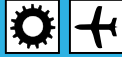


TIB10000 / 76KB



314 mm² / 490 mm² = **25 / 20**



Technical Description

The 76KB and TIB10000 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. 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)

76KB 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.



Material	Standard	Brass Version	Stainless Steel Versions	
Coupling	TIB10000 Series	76KB Series	AISI 303	AISI 316 L
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 316 Ti	AISI 316 Ti	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
Plug				
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 316 Ti	AISI 316 Ti	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/1200 bar
Working Pressure uncoupl. 235 bar/235 bar

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

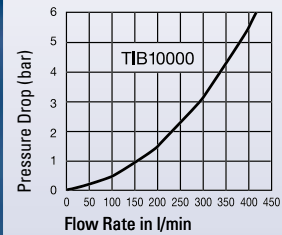
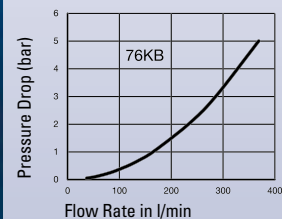


Chart 76KB / Water



Couplings

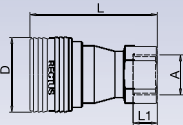
TEMA Series TIB10000

	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 1	50	94	18	62	with	300	Standard	NBR	TIB10010	■
	G 1	50	94	18	62	with	300	Standard	FKM	TIB10010 V	■□
	G 1	50	94	18	62	without	300	Standard	NBR	TIB10010 UV	■□
	G 1	50	94	18	62	without	300	Standard	FKM	TIB10010 VUV	■□

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

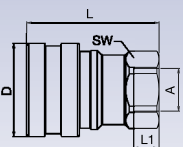
Couplings

RECTUS Series 76KB

	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 1	41	105,5	24	62	with	100	Brass	NBR	76KB IW33 MPX	■□
	G 1	41	105,5	24	62	with	100	AISI 303	FKM	76KB IW33 RVX	■□
	G 1	41	105,5	24	62	with	100	AISI 316 L	FKM	76KB IW33 EVX	■□

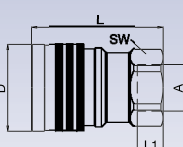
Couplings with Heavy Duty Sleeve

TEMA Series TIB10000

	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 1	50	94	18	66	with	300	Standard	NBR	TIB10010 H	■□
	G 1	50	94	18	66	with	300	Standard	FKM	TIB10010 VH	■□
	G 1	50	94	18	66	without	300	Standard	NBR	TIB10010 UVH	■□
	G 1	50	94	18	66	without	300	Standard	FKM	TIB10010 VUVH	■□

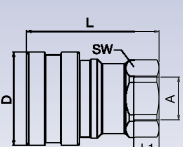
Couplings with Pressure Eliminator

TEMA Series TIB10000

	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 1	50	94	18	62	with	300	Standard	NBR	TIB10011	■□
	G 1	50	94	18	62	with	300	Standard	FKM	TIB10011 V	■□

Couplings with Pressure Eliminator and extra Strong Sleeve

TEMA Series TIB10000

	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 1	50	94	18	66	with	300	Standard	NBR	TIB10011 H	■□
	G 1	50	94	18	66	with	300	Standard	FKM	TIB10011 VH	■□

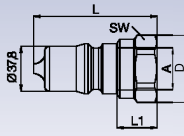
DS = Delivery Status: ■ in stock

□ on short call

□ medium term delivery

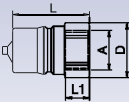
Plugs

TEMA Series TIB10000

	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 1	42	70	18	46	with	300	Standard	NBR	TIB10020	■
	G 1	42	70	18	46	with	300	Standard	FKM	TIB10020 V	■□
	G 1	42	63	18	46	without	300	Standard	-	TIB10020 UV	■□

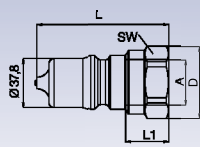
Plugs

RECTUS Series 76KB

	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 1	41	65	24		with	100	Brass	NBR	76SB IW33 MPX	■□
	G 1	41	65	24		with	100	AISI 303	NBR	76SB IW33 RVX	■□
	G 1	41	65	24		with	100	AISI 316 L	NBR	76SB IW33 EVX	■□

Plugs with Pressure Eliminator

TEMA Series TIB10000

	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 1	42	70	18	46	with	300	Standard	NBR	TIB10021	■□
	G 1	42	70	18	46	with	300	Standard	FKM	TIB10021 V	■□

Seal-Kit for Coupling

TEMA Series TIB10000

Description	Material	Part Number	DS
Coupling	NBR	TIB10000-PSN	■□
Coupling	FKM	TIB10000-PSV	■□
Further sealing materials on request.			

Dust Protection

TEMA Series TIB10000 / RECTUS Series 76KB

Description	L mm	D mm	Material	Color	Part Number	DS
Coupling	230	42	PVC	Blue	TIB10016	■
Plug	230	42	PVC	Blue	TIB10026	■
Further colors on request.						

DS = Delivery Status: ■ in stock

■□ on short call

□ medium term delivery