

THE GROZ-BECKERT GAUGE PART SYSTEM – ARTIFICIAL TURF SPORT IN MOTION



Tangible benefits with Groz-Beckert Tufting Gauge Part Systems

The Groz-Beckert system concept applied to the application of Tufting Gauge Part Systems – a consistent further development for use in the production of artificial turf. The use of Groz-Beckert Gauge Part Systems offers a whole series of benefits for the manufacture of tufted floor coverings by ensuring a carefully controlled and coordinated combination of materials and tolerances. Because all the tool components work in perfect functional harmony within

the system, the tufting results achieved are not only superb in terms of quality but economical too.

The Groz-Beckert Tufting Gauge Part System for artificial turf manufacture allows production of any popularly required pile heights combined with any currently known yarn type. Both thin monofilament yarns and coarse multifilament yarn types can be simply and easily processed.

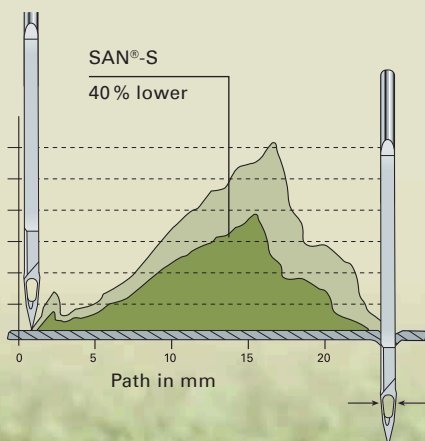
The Groz-Beckert gauge part system stands for:

- Utmost precision
- Process reliability
- Optimum cutting quality
- Coordinated materials and tolerances

BENEFITS OF GROZ-BECKERT GAUGE PARTS

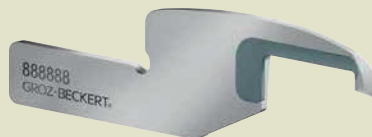
Benefits of the SAN®-S tufting needle

- Up to 40 % lower penetration force (F max)
- Reduced stress on the machine
- Higher production speeds
- Reduced energy consumption
- Gentle-action material penetration
- Optimized retraction behaviour
- Complete product range of all current needle types



Benefits of the Tungsten Cut Pile Looper CPL SC*

- Optimized knife rest
- Multiple regrinding capability
- Longer service life
- Durable construction for maximum stability
- Optimized design for low stitch rate



Benefits of the tufting knife

- Premium material quality
- Longer service life to regrinding
- Precise tufting knife chamfer in OEM quality
- Knife thicknesses up to 1.0 mm for high stability
- Product identification by laser marking



Perfectly coordinated material combination of individual gauge parts for optimum tufting performance.

Leading tufting machine manufacturers rely on Groz-Beckert to supply the tufting gauge parts they need. In this field, Groz-Beckert offers a complete and technically sophisticated gauge part product range for the international tufting industry. To address the ever growing demands and needs of its customers, Groz-Beckert works continuously to improve its products. It also offers an extensive range of consultancy and laboratory services including the Tufting Technical Center.

* SC = System Cut

Online
Tufting
Catalogue
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The Groz-Beckert online tufting catalogue

All our products are featured in our online product catalogue at
www.tufting.groz-beckert.com

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