

# 5 Compressed Air Couplings – 1 Plug Profile. Get equipped for the future!

The safety aspect and regulations in industrial production and handicraft are becoming increasingly intense.

Our compatible compressed air systems allow you to fall back on 5 different coupling types with one plug profile.

So, you will have everything you need for both your specific applications and for increasing safety requirements.

## Universal compressed air coupling at a great price: 26KA

- Flow rate: 1.000 l/min.
- Working pressure: 35 bar
- Coupling force at 6 bar: 120 N
- Available in brass and stainless steel



## Compressed air coupling for industrial applications: 25KA

- Flow rate: 1.800 l/min.
- Working pressure: 35 bar
- Coupling force at 6 bar: 100 N
- Available in brass and stainless steel



## Compressed air coupling with ultra high flow rate: 1625KA

- Flow rate: 2.150 l/min.
- Working pressure: 35 bar
- Coupling force at 6 bar: 75 N
- Available in steel



## Self-venting coupling with thermoplastic sleeve: 26KE

- Flow rate: 1.400 l/min.
- Working pressure: 8 bar
- Coupling force at 6 bar: 95 N
- Available in brass



## Self-venting coupling mad of steel: 25KE

- Flow rate: 1.800 l/min.
- Working pressure: 8 bar
- Coupling force at 6 bar: 120 N
- Available in steel



ISO 4414 DIN EN 983

ISO 4414 DIN EN 983

### Standardised plug profile

- Suitable for all 5 coupling types
- Available in steel or brass

Top connections – best solutions!

**RECTUS**  
GROUP

## Applications

		26KA	25KA	1625KA	26KE	25KE
Compressed air circuit line					●	●
Hose coupling tool		●	●	●		
Compressor small		●			●	
Compressor large (flow rate > 1750 l/min.)			●	●		●
Filter, regulator, lubricator		●		●		
Use in external area		●		●		
With strong vibrations		●		●		
Assembly work spaces				●		
With sensitive surfaces / scratch protection				●	●	
Use in explosion-protected area (ATEX)		●	●			●
Recommended combination with hoses from the RECTUS delivery programme	PU08 – 5 x 8 mm	●				
	PU10 – 6.3 x 9.5 mm		●			
	PU12 – 8 x 12 mm		●	●		
	PU15 – 9.5 x 15 mm			●		
	PU19 – 12 x 19 mm			●		

## Technical Specifications

		26KA	25KA	1625KA	26KE	25KE
Nominal diameters		7.2	7.8	7.8	7.4	7.8
Flow rate at pressure drop of 0,5 bar		1,000	1,800	2,150	1,400	1,800
Maximum operating pressure (bar)		35	35	35	8	8
Coupling force 6 bar		120 N	100 N	75 N	95 N	120 N
Interchangeability		europrofile - DIN 14152 part 1				
Weight		75 gr	100 gr	90 gr	110 gr	175 gr
Materials (valve body, back body)	brass	●	●		●	
	steel			●		●
	stainless steel	●	●			
Suitability of throughput media	air	●	●	●	●	●
	fluids/water	●				
	oil	●	●	●		
Temperature with NBR standard seal		100°C	100°C	80°C	60°C	60°C
Approval as per DIN (German standard)					BIA EN983/ISO 4414	BIA EN983/ISO 4414
Self-venting coupling (prevents whiplash effect)					●	●
Vacuum capable		87%	87%	87%	-	-

## Key to Symbols



Joinery, Hobbies



Artisans



Garages



Assembly Work Spaces



Industry



Safety Technology

Compressed Air Tools  
with a high flow rateCircuit Line, Overhead  
Applications

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