



Benefit Arguments

2-Finger Parallel Gripper PGN-plus-P

Superior Clamping and Gripping



The most important Advantages at a Glance:

Technical feature	Advantage	Customer benefits	User group
			
Multi-tooth guidance	High maximum moments	High design freedom High load capacity → Longer gripper fingers possible with the same size	Design Standardization Project manager Production planning Purchasing Sales
Enlarged piston surface	High gripping force	Use of higher component weights for each size possible → Increased design flexibility → Increased range of workpieces possible Application of a smaller size is possible → Low costs for procurement → More compact systems	Design Production planning Purchasing Sales
Comprehensive ranges	Large standardized modular system	Gripper basis can be modified for all application areas → Low costs for procurement → Many combination possibilities of variants and options	Design Standardization Project manager Production planning Purchasing
Sensor options	Wide range of query options (item/force/..)	→ Sensor systems adapted to each application	Design Sales Purchasing
Lifelong maintenance-free guaranty	30-year functional warranty	Customer receives offer for maintenance or repair up to a max. repair price or replacement at 40% of the list-price	Sales Purchasing Servicing

For internal use only!

Target Customer: Mechanical/Plant Engineers

User Group: Design

Technical feature



Advantage



Customer benefits



Multi-tooth guidance	High maximum moments	High design freedom High load capacity ➔ Longer gripper fingers possible with the same size
	Low load/surface pressure	Application of a smaller size is possible ➔ Low costs for procurement ➔ More compact systems
	Proven technology	Highly reliable performance
Enlarged piston surface	High gripping force	Use of higher component weights for each size possible ➔ Increased design flexibility ➔ Increased range of workpieces possible Application of a smaller size is possible ➔ Low costs for procurement ➔ More compact systems
Sensor options	Wide range of query options (item/force/pressure) and technologies (inductive/magnetic/...)	Selection of the matching sensors possible ➔ The right sensor system for each application
Comprehensive ranges	Large standardized modular system	Gripper basis can be modified for all application areas ➔ Low costs for procurement ➔ Many combination possibilities of variants and options
Additional mounting option beneath cover plate	Mounting options of customer-specific attachments	Thread for mounting and positioning accuracy provided by fittings ➔ Connection of customer-specific attachments possible ➔ High flexibility when designing the systems

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Target Customer: **Mechanical/Plant Engineers**

User group: **Purchasing**

Technical feature



Advantage:



Customer benefits



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Sensor options	Wide range of query options (item/force/pressure) and technologies (inductive/magnetic/...)	Selection of the matching sensors possible ➔ The right sensor system for each application
Comprehensive ranges	Large standardized modular system	Gripper basis can be modified for all application areas ➔ Low costs for procurement ➔ Many combination possibilities of variants and options
Valid for 36 months	Higher validity than legal requirement and market competitors	Replacement device in case of failure ➔ High functional reliability ➔ Risk protection during replacement
Lifelong maintenance-free guarantee	30-year functional warranty	Customer receives offer for maintenance or repair up to a max. Repair price or replacement at 40% of the list price

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Target Customer: Mechanical/Plant Engineers

User Group: Sales

Technical feature



Advantage



Customer benefits



Multi-tooth guidance	Low load/surface pressure	Application of a smaller size is possible → Low costs for procurement → More compact systems
	Proven technology	Highly reliable performance
Lubrication pockets	Multi-tooth guide permanently lubricated	Guaranteed high life span of the gripper → Maintenance-free guide (except special ambient conditions e.g. higher temperature, contaminated environment) → Cost savings for maintenance and procuring a replacement
Enlarged piston surface	High gripping force	Use of higher component weights for each size possible → Increased design flexibility → Increased range of workpieces possible Application of a smaller size is possible → Low costs for procurement → More compact systems
Large diagonal pull area	Lower surface pressure	→ Long lifetime
	Low wear	→ Increased precision over the life span
Sensor options	Wide range of query options (item/force/pressure) and technologies (inductive/magnetic/...)	Selection of the matching sensors possible → The right sensor system for each application
Long life warranty	30-year functional warranty	Customer receives offer for maintenance or repair up to a max. Repair price or replacement at 40% of the list price
eGRIP finger interface	Online tool for designing plastic and metal fingers for gripper	→ Reduced procurement times → Reduced design outlay → Online ordering of the fingers possible

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Target Customer: End Customer

User Group: servicing

Technical feature



Advantage



Customer benefits



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	Proven technology	Highly reliable performance
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Lifelong maintenance-free guarantee	30-year functional warranty	Customer receives offer for maintenance or repair up to a max. Repair price or replacement at 40% of the list price
Large diagonal pull area	Lower surface pressure	→ Long lifetime
	Low wear	→ Increased precision over the life span

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Target Customer: End Customer

User Group: Standardization

Technical feature



Advantage



Customer benefits



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Comprehensive ranges	Large standardized modular system	Gripper basis can be modified for all application areas ➔ Low costs for procurement ➔ Many combination possibilities of variants and options
Additional mounting option beneath cover plate	Mounting options of customized attachments	Thread for mounting and positioning accuracy provided by fittings ➔ Connection of customer-specific attachments possible ➔ High flexibility when designing the systems

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Target Customer: Mechanical/Plant Engineers

User Group: Project Management

Technical feature



Advantage



Customer benefits



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Target Customer: Mechanical/Plant Engineers

User Group: Production Planning

Technical feature



Advantage



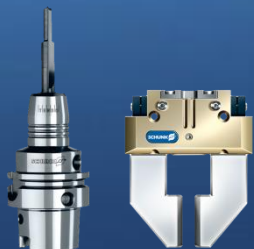
Customer benefits



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Superior Clamping and Gripping



J. Lehmann

Jens Lehmann, German goalkeeper legend,
SCHUNK brand ambassador since 2012 for
precise, safe gripping and holding

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