



Nominal Diameter

35

 = 960 mm²

TEMA Series



T15000

40% of actual size

**Technical Description**

This coupling system can be used as straight-through and double shut-off. Also available in stainless steel and brass.

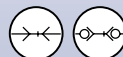
Advantages

Straight-through – minimum pressure drop. Double safety through a double O-ring seal. A safety closing ring prevents unintentional uncoupling. Corrosion resistant. Compact dimensions. Pressure eliminator

is available for coupling and plug. With pressure eliminator, can be coupled up to operating pressure.

Please note: When ordering a coupling with a pressure eliminator, the corresponding plug must also be equipped with a pressure eliminator.

Connected length in total: 173 mm

Available Valves**Working Pressure**

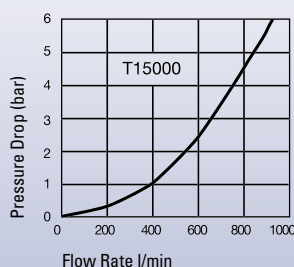
See chart.

Working Temperature*

-30°C up to +100°C (NBR)
-20°C up to +200°C (FKM)
depending on the medium.

*At a temperature below -40°C and above +200°C special seals are available on request.

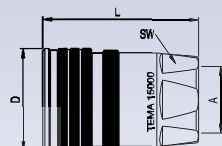
Flow Capacity
Viscosity for 32cSt at 40°C
as per ISO 7241/2-2000



Material	Standard	Stainless Steel	Brass Version
Coupling			
Coupling Body	Steel, Zinc Plated, Yellow passivated, sealed	AISI 316	Brass
Sleeve	Steel Hardened, Zinc Plated, Yellow passivated, sealed	AISI 316	Brass
Locking Ring	Brass, Zinc-iron coated, Black passivated, sealed	AISI 316	Brass
Valve	Brass	AISI 316	Brass
Springs	AISI 301	AISI 301	AISI 301
Locking Balls	AISI 420 C	AISI 420 C	AISI 420 C
Seals	NBR/FKM	FKM	NBR/FKM
Valve Holder	AISI 316	AISI 316	AISI 316
Plug			
Plug Body	Steel Hardened, Zinc Plated, Yellow passivated, sealed	AISI 316	Brass
Valve	Brass	AISI 316	Brass
Springs	AISI 301	AISI 301	AISI 301
Seals	NBR/FKM	FKM	NBR/FKM
Valve Holder	AISI 316	AISI 316	Brass
Pressures			
Bursting Pressure coupled	> 800 bar	> 600 bar	> 200 bar
Working Pressure uncoupled	180 bar	150 bar	50 bar

Couplings

TEMA Series T15000



Female Thread

Conne- ction A	Hex SW	L mm	D mm	Valve	Working press. in bar	Version	Seal	Part Number	DS
G 1 1/2	60	112	73	with	200	Standard	NBR	T15010	■
G 1 1/2	60	112	73	with	200	Standard	FKM	T15010 V	■
G 1 1/2	60	112	73	with	50	Brass	NBR	T15010 M	■
G 1 1/2	60	112	73	with	50	Brass	FKM	T15010 MV	■
G 1 1/2	60	112	73	with	150	Stainless Steel	FKM	T15010 RV ²⁾	■
G 1 1/2	60	112	73	without	200	Standard	NBR	T15010 UV	■
G 1 1/2	60	112	73	without	200	Standard	FKM	T15010 VUV	■
G 1 1/2	60	112	73	without	50	Brass	NBR	T15010 MUV	■
G 1 1/2	60	112	73	without	50	Brass	FKM	T15010 MVUV	■
G 1 1/2	60	112	73	without	150	Stainless Steel	FKM	T15010 RVUV ²⁾	■

DS = Delivery Status:

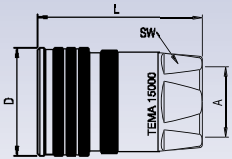


■ in stock

■ on short call

■ medium term delivery

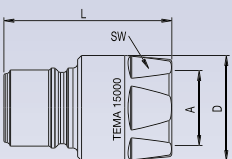








Couplings with Pressure Eliminator

TEMA Series T15000

	Connec- tion A	Hex SW	L mm	D mm	Valve	Working press. in bar	Version	Seal	Part Number	DS
 <p>Female Thread</p>	G 1 1/2	60	112	73	with	200	Standard	NBR	T15011	
	G 1 1/2	60	112	73	with	200	Standard	FKM	T15011 V	

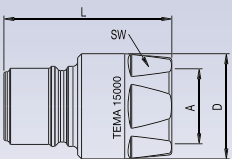


Plugs

TEMA Series T15000

	Connec- tion A	Hex SW	L mm	D mm	Valve	Working press. in bar	Version	Seal	Part Number	DS
 <p>Female Thread</p>	G 1 1/2	60	107	67	with	200	Standard	NBR	T15020	
	G 1 1/2	60	107	67	with	200	Standard	FKM	T15020 V	
	G 1 1/2	60	107	67	with	50	Brass	NBR	T15020 M	
	G 1 1/2	60	107	67	with	50	Brass	FKM	T15020 MV	
	G 1 1/2	60	107	67	with	150	Stainless Steel	FKM	T15020 RV ²⁾	
	G 1 1/2	60	107	67	without	200	Standard		T15020 UV	
	G 1 1/2	60	107	67	without	50	Brass		T15020 MUV	
	G 1 1/2	60	107	67	without	150	Stainless Steel		T15020 RUV ²⁾	

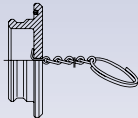
Plugs with Pressure Eliminator

TEMA Series T15000

	Connec- tion A	Hex SW	L mm	D mm	Valve	Working press. in bar	Version	Seal	Part Number	DS
 <p>Female Thread</p>	G 1 1/2	60	107	67	with	200	Standard	NBR	T15021	
	G 1 1/2	60	107	67	with	200	Standard	FKM	T15021 V	

²⁾ For pulsating pressure, the pressure must not exceed 50 % of the given value

Seal-Kit for Coupling				TEMA Series T15000
Description		Material	Part Number	DS
	Coupling	NBR	T15000-PSN	<input type="checkbox"/>
	Coupling	FKM	T15000-PSV	<input type="checkbox"/>
	Further sealing materials on request.			

Dust Protection							TEMA Series T15000
Description		L mm	D mm	Material	Color	Part Number	DS
	Coupling	310	56	POM	Black	T15015	<input type="checkbox"/>
	Plug	300	56	POM	Black	T15025	<input type="checkbox"/>

¹⁾ Valve made of brass

²⁾ For pulsating pressure, the pressure must not exceed 50 % of the given value