



Nominal Diameter

19 / 13 = 314 mm<sup>2</sup> / 133 mm<sup>2</sup>



TEMA Series

RECTUS Series

TIB7500 / 75 KB

55% of actual size



**Technical Description**

The 75KB and TIB7500 series plug profiles conform to ISO Standard 7241-1 series B and are compatible with other makes of the same standard. In order to achieve the best possible corrosion protection, the steel plug is yellow passivated and sealed after galvanisation.

**Advantages**

The patented pressure eliminator allows for coupling under static and residual pressure, up to operating pressure. It is available in the TIB series in couplings and plugs. Both series are equipped with double O-ring plus backup ring as standard.

**Working Temperature\***

**TIB Series:**  
-30°C up to +100°C (NBR)  
-25°C up to +200°C (FKM)

**75KB Series:**  
-20°C up to +100°C (NBR)  
-15°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.

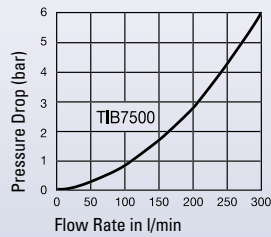
**Available Valves**



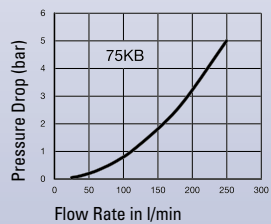
**Working Pressure**

See chart.

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



**Chart 75KB / Water**



Material	Standard	Brass Version	Stainless Steel Versions	
<b>Coupling</b>	<b>TIB 7500 Series</b>	<b>75KB Series</b>	<b>AISI 303</b>	<b>AISI 316 L</b>
Coupling Body	Steel, Zinc Plated, Yellow passivated, sealed	Brass	AISI 303	AISI 316 L
Sleeve	Steel, Zinc Plated, Yellow passivated, sealed	Brass	AISI 303	AISI 316 L
Valve	Brass	Brass	AISI 303	AISI 316 L
Springs	AISI 301	AISI 301	AISI 301	AISI 316 Ti
Locking Balls	AISI 420 C	AISI 420	AISI 316	AISI 316
Seals	NBR/FKM	NBR	FKM	FKM
Valve Holder	Brass	Brass	AISI 301	AISI 316 L
<b>Plug</b>				
Plug Body	Steel, Hardened, Zinc Pl., Yellow passivated, sealed	Brass	AISI 303	AISI 316 L
Valve	Brass	Brass	AISI 303	AISI 316 L
Springs	AISI 301	AISI 301	AISI 301	AISI 316 Ti
Seals	NBR/FKM	NBR	FKM	FKM
Valve Holder	Brass	Brass	AISI 301	AISI 316 L

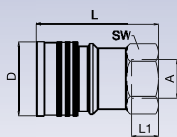
**Pressure (Coupling/Plug)**

Bursting Pressure coupl. > 1200 bar/1600 bar  
Working Pressure uncoupl. 235 bar/235 bar

**Couplings**

**TEMA Series TIB7500**

Connection A	Hex SW	L mm	L1 mm	D mm	Valve	Working Press. in bar	Version	Seal	Part Number	DS
G 3/4	46	81	16	52	with	300	Standard	NBR	TIB7510	■
G 3/4	46	81	16	52	with	300	Standard	FKM	TIB7510 V	■□
G 3/4	46	81	16	52	without	300	Standard	NBR	TIB7510 UV	■□
G 3/4	46	81	16	52	without	300	Standard	FKM	TIB7510 VUV	■□

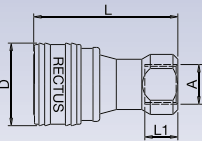


Female Thread

DS = Delivery Status: ■ in stock    ■□ on short call    □ medium term delivery

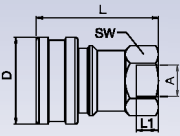
## Couplings

## RECTUS Series 75KB

	Connection A	Hex SW	L mm	L1 mm	D mm	Valve	Working Press. in bar	Version	Seal	Part Number	DS
 <p>Female Thread</p>	G 3/4	34	96	24	55	with	100	Brass	NBR	75KB IW26 MPX	■
	G 3/4	34	96	24	55	with	160	AISI 303	FKM	75KB IW26 RVX	■
	G 3/4	34	96	24	55	with	160	AISI 316 L	FKM	75KB IW26 EVX	□

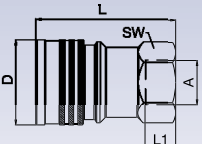
## Couplings with Heavy Duty Sleeve

## TEMA Series TIB7500

	Connection A	Hex SW	L mm	L1 mm	D mm	Valve	Working Press. in bar	Version	Seal	Part Number	DS
 <p>Female Thread</p>	G 3/4	46	81	16	56	with	300	Standard	NBR	TIB7510 H	□
	G 3/4	46	81	16	56	with	300	Standard	FKM	TIB7510 VH	□
	G 3/4	46	81	16	56	without	300	Standard	NBR	TIB7510 UVH	□
	G 3/4	46	81	16	56	without	300	Standard	FKM	TIB7510 VUVH	□

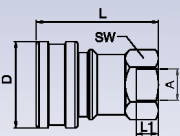
## Couplings with Pressure Eliminator

## TEMA Series TIB7500

	Connection A	Hex SW	L mm	L1 mm	D mm	Valve	Working Press. in bar	Version	Seal	Part Number	DS
 <p>Female Thread</p>	G 3/4	46	81	16	52	with	300	Standard	NBR	TIB7511	□
	G 3/4	46	81	16	52	with	300	Standard	FKM	TIB7511 V	□

## Couplings with Pressure Eliminator and extra Strong Sleeve

## TEMA Series TIB7500

	Connection A	Hex SW	L mm	L1 mm	D mm	Valve	Working Press. in bar	Version	Seal	Part Number	DS
 <p>Female Thread</p>	G 3/4	46	81	16	56	with	300	Standard	NBR	TIB7511 H	□
	G 3/4	46	81	16	56	with	300	Standard	FKM	TIB7511 VH	□

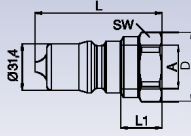
DS = Delivery Status: ■ in stock

□ on short call

□ medium term delivery

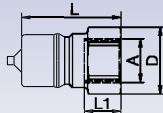
## Plugs

## TEMA Series TIB7500

	Connection A	Hex SW	L mm	L1 mm	D mm	Valve	Working Press. in bar	Version	Seal	Part Number	DS
 <p>Female Thread</p>	G 3/4	36	59	16	39	with	300	Standard	NBR	TIB7520	■
	G 3/4	36	59	16	39	with	300	Standard	FKM	TIB7520 V	■□
	G 3/4	36	53	16	39	without	300	Standard	-	TIB7520 UV	■□

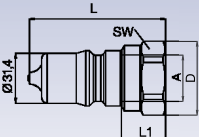
## Plugs

## RECTUS Series 75KB

	Connection A	Hex SW	L mm	L1 mm	D mm	Valve	Working Press. in bar	Version	Seal	Part Number	DS
 <p>Female Thread</p>	G 3/4	36	60	24		with	100	Brass	NBR	75SB IW26 MPX	■
	G 3/4	36	60	24		with	160	AISI 303	FKM	75SB IW26 RVX	■□
	G 3/4	36	60	24		with	160	AISI 316 L	FKM	75SB IW26 EVX	■□


## Plugs with Pressure Eliminator

## TEMA Series TIB7500

	Connection A	Hex SW	L mm	L1 mm	D mm	Valve	Working Press. in bar	Version	Seal	Part Number	DS
 <p>Female Thread</p>	G 3/4	36	59	16	39	with	300	Standard	NBR	TIB7521	■□
	G 3/4	36	59	16	39	with	300	Standard	FKM	TIB7521 V	■□


## Seal-Kit for Coupling

## TEMA Series TIB7500

	Description	Material	Part Number	DS
	Coupling	NBR	TIB7500-PSN	■□
	Coupling	FKM	TIB7500-PSV	■□
Further sealing materials on request.				

## Dust Protection

## TEMA Series TIB7500 / RECTUS Series 75KB

	Description	L mm	D mm	Material	Color	Part Number	DS
	Coupling	195	33	PVC	Blue	TIB7516	■
	Plug	195	33	PVC	Blue	TIB7526	■
Further colors on request.							

DS = Delivery Status:

■ in stock

■□ on short call

□ on medium term delivery