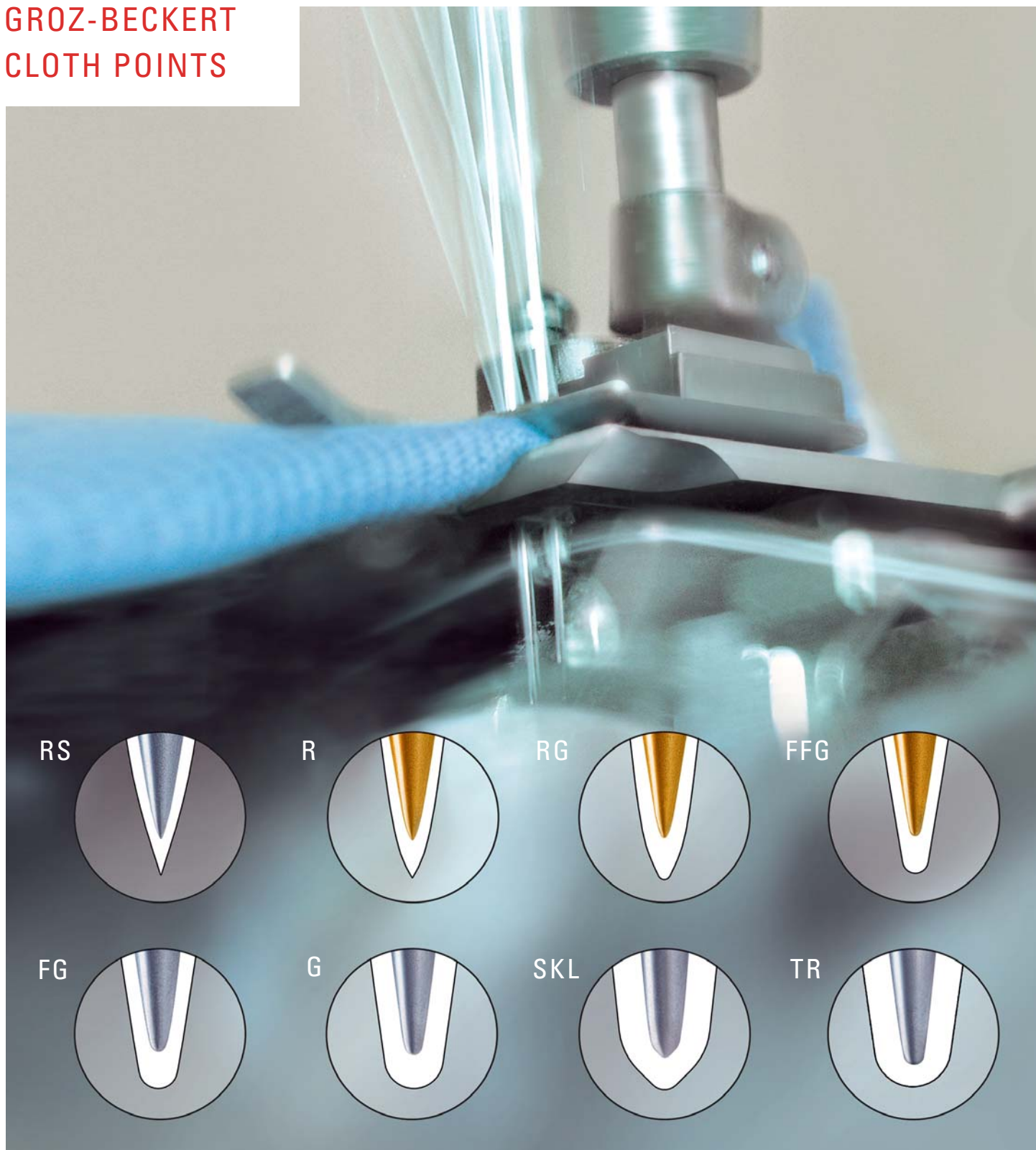




GROZ-BECKERT  
CLOTH POINTS



All textiles, whether woven, warped, felted or knitted, are sewn with a specific needle point shape to suit their structure.

The right choice of point has a significant effect on the finished sewing results. The right needle tip will give you the tip-top results you want.

## GROZ-BECKERT CLOTH POINTS

### SPECIFICATIONS AND APPLICATIONS

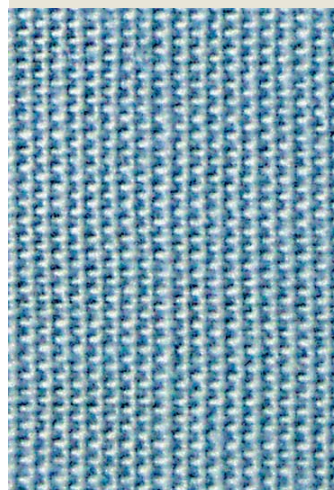
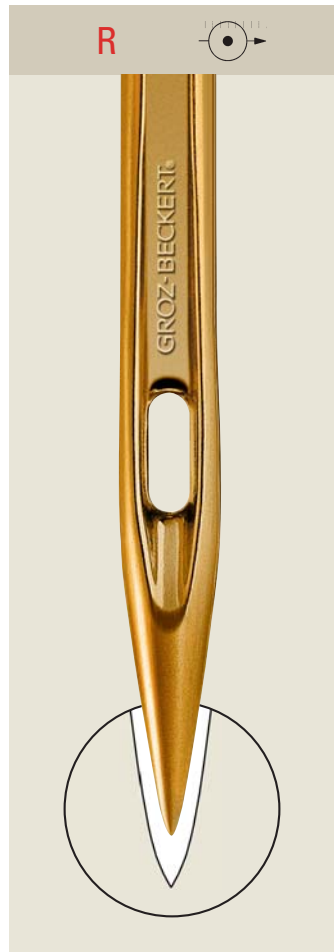


**Sharp round point**

Standard for blindstitch needles. For precise stitch sequences in lockstitch operations. A sensitive point, susceptible to damage.

**Example:**

Blouses, fine skirts and trousers, curtains

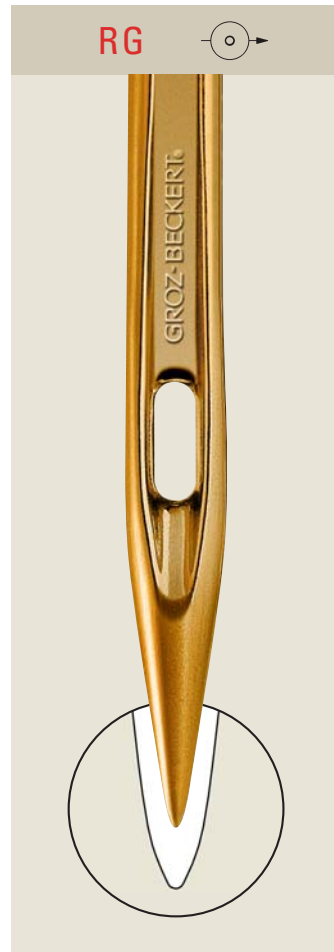


**Regular round point**

Most common for all kinds of lockstitch applications (FST 301), particularly for woven fabrics, artificial leather, coated fabrics.

**Example:**

Shirts, trousers, various kinds of garments

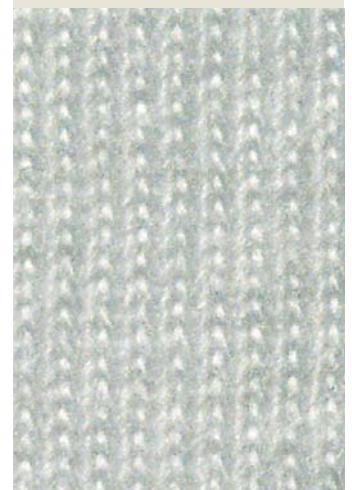


**Round point with slightly rounded tip**

Standard for all chainstitch operations (FST 401 and 406).

**Example:**

For fine, sensitive knitted fabrics, microfibre, multi-head embroidery











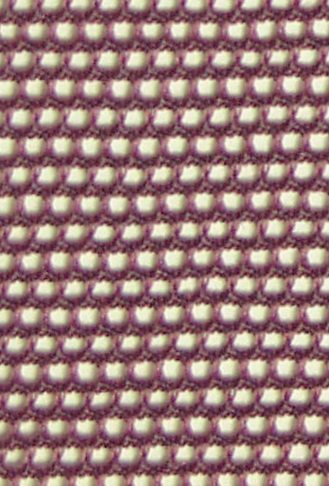
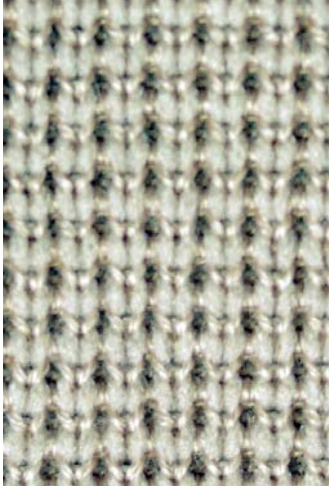
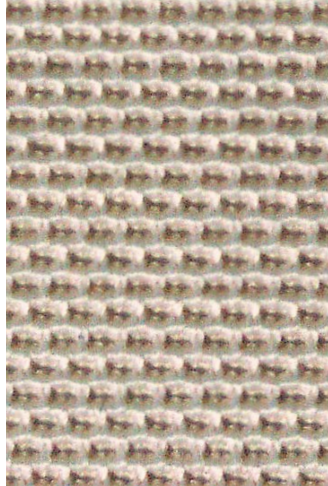

**Light ball point**

For knitted fabrics and for wovens.

**Example:**

T-shirts, underwear, fine sweaters

ALSO AVAILABLE IN GEBEDUR®

<p><b>FG/SUK</b> </p> 	<p><b>G</b> </p> 	<p><b>SKL</b> </p> 	<p><b>TR</b> </p> 
			
<p><b>Medium ball point</b> For elastic fabrics with rubber or elastomeric contents. <b>Example:</b> Sweaters, lace, underwear, Schiffli embroidery</p>	<p><b>Heavy ball point</b> For very coarse and open structured elastic fabrics. <b>Example:</b> Sweaters, cardigans</p>	<p><b>Special ball point</b> For warp fabrics with high elastomeric contents. <b>Example:</b> Underwear, orthopaedic clothes</p>	<p><b>Special ball point</b> For Schiffli embroidery applications. <b>Example:</b> Curtains, tablecloth</p>

## POINT CLASSIFICATIONS IN THE MARKET

Designation	Groz-Beckert-Equivalent	Designation	Groz-Beckert-Equivalent
B BALL	FG	RS	RS
BPL	FFG	S BALL	RG
EH	RG	S SET	RS
FFG	FFG	SES	FFG
FG	FG	SET	R
G	G	SET RT	RG
H BALL	G	SI	FG
H SET	RG	SIN	FFG
J BALL	FFG	SKF	G
L BALL	FFG	SKL	SKL
M BALL	FG	SPI	RS
NEW RD	RG	STU	RG
NYR	FFG	STUB	RG
R	R	SUK	FG
R-SPI	RS	TB	FFG
R-STU	RG	TR	TR
RD	R	U BALL	G
RG	RG	Y BALL	G

Different needle manufacturers use different specifications for the same needle points

This guide will help you find the right Groz-Beckert specification.

GROZ-BECKERT KG  
 PO Box 10 02 49  
 72423 Albstadt, Germany  
 Phone +49 7431 10-0  
 Fax +49 7431 10-3200  
 contact@groz-beckert.com  
 www.groz-beckert.com

The depictions provided of our products are not to scale and are intended for illustrative purposes only. Consequently they make no claim to be an accurate representation of the original.

® = Registered trademark of the Groz-Beckert company group.  
 © = This brochure is copyrighted. All rights reserved, in particular the right of duplication, distribution and translation. This brochure or any parts thereof may not be reproduced or stored, processed, duplicated or distributed using electronic systems in any form or by any means whatsoever without the express written consent of Groz-Beckert.

## THE BENEFITS OF THE MR NEEDLE

- Less needle breakage
- Optimum security against skipped stitches
- Optimum protection of the sewing fabric
- Less thread breakage
- Less thread splicing
- Extremely tight adjustment of looper to needle possible
- High productivity due to reduced machine downtime
- Reduced production costs

## THE PRODUCT RANGE

GB designation	Point	SNF Cat. No.	SNF Point	Size range								
				2.0	2.5	3.0	3.5	4.0	4.5	5.0	6.0	7.0
				65-70	75-80	85-90	95-100	105-110	120	125-130	140-160	180-200
DBx1 MR	R	1515-01-	SET	●	●	●	●	●		●		
DBx1 MR FFG	FFG	1515-06-	L Ball	●	●	●	●	●				
62x45 MR	R	4107-01-	SET							●	●	
62x57 MR	R	3260-01-	SET					●	●	●		
UY128GAS MR FFG	FFG	3651-06-	L Ball		●	●	●	●	●	●	●	
134 K MR	R	1910-01-	SET					●		●		
134 MR	R	1955-01-	SET	●	●	●	●	●	●	●	●	
134 MR FFG	FFG	1955-06-	L Ball	●	●	●	●	●	●	●	●	
134 MR FFG GEBEDUR®	FFG	–	L Ball	●	●	●	●	●	●	●	●	
134 MR FG	FG	1955-07-	M Ball					●	●	●	●	
134-35 MR	R	7225-01-	SET			●		●	●	●	●	
135X17 MR	R	3355-01-	SET		●	●	●	●	●	●	●	●
135X17 MR FFG	FFG	3355-06-	L Ball							●		
135X17 MR FG	FG	3355-07-	M Ball			●						
135X17 MR GEBEDUR®	R	–	SET							●	●	
UY180GYS MR	R	6935-01-	SET					●		●	●	
UY180GYS MR FG	FG	3355-07-	M Ball							●		
1906 MR FFG	FFG	1906-06-	L Ball	●	●	●						
3386 MR	R	3386-01-	SET								●	
4510 MR FFG	FFG	4510-06-	L Ball					●		●		
5205 MR	R	5205-01-	SET							●		

Feedback from industry confirms the progress achieved by the **MR needle**.

The Groz-Beckert **MR needle** is distinguished by providing a longer service life particularly for automated sewing operations in wide-ranging different fields of application.

**The results can be seen in a high standard of seam quality and optimum productivity.**

## GROZ-BECKERT – THAT SUBTLE DIFFERENCE.

GROZ-BECKERT KG  
 PO Box 10 02 49  
 72423 Albstadt, Germany  
 Phone +49 7431 10-0  
 Fax +49 7431 10-3200  
 contact@groz-beckert.com  
 www.groz-beckert.com

GEBEDUR® is a registered trade mark of the Groz-Beckert KG