



### Technical Description

Premium industrial coupling in nominal diameter 10 with high grade valve technology and unprecedented flow values and minimum coupling forces. Especially suited to compressed air applications with above average air consumption.

### Dust Caps (P. 331)

for coupling Part.-No. SK27S  
for plug Part.-No. SK16S



### Advantages

Single handed operation.  
High flow valve. Minimum coupling forces.

### Interchangeability

RECTUS 27  
RECTUS 1727  
TEMA 1700  
CEJN 410

### Working Pressure

PB = 35 bar, maximum static working pressure with safety factor of 4 to 1.

### Working Temperature\*

-20°C up to +100°C (NBR)  
-40°C up to +120°C (EPDM)  
-15°C up to +200°C (FKM)  
depending on the medium.

\*At a temperature below -20°C and above +100°C special seals are available on request.

### Material

#### Coupling

Back Body  
Valve Body  
Sleeve  
Valve  
Spring  
Locking Ring and  
Locking Balls  
Seals

### Standard

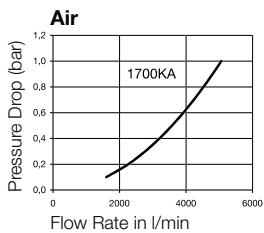
Brass, Nickel Plated  
Steel, QPQ treated  
Brass, Nickel Plated  
Brass  
AISI 301  
AISI 420  
  
NBR

### Plug

Plug

Steel Hardened, Zinc-Plated

### Chart



You will find the following alternative versions in our current catalogue on page:

- ▶ Brass/Steel Double Shut-off P. 148
- ▶ Stainless Steel P. 196
- ▶ Safety Self-Venting P. 292

## Couplings

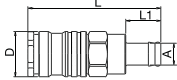
## RECTUS Series 1700KA

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
<p>Male Thread</p>	R 3/8	24	70	27	12					Standard	1700KA AK17 SPN
	R 1/2	24	75	27	17					Standard	1700KA AK21 SPN
	R 3/4	27	64	27	17					Standard	1700KA AK26 SPN
<p>Female Thread</p>	G 3/8	24	64,5	27	10					Standard	1700KA IW17 SPN
	G 1/2	24	68	27	11					Standard	1700KA IW21 SPN
	G 3/4	32	69	27	14					Standard	1700KA IW26 SPN

⚠ Please consider our security advices on the pages 12/13 ⚠

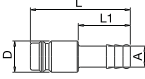
## Couplings

## RECTUS Series 1700KA

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 <p>Hose Barb</p>	10 mm	24	80	27	21					Standard	1700KA TF10 SPN
	13 mm	24	80	27	21					Standard	1700KA TF13 SPN
	16 mm	24	80	27	21					Standard	1700KA TF16 SPN

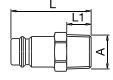

## Plugs

## RECTUS Series 27SF

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 <p>Hose Barb</p>	6 mm		48	15	25					Standard	27SF TF06 SXN
	8 mm		48	15	25					Standard	27SF TF08 SXN
	9 mm		48	15	25					Standard	27SF TF09 SXN
	10 mm		48	15	25					Standard	27SF TF10 SXN
	13 mm		48	15	25					Standard	27SF TF13 SXN
	16 mm		48	18	25					Standard	27SF TF16 SXN
	19 mm		49	21	25					Standard	27SF TF19 SXN

## Plugs

## RECTUS Series 27SF

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 <p>Male Thread</p>	R 1/4	17	40	12						Standard	27SF AK13 SXN
	R 3/8	17	40	12						Standard	27SF AK17 SXN
	R 1/2	22	45	17						Standard	27SF AK21 SXN
	R 3/4	27	48	19						Standard	27SF AK26 SXN
 <p>Female Thread</p>	G 1/4	17	33	9						Standard	27SF IW13 SXN
	G 3/8	19	33	12						Standard	27SF IW17 SXN
	G 1/2	24	37	12						Standard	27SF IW21 SXN
	G 3/4	32	42	16						Standard	27SF IW26 SXN