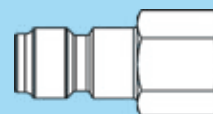




Nominal Diameter

5.5 = 24 mm²


Plug Profile 1:1

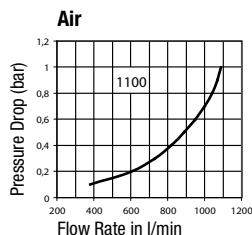
TEMA Series

1100

Actual size

**Technical Description**

1100 is a product series used mainly in compressed air applications. It is best suited for smaller pneumatic systems and compressed air tools with flows up to 900 litres per minute. It has a compact design with small outside dimensions and is known for its robust design. This series require two hands to connect and one hand to disconnect.

Chart**Advantages**

High flow performance
Small installation dimensions
Robust design
High corrosion resistance

Interchangeability

Tema design

Working Pressure

PB = 30 bar, maximum static working pressure with safety factor of 4 to 1.

Working Temperature*

-40°C up to +100°C (NBR)
-25°C up to +200°C (FKM)

*At temperature below -40°C and above +100°C special seals are available on request.

Material**Coupling**

Coupling
Valve
Sleeve
Spring/Locking Ring
Locking Balls
Seals

Standard

Brass, Chrome Plated
Brass
Brass, Nickel Plated
AISI 301
AISI 420 C
NBR alt. FKM

Plug

Plug

Steel, Hardened, Zinc-Plated

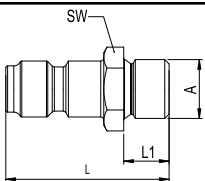
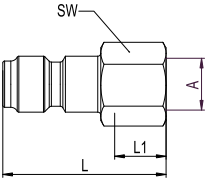
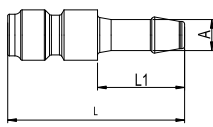
Couplings with valve

TEMA Series 1100

	Connection A	SW mm	L mm	D mm	L1 mm	L2 mm	SW1 SW1	B mm	Seal	Version	Part Number
 Male Thread	G 1/4	15	37	18	8				NBR	Standard	1100 A
	G 1/4	15	37	18	8				FKM	Standard	1100 AV
 Female Thread	G 1/8	15	38	18	8				NBR	Standard	1100
	G 1/8	15	38	18	8				FKM	Standard	1100 V

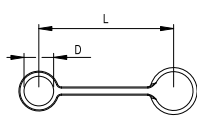
Plugs without valve

TEMA Series 1100

	Connection A	SW mm	L mm	D mm	L1 mm	L2 mm	SW1 mm	B mm	G mm	Version	Part Number
 Male Thread	G 1/8	12	27		7,5					Standard	11110-QC
 Female Thread	G 1/8	12	27		7					Standard	11410
 Hose Barb	5 mm		33		16					Standard	11005-QC
	6 mm		33		16					Standard	11006-QC

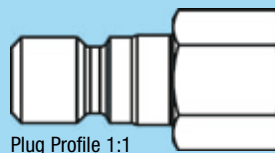
Dust Protection

TEMA Series 1100

		L mm	D mm	Material	Color	Part Number
	Coupling	55	15	PVC	Red	2315-QC
	Plug	55	15	PVC	Red	125-QC



Nominal Diameter

6.8 = 43 mm²


Plug Profile 1:1

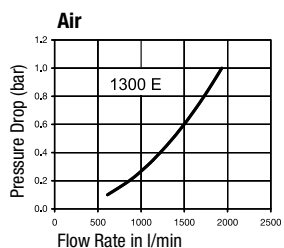
TEMA Series

1300

Actual size

**Technical Description**

1300 is a product series used mainly in compressed air applications. It is best suited for small to medium sized pneumatic systems and compressed air tools with flows up to 1400 litres per minute. It has a compact design and high flow due to the UltraFlo technology. This series require two hands to connect and one hand to disconnect.

Chart**Advantages**

Very high flow performance
Robust design
High corrosion resistance

Interchangeability

Tema design
RECTUS 31 KA

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)

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

Material**Coupling**

Backbody
Valve Body
Sleeve
Valve
Spring Plate
Spring, Locking Ring
Locking Balls
Seals

Standard

Brass, Nickel Plated
Steel, Black Nitrited
Brass, Nickel Plated
Brass
Brass
AISI 301
AISI 420 C
NBR

Plug

Plug

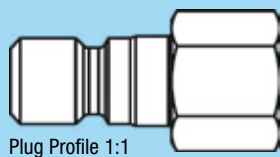
Steel, Hardened, Zinc-Plated

Couplings with valve

TEMA Series 1300

	Connection A	SW mm	L mm	D mm	L1 mm	L2 mm	SW1 SW1	B mm	Seal	Version	Part Number
 Male Thread	R 3/8	18	49	22	12				NBR	Standard	1300 A
 Female Thread	G 1/4	18	49	22	9				NBR	Standard	1300-QC
	G 3/8	20	50	22	10				NBR	Standard	1300 B

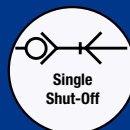
TEMA Series 1300 E



Plug Profile 1:1

Nominal Diameter

7.4 = 43 mm²



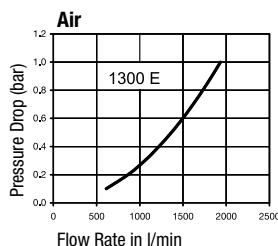
Single
Shut-Off

Brass/Steel

Technical Description

1300 E is a product series used mainly in compressed air applications. It is best suited for small to medium sized pneumatic systems and compressed air tools with flows up to 1400 litres per minute. It has a compact design and high flow due to the UltraFlo technology. This series require one hand to connect and one hand to disconnect.

Chart



Advantages

Very high flow performance
Robust design
High corrosion resistance
Single hand operation

Interchangeability

Tema design
RECTUS 31 KA

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)

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

Material

Coupling

Backbody
Valve Body
Sleeve
Valve
Spring Plate
Spring, Locking Ring
Locking Balls
Seals

Standard

Brass, Nickel Plated
Steel, Black Nitrided
Brass, Nickel Plated
Brass
Brass
AISI 301
AISI 420 C
NBR

Plug

Plug

Steel, Hardened, Zinc-Plated



TEMA Lowpressure

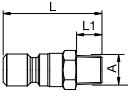
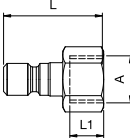
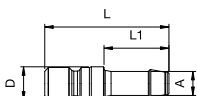
Couplings with valve

TEMA Series 1300 E

	Connection A	SW mm	L mm	D mm	L1 mm	L2 mm	SW1 SW1	B mm	Seal	Version	Part Number
 Male Thread	R 1/4	19	58	22	12				NBR	Standard	1300 EC
	R 3/8	19	56	22	12				NBR	Standard	1300 EA
	R 1/2	23	59	26	14				NBR	Standard	1300 ED
 Female Thread	G 1/4	19	55	22	9				NBR	Standard	1300 E
	G 3/8	20	55	22	10				NBR	Standard	1300 EB
 Hose Barb	6 mm	19	78	22	23				NBR	Standard	1300 EK06
	8 mm	19	78	22	23				NBR	Standard	1300 EK08
	10 mm	19	78	22	23				NBR	Standard	1300 EK10
	13 mm	19	77	22	24				NBR	Standard	1300 EK12

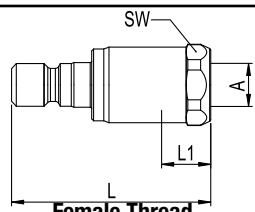
Plugs without valve

TEMA Series 1300/1300 E

	Connection A	SW mm	L mm	D mm	L1 mm	L2 mm	SW1 mm	B mm	G mm	Version	Part Number
 Male Thread	R 1/8	13	35		9					Standard	13110-QC
	R 1/4	14	38		12					Standard	13210 A
	G 1/4	14	35		12					Standard	13210-QC
	R 3/8	17	38		12					Standard	13220
	R 1/2	22	40		14					Standard	13230
 Female Thread	G 1/8	13	32		8,5					Standard	13405
	G 1/4	16	36		10					Standard	13410
	G 3/8	20	36		10					Standard	13420
	G 1/2	25	39		12					Standard	13430-QC
 Hose Barb	6 mm		44	12	23					Standard	13006
	8 mm		44	12	23					Standard	13008-QC
	10 mm		44	12	24					Standard	13010-QC
	12 mm		47	12	23					Standard	13012-QC

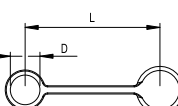
Safety Plug

TEMA Series 1300/1300 E

	Connection A	SW mm	L mm	D mm	L1 mm	L2 mm	SW1 mm	B mm	G mm	Version	Part Number
 Female Thread	G 1/4	20	53		12					Standard	13410 S

Dust Protection

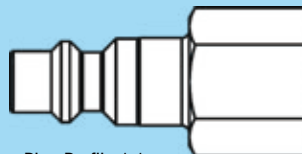
TEMA Series 1300/1300 E

		L mm	D mm	Material	Color	Part Number
						
	Coupling	120	18	PVC	Red	1315-QC
	Plug	90	18	PVC	Red	1325-QC



Nominal Diameter

5.5

 = 25 mm²


Plug Profile 1:1

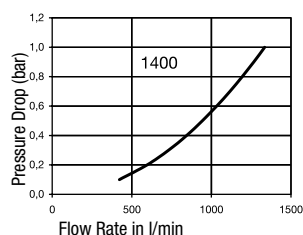
TEMA Series

1400

Actual size

**Technical Description**

1400 is a product series used mainly in compressed air applications. It is best suited for small to medium sized pneumatic systems and compressed air tools with flows up to 900 litres per minute. The 1/4" coupling is conforming to ISO 6150 B and has can be operated with minimum force. This series require one hand to connect and one hand to disconnect.

Chart
Air
**Advantages**

Minimum coupling force needed
Single hand operation
Robust design
High corrosion resistance

Interchangeability

INDUSTR. INTERCHANGE 1/4"
US-MIL-SPEC-C-4109
ISO 6150 B
RECTUS 23 + 24
RECTUS 1423
TEMA 1400
CEJN 310, HANSEN 3000
FASTER, GROMELLE 600
PARKER 20 1/4" + 30 1/4"
JWL 521 + JWL 531

Material**Coupling**

Backbody
Valve Body
Sleeve
Valve
Spring Plate
Spring, Locking Ring
Locking Balls
Seals

Standard

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

Plug

Plug

Steel, Hardened, Zinc-Plated

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)

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

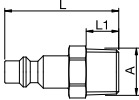
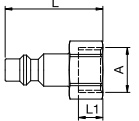
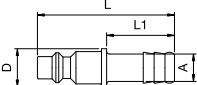
Coupling with valve

TEMA Series 1400

	Connection A	SW mm	L mm	D mm	L1 mm	L2 mm	SW1 SW1	B mm	Seal	Version	Old Part Number	New Part Number
 Male Thread	R 1/4	19	65	23	12				NBR	Standard	1400 C	1400KA AK 13SPN
	R 3/8	19	65	23	12				NBR	Standard	1400 D	1400KA AK17 SPN
	R 1/2	22	59,5	23	17				NBR	Standard	1400 F	1400KA AK21 SPN
 Female Thread	G 1/4	19	59	23	9				NBR	Standard	1400	1400KA IW13 SPN
	G 3/8	19	59	23	9				NBR	Standard	1400 A	1400KA IW17 SPN
	G 1/2	24	62	23	12				NBR	Standard	1400 G	1400KA IW21 SPN
 Hose Barb	6 mm	19	80	23	25				NBR	Standard	1400 K06	1400KA TF06 SPN
	8 mm	19	80	23	25				NBR	Standard	1400 K08	1400KA TF08 SPN
	10 mm	19	80	23	25				NBR	Standard	1400 K10	1400KA TF10 SPN
	12 mm	19	80	23	25				NBR	Standard	1400 K12	1400KA TF13 SPN

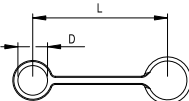
Plugs without valve

TEMA Series 1400

	Connection A	SW mm	L mm	D mm	L1 mm	L2 mm	SW1 mm	B mm	G mm	Version	Old Part Number	New Part Number
 Male Thread	R 1/8	13	39		9					Standard	14110	23SF AK10 SXN
	R 1/4	14	42		12					Standard	14210	23SF AK13 SXN
	R 3/8	17	42		12					Standard	14220	23SF AK17 SXN
	R 1/2	22	48		17					Standard	14230	23SF AK21 SXN
 Female Thread	G 1/8	14	36		9					Standard	14405	23SF IW10 SXN
	G 1/4	17	36		9					Standard	14410	23SF IW13 SXN
	G 3/8	19	36		9					Standard	14420	23SF IW17 SXN
	G 1/2	24	39		12					Standard	14430	23SF IW21 SXN
 Hose Barb	6 mm		51	14	25					Standard	14006	23SF TF06 SXN
	8 mm		51	14	25					Standard	14008	23SF TF08 SXN
	10 mm		51	14	25					Standard	14010	23SF TF10 SXN
	10 mm		51	14	25					Brass	14010 M	23SF TF10 MXX
	13 mm		51	15	25					Standard	14012	23SF TF13 SXN

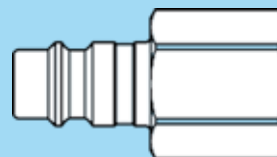
Dust Protection

TEMA Series 1400

		L mm	D mm	Material	Color	Part Number
						
	Coupling	145	46	PVC	Blue	3826
	Plug	90	18	PVC	Red	1325-QC



Nominal Diameter

7.8 = 48 mm²


Plug Profile 1:1

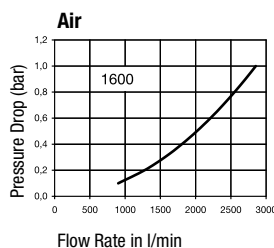
TEMA Series

1600

Actual size

**Technical Description**

1600 is a product series used mainly in compressed air applications. It is best suited for medium to large sized pneumatic systems and compressed air tools with flows up to 2000 litres per minute. The 1/4" coupling is conforming to ISO 6150 B and has can be operated with minimum force. This series require one hand to connect and one hand to disconnect.

Chart**Advantages**

Minimum coupling force needed
Single hand operation
Robust design
High corrosion resistance

Interchangeability

RECTUS 25 + 26
RECTUS 1625
TEMA 1600
CEJN 320
JWL 520 + JWL 530
various German products

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)

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

Material**Coupling**

Backbody
Valve Body
Sleeve
Valve
Spring Plate
Spring, Locking Ring
Locking Balls
Seals

Standard

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

Plug

Plug

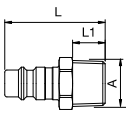
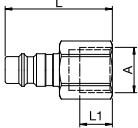
Steel, Hardened and Zinc-Plated

Couplings with valve**TEMA Series 1600**

	Connection A	SW mm	L mm	D mm	L1 mm	L2 mm	SW1 SW1	B mm	Seal	Version	Old Part Number	New Part Number
 Male Thread	R 1/4	19	65	23	12				NBR	Standard	1600 D	1600KAAK13SPN
	R 3/8	19	65	23	12				NBR	Standard	1600 A	1600KAAK17SPN
	R 1/2	22	59,5	23	17				NBR	Standard	1600 C	1600KAAK21SPN
 Female Thread	G 1/4	19	59	23	9				NBR	Standard	1600	1600KAIW13SPN
	G 3/8	19	59	23	9				NBR	Standard	1600 B	1600KAIW17SPN
	G 1/2	24	62	23	12				NBR	Standard	1600 F	1600KAIW21SPN
 Hose Barb	6 mm	19	80	23	25				NBR	Standard	1600 K06	1600KATF06SPN
	8 mm	19	80	23	25				NBR	Standard	1600 K08	1600KATF08SPN
	10 mm	19	80	23	25				NBR	Standard	1600 K10	1600KATF10SPN
	13 mm	19	80	23	25				NBR	Standard	1600 K12	1600KATF13SPN

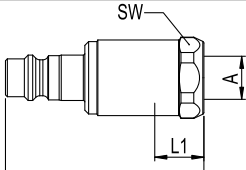
Plugs without valve

TEMA Series 1600

	Connection A	SW mm	L mm	D mm	L1 mm	L2 mm	SW1 mm	B mm	G mm	Version	Old Part Number	New Part Number
 Male Thread	R 1/8	13	33		9					Standard	16110-QC	25SF AK10 SXZ
	R 1/4	14	37		12					Standard	16210-QC	25SF AK13 SXZ
	R 3/8	17	37		12					Standard	16220-QC	25SF AK17 SXZ
	R 1/2	22	43		17					Standard	16230	25SF AK21 SXZ
 Female Thread	G 1/8	14	30		7					Standard	16405	25SF IW10 SXZ
	G 1/4	17	38,5		9					Standard	16410	25SF IW13 SXZ
	G 3/8	19	39,5		9					Standard	16420	25SF IW17 SXZ
	G 1/2	24	44		12					Standard	16430	25SF IW21 SXZ
 Hose Barb	6 mm		48	12	25					Standard	16006	25SF TF06 SXZ
	8 mm		48	12	25					Standard	16008-QC	25SF TF08 SXZ
	10 mm		48	12	25					Standard	16010	25SF TF10 SXZ
	12 mm		46	16	24					Standard	16012	25SF TF12 SXZ ??

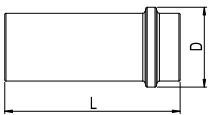
Safety Plug

TEMA Series 1600

	Connection A	SW mm	L mm	D mm	L1 mm	L2 mm	SW1 mm	B mm	G mm	Version	Part Number
 Female Thread	G 1/4	20	53		12					Standard	16410 S

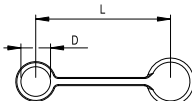
Protective Sleeve - Coupling

TEMA Series 1600

	L mm	D mm	Material	Color	Part Number
	73	33	EBA	Black	1300-351 BK

Dust Protection

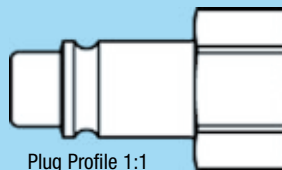
TEMA Series 1600

		L mm	D mm	Material	Color	Part Number
						
	Coupling	120	18	PVC	Red	1315-QC
	Plug	90	18	PVC	Red	1325-QC



Nominal Diameter

8

= 50 mm²

Plug Profile 1:1

TEMA Series

1650

Actual size

**Technical Description**

Steel industrial coupling with high flow performance due to UltraFlo technology. Interchangeable with Atlas Copco profile. Specially suited to use with gaseous media in industry.

Advantages

Single handed operation. Extremely high flow performance from optimum valve design.

Working Pressure

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

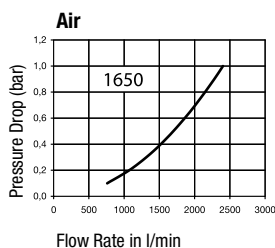
Interchangeability

RECTUS 33KA
ATLAS COPCO QIC 10

Working Temperature*

-20°C up to +100°C (NBR)

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

Chart**Material****Coupling**

Backbody
Valve Body
Sleeve
Valve
Inner Sleeve
Spring Plate
Spring, Locking Ring
Locking Balls
Seals

Standard

Brass, Nickel Plated
Steel, Zinc Plated
Steel, Hardened, Nickel Plated
Brass
Brass
Brass
AISI 301
AISI 420
NBR

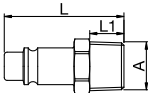
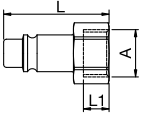
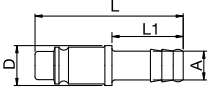
Plug

Plug

Steel, Hardened, Nickel Plated

Couplings with valve**TEMA Series 1650**

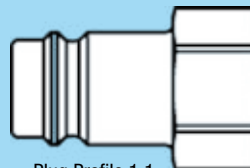
	Connection A	SW mm	L mm	D mm	L1 mm	L2 mm	SW1 SW1	B mm	Seal	Version	Part Number
 Male Thread	R 1/4	19	60	23	12				NBR	Standard	1650 D
	R 3/8	19	59	23	12				NBR	Standard	1650 A
	R 1/2	22	60	23	17				NBR	Standard	1650 C
 Female Thread	G 1/4	19	55	23	10				NBR	Standard	1650
	G 3/8	19	54	23	9				NBR	Standard	1650 B
	G 1/2	24	57	23	12				NBR	Standard	1650 F
 Hose Barb	6 mm	19	73	23	25				NBR	Standard	1650 K06
	8 mm	19	73	23	25				NBR	Standard	1650 K08
	10 mm	19	73	23	25				NBR	Standard	1650 K10
	13 mm	19	73	23	25				NBR	Standard	1650 K12

	Connection A	SW mm	L mm	D mm	L1 mm	L2 mm	SW1 mm	B mm	G mm	Version	Part Number
 Male Thread	R 1/8	14	40		9					Standard	165110
	R 1/4	14	42		12					Standard	165210-QC
	R 3/8	17	42		12					Standard	165220
	R 1/2	22	47		17					Standard	165230
 Female Thread	G 1/8	14	34		7					Standard	165405
	G 1/4	17	37		9					Standard	165410
	G 3/8	17	37		9					Standard	165420
	G 1/2	24	42		12					Standard	165430
 Hose Barb	6 mm		52	14	25					Standard	165006-QC
	8 mm		52	14	25					Standard	165008-QC
	10 mm		52	15	25					Standard	165010
	13 mm		52	15	25					Standard	165012



Nominal Diameter

10

 = 80 mm²


Plug Profile 1:1

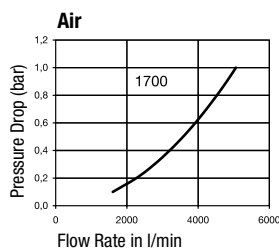
TEMA Series

1700

80% of actual size

**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.

Chart**Advantages**

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

Interchangeability

RECTUS 27
RECTUS 1727
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)

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

Material**Coupling**

Backbody
Valve Body
Sleeve
Valve
Spring
Locking Ring, Locking Balls
Seals

Standard

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

Plug

Plug

Steel, Hardened, Zinc-Plated

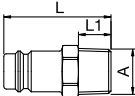
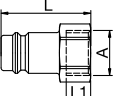
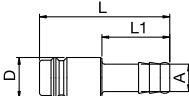
Couplings with valve

TEMA Series 1700

	Connection A	SW mm	L mm	D mm	L1 mm	L2 mm	SW1 SW1	B mm	Seal	Version	Part Number
 Male Thread	R 3/8	24	70	27	12				NBR	Standard	1700KA AK17 SPN
	R 1/2	24	75	27	17				NBR	Standard	1700KA AK21 SPN
	R 3/4	27	64	27	17				NBR	Standard	1700KA AK26 SPN
 Female Thread	G 3/8	24	64,5	27	10				NBR	Standard	1700KA IW17 SPN
	G 1/2	24	68	27	11				NBR	Standard	1700KA IW21 SPN
	G 3/4	32	69	27	14				NBR	Standard	1700KA IW26 SPN
 Hose Barb	10 mm	24	80	27	21				NBR	Standard	1700KA TF10 SPN
	13 mm	24	80	27	21				NBR	Standard	1700KA TF13 SPN
	16 mm	24	80	27	21				NBR	Standard	1700KA TF16 SPN

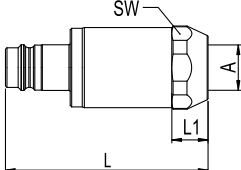
Plugs without valve

TEMA Series 1700

	Connection A	SW mm	L mm	D mm	L1 mm	L2 mm	SW1 mm	B mm	G mm	Version	Old Part Number	New Part Number
 Male Thread	R 1/4	17	40		12					Standard	17110	27SF AK13 SXN
	R 3/8	17	40		12					Standard	17210	27SF AK17 SXN
	R 1/2	22	45		17					Standard	17220	27SF AK21 SXN
	R 3/4	27	48		19					Standard	27SF AK26 SXN	27SF AK26 SXN
 Female Thread	G 1/4	17	33		9					Standard	27SF IW13 SXN	27SF IW13 SXN
	G 3/5	19	33		12					Standard	17410	27SF IW17 SXN
	G 1/2	24	37		12					Standard	17420	27SF IW21 SXN
	G 3/4	32	42		16					Standard	27SF IW26 SXN	27SF IW26 SXN
 Hose Barb	6 mm		48	15	25					Standard	27SF TF06 SXN	27SF TF06 SXN
	8 mm		48	15	25					Standard	17008-QC	27SF TF08 SXN
	9 mm		48	15	25					Standard	27SF TF09 SXN	27SF TF09 SXN
	10 mm		48	15	25					Standard	17010-QC	27SF TF10 SXN
	13 mm		48	15	25					Standard	17012	27SF TF12 SXN
	16 mm		48	18	25					Standard	17016-QC	27SF TF16 SXN
	19 mm		48	21	25					Standard	17019	27SF TF19 SXN

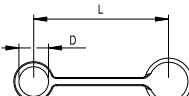
Safety Plug

TEMA Series 1700

	Connection A	SW mm	L mm	D mm	L1 mm	L2 mm	SW1 mm	B mm	G mm	Version	Part Number
 Female Thread											
	G 3/8	16	67		12					Standard	17410 S

Dust Protection

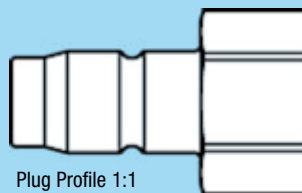
TEMA Series 1700

		L mm	D mm	Material	Color	Part Number
						
	Coupling	195	76	PVC	Blue	7526
	Plug	170	60	PVC	Blue	2526-QC



Nominal Diameter

10

= 80 mm²

Plug Profile 1:1

TEMA Series

1750

85% of actual size

**Technical Description**

Industrial profile with UltraFlo technology. Interchangeable with Atlas Copco profiles. High flow performance. The robust design and steel sleeve make it optimal for use with large pneumatic consumers.

Advantages

Single handed operation. Low Pressure drop. No damage to the valve body from binding design.

Interchangeability

RECTUS 34KA
ATLAS COPCO QIC 15

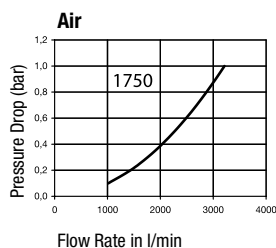
Working Pressure

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

Working Temperature*

-20°C up to +100°C (NBR)

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

Chart**Material****Coupling**

Backbody
Valve Body
Sleeve
Valve
Inner Sleeve
Spring Plate
Spring and Locking Ring
Locking Balls
Seals

Standard

Brass, Nickel Plated
Steel, Nickel Plated
Steel, Hardened, Nickel Plated
Brass
Brass
Brass
AISI 301
AISI 420
NBR

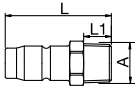
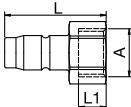
Plug

Plug

Steel, Hardened, Nickel Plated

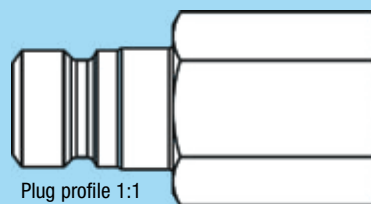
Couplings with valve**TEMA Series 1750**

	Connection A	SW mm	L mm	D mm	L1 mm	L2 mm	SW1 SW1	B mm	Seal	Version	Part Number
Male Thread	R 1/4	24	70	28	12				NBR	Standard	1750 D
	R 3/8	24	70	28	12				NBR	Standard	1750 A
	R 1/2	24	72	28	12				NBR	Standard	1750 C
	R 3/4	27	72	28	12				NBR	Standard	1750 G
Female Thread	G 1/4	24	64	28	9				NBR	Standard	1750 B
	G 3/8	24	64	28	12				NBR	Standard	1750
	G 1/2	24	64	28	12				NBR	Standard	1750 F
	G 3/4	24	64	28	12				NBR	Standard	1750 E
Hose Barb	6 mm	24	84	28	25				NBR	Standard	1750 K06
	8 mm	24	84	28	25				NBR	Standard	1750 K08
	10 mm	24	84	28	25				NBR	Standard	1750 K10
	12 mm	24	84	28	25				NBR	Standard	1750 K12
	16 mm	24	84	28	25				NBR	Standard	1750 K16
	19 mm	24	84	28	25				NBR	Standard	1750 K19

	Connection A	SW mm	L mm	D mm	L1 mm	L2 mm	SW1 mm	B mm	G mm	Version	Part Number
 Male Thread	R 1/4	17	46		12					Standard	175110
	R 3/8	19	46		12					Standard	175210
	R 1/2	22	52		17					Standard	175220
 Female Thread	G 1/4	19	40		9					Standard	175410
	G 3/8	19	40		9					Standard	175420
	G 1/2	24	44		12					Standard	175430
 Hose Barb	6 mm		55	15	25					Standard	175006
	10 mm		55	15	25					Standard	175010
	13 mm		55	15	25					Standard	175012-QC
	16 mm		55	18	25					Standard	175016



Nominal Diameter

10 = 78 mm²


Plug profile 1:1

TEMA Series

1800
**Technical Description**

Industrial coupling for pneumatic tools. Robust design for long service durability. Two hand operated.

Advantages

Excellent flow performance.
Wide field of applications.

Working Pressure

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

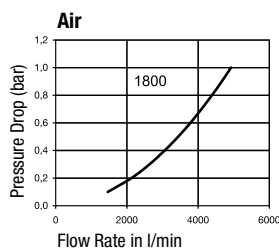
Interchangeability

TEMA 1800 E
RECTUS 32 KA

Working Temperature*

-20°C up to +100°C (NBR)

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

Chart**Material****Coupling**

Back Body
Valve Body
Locking Sleeve
Valve
Springs
Locking Balls
Seals

Standard

Brass, Nickel Plated
Brass, Chrome Plated
Brass, Nickel Plated
Brass
AISI 301
AISI 420 C
NBR

Plug

Plug

Steel, hardened, zinc plated, passivated

Couplings with valve**TEMA Series 1800**

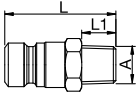
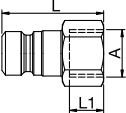
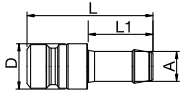
	Connection A	SW mm	L mm	D mm	L1 mm	L2 mm	SW1 SW1	B mm	Seal	Version	Part Number
 Male Thread	R 1/2	22	54	27	13				NBR	Standard	1800 A
 Female Thread	G 3/8	22	54	27	10				NBR	Standard	1800-QC
	G 1/2	24	55	27	10				NBR	Standard	1800 B
	G 3/4	30	57	27	11				NBR	Standard	1800 C

Couplings without valve**TEMA Series 1800**

	Connection A	SW mm	L mm	D mm	L1 mm	L2 mm	SW1 SW1	B mm	Seal	Version	Part Number
 Female Thread	G 3/8	22	43	27					NBR	Standard	1800 H
	G 3/8	22	43	27					FKM	Standard	1800 HV

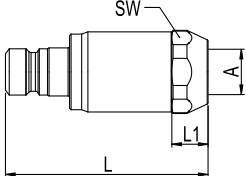
Plugs

TEMA Series 1800

	Connection A	SW mm	L mm	D mm	L1 mm	L2 mm	SW1 mm	B mm	G mm	Version	Part Number
 Male Thread	R 1/8	16	36		10					Standard	18105
	R 1/4	16	39		12					Standard	18110 A
	G 1/4	16	35		9					Standard	18110
	R 3/8	17	38		12					Standard	18210 A
	G 3/8	17	36		10					Standard	18210
	R 1/2	22	40		14					Standard	18220
	R 3/4	27	43		16					Standard	18230
 Female Thread	G 1/4	16	36		10					Standard	18405
	G 3/8	20	36		10					Standard	18410
	G 1/2	25	39		12					Standard	18420
	G 3/4	30	54		12					Brass	18430 M
 Hose Barb	6 mm		44	16	23					Standard	18006
	8 mm		44	16	23					Standard	18008
	10 mm		44	16	23					Standard	18010
	13 mm		45	16	24					Standard	18012
	16 mm		47	18	24					Standard	18016
	19 mm		47	21	24					Standard	18019

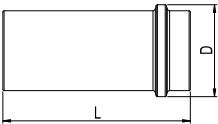
Safety plug

TEMA Series 1800

	Connection A	SW mm	L mm	D mm	L1 mm	L2 mm	SW1 mm	B mm	G mm	Version	Part Number
 Female Thread											
	G 3/8	26	67		10					Standard	18410 S

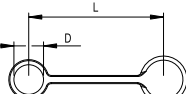
Protective Sleeve - Coupling

TEMA Series 1800

	L mm	D mm	Material	Color	Part Number
	78	38	EBA	Blue	1800-351

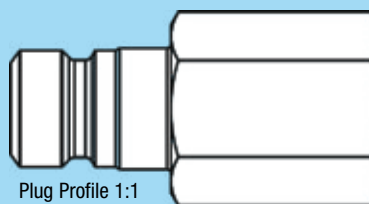
Dust Protection

TEMA Series 1800

		L mm	D mm	Material	Color	Part Number
						
	Coupling	170	52	PVC	Blue	5026-QC
	Plug	170	60	PVC	Blue	2526-QC



Nominal Diameter

10 = 80 mm²


Plug Profile 1:1

TEMA Series

1800 E

85 % of actual size

**Technical Description**

Industrial coupling with UltraFlo technology demonstrates high flow performance. Used widely in the Scandinavian market. Especially suitable for use with liquid and gaseous media in the industrial area.

Advantages

Single handed operation. Extremely high flow performance.

Interchangeability

Tema design
RECTUS 32 KA

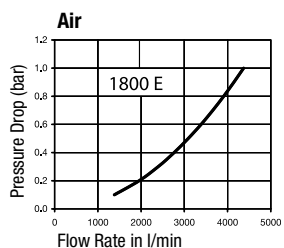
Working Pressure

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

Working Temperature*

-20°C up to +100°C (NBR)

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

Chart**Material****Coupling**

Backbody
Valve Body
Sleeve
Valve
Distanshylsor
Spring Plate
Spring, Locking Ring
Locking Balls
Seals

Standard

Brass, Nickel Plated
Brass, Chrome Plated
Brass, Nickel Plated
Brass
Brass
Brass
AISI 301
AISI 420 C
NBR

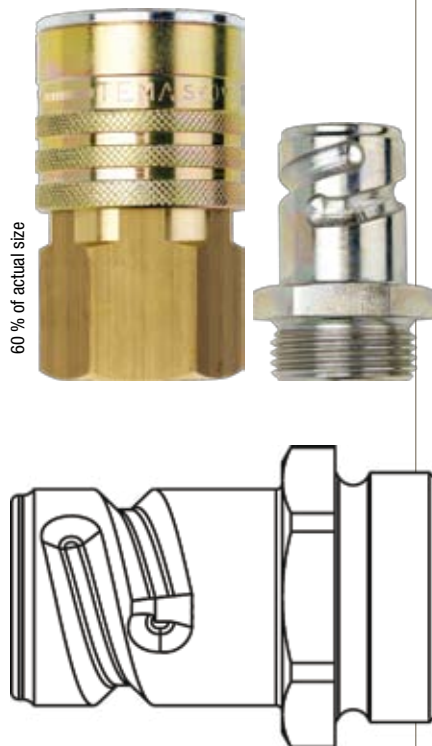
Plug

Plug

Steel, Hardened, Zinc-Plated

Couplings with valve**TEMA Series 1800 E**

	Connection A	SW mm	L mm	D mm	L1 mm	L2 mm	SW1 SW1	B mm	Seal	Version	Part Number
 Male Thread	R 3/8	23	69	27	11				NBR	Standard	1800 ED
	R 1/2	23	69	27	13				NBR	Standard	1800 EA
	R 3/4	27	73	27	15				NBR	Standard	1800 EF
 Female Thread	G 3/8	23	65	27	10				NBR	Standard	1800 E
	G 1/2	25	65	27	10				NBR	Standard	1800 EB
	G 3/4	30	67	27	11				NBR	Standard	1800 EC
 Hose Barb	10 mm	23	82	27	23				NBR	Standard	1800 EK10
	13 mm	23	82	27	24				NBR	Standard	1800 EK12
	19 mm	23	82	27	24				NBR	Standard	1800 EK16
	19 mm	23	82	27	24				NBR	Standard	1800 EK19



Technical Description

2100 is a product series used mainly in compressed air applications. It is best suited for large sized pneumatic systems and compressed air tools with needs for very high air flows up to 12000 litres per minute. This product has a unique safety feature which requires a twist and push/pull movement during connection/disconnection. It has also an automatic decompressing feature to enable easy handling.

Advantages

Very high flow performance
Robust design
High corrosion resistance
Safety operation features

Interchangeability

Tema design

Working Pressure

PB = 20 bar, maximum static working pressure with safety factor of 4 to 1.

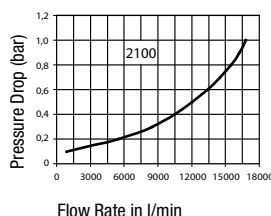
Working Temperature*

-40°C up to +100°C (NBR)
-25°C up to +200°C (FKM)

*At a temperature below -40°C and above +100°C special seals are available on request.

Chart

Air



Material

Coupling

Coupling
Valve
Sleeve
Distansring
Spring/Locking Ring
Locking Balls
Seals

Standard

Brass
Brass
Steel, Hardened, gulpassiverad
Steel, Hardened, blankpassiverad
AISI 301
AISI 420 C
NBR

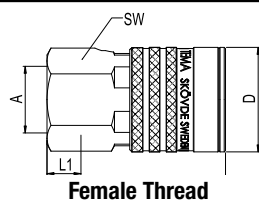
Plug

Plug

Steel, Hardened, Passivated

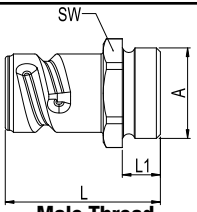
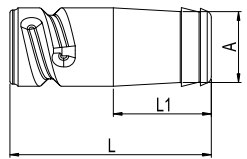
Couplings with valve

TEMA Series 2100

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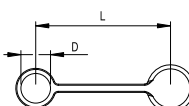
Plugs without valve

TEMA Series 2100

	Connection A	SW mm	L mm	D mm	L1 mm	L2 mm	SW1 mm	B mm	G mm	Version	Part Number
 Male Thread	G 1	36	57							Standard	21210
 Hose Barb	19 mm		74							Standard	21019-QC
	25 mm		40							Standard	21025
	32 mm		42							Standard	21032-QC

Dust Protection

TEMA Series 2100

		L mm	D mm	Material	Color	Part Number
						
	Coupling	230	76	PVC	Blue	10026
	Plug	170	52	PVC	Blue	5026-QC