



Nominal Diameter

6.5 = 32 mm<sup>2</sup>

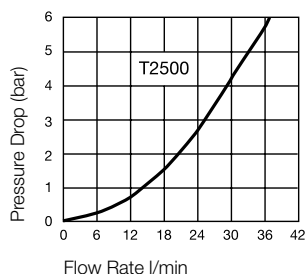
TEMA Series

T2500

90% of actual size



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

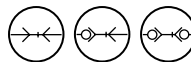
**Technical Description**

The coupling system is available as double shut-off, straight-through or with single shut-off version. Single shut-off only on the side of the coupling. Also available in stainless steel. From series 2500 double O-ring seal.

**Connected length in total:**  
81 mm

**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.

**Available Valves****Working Pressure**

See chart.

**Working Temperature\***

-30°C up to +100°C (NBR)  
-25°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.

**Material****Coupling**

Coupling Body  
Sleeve  
Locking Ring

Valve  
Adapter  
Springs  
Locking Balls  
Seals  
Valve Holder (up to 100°C)  
Valve Holder (over 100°C)

**Plug**

Plug Body

Valve  
Springs  
Seals

**Pressures**

Bursting Press. coupled  
Working Press. uncoupled

**Standard**

Brass, Nickel Pl., Chromated  
Brass, Nickel Pl., Chromated  
Brass, Zinc-iron coated,  
Black passivated, sealed  
Brass  
Brass, Nickel Plated  
AISI 301  
AISI 420 C  
NBR/FKM  
Zinc Casting  
Brass

Steel Hardened, Zinc Plated,  
Yellow passivated, sealed  
AISI 301  
NBR/FKM

**Stainless Steel**

AISI 316  
AISI 316  
AISI 316  
AISI 316  
AISI 301  
AISI 420 C  
FKM  
AISI 316  
AISI 316

**Diver's Coupling**

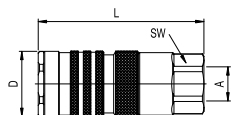
Brass, Chromated  
Brass, Chromated  
Brass, Zinc Chromated  
Conversion Coated  
Brass  
Brass, Chromated  
AISI 301  
AISI 304  
NBR  
Zinc Casting

>1000 bar  
250 bar

>100 bar  
10 bar

**Couplings****TEMA Series T2500**

	Connec- tion A	Hex SW	L mm	D mm	Valve	Working press. in bar	Version	Seal	Part Number	DS
	G 1/4	21	64	25	with	450	Standard	NBR	T2510	■
	G 1/4	21	64	25	with	450	Standard	FKM	T2510 V	■□
	G 1/4	21	64	25	with	250	Stainless Steel	FKM	T2510 RV <sup>2)</sup>	■□
	G 1/4	21	64	25	without	450	Standard	NBR	T2510 UV	■□
	G 1/4	21	64	25	without	450	Standard	FKM	T2510 VUV	■□
	G 1/4	21	64	25	without	250	Stainless Steel	FKM	T2510 RVUV <sup>2)</sup>	■□
	G 1/4	21	64	25	with	10	Diver's Coupling	NBR	T2510 ELRF	■□



Female Thread

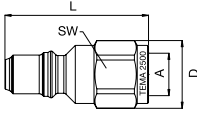
DS = Delivery Status: ■ in stock

■□ on short call

■□ medium term delivery

# Plugs

# TEMA Series T2500

	Connec- tion A	Hex SW	L mm	D mm	Valve	Working press. in bar	Version	Seal	Part Number	DS
 <p>Female Thread</p>	G 1/4	19	45	21	with	450	Standard	NBR	T2520	■
	G 1/4	19	45	21	with	450	Standard	FKM	T2520 V	■
	G 1/4	19	45	21	with	250	Stainless Steel	FKM	T2520 RV <sup>2)</sup>	■
	G 1/4	19	45	21	with	250	Stainless Steel	FKM	T2520 RFV <sup>1)</sup> <sup>2)</sup>	■
	G 1/4	19	45	21	with	170	Stainless Steel	FKM	T2520 RFV2 <sup>1)</sup> <sup>2)</sup> <sup>4)</sup>	■
	G 1/4	19	45	21	without	450	Standard		T2520 UV	■
	G 1/4	19	45	21	without	250	Stainless Steel		T2520 RUV <sup>2)</sup>	■
	G 1/4	19	45	21	without	450	Stainless Steel		T2520 RHUV <sup>3)</sup>	■
	G 1/4	19	45	21	without	170	Stainless Steel		T2520 RFUV2 <sup>2)</sup> <sup>3)</sup>	■

# Seal-Kit for Coupling

# TEMA Series T2500

Description	Material	Part Number	DS
Coupling	NBR	T2500-PSN	■
Coupling	FKM	T2500-PSV	■
Further sealing materials on request.			

# Dust Protection

# TEMA Series T2500

Description	L mm	D mm	Material	Color	Part Number	DS
Coupling	145	44	PVC	Blue	T2516	■
Plug	145	42	PVC	Blue	T2526	■
Further colors on request.						

<sup>1)</sup> Valve made of brass

<sup>2)</sup> For pulsating pressure, the pressure must not exceed 50% of the given value

<sup>3)</sup> Material, AISI 420 hardened

<sup>4)</sup> Suitable for high pressure water, AISI 303