9 1/4	9 1/2	9 3/4	10	10 1/4	10 1/2
Total Rise Length	26 1/2	26 3/4	27	27 1/4	27 3/8	27 1/2	27 3/4	28	28 3/8	28 7/8
Total Torso Length @ HPS	-	-	-	-60 3/8	-60 3/4	-61 1/4	-	-	-	-
Center Front Waist Length	12 5/8	12 7/8	13 1/8	13 5/8	13 5/8	13 3/4	14 1/8	14 3/8	14 5/8	14 7/8
Center Back Waist Length	14 1/4	14 1/2	14 3/4	15 1/4	15 1/4	15 1/2	15 3/4	16	16 1/4	16 1/2
Across-Shoulder Width	15	15 1/4	15 1/2	15 3/4	16	16 3/8	16 3/4	17 1/8	17 3/8	17 5/8
CB Sleeve Length to Wrist bone	30 1/2	30 3/4	31	31 1/4	31 1/2	31 3/4	32	32 3/8	32 5/8	32 3/4
Muscle/Upper-Arm Circumference	10 3/8	11	11 1/4	11 3/8	11 7/8	12 1/2	12 7/8	13 3/8	14 1/8	14 7/8
Forearm Circ. @ 6" above wrist bone	8 1/4	8 1/2	8 3/4	9	9 3/8	9 5/8	10	10 1/4	10 1/2	11
Wrist Circumference @ bone	5 1/8	5 3/8	5 5/8	6	6 1/8	6 3/8	6 5/8	6 7/8	7 1/8	7 3/8
Inseam	31	31	31	31	31	31	31	31	31	31
Minimum Head Stretch	24	24	24	24	24	24	24	24	24	24

Kohl's Private & Exclusive Brands use a specific Core Fit Size with matching Kohl's Dress forms for the **FIT & SIZE** standard. These dress forms have matching digital avatars and have been developed based on natural scanned body shapes that represent a cross-section of the U.S. Population data scans.

See The TD Toolbox - Dressform, Fit Model, & 3D Digital Avatar for Maintaining Fit Consistency Using these Tools

**Dress forms & Digital Avatars**  
for natural body shapes



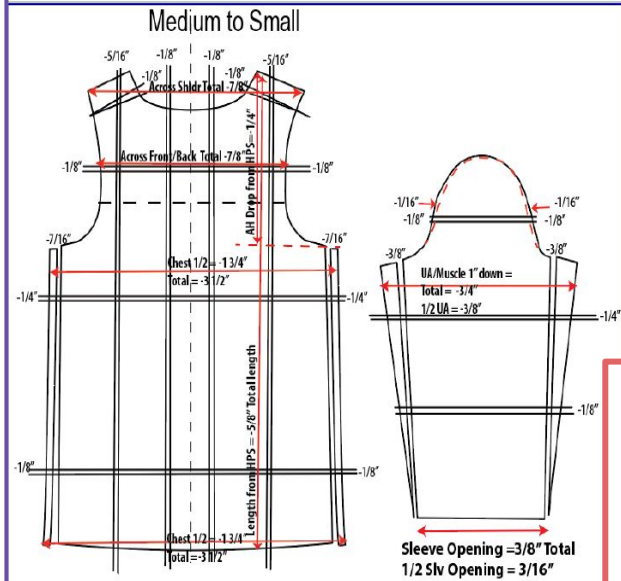


# STANDARDS: GRADING SCHEMATICS

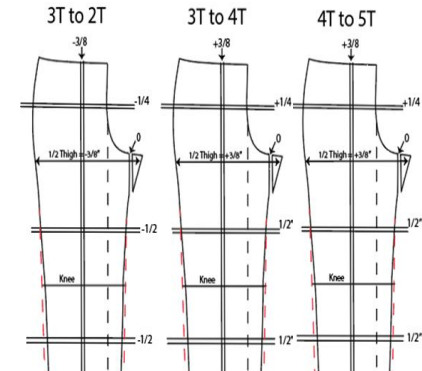
**Grading Schematics:** Provide sizing consistency across core silhouettes and between different vendors and factories for Costing / Production

## MEN'S 3" ALPHA GRADE SCHEMATICS

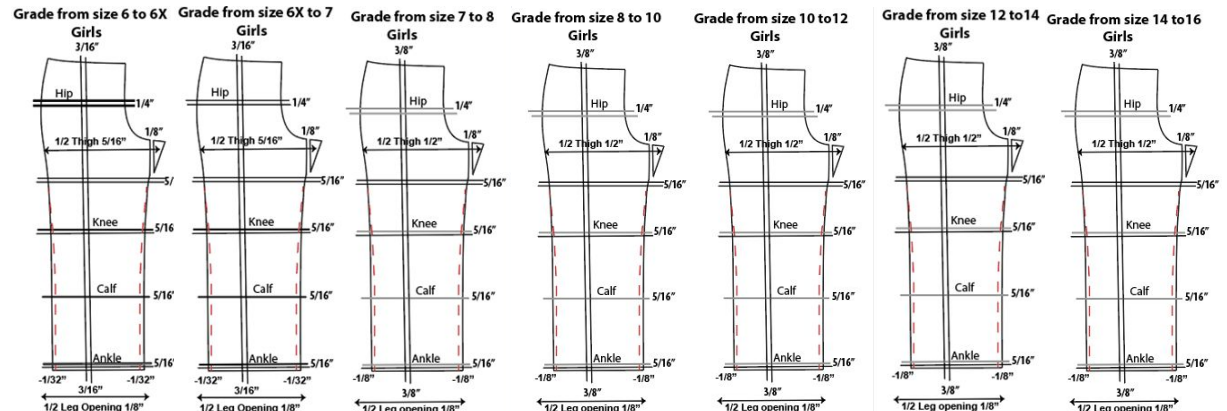
GRADE DOWN FROM SIZE MEDIUM – TOPS ALPHA



Convert to 3T for toddler sizes:



## Grading from sz 6 for kids:



# STANDARDS: EXTENDED SIZE CONVERSIONS

EXTENDED SIZE PROCESS & CONVERSIONS Drives Fit Consistency between Regular and Extended Sizes.

MANAGING STYLE COMPLEXITY discusses the process and timing for developing extended sizes based on the approved Regular fit.

## Dress form: Women's Regular (Missy), Petite, Curvy

### Regular (Missy)

Size 8: KOS-WMS0008-1509  
Size 10: KOS-WMS0010-1509  
Size 12: KOS-WMS0012-1604



### Missy Petite

Size 8: KOS-WPT0008-1604  
Size 10: KOS-WPT0010-1604  
Size 12: KOS-WPT0012-1604



### Missy Curvy

Size 8: KOS-WMS08FC-1604  
Size 10: KOS-WMS10FC-1903 (*digital only*)  
Size 12: KOS-WMS12FC-1903 (*digital only*)



### Petite Curvy

Size 8: KOS-WPT08FC-1604  
Size 10: *Not Available*  
Size 12: *Not available*



\* Base (fitting) size may vary between 8, 10, or 12 - depending on the brand, see [Kohls Dress form Chart](#)

# STANDARDS: WOMEN'S & JUNIOR'S FIT CLASSIFICATION

Brand Fit Classifications are aligned by body ease/proportion  
**REG & PETITE SIZE RANGE**

**CLASSIC**

Croft & Barrow



Brand with most ease\*  
10/12 = M

**MODERN CASUAL** **CONTEMPORARY** **ACTIVE**

SONOMA LC LAUREN CONRAD  
GOODS FOR LIFE  
+CURVY

SIMPLY VERA NINE WEST  
VERAWANG

TEK GEAR FLX





Brands with moderate ease\*  
8/10 = M

Each brand has various fit offerings.  
8/10 = M

**JUNIOR**




Brand with less ease\*  
7/9 = M  
Jr's Dress form

\*ease = amount of extra fabric built into the fit

# STANDARDS: WOMEN'S & JUNIOR'S FIT CLASSIFICATION

Brand Fit Classifications are aligned by body ease/proportion  
**PLUS SIZE RANGE**

**CLASSIC**







Brand with most ease\*  
sz 18W = 1X

**MODERN CASUAL**      **CONTEMPORARY**      **ACTIVE**

**SONOMA** LC LAUREN CONRAD SIMPLY VERA VERAWANG NINE WEST **TE** **FLX**  
GOODS FOR LIFE

**CURVY & STRAIGHT**

**TEK GEAR**

Brands with moderate ease\*  
sz 18W = 1X

Each brand has various fit offerings.\*  
sz 18W = 1X

**JUNIOR**










Brand with less ease\*  
sz 18P = 1X  
Jr's Plus Dress form

\*ease = amount of extra fabric built into the fit



# STANDARDS: MEN'S FIT CLASSIFICATION

## REG & TALL and BIG MAN SIZE RANGE

DRESS SHIRTS/SUITING	SPORTSWEAR		ACTIVE	BIG MAN
<p data-bbox="247 361 401 411"><b>APT.9</b></p> 	<p data-bbox="614 361 799 415"><b>SONOMA</b> GOODS FOR LIFE</p> 	<p data-bbox="933 358 1116 415"> <b>FLX</b></p> 	<p data-bbox="1251 372 1412 401"><b>TEK GEAR</b></p> 	

Each brand has various fit offerings.  
40 Chest/34 Waist=M

Brand ease\* will follow  
Men's Brands  
52 Chest/53 Waist= 2XB

# STANDARDS: KID'S FIT CLASSIFICATION

Brand Fit Classifications are aligned by Size Range

NEWBORN- 12 Boys & Girls

jumping  
beans®



Disney

jumping  
beans®



Little Co.  
by Lauren Conrad



7-20 Girls

SO  
Authentic  
style  
for life.



7-20 Girls/ Boys  
+Gender neutral

TEK  
TEK GEAR™



8-20 Boys

SONOMA  
GOODS FOR LIFE



Jumping Beans Baby  
NB - 24M

Jumping Beans Toddler  
12M, 18M, 2T- 5T

Jumping Beans Little Kids  
4-12Y

Little Co. NB - 12Y

SO + TG Big Girls 7-20

Sonoma + TG Big Boys 8-20

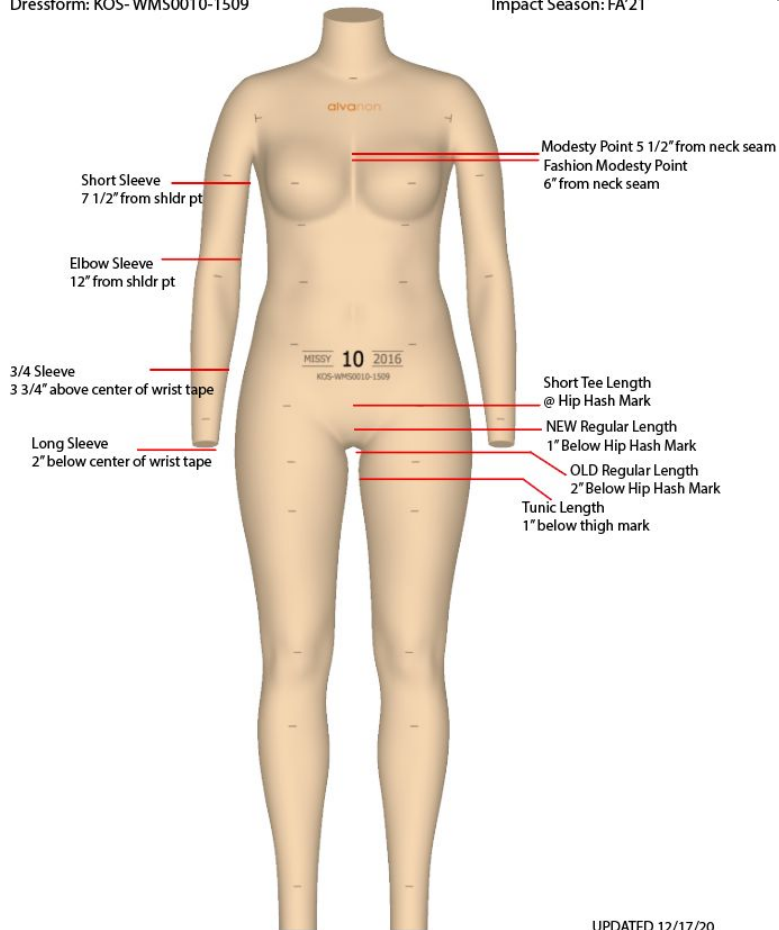
# STANDARDS: BODY LANDMARKS

KTD's establish **BODY LANDMARKS** specific to each brand and category to maintain fit consistency. For Tops, Body landmarks are transposed onto bottoms for live model to wear with the top which is an effective method in fit sessions since live model isn't marked.

**Body Landmark guides** are included with the [Brand Fit Libraries](#) in OnePLM.

Sonoma Missy Size 10 Landmarks  
Dressform: KOS- WMS0010-1509

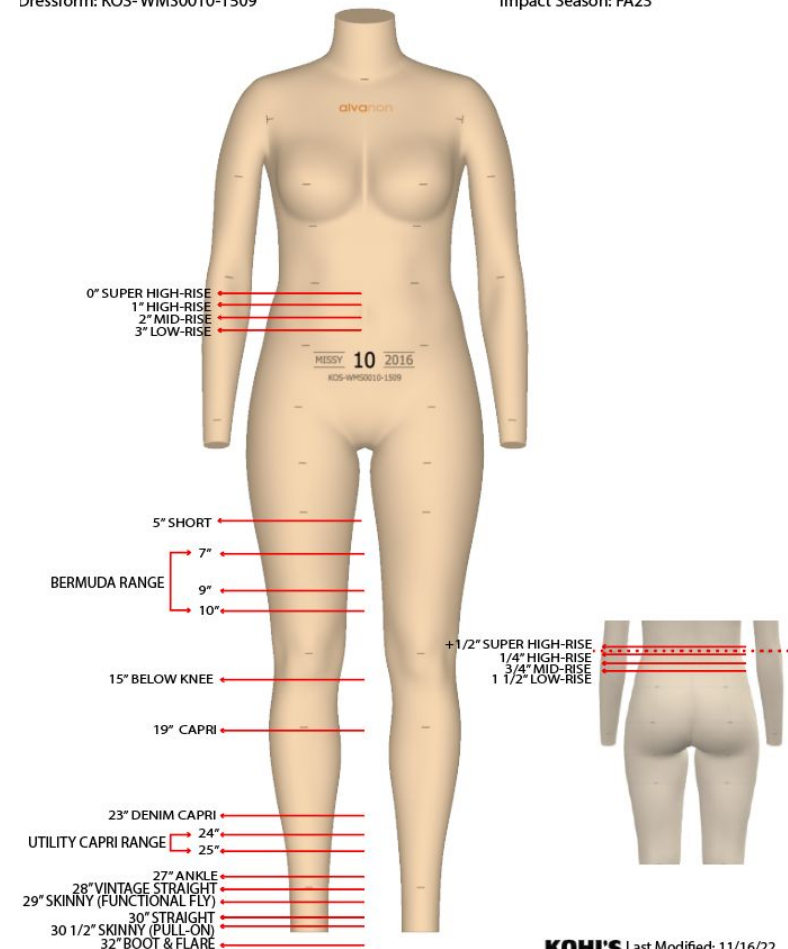
Category: All Tops  
Impact Season: FA'21



UPDATED 12/17/20

Sonoma Missy Size 10 Landmarks  
Dressform: KOS- WMS0010-1509

Category: Woven Bottoms  
Impact Season: FA23



KOHL'S Last Modified: 11/16/22

# STANDARDS: BODY LANDMARKS

**SUPPORTS FIT CONSISTENCY:** Each fabrication should align to the same Body Landmark regardless of spec measurement used. Fabric elongation and drape are taken into account when aligning to a body landmark vs relying on a spec measurement.



\*Using the same measurement will equate to different lengths when worn.

longest length

Spec - HPS 26"  
On body = + $\frac{3}{8}$ "

Spec - HPS 26"  
On body = + $1\frac{3}{4}$ "






Spec - HPS 26"  
On body = + $1\frac{3}{8}$ "



# STANDARDS: FIT LIBRARIES

## SUPPORTS FIT CONSISTENCY:


- Provides a Brand fit summary as an output of the Brand Fit Benchmarking and previous season **Core/Franchise Style Fit** approvals that are based on the **Brand Fit Classification**.
- Reference tool for new style development for vendor owned design styles in collaboration with Kohl's Design.
- Contains both **spec reference chart w/ style images** as well as **reference patterns**.
- Updated seasonally as new fits are approved/added to the Brand.
- Reference [Brand Fit Library Index](#) to search for Fit Library in OnePLM.
- Always reference current OnePLM POM page for measurement specs, even for carryovers. If you have concerns with discrepancies - ask your KTD for clarification.

		<b>Example</b> Spring 16 Misses Apt 9 Woven Tops - FitKeys				
Silhouette		Cami	Tank	SS Tee	Soft Blouse	Structured Shirt
Product						
Brand (Size)		Medium (8/10)	Medium (8/10)	Medium (8/10)	Medium (8/10)	Medium (8/10)
Fabric Content		100% Poly Georgette	100% Poly Georgette	100% Poly Georgette	100% Poly Georgette	62% Cotton/34% Poly/4% Span
Fabric Weight		110gsm	110gsm	110gsm	114gsm	125gsm
SPEC		Measured	Measured	Measured	Measured	Measured
Points of Measure	HPS Length	25 1/2	27	27 1/2	27 1/2"/29" (at back)	27 3/4"
	Across Shoulder		1 5/8" (strap width)	15"	15"	15 1/2"
	Chest	37	39"	41 1/2	43"	40 1/4"
	Waist				41"	35 1/4"
	Sweep	62	43	41	43 1/2"	41 3/4"
	Sleeve Length			14 1/2	31 3/4"	32"

# STANDARDS: HOW TO MEASURE GUIDE

## SUPPORTS FIT CONSISTENCY:

- **Kohl's How To Measure Guide:** Provides consistent garment measurement method of critical and non-critical **Points of Measurement (POM)** between Kohl's TDs and Vendor for style development and production execution.
- POM code reference for measurement location on body. Use for selecting the correct inseam length, sleeve length, dress lengths or hem opening POM grading options. Critical in Children's since body heights are changing from size to size and grading must be adjusted depending on the location of the hem or seam on the body.

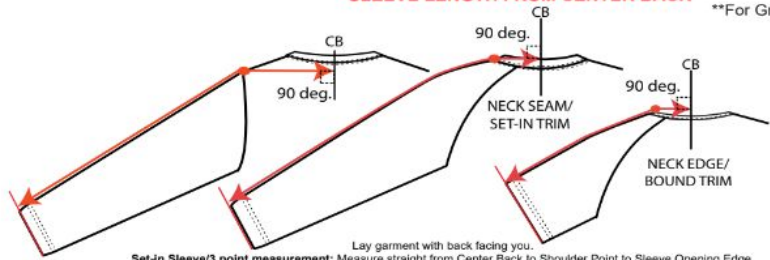


### HOW TO MEASURE GUIDE

FOR PRIVATE & EXCLUSIVE BRAND APPAREL

**POM A360 - POM A360 NG (No Grade)**  
**POM A360-1B (Short Sleeve) - 2E (Elbow) - 3F (3/4 Sleeve) - 4W (Long Sleeve)**  
**POM A360-1SSW (Short Sleeve) - 3FSW (3/4 Sleeve) - 4LSW (Long Sleeve)**  
**POM A360-1TB (Tall - Short Sleeve) - 4TW (Tall - Long Sleeve)**

SLEEVE LENGTH FROM CENTER BACK



**\*\*For Grade Variation Reference Only\*\***

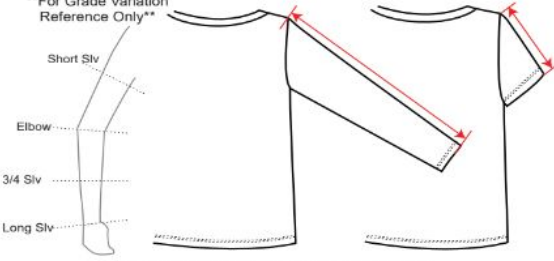
Short Slv  
Elbow  
3/4 Slv  
Long Slv

**Set-in Sleeve/3 point measurement:** Lay garment with back facing you. Measure straight from Center Back to Shoulder Point to Sleeve Opening Edge.  
**Raglan Sleeve:** Measure 1/2 Neck width, Start measurement at Center Back to High Point Shoulder following shoulder line or contour of sleeve along fold line to sleeve opening

---

**POM A362 - 1B (Short Sleeve) - 2E (Elbow) - 3F (3/4 Sleeve) - 4W (Long Sleeve)**  
**POM A362 - 1BSW (Short Sleeve) - 3FSW (3/4 Sleeve) - 4WSW (Long Sleeve)**

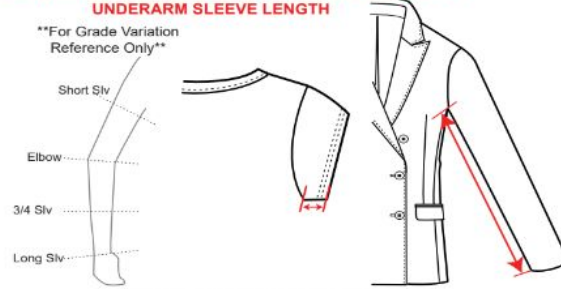
SLEEVE LENGTH FROM SHOULDER POINT TO SLEEVE OPENING



**\*\*For Grade Variation Reference Only\*\***  
 Short Slv  
Elbow  
3/4 Slv  
Long Slv  
Measure straight from shoulder point to sleeve opening edge

**POM A363 - 1B (Short Sleeve)**  
**POM A363 - MLG (Men's Long) - MRG (Men's Regular) -**  
**POM A363 - MSG (Men's Short- MXLG (Men's Extra Long)**

UNDERARM SLEEVE LENGTH



**\*\*For Grade Variation Reference Only\*\***  
 Short Slv  
Elbow  
3/4 Slv  
Long Slv  
Measure straight from underarm point to sleeve opening edge

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## SUPPORTS FIT CONSISTENCY:

- [Kohl's Minimum Construction Standards](#): Provide consistent garment construction methods that ensure quality and execution between multiple styles, product categories, vendors, and factories.
- Construction methods can impact fit consistency in the application of reinforcements and stabilizers in seams, armholes, necklines.



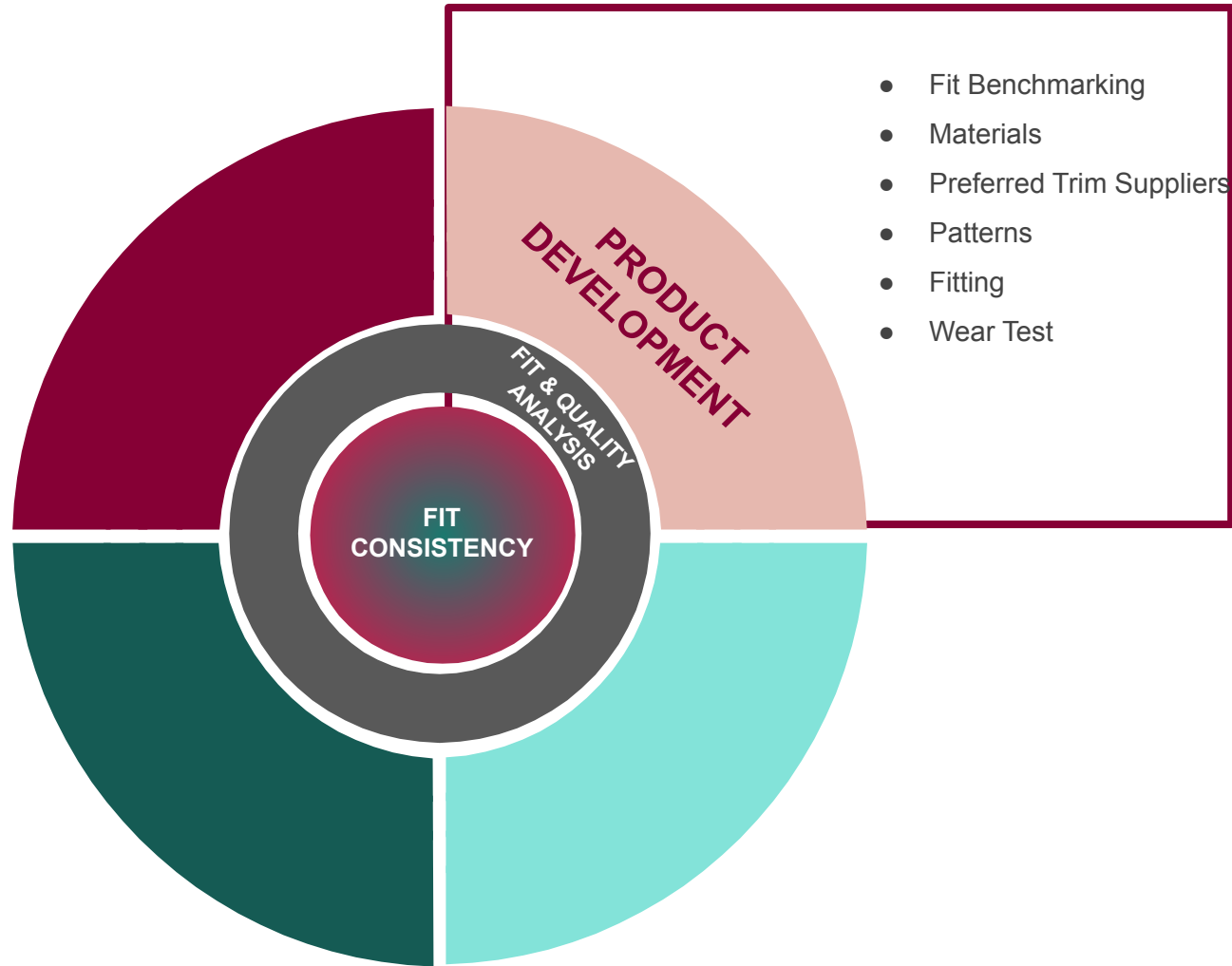
**KOHL'S** MINIMUM CONSTRUCTION STANDARDS  
PRIVATE & EXCLUSIVE BRANDS APPAREL

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# WHAT DRIVES FIT CONSISTENCY?





# PRODUCT DEVELOPMENT: FIT BENCHMARK

**SUPPORTS FIT CONSISTENCY:** Aligns Kohl's TD, Design, & Vendor on Fit Expectations based on the competitive market.

## WOMEN'S SONOMA BTS23 BENCHMARK - WOVEN TOPS

Sonoma  
Medium

Madewell  
Medium

Walmart  
Medium

Old Navy  
Medium

Target  
Medium

Target  
Medium

Sonoma  
Medium

Anthropologie  
Medium



Star Rating: 4.1

Star Rating: N/A

Star Rating: 4.6

Star Rating: 4.4

Star Rating: 4.4

Star Rating: 5

Star Rating: N/A

Star Rating: 5

Landmark: ½"  
below Old Reg  
Length

Landmark: ¼"  
below Old Reg  
Length

Landmark: Old Reg  
Length

Landmark: ¼"  
below Old Reg  
Length

Landmark: New  
Reg Length

Landmark: ½"  
Above Tunic

Landmark: 1"  
below Old Reg  
Length

Landmark: ½"  
Below Tunic

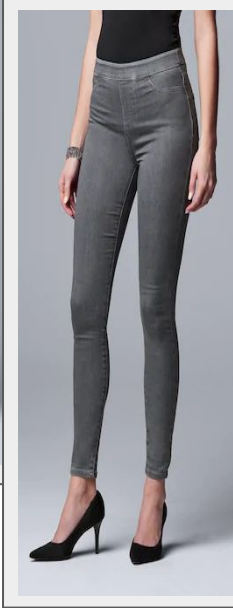
- Fit Benchmark compares Kohl's fit vs Competitive Brands
- Conducted seasonally by brand & category
- KTD evaluates fit, trend, aesthetics, fabrication and customer feedback

**Fit Benchmark Outputs:** May require updates to Brand Fit Library and Body Landmark charts

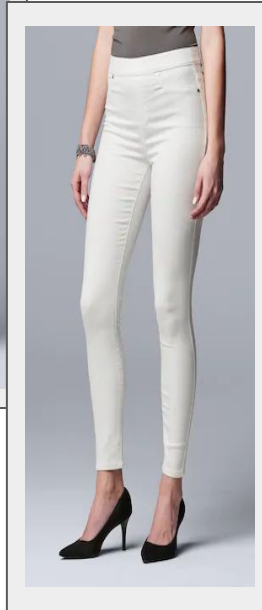
# PRODUCT DEVELOPMENT: MATERIAL ANALYSIS



To the Kohls Customer, these are all the same pair of Jeans even though the fiber content, stretch, fabric finish and wash vary between each denim fabrication.



The KTD/CTD has to analyze all the below to develop the rise spec/pattern shape that will give the customer a consistent fit experience regardless of the color ordered.



**MATH** - MEASUREMENTS CALCULATION

**GEOMETRY** - SHAPES, CURVES

**PHYSICS** - GRAVITY, DRAPABILITY,  
STRETCHABILITY




**CHEMISTRY** - WASH FORMULAS, FABRIC  
FINISHES

**TEXTILES** - FIBER CONTENT, WEAVE or KNIT

**SUPPORTS FIT CONSISTENCY:** Ensures when the customer orders the same garment in multiple fabrics, all fabrics feel the same.

**Skinny Denim Example:** the KTD fit approves the Medium Wash first to establish the fit intent of the style.

- ❑ The KTD/CTD team also fit/review the Black & White denim against the medium wash taking into account the fabric stretch and performance characteristics for fit consistency. KTD may need to review on Live model against the Medium wash for live model feedback on consistency.
- ❑ If measurement changes by fabrication are required to achieve fit consistency, KTD/CTD must be prepared to evaluate fit by fabrication whenever there is a change in fabric.

Fit Keys - Mu				
Silhouette		SKINNY		
Product				
Brand (Size)		8	8	8
Fabric Content		66 CTTN / 31 POL / 3 SPAN	82 CTTN / 16 POL / 2 SPAN	60 CTTN / 20 POL / 18 RAYON / 2 SPAN
Fabric Weight		7.5oz	9oz	9oz
SPEC		Measured	Measured	Measured
Points of Measure	Waist at top edge	31	31 1/2	32
	Hip	36	37 1/2	38
	Thigh	22	22 1/2	23
	Knee	14	14	14
	Leg Opening	10	10	10 1/4
	Inseam Length	31	31	31
	Front Rise	8 3/4	8 3/4	8 3/4
Back Rise	14 3/4	14 3/4	14 3/4	



- **KTD** is responsible for determining if multiple fabrics within a style will be consistent in drape, stretch and comfort.
- This fabric comparison can be done using a fabric swatch or a full garment at either the *Style Development Handoff* or at the *Adopted Style Handoff*.
- If fabric properties are new or unfamiliar, **KTD** may reach out to CTD for fabric testing or to leverage their expertise in evaluating before splitting the POM page

## *CTD Role in Evaluating Fabric\**

When KTD requests fit samples in multiple fabrications, CTD's can support KTD in evaluating the following prior to sending fit samples to Kohl's:

- Review both fabrications side by side on a form to confirm that the same fit aesthetic/body landmarks are being achieved with the same specs.
- If the same fit aesthetic is *not* being achieved, CTD should evaluate fabric and provide suggestions for spec adjustments to KTD.

- KTD will review suggestions and update TP to include the correct amount of POM/Fit Eval pages.

*\*For full process overview, see: [Managing Style Complexity - Multiple fabrications.](#)*





## CTD Role in Evaluating Trim

- **Functional Non-Aesthetic trims** such as Interlinings, Elastics, and Thread. **KTD** reviews for function, application, and execution in the garment. This includes appropriate weight, size, stiffness, recovery power, etc.
- **Functional Aesthetic Trims** such as zippers, snaps, buttons. These are submitted to **Design** for Aesthetic approval, but **KTD** will review function in physical fit sample and make recommendations to the design team if the trim size/application does not work for the garment.
- **Garment Main Label Execution** KTD will review the execution of the label attachment to make sure label is applied correctly and type of label specified does not cause any quality issues.

- Ensure that trim is sourced from a [Kohl's Preferred Trim Supplier](#) - see K-link for [Preferred Trim Supplier Matrix](#).
- Evaluate the trim functionality with the material, and proactively provide alternative options, mock-ups, or suggestions if specified trim does not function or execute well with the garment construction, fabric weight, etc.
- Review Garment Main Label Execution according to [Label Application and Execution Standards](#) and provide recommendations if there are concerns with ability to execute in production and maintain quality

**SUPPORTS FIT CONSISTENCY:** whenever possible, KTD will provide each style with a proven body/fit approved pattern to reference in the Costing Tech Specification. If styling is completely new, they will not include any pattern reference information.

The following topics are covered under [Pattern Application](#) on K-Link:

## PATTERN APPLICATION



### TOPICS



- Who should review Pattern Application Training [Page 3](#)
- Kohls Pattern Requirements [Page 4-6](#)
- Pattern Definitions: Net, Reference, & Block Patterns [Page 7-14](#)
- Where to find Patterns [Page 15-16](#)
- How to use Reference Patterns [Page 17-23](#)
- Guide for Reviewing patterns [Page 24-40](#)
- Applying Shrinkage [Page 41-45](#)
- Applying Grading & Size Variation Conversions [Page 46-48](#)
- Submitting Pattern & Grading questions [Page 49-53](#)
- Submitting Marker & YY Calculations [Page 54](#)
- Patternmaker Questions to ensure consistency [Page 55](#)
- Appendix A: Pattern Export/Import Settings [Page 56-60](#)

## [Vendor Pattern Attachment Naming Convention](#)

**SUPPORTS FIT CONSISTENCY:** Kohl's TD's use a consistent live fit model to evaluate fit comfort and consistency feedback as well as model and garment movement. Live Model **FITTINGS** are held at **standard fit times each week**.



## CTD FITTING SUPPORT:

- ❑ Verify weekly live model fit days with KTD. Plan to send the sample to arrive 1-2 days prior to the fitting to ensure the sample is included on the live model fit schedule. Live models are cancelled if there are not enough samples to fit.
- ❑ Notify KTD when the fit sample is sent and include the AWB/Tracking #. This gives KTD visibility of the fit sample and KTD can track sample to see if it will arrive in time for the fitting. Do not combine samples for multiple recipients in one package unless properly labeled, see [Communication Expectations](#) for best practices.
- ❑ Maintain fit sample turn time/due dates as noted in the [Kohls Fit Sample Policy](#), to allow for enough time to solve fit/construction issues as well as approving other extended sizes before Pre-Production approval deadline. If fit sample is not able to meet the deadline, email KTD with reason, expected sample date and or offer other alternatives such as reviewing correction in 3D if that is an option.
- ❑ Understand the **type of style** being reviewed and how it relates to **measurement consistency**:
  - ❑ **Core fits**, may require a more strict adherence to meeting requested specification, but fabrication changes may require spec adjustments for fabric elongation and drape.
  - ❑ **Fashion silhouettes** may have more flexibility for spec adjustment and spec suggestions may be needed.
  - ❑ **CTD should always note if measurement doesn't meet spec**, what their suggestion is for the next step based on the type of style being reviewed. If CTD is unsure if sample should be sent based on sample measurements, then ask the KTD for clarification.

## KTD FITTING PREPARATION:

**Goal:** Kohl's Technical Design team prepares for a fit session to confidently and efficiently run the fitting with the design team.



## Kohl's Technical Design:

- Preview samples on the dress form prior to the fitting (See [FIT ANALYSIS](#), next slide).
- Check critical measurements and construction.
- Review grading, confirm it is up to date and appropriate for the style.
- Review fit comments from previous fit sample to determine if requested corrections have been executed.
- Review current vendor comments or questions to address with the CFT during fitting.
- Organize samples & fit evaluations in order according to priority: 1<sup>st</sup> x-factory date & units.
- Review Fit Model measurements prior to the fit session. (re-measure model every 30 days).
- Bring fitting tools: camera, chalk, measuring tape, pins, masking tape, scissors.
- Bring previous fit sample to the fitting: For *Core/Franchise* item bring last fit or PP approval.
- Bring Body Landmark Chart, Benchmark recap (if applicable), and Product Costing recap for Counter Sample (for 1st fit sample fitting).
- Send out fit meeting invite to CFT with style #s and description prior to fitting.  
(ex: WAPR251002 - 1st fit Button Down Blouse)

## Kohl's Design:

- Bring inspirational samples to the fitting.



## FIT ANALYSIS:

- ❑ Refer to the **Standards/Tools**: Body charts, Dress form Chart, Body Landmark, Fit Classification, Fit Library specific to the Brand/category.
- ❑ Reference [GARMENT BALANCE](#) and [GARMENT FIT](#) training to analyze fit.
- ❑ Some **Garment Balance Issues** can not be noticed until garment is tried on a **live model** and the model **moves** in the garment.
  - ❑ All new fits should be analyzed on a live model at least once when confirming the fit.
  - ❑ The garment should adjust naturally to body movement without strain. When not moving, the garment should relax and return to its natural position, without clinging, binding, twisting, falling to the back or hiking up.
  - ❑ If garment adjusts out of balance after model movement, this may indicate a fit or pattern balance issue. If unsure if garment movement is due to model shape, then other live models can be used to verify if the fit issue is consistent.
- ❑ **KTD** should identify if there are any **corresponding garments** that the sample should be **fit with** and note in the Fit Evaluation under 'Fit With' field. Be sure to have these garments available if KTD has requested CTD review/photograph samples with those garments. Examples include:
  - ❑ Infant/Newborn - correct size diaper included on the dress form
  - ❑ Outerwear - may request to review sample over another layer
  - ❑ Bra/Foundation - Some styles may be reviewed with a Bra or foundation garment to verify foundation coverage
- ❑ Reference **How to Fit videos**:
  - [How to fit knit tops](#)
  - [How to fit woven shirts](#)
  - [How to fit Men's bottoms](#)

## KTD FITTING CHECKLIST:

**Goal:** Kohl's Technical Design team runs the fit session keeping the focus on delivering amazing product and fit consistency.

### Kohl's Technical Design:

- Introduce each style with style #, description, units, vendor Pre-Production deadline.
- Summarize sample execution from fit preparation analysis regarding fit, construction, and quality - noting concerns or improvements.
- Discuss all fit issues & vendor comments and offer pro-active solutions.
- Mention critical measurements out of tolerance if sample fit execution looks poor.

### Kohl's Design:

- Note any changes regarding in-store timing or information since previous fit/ hand-off.
- Address aesthetic fit intent, incorporate notes from Product Review (if applicable).
- Inform TD on how the garment is to be worn with other garments and store presentation expectations - ex buttoned placket, rolled sleeve or cuff.

### Kohl's Technical Design:

- Executes fitting with focus on product comfort, functionality/movement, & construction details.
- Express concern regarding any changes affecting a production-friendly execution or production timeline.
- Summarize fit changes and align on Design Aesthetic Approval for each style.
- Determine sample status and next steps to determine if Design Aesthetic can be approved via photo or must be seen on live model.
- Take photos or video that will add clarity for vendor on comfort, function, and movement on live model.

**NOTE:** Same style in a different fabrication should be reviewed by KTD (*or CTD if KTD has given authority*) with previously fit approved fabrication. Since Design intent is established on 1st fabrication, the other fabrications do not need to be reviewed with Design for Aesthetic approval.



## Objective

- Evaluate Fit and Comfort as it relates to Silhouette, Fabric, enhanced Construction, or grading evaluation
- Provide insights to Customer's perspective
- Elevate Quality and Consistency
- Improve Customer Satisfaction & Rating

## Approach

- Conducted seasonally or on an as needed basis
- May perform an in-office try on, or distribute samples for extended wash/ wear analysis
- Partner with PD/Design to focus on style evolution of core essentials; styles that are high volume or high visibility; styles that are being re-engineered from poor customer reviews, vendor change.
- Styles reviewed for: **Fit, Comfort, Styling, Fabric, Performance and Durability, or grading evaluation**

**Output** Verify customer satisfaction and/or next steps needed *prior to fabric commitment or fit approval*

### Tru-Sculpt Slim Straight Pant

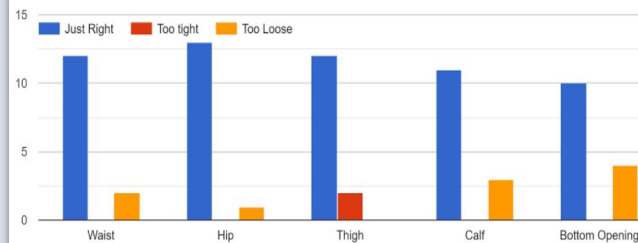
Confirm customer preference of fit & fabrication



#### Conclusion/Next Steps:

- Per the feedback from this wear test and the knowledge we have of our customer we feel we are in a good place to maintain fit with minor adjustments.
- TD action step- update the pocket for better functionality/ capacity (fit a phone)

SAMPLE: Please select the answer that best describes how the garment fit in each area for SAMPLE A only.

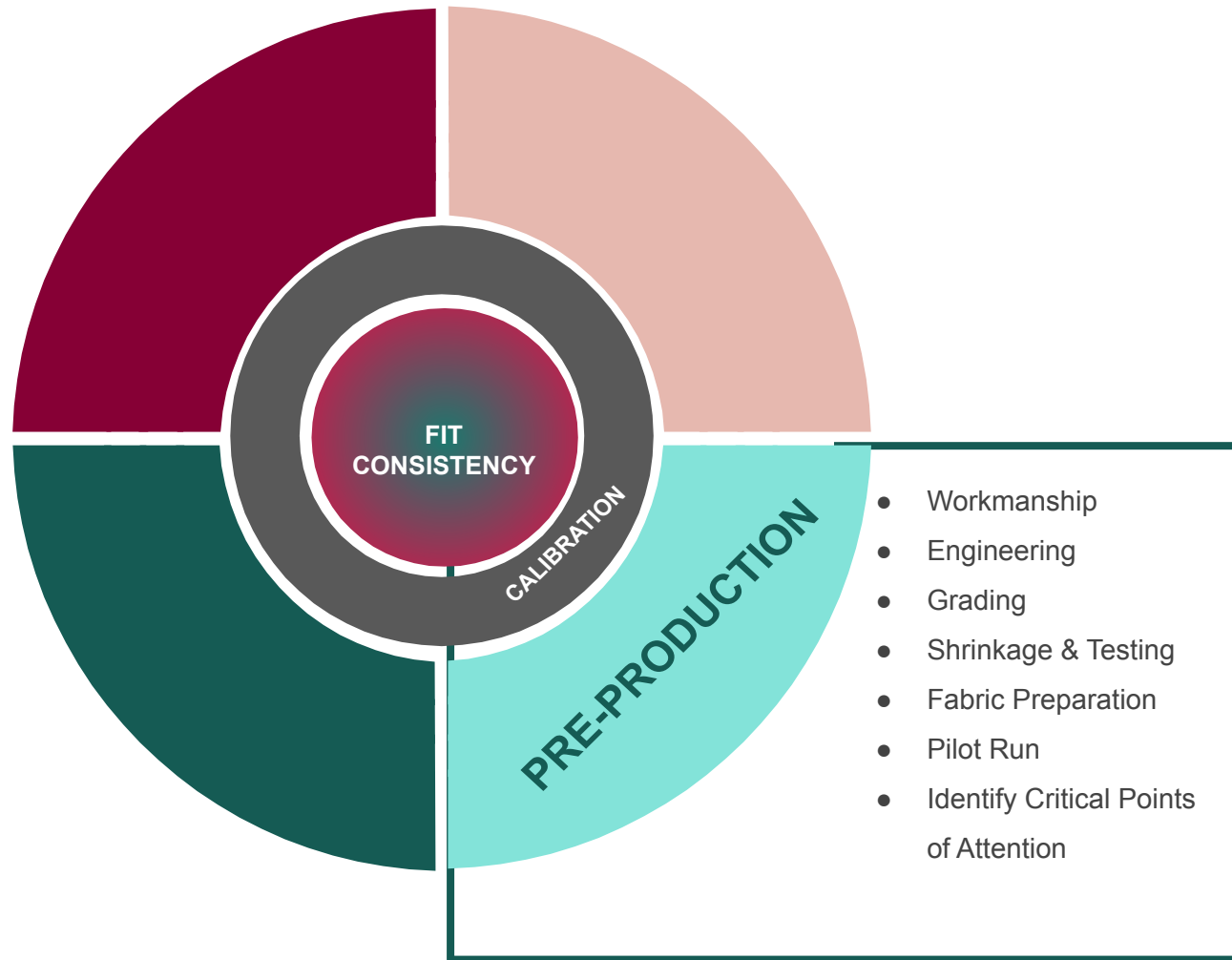


Overall Fit Rating: ★ ★ ★ ★ ☆

Did you like the fabric?



# WHAT DRIVES FIT CONSISTENCY?





**SUPPORTS FIT CONSISTENCY:** The PP meeting is an opportunity for CTD and Factory Technicians to exchange information, review the Pre-Production Sample together to clarify expectations and consistency between the PP sample and production.

## PP MEETING TOPICS:

- ❑ Review **Critical Points of Attention** to eliminate defects and drive consistency in production.
- ❑ Discuss fit and construction standards.
- ❑ Review sample on Dress Form - Compare PP approval with previous Fit approval and Fit approval comments.
- ❑ Align on in-process steps that could be challenging and where QA should perform In-Line Inspections.
- ❑ Review additional fabrications and determine there are concerns with fit consistency or if pattern adjustments may need to be made - especially for washed programs.
- ❑ Determine if follow-up Size Run or Pilot Run is needed prior to start of production due to challenging operations or fabrication handling concerns.



## PP Meeting: Discuss where is the Opportunity for Inconsistency?

### Points of Risk

---

- Missing / Not Using Kohl's Dress Form
- Improper Fabric Preparation
- Fit Approved Pattern Not Followed
- Changing Construction vs Approval Sample
- Washed Styles - Shrinkage Improperly Added to Pattern
- Multiple Fabric Choices in a Style
- Multiple Factories or sewing lines in different locations
- Machinery Not Regularly checked and Calibrated
- Missing Critical Points of Attention
- Not Following Kohl's Measuring Methods

### Opportunities

---

- Compare: Fit Approval to PP Approval
- Compare: PP Approval to Top of Production
- Calibrating with CTD at Start of Production
- Thorough Verification at Start of Production, Identifying Issues, Adjusting & Correcting for Balance of Order
- Checking Symmetry in-line
- Verifying Accuracy of Execution by each Operator in line
- Using in-line Measuring & Templates
- Executing within Tolerance
- Analyzing production execution for continuous Improvement

## Addressing Points of Risk in Production

What can the Factory do to drive consistency before starting production?



- ❑ Sew a full size pilot run to **verify grading** is consistent with the tech pack
- ❑ **Verify** that there is consistency from **Fit Approval to PP sample to Pilot and/or Production**
  - ❑ **Validate consistency** between all samples **on dress form**
- ❑ **Verify** that **each fabrication** within a style has the correct pattern for accurate fit and comfort BEFORE cutting
- ❑ **Verify shrinkage** on the bulk goods, grouping like bolts together and adjusting shrinkage for each “group”
- ❑ Post **Critical Points of Attention (CPA)** for each Sewing Line and inspection site
- ❑ **Provide QA the CPAs** in addition to the measurements when auditing at the end of line
- ❑ Ask **QA to inspect** at CPA and Key Measurement, esp. Children’s Safety critical measurements

**FIT CONSISTENCY GOAL:** Identify potential areas of concern on the garment that can be impacted by cutting, sewing, operator handling and affect the overall fit of the garment; from size to size, between different fabrications, or different factory sewing lines.

The **Critical Points of Attention** or 'CPA' are identified by both KTD and CTD during the development stage and documented at PP stage to assist the factory in identifying and mitigating production issues that could cause fit variation. For full process description, see [Critical Points of Attention Expectations](#).

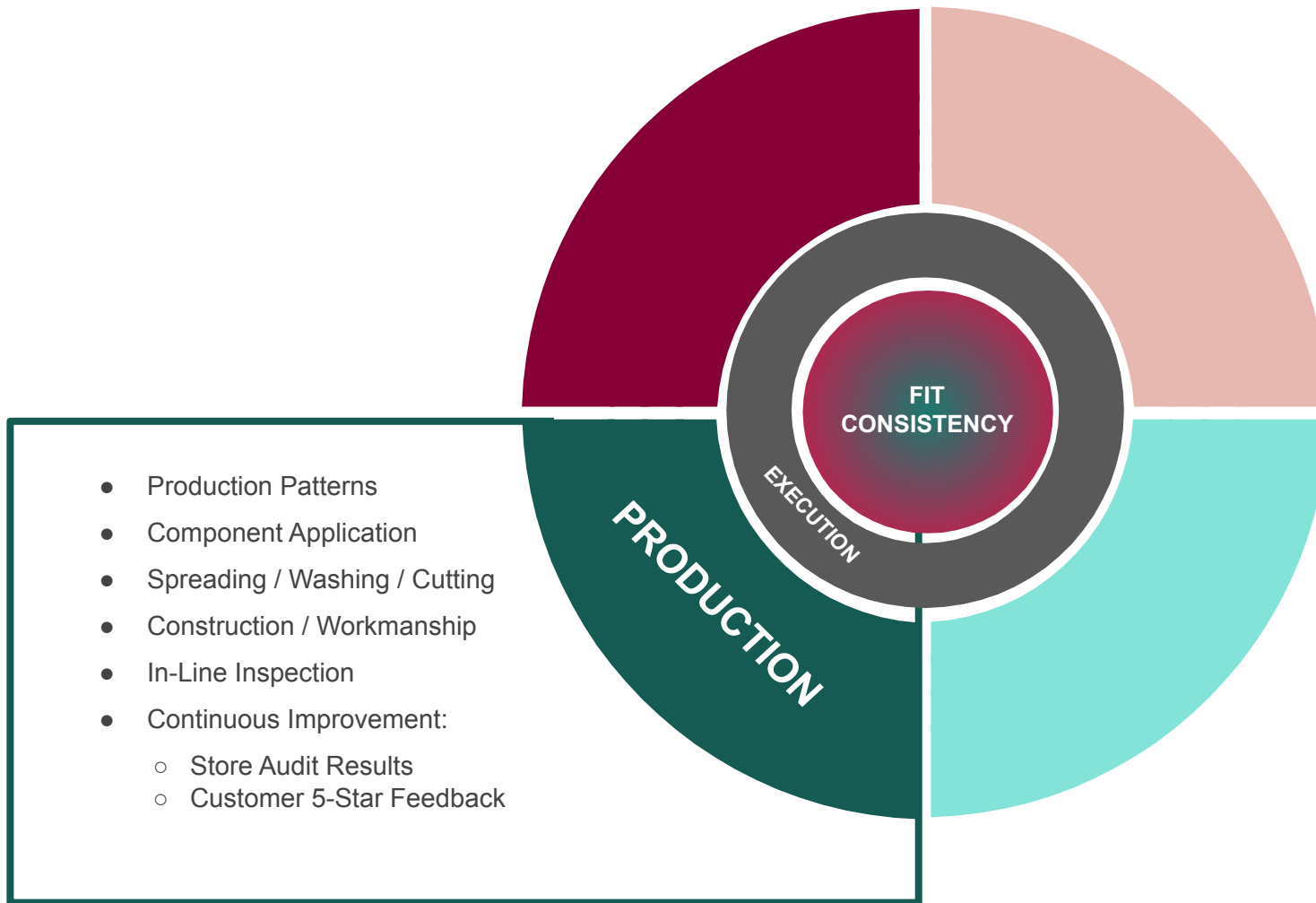
Sort	Attachment No	Attachment Type	Description
<input type="checkbox"/>	1	IMAGE	DESIGN SKETCH FRONT/ BACK
<input type="checkbox"/>	2	IMAGE	

### Critical Points of Attention

End Line Inspector Should Follow Below Points:

1. Use template for each size as guidance for pressing
  - a. Do not stretch or distort shape during pressing
2. Fold garment in half to check symmetry after ironing:
  - a. Check armhole symmetry left to right
  - b. Check shoulder width & shoulder slope symmetry left to right

# WHAT COULD GO WRONG?





## Verify Production Execution of Multiple Fabrications including CPA and Label Execution pages

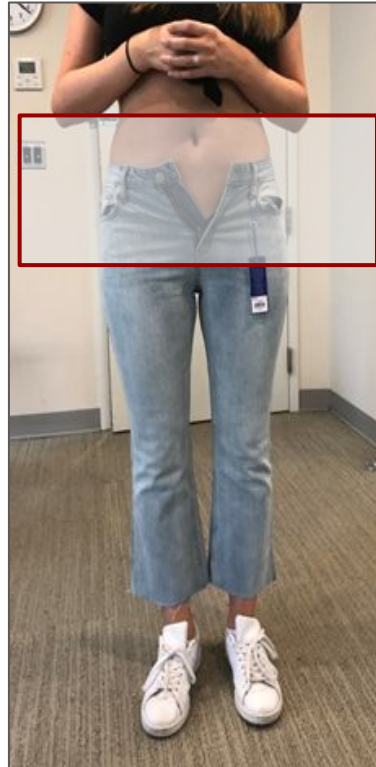
This style owned and developed by Vendor. Vendor used same specs for all fabrications/ wash without verifying fit.

**RESULTS:** inconsistent fit for each fabrication, poor customer ratings.

**Core Denim  
Fit as Expected**



**Too Stiff  
Low Stretch**



**Different Aesthetics  
High Stretch**



## Verify Production Execution Consistency w/ PP/Fit Approvals

-including CPA and Label Execution pages

### SYMMETRY ISSUES

- Neckline symmetry
- Label placement crooked and off-center

### APPROVAL



### PRODUCTION





## Verify Production Execution Consistency w/ PP/Fit Approvals

-including CPA and Label Execution pages

### MEASUREMENT & FIT ISSUES

- Waist and Hip, Out of tolerance due to improper shrinkage calculation for wash
- Too big- Falls off fit form/body



PRODUCTION

APPROVAL

PRODUCTION

APPROVAL



# PRODUCTION: EXECUTION

## Verify Production Execution Consistency w/ PP/Fit Approvals -including CPA and Label Execution pages

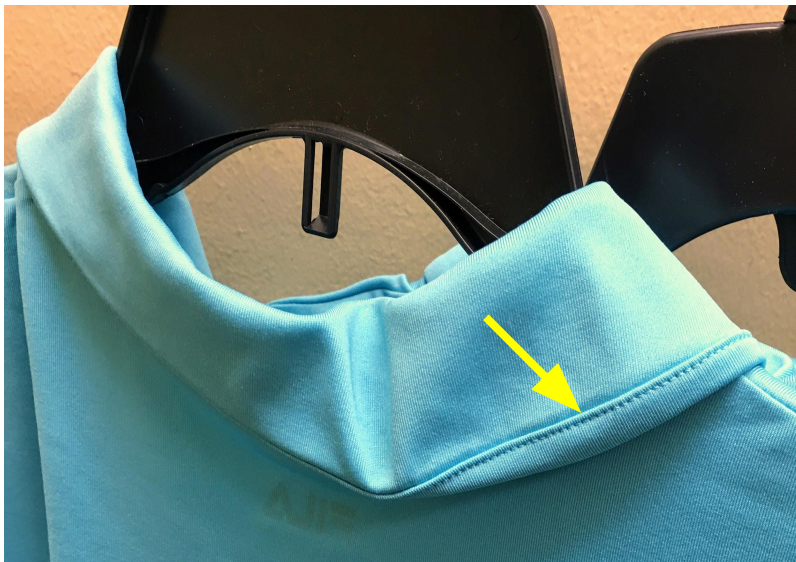
### APPROVAL



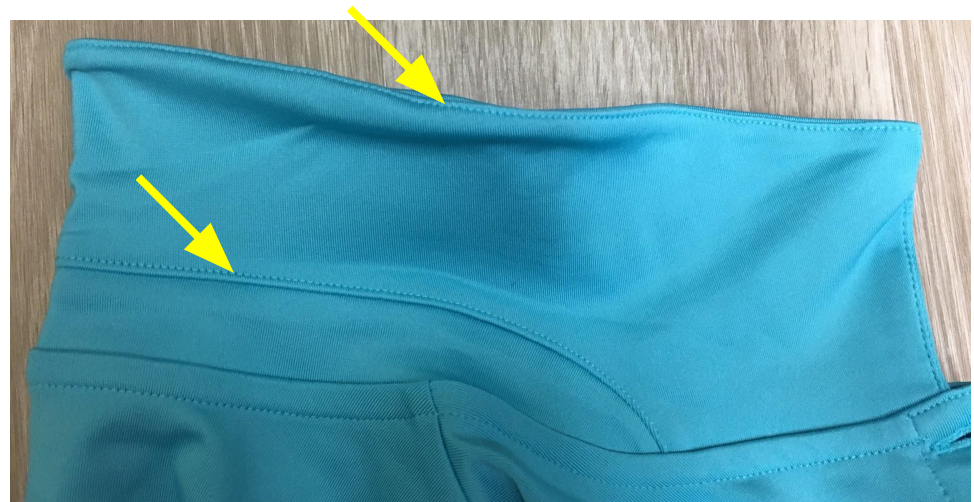
Both layers of the stand are sewn together providing stability and collar roll.



### PRODUCTION EXECUTION & FIT ISSUES



- Layers of the stand are NOT sewn together.
- Seams have been stretched during sewing.
- Lower collar is rolling to the outside.





## Verify Production Execution Consistency w/ PP/Fit Approvals

-including CPA and Label Execution pages

### EXECUTION ISSUES

#### APPROVAL



#### PRODUCTION



- Neck Band shape is not round and stitching is inconsistent.
- Top of Neck Band at CF is inconsistent from Approval

#### PRODUCTION



- Top of Neck Band at CF is square



## Verify Production Execution Consistency w/ PP/Fit Approvals -including CPA and Label Execution pages

APPROVAL



PRODUCTION



- Armholes too low and stretched when binding applied
- Chest at armhole is too big
- Armhole circumference too big



# PRODUCTION: EXECUTION

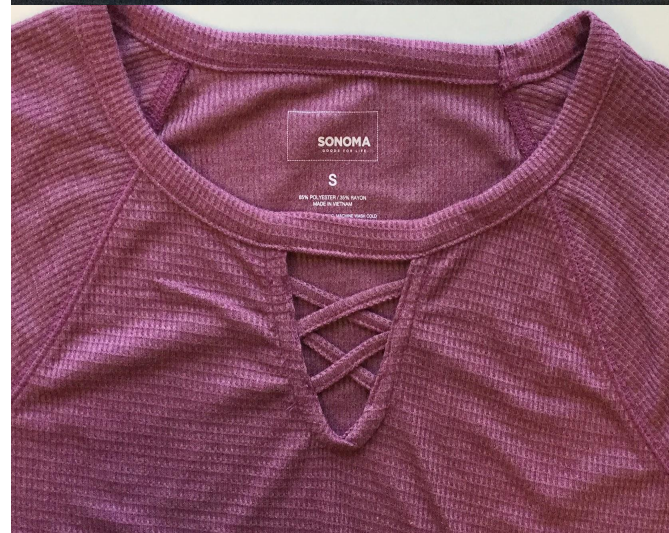
## Verify Production Execution Consistency w/ PP/Fit Approvals

-including CPA and Label Execution pages

### APPROVAL



### PRODUCTION



- Neck shape is not smooth and rounded
- Puckering on body along keyhole seam
- Roping along keyhole opening



# PRODUCTION: EXECUTION

## Verify Production Execution Consistency w/ PP/Fit Approvals -including CPA and Label Execution pages

### APPROVAL



Bottom band is set on clean

### PRODUCTION



Bottom band is wavy and too long

## CONTINUOUS IMPROVEMENT: GPS STORE AUDIT

### Objective

- Driving Accountability by Verifying Execution
- Elevate Quality and Consistency
- Improve Customer Satisfaction & Rating

### Approach

- Conducted Quarterly
- Cover entire vendor base at least one time per year
- **Product Integrity:** Product Performance Testing Shrinkage/ Seam Strength/ Crocking/ Wash Appearance
- **Technical Design:** Measurement/ Construction/ Workmanship/ Fit Consistency/ Softness/ Handfeel
- **Color:** Consistency

### Output

- Through the Store Audit Process we work to Improve the Customer Experience and Perception of Product Quality
- Audit results are shared with vendors & LF partners

Audit Low Performer Process < 80			
<b>Investigation</b>	<b>Vendor &amp; PD Communication</b>	<b>Corrective Action Plan Identified</b>	<b>Re - Audit</b>
<i><b>PI / QA / TD Collaboration</b></i> Sales & Unit Volume Root Cause Identified	<i><b>QA - QRP Process</b></i> Share out findings with Vendor & PD Team to start CAP for future development	<i><b>Vendor</b></i> CAP to be provided by vendor and shared out with CF partners	<i><b>PI / TD / Color</b></i> Audit again once corrective plan has been executed -- Report Findings





## Example of Store Audit Low Performer Results

### C&B LS Men's Easy Care Polo

<b>Audit Results</b>	<b>68</b>
<b>TD Score</b>	<p><b>21 / 45</b></p> <p>Uneven Hems --Keep in mind that this style is supposed to have a 1" front/back length difference, Crooked/Curved Plackets, No vertical line tack to secure hem overlap, Overall, workmanship was very poor.</p> <p>There were several untrimmed threads on the garments.</p> <p>SPI varied a lot between different areas of topstitching</p> <ul style="list-style-type: none"> <li>• 8 SPI on armhole topstitch</li> <li>• 15 SPI at bottom of placket</li> <li>• 9 SPI on side of placket</li> </ul>
<b>PI Score</b>	<p><b>37 / 45</b></p> <p>Crocking failures</p>
<b>Color Score</b>	<p><b>10 / 10</b></p> <p>Colors were slightly yellow</p>
<b>5 Star Rating</b>	4.0 (72)
<b>Fiber Content</b>	60% Cotton 40% Poly
<b>Fabric Weight</b>	203g/m <sup>2</sup>





## Example of Store Audit Low Performer Results



**Sonoma |  
Women's SS V Neck**

**Audit Results**

76

**TD Score**

21 / 45

Hand feel was dry and thin, when tried on neck stood away from body and would not lay flat. Neck widths were inconsistent, Neck width almost seems too wide on all styles. Fabric looks skewed

**PI Score**

45 / 45

**Color Score**

10 / 10

**5 Star Rating**

4.3

**Fiber Content**

60% Cotton 40% Poly



Store Sample



Approved Fit

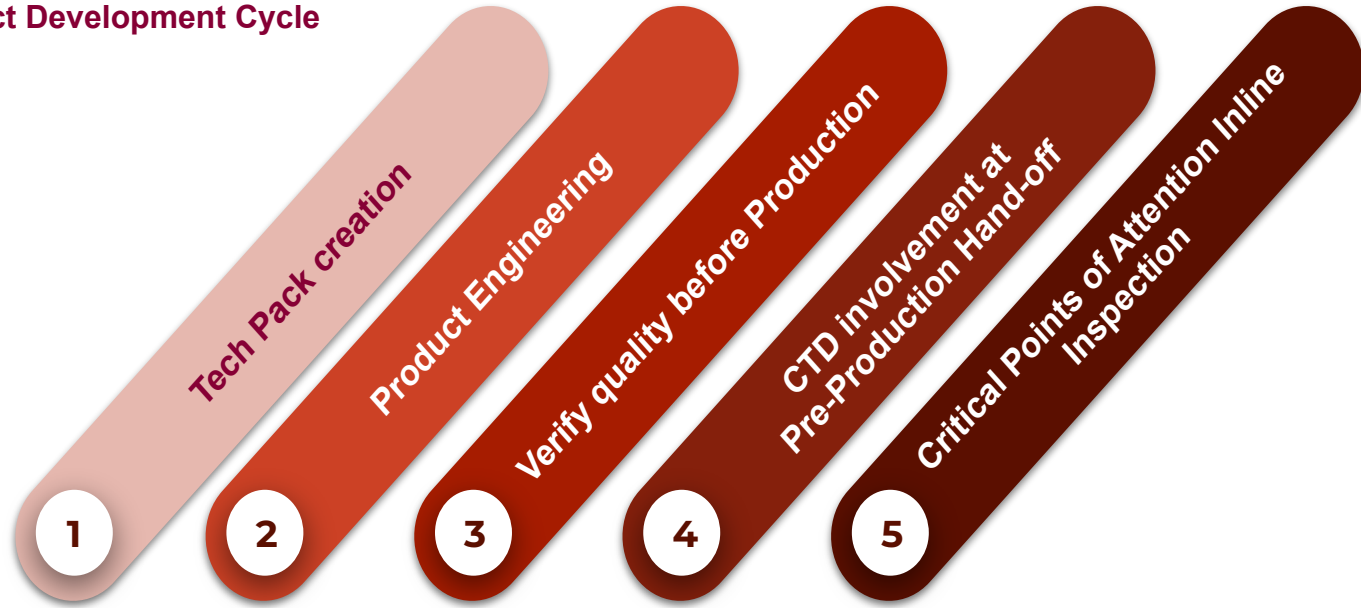


Store Sample

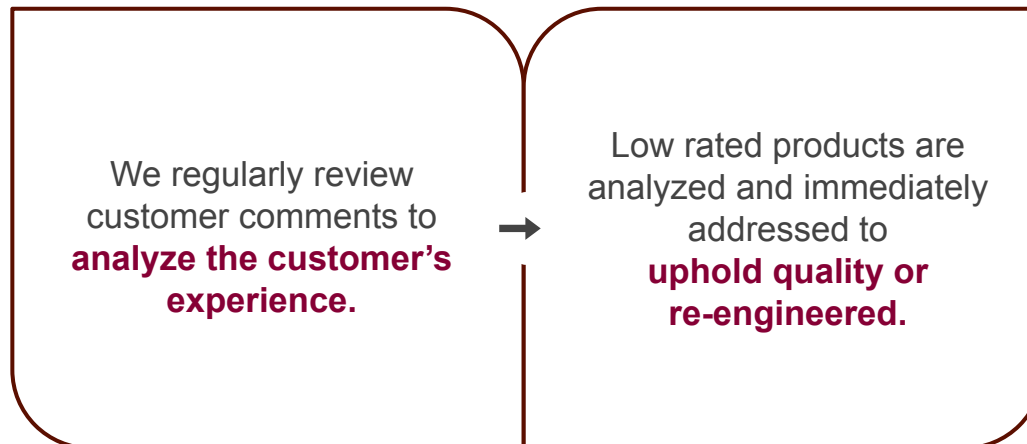


## CONTINUOUS IMPROVEMENT: Engineering for 5-Star Product

### Product Development Cycle



### Post Production Execution Analysis



## CONTINUOUS IMPROVEMENT: CUSTOMER REVIEWS

**Example:** Multiple Customer Reviews for “doesn’t fit” combined with “runs small”, “need to buy a different size”, or “needed to size up” are all indications of a problem.

### Analysis:

- Review Fit / PP approval against core Fit Library/Brand Classification to determine if fit approval strayed too far away from the core brand fit expectation for styling ease.
- Review Fit / PP approval against multiple store samples in multiple colors/fabrics to determine if there is a production execution concern across colors or fabrications.
- Evaluate store audit results together with QA team and validate if comments are relevant and determine next steps.

### When a Production Issue is found:

- Garments are out of tolerance.
- Quality execution does not meet minimum construction standards and/or follow the CPA pages or PP sample execution.
- Follow the QA protocol for next steps.

### Production Issue Example:

All garments in image = size M.  
Wide variance in Sleeve and Body Length, out of tolerance.

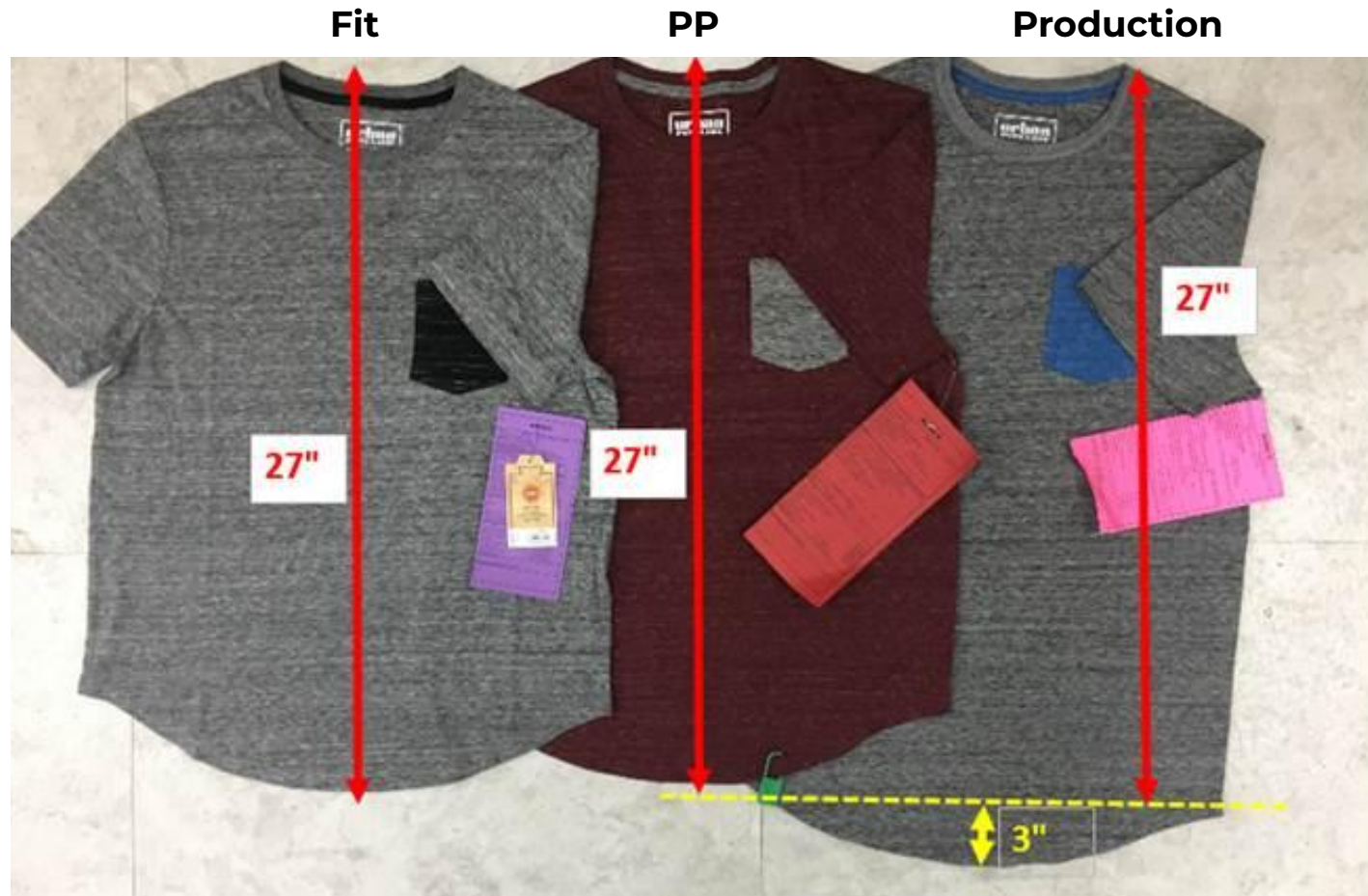




# PRODUCTION: EXECUTION

## Verify Production Execution Consistency w/ PP/Fit Approvals including CPA and Label Execution pages

Fit Approval to PP to Production (TOP)



# Current Training Location on K-Link



# Future Training Location on K-Link

**LABELS AND PACKAGING**

**PERFORMANCE TESTING**

**COLOR SERVICES**

**GLOBAL TECHNICAL DESIGN**

- Apparel Resource Tools
- Apparel Body Charts, Grading, Extended Sizes
- CTD OnePLM Manual
- Apparel CTD Level 0-1**
- Apparel Associate TD/CTD Level 2
- Apparel Technical Designer TD/CTD Level 3
- Apparel Mentor TD/CTD Level 4
- Home

**QUALITY ASSURANCE**

**PREFERRED TRIM SUPPLIERS**

**FOOTWEAR**

**ONEPLM**

**MATERIAL MANAGEMENT**

**SOURCING**

**TIME AND ACTION CALENDAR | NOTICE OF CHANGE (NOC)**

**DPC**

## Apparel CTD Level 0-1

**Apparel Certified Technical Designer Training Guide**  
The training guide clearly outlines the courses, tools and resources needed to become Kohl's.

Click on the links in the training guide to access the training.

You may print and/or save the document to your desktop for reference only. To ensure dated training, you must click on the links from here.

**CTD Mentor Guide**  
This discussion guide will walk you through the necessary steps to train a CTD within

**Orientation**  
The Certified Technical Design (CTD) program is a training program for Domestic and about working with Kohl's on Tech Design. This orientation course is the first step in it

**Orientation: Apparel CTD Level 0-1**

- [Kohl's Apparel CTD Overview](#) (Last Updated: 07/22/2022)
- [Apparel Technical Designer Training Guide - Level 1](#) (Last Updated: 10/19/2021)
- [CTD Mentor Guide](#) (Last Updated: 08/23/2018)

**How to Measure**

- [POMs Assessment](#) (Last Updated: 07/25/2018)

**onePLM**

- [Navigating Tech Spec Report](#) (Last Updated: 07/22/2022)
- [onePLM Assessment](#) (Last Updated: 07/25/2018)

**Fit**

- [Maintain Fit Consistency](#) (Last Updated: 03/28/2018)
- [Fit on Form Assessment](#) (Last Updated: 07/01/2018)

**Communication & Best Practices**

- [Communication Assessment](#) (Last Updated: 07/01/2018)

**Sample Submit Checklist**

- [Apparel Counter Sample Submits](#) (Last Updated: 05/18/2021)
- [Apparel Fit Sample Submits](#) (Last Updated: 05/18/2021)
- [Apparel PP Sample Submits](#) (Last Updated: 06/10/2021)



## Apparel Resource Tools

Kohl's private and exclusive branded Apparel technical procedures, tools, standards, & guidelines

### POLICIES AND PROCEDURES

- [Kohl's Fit Sample Policy](#) (Last updated: 12/03/2020)
- [Managing Style Complexity](#) (Last updated: 09/06/2022)
- [Communication Expectations \(Rename Basic Communications\)](#) - Last Updated: 06/01/2022
- [Sample Tag - All Apparel Categories \(Rename All Apparel Categories\)](#) - Last Updated: 09/15/2023
- [Critical Points of Attention Expectations](#) (Last Updated: 07/14/2021)

### FIT TOOLS

- [Developing & Maintaining Fit Consistency \(New\)](#) - Last Updated: 09/00/2023
- [The TD Toolbox Dressform, Fit Model & 3D Digital Avatar](#) (Last Updated: 11/01/2020)
- [Dress Form Chart](#) (Last Updated: 11/10/2022)
- [Alvanon Dress Form Order Template \(Rename Alvanon Order Form\)](#) Last Updated: 10/22/2020
- [Fit Library Index](#) (Last Updated: 03/14/2023)
- [Kohl's Fit comment Template](#) (Last Updated: 11/10/2022)
- [How to fit Knit Tops](#) (Last Updated: 06/01/2018)
- [How to fit Woven Shirts](#) (Last Updated: 07/21/2023 this date is incorrect?)
- [How to fit Men's Bottoms](#) (Last Updated: 07/21/2023 this date is incorrect?)
- [How to take a photo on a Dressform](#) (Last Updated: 05/18/2021)

### PATTERNS

- [Pattern Application \(Rename Basic Pattern Application\)](#) - Last Updated: 04/20/2022
- [Vendor Pattern Attachment Naming Convention](#)(Last Updated: 04/17/2023) linked to CTD OnePLM manual page

### STANDARDS & GUIDELINES

#### Minimum Construction Standards

- [General Minimum Construction Standard Manual](#) (Last Updated: 04/25/2022)
- [Adaptive Construction Standards](#) (Last Updated: 04/03/2023)
- [Tailored Construction Standards](#) (Last Updated: 11/01/2020)
- [Sweater Construction Standards](#) (Last Updated: 11/01/2020)
- [Leather Suede PU Construction Standards](#) (Last Updated: 11/01/2020)
- [Outerwear Construction Standards](#) (Last Updated: 11/01/2020)
- [Swim Construction Standards](#) (Last Updated: 11/01/2020)
- [Intimates Bra Construction Standards](#) (Last Updated: 11/01/2020)
- [Intimates Panty Construction Standards](#) (Last Updated: 11/01/2020)

