



Nominal Diameter

10 = 80 mm²

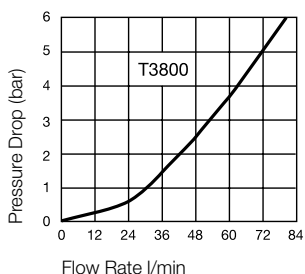
TEMA Series

T3800



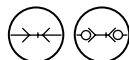
90% of actual size

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

**Technical Description**

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

Connected length in total:
74 mm

Available Valves**Advantages**

Straight-through for minimum pressure drop. Double safety through a double O-ring seal. A safety closing ring prevents unintentional uncoupling. Corrosion resistant. Compact dimensions. Pressure eliminator for coupling and plug available. With pressure eliminator, can be coupled up to operating pressure.

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

Plug

Plug Body

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

Pressures (Coupling/Plug)

Bursting Pressure coupled
Working Pressure uncoupled

Standard

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

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

Stainless Steel

AISI 316
AISI 316
AISI 316

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

AISI 316
AISI 316
AISI 301
FKM
AISI 316
AISI 316

High Pressure Water

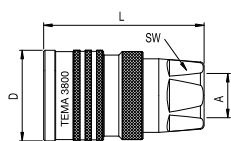
Brass, Chromated
Brass, Chromated

AISI 301
AISI 420 C
NBR

Brass Version

Brass

Brass
AISI 301
NBR/FKM
Brass

Couplings**TEMA Series T3800**

Female Thread

Conne- ction A	Hex SW	L mm	D mm	Valve	Working press. in bar	Version	Seal	Part Number	DS
G 3/8	24	60	34	with	350	Standard	NBR	T 3810	■
G 3/8	24	60	34	with	350	Standard	FKM	T 3810 V	■
G 3/8	24	60	34	with	300	Stainless Steel	FKM	T 3810 RV ²⁾	■□
G 3/8	24	60	34	without	350	Standard	NBR	T 3810 UV	■□
G 3/8	24	60	34	without	350	Standard	FKM	T 3810 VUV	■□
G 3/8	24	60	34	without	350	Stainless Steel	FKM	T 3810 RVUV ²⁾	■□

DS = Delivery Status:

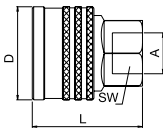
■ in stock

■□ on short call

■□ medium term delivery

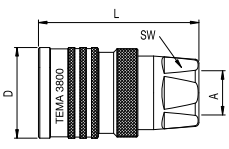
Couplings for High Pressure Water

TEMA Series T3800

	Connec- tion A	Hex SW	L mm	D mm	Valve	Working press. in bar	Version	Seal	Part Number	DS
 <p>Female Thread</p>	G 3/8	24	40	34	without	350	High Pressure Water	NBR	T3810 H	■
	G 3/8	29	40	34	without	350	High Pressure Water	NBR	T3810 H2	■
	G 3/8	24	40	34	without	350	High Pressure Water	FKM	T3810 HV	■
	G 3/8	29	40	34	without	350	High Pressure Water	FKM	T3810 H2V	■
	G 3/8	24	40	34	without	350	High Pressure Water	EPDM	T3810 HEP	■
	G 3/8	29	40	34	without	350	High Pressure Water	EPDM	T3810 H2EP	■

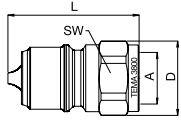
Couplings with Pressure Eliminator

TEMA Series T3800

	Connec- tion A	Hex SW	L mm	D mm	Valve	Working press. in bar	Version	Seal	Part Number	DS
 <p>Female Thread</p>	G 3/8	24	60	34	with	350	Standard	NBR	T3811	■
	G 3/8	24	60	34	with	350	Standard	FKM	T3811 V	■
	G 3/8	24	60	34	with	300	Stainless Steel	FKM	T3811 RV ²⁾	■
	G 3/8	24	60	34	with	300	Stainless Steel	FKM	T3811 RFV ^{1) 2)}	■

Plugs

TEMA Series T3800

	Connec- tion A	Hex SW	L mm	D mm	Valve	Working press. in bar	Version	Seal	Part Number	DS
 <p>Female Thread</p>	G 3/8	22	42	24	with	350	Standard	NBR	T3820	■
	G 3/8	22	42	24	with	350	Standard	FKM	T3820 V	■
	G 3/8	22	42	24	with	50	Brass	NBR	T3820 M	■
	G 3/8	22	42	24	with	50	Brass	FKM	T3820 MV	■
	G 3/8	22	42	24	with	300	Stainless Steel	FKM	T3820 RV ²⁾	■
	G 3/8	22	42	24	with	300	Stainless Steel	NBR	T3820 RF ^{1) 2)}	■
	G 3/8	22	42	24	with	300	Stainless Steel	FKM	T3820 RFV ^{1) 2)}	■
	G 3/8	22	38	24	without	350	Standard		T3820 UV	■
	G 3/8	22	38	24	without	300	Stainless Steel		T3820 RUV ²⁾	■
	G 3/8	22	38	24	without	170	Stainless Steel		T3820 RFUV ^{2) 3)}	■

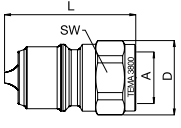
¹⁾ Valve made of brass

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

³⁾ Suitable for high pressure water, AISI 303

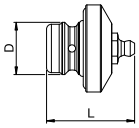
Plugs with Pressure Eliminator

TEMA Series T3800

	Conne- tion A	Hex SW	L mm	D mm	Valve	Working press. in bar	Version	Seal	Part Number	DS
	G 3/8	22	43	24	with	350	Standard	NBR	T3821	■
	G 3/8	22	43	24	with	350	Standard	NBR	T3821 V	■□
	G 3/8	22	43	24	with	300	Stainless Steel	FKM	T3821 RV ²⁾	■□
	G 3/8	22	43	24	with	300	Stainless Steel	FKM	T3821 RFV ²⁾	■□

Lubrication Nipple

TEMA Series T3800

	Description	L mm	D mm	Part Number	DS
	Coupling	36	36	TGR3	■□

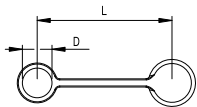
Seal-Kit for Coupling

TEMA Series T3800

	Description	Material	Part Number	DS
	Coupling	NBR	T3800-PSN	■□
	Coupling	FKM	T3800-PSV	■□
Further sealing materials on request.				

Dust Protection

TEMA Series T3800

	Description	L mm	D mm	Material	Color	Part Number	DS
	for coupling	145	54	PVC	Blue	T3816	■
	for plug	145	46	PVC	Blue	T3826	■
	for coupling	145	54	PVC	Yellow	T3816 Y	■
	for plug	145	46	PVC	Yellow	T3826 Y	■
Further colors on request.							

1) Valve made of brass.

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

3) Material, AISI 420 hardened