



Superior Clamping and Gripping



Explosion Protection in the SCHUNK Premium Modules

ATEX certified
with DNC Coating



Explosion Protection included. Safety meets high Quality.



As a competence leader in clamping technology and gripping systems, SCHUNK offers its premium products with ATEX certification for explosion hazard zones.

Set on maximum safety.

- All the SCHUNK premium series are coated and are available in the explosion-protected version complying with guideline 2014/34/EU.
- Specially designed for use in potentially explosive areas, such as gas and dust atmospheres.

Benefit from explosion protection in:



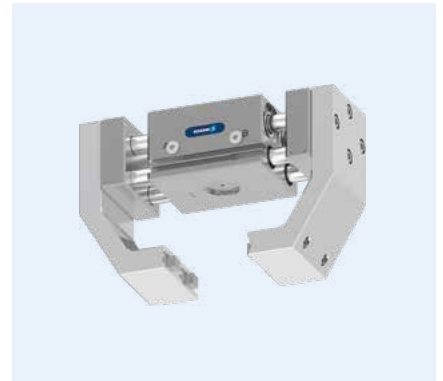
PGN-plus/PGN-plus-P 2-finger parallel gripper

The unique gripper with multi-tooth guidance. High-precision handling, higher maximum moments, higher gripping forces.



DPG-plus sealed 2-finger parallel gripper

Proven a thousand times in everyday industrial use.



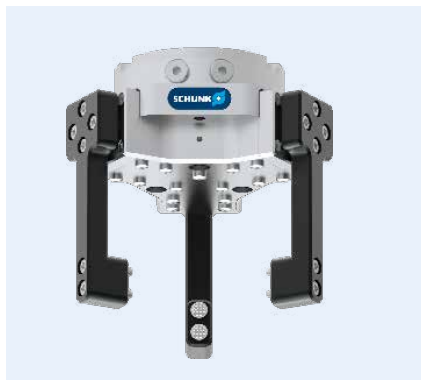
PSH 2-finger parallel gripper with long jaw stroke

Due to dirt-insensitive round guides also proven in dirty working environments.



PZN-plus 3-finger centric gripper

The all-rounder. As the PGN-plus with a highly modular structure for various requirements.



DPZ-plus sealed 3-finger centric gripper

The expert in harsh environments. As the DPG-plus it is reliable under difficult conditions.



SRU-plus/SRU-mini universal rotary module

Efficient rotary module with the highest positioning accuracy on the market.



Wood machining

Casting and welding

Tool machining

Surface machining

Painting

Zone categories of the SCHUNK products

Device group II, category 2, gas

- PGN-plus/PGN-plus-P 2-finger parallel gripper
- PZN-plus 3-finger centric gripper
- PSH 2-finger parallel gripper with long jaw stroke
- SRU-plus/SRU-mini universal rotary unit

Device group II, category 2, gas/dust

- DPG-plus sealed 2-finger parallel gripper
- DPZ-plus sealed 3-finger centric gripper

General information

ATEX stands for the French abbreviation of "Atmosphère explosible", and is used as a synonym for Directive 2014/34/EU on the harmonisation of the laws of the Member States concerning equipment and protective systems intended for use in potentially explosive atmospheres.

This involves areas where the local or operational conditions result in potentially explosive atmospheres, such as the machining of solid materials in painting systems, surface treatment systems or casting processes.

Differentiation of the category according to directive 2014/34/EU

The listed SCHUNK series are all designed for device category 2 (high level of safety).

GROUP II			
Equipment for use in other areas (not in underground mining operations) which may be endangered by an explosive atmosphere.			
Category 2		Category 3	
G	D	G	D
Gas	Dust	Gas	Dust
Zone 1, 2	Zone 21, 22	Zone 2	Zone 22
High level of safety – Use in zone 1/21, 2/22 possible		Normal level of safety – Use in zone 2/22 possible	
Designed for situations where a potentially explosive atmosphere is present.		Designed for situations where potentially explosive atmospheres are seldom or only briefly present.	

We print sustainably



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