



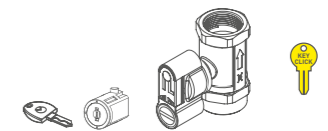
METER VALVES

G2 PUNTO ARANCIO - G5 - KM3 - G6



G2 PUNTO ARANCIO

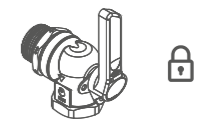
Shut-off valve for gas meters, with pressure fitting and safety lock



178

G5

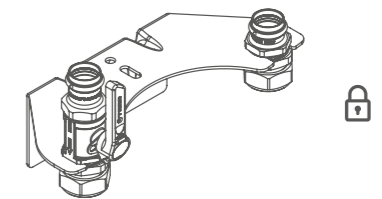
Valves for padlockable dual-pipe gas meters



190

KM3

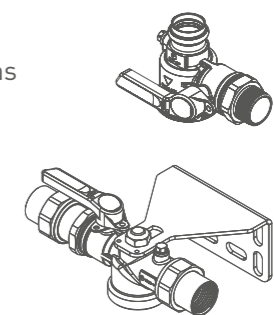
Installation kit for padlockable dual-pipe gas meters



194

G6

Valves for straight or padlockable right-angle single-pipe gas meters



198

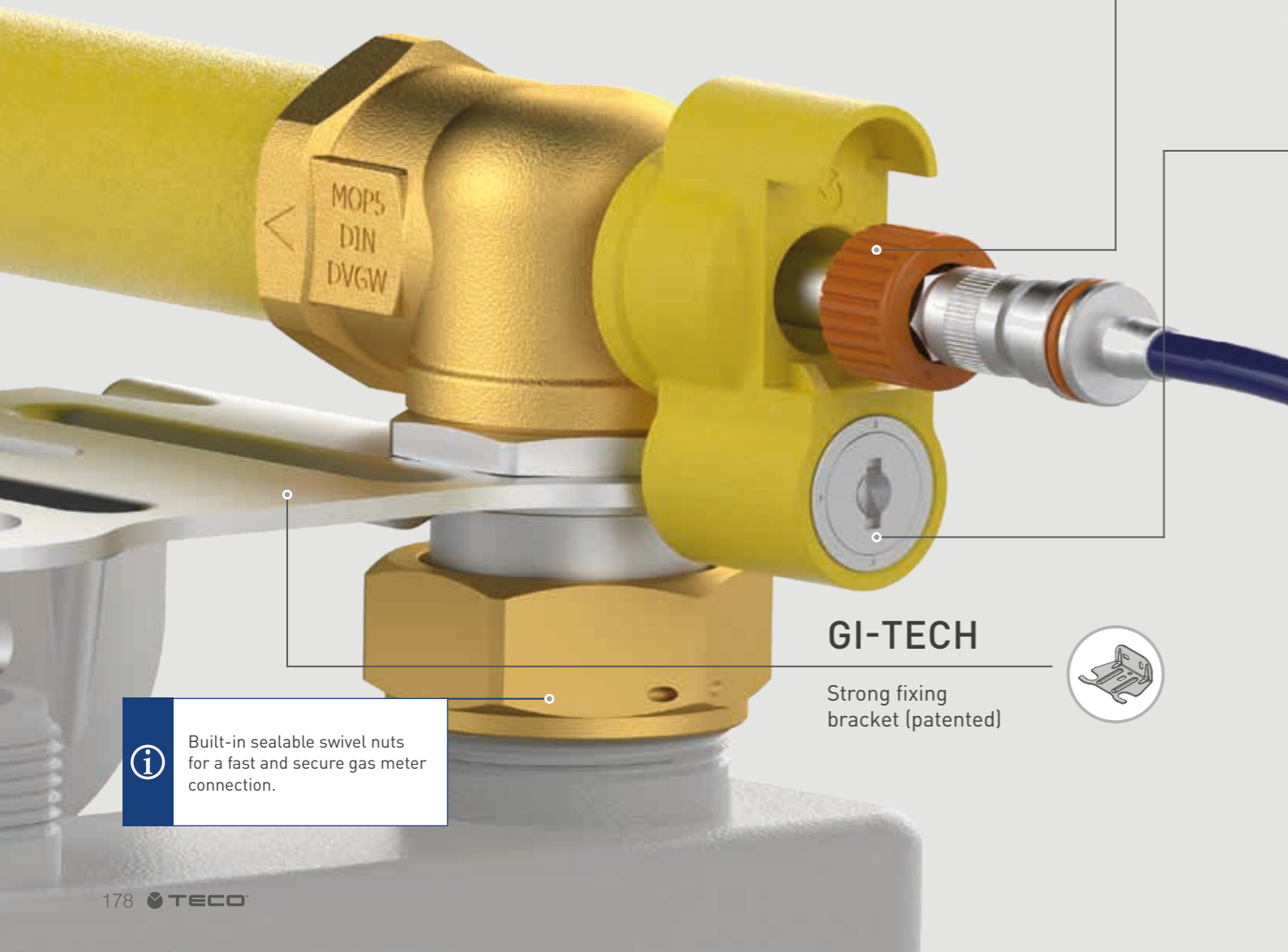
PRACTICAL AND SAFE

Shut-off valve with PUNTO ARANCIO® pressure fitting and KEY CLICK® safety handle.



CERTIFICATIONS AND TECHNICAL SPECIFICATIONS

Reference standards	DINEN 331 DVGW VP 308
Working pressure	MOP 5 (5 bar)
Working temperature	-20°C +60 °C
High temperature resistance	HTB 650°C for 30' (DIN EN331 B0.1)
Application	For all types of gas as specified in EN 437 and DWG G260/1 (Methane, Butane, Propane)



GI-TECH

Strong fixing bracket (patented)



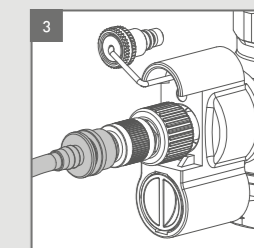
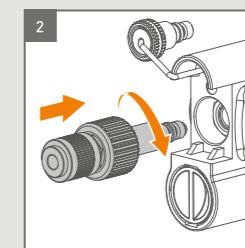
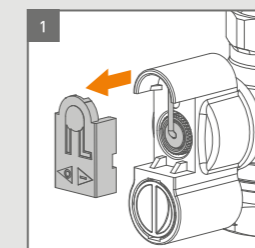
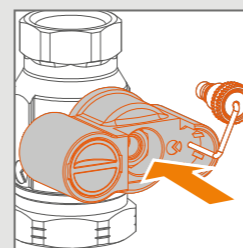
Built-in sealable swivel nuts for a fast and secure gas meter connection.



PRESSURE FITTING PUNTO ARANCIO

Testing the pressure in your system has never been so easy and safe.

THE PRESSURE FITTING ALWAYS ON THE FRONT MAKES THE OPERATION SIMPLE



STANDARDS



The PUNTO ARANCIO® pressure fitting is DVGW certified in accordance with VP 308 and meets all of the regulatory requirements of UNI 7129-2015 (4.1 page 8), and UNI 11137 (points 5.1 and 5.7).

EASY

The connection for measuring gas-tightness or system pressure is right at the most accessible point of the system; the control handle is at the front. You can test the system in just a few seconds.

SAFE

Thanks to the patented double safety valve, there is no risk of gas leaking while connecting.

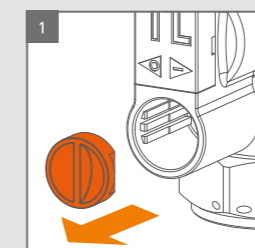


KEY CLICK®

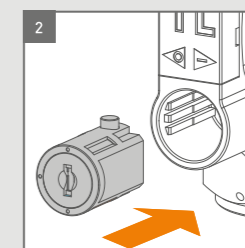
Transforming the valve by adding a safety lock has never been so simple and fast.

BENEFITS

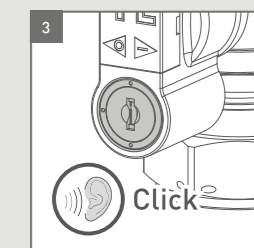
Key Click® lets you add the safety lock at any time. This means always having the optimal solution in accordance with the requirements of (UNI 7129-2015 Chap. 4.1).



Remove the closing cap.



Insert the lock.



You will hear a "click" when the lock barrel is fully inserted.

STANDARDS



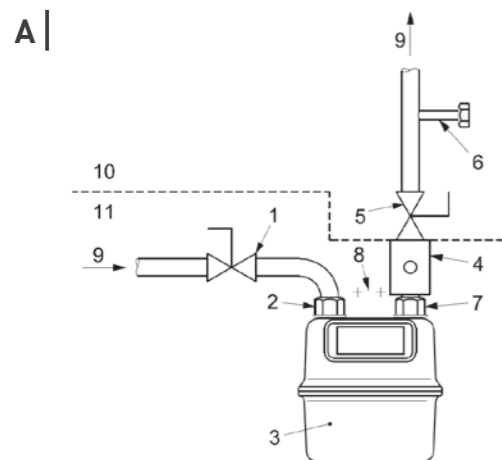
As required by the UNI 7129-2015 standard, the valve must be used with a lock when access to the meter is not exclusive.

PRESSURE POINT STANDARD

UNI 7129-2015: ENTRY AND PRESSURE TESTING POINT
THE ENTRY POINT OF AN INTERNAL SYSTEM ALWAYS CONSISTS
OF A SHUT-OFF DEVICE.

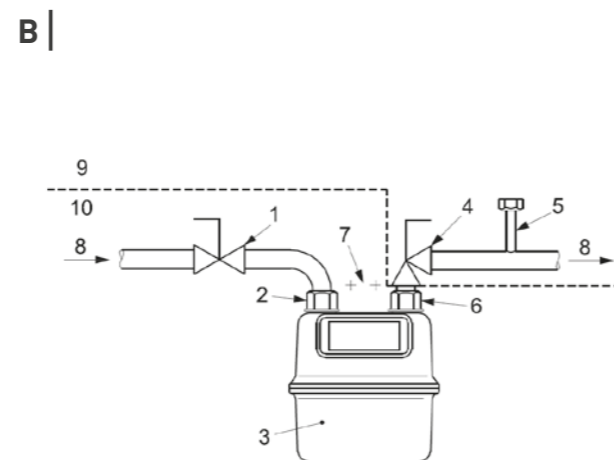
A | Measurement assembly scheme for a gas system connected to a mains supply.

1. Meter inlet shut-off device (normally provided by the supplier)
2. Inlet shank
3. Meter
4. Possible meter pressure fitting; it may also be provided on the shut-off device 1, or directly on the fixing bracket or outlet shank (provided by the supplier)
5. Entry point (customer's responsibility)
6. Pressure fitting complete with plug. It may also be provided directly on the shut-off device 5 (customer's responsibility)
7. Outlet shank
8. Fixing bracket
9. Gas
10. Gas system
11. Provided by the supplier



B | Measurement assembly scheme for a gas system connected to a mains supply

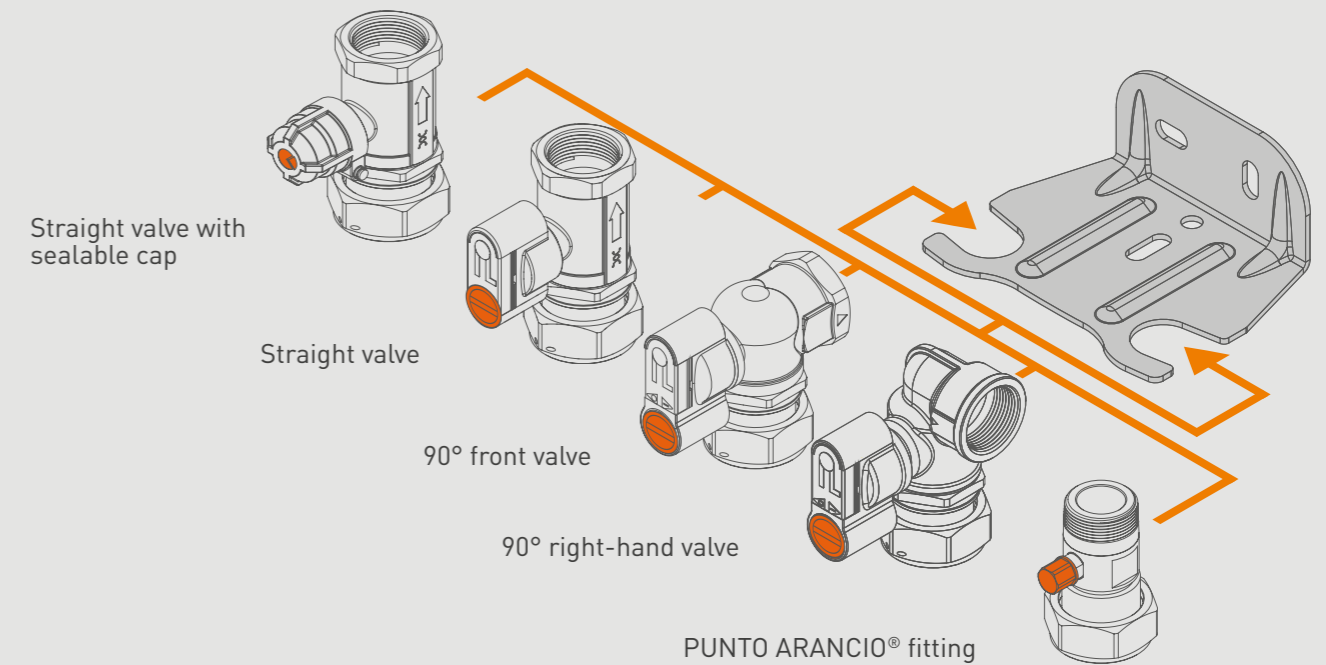
1. Meter inlet shut-off device (normally provided by the supplier)
2. Inlet shank
3. Meter
4. Entry point (customer's responsibility)
5. Pressure fitting complete with plug. It may also be provided directly on the shut-off device 5 (customer's responsibility)
6. Outlet shank
7. Fixing bracket
8. Gas
9. Gas system
10. Provided by the supplier



Ref. UNI 7129 -1/2015 Chap. 4.5.5.4

GAS METER BRACKET (PATENTED)

The various versions of the G2 valves and fittings can be freely combined with the Gi-TEC fixing brackets. It is therefore possible to compose the most suitable kit for the system.



INSTALLATION

STRONG STRUCTURE

The strong and simple structure of the Gi-TEC bracket ensures stable installation that can withstand strong mechanical forces. The brackets are supplied with fixing screws and plugs and comply with **UNI 7129 Chap. 4.1**.

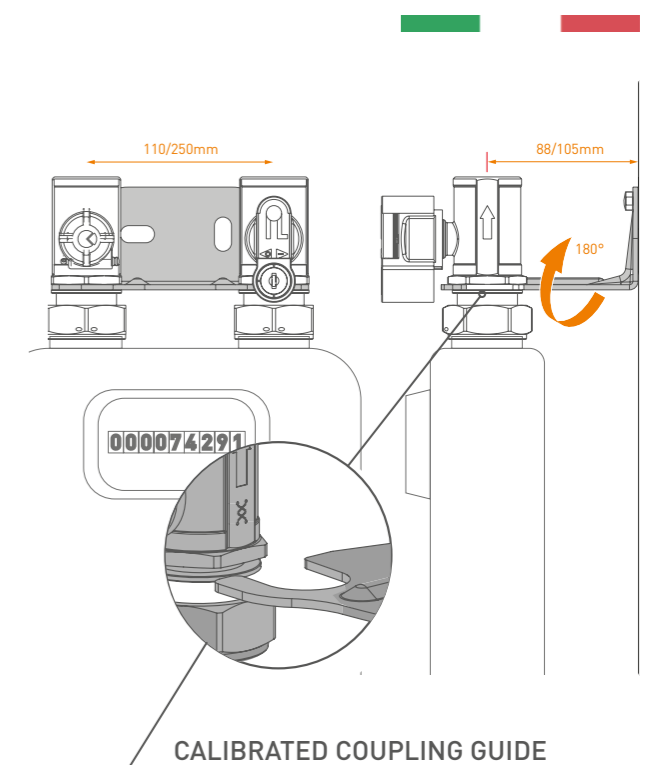
RAPID INSTALLATION


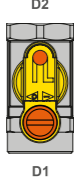

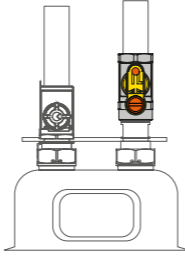

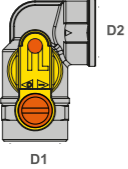
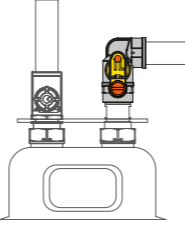

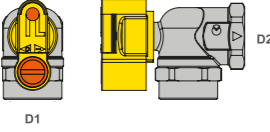
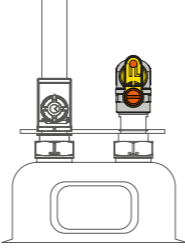
The whole range of valves and fittings with shanks for meters can be fitted on the Gi-Tec bracket quickly and without using screws, thanks to the special calibrated coupling guide. The bracket position can be reversed.


RANGE




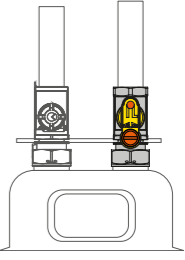

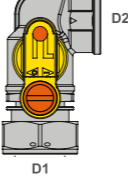
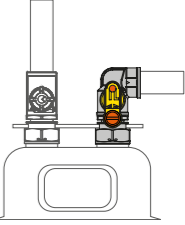

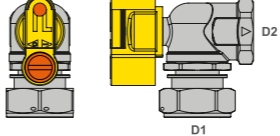
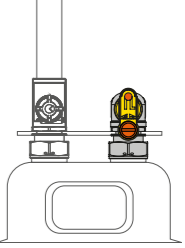
The Gi-TEC brackets are available with distance between centres of 110 and 250mm.


i Brackets with a special distance between centres are available on request.



	THREADED VERSIONS					APPLICATION
STRAIGHT VALVE 			CODE	D1 EN 10226-1	D2 EN 10226-1	
			• G243010000	Rp3/4"	Rp3/4"	
• G243010100	Rp1"	Rp1"				
BALL 90° RH 			• G243110100	Rp1"	Rp1"	
90° FRONT VALVE 			• G243110300	Rp3/4"	Rp3/4"	
			• G243110100	Rp1"	Rp1"	

 THE "KEY CLICK" LOCK (OPTIONAL) MAKES THE VALVES SUITABLE FOR NON-EXCLUSIVE ACCESS AREAS.

	THREADED VERSIONS WITH SWIVEL NUT					APPLICATION
STRAIGHT VALVE 			CODE	D1 EN 10226-1	D2 EN 10226-1	
			• G2430B0100	G1"1/4	Rp3/4"	
			• G2430B0200	G1"1/4	Rp1"	
			• G2430B0300	G1"	Rp3/4"	
• G2430B0400	G1"	Rp1"				
BALL 90° RH 			• G2431B0200	G1"1/4	Rp1"	
			• G2431B0400	G1"	Rp1"	
90° FRONT VALVE 			• G2431B0300	G1"1/4	Rp1"	
			• G2431B0500	G1"	Rp1"	

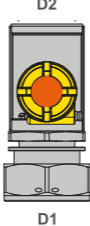
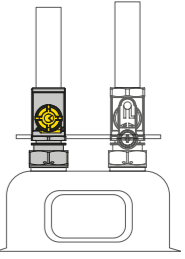
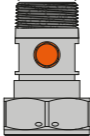
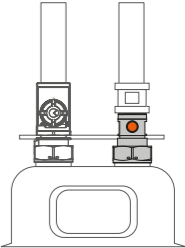
 THE "KEY CLICK" LOCK (OPTIONAL) MAKES THE VALVES SUITABLE FOR NON-EXCLUSIVE ACCESS AREAS.

STANDARDS

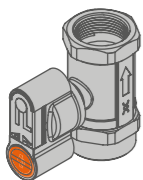


As required by the UNI 7129-2015 standard, the valve must be used with a lock when access to the meter is not exclusive.

VALVES FOR METERS BELONGING TO THE SUPPLY COMPANY

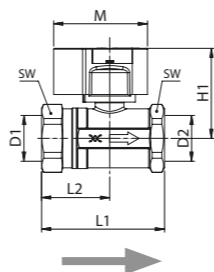
THREADED VERSION WITH SWIVEL NUT				APPLICATION
 VALVE WITH SEALABLE CAP	CODE	D1 EN 10226-1	D2 EN 10226-1	
	G2C30B0100	G1"1/4	Rp3/4"	
	G2C30B0200	G1"1/4	Rp1"	
G2C30B0400	G1"	Rp1"		
 FITTING WITH PRESSURE PORT	R2130B0100	G1"1/4	Rp1"	

STRAIGHT VALVE – F/F VERSION



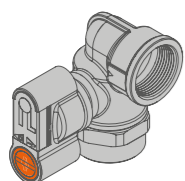
- MOP 5
- -20 °C +60 °C
- HTB 650° for 30' (DIN EN331 B0.1)

Valves with provision for "KEY CLICK" locks (OPTIONAL)



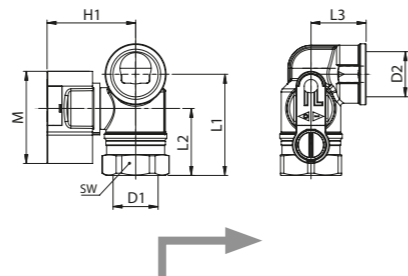
Code	DN	D1	D2	L1	L2	H1	M	SW	Pack
G243010000	20	Rp3/4"	Rp3/4"	76	40	60	62	41	10
G243010100	25	Rp1"	Rp1"	82	45	60	62	41	10

90° RIGHT-HAND VALVE – F/F VERSION



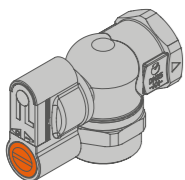
- MOP 5
- -20 °C +60 °C
- HTB 650° for 30' (DIN EN331 B0.1)

Valves with provision for "KEY CLICK" locks (OPTIONAL)



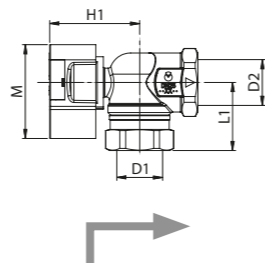
Code	DN	D1	D2	L1	L2	H1	M	SW	Pack
G243110100	25	Rp1"	Rp1"	68	45	60	62	41	10

90° FRONT VALVE – F/F VERSION



- MOP 5
- -20 °C +60 °C
- HTB 650° for 30' (DIN EN331 B0.1)

Valves with provision for "KEY CLICK" locks (OPTIONAL)

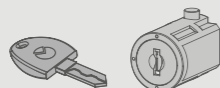


Code	DN	D1	D2	L1	H1	H2	M	SW	Pack
G243110300	20	Rp3/4"	Rp3/4"	45	60	39	62	41	10
G243110200	25	Rp1"	Rp1"	45	60	39	62	41	10

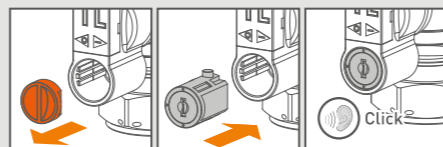
"KEY CLICK"® LOCK AND KEY (OPTIONAL)

Code: KA00KC0001

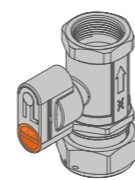
SEE PAGE 179



KEY CLICK® quickly transforms your valve with a security handle. The lock can be integrated with a click.

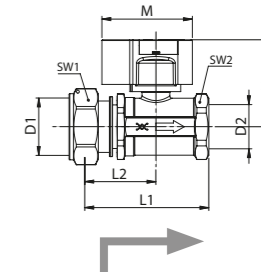


STRAIGHT VALVE – F/SWIVEL NUT VERSION



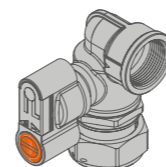
- MOP 5
- -20 °C +60 °C
- HTB 650° for 30' (DIN EN331 B0.1)

Valves with provision for "KEY CLICK" locks (OPTIONAL)



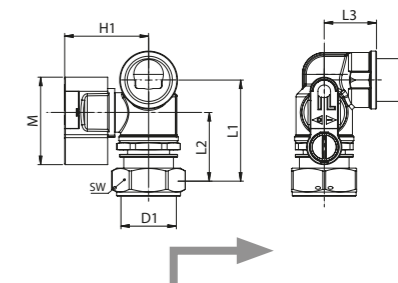
Code	DN	D1	D2	L1	L2	H1	M	SW1	SW2	Pack
G2430B0100	20	G1"1/4	Rp3/4"	85	49	60	62	46	32	10
G2430B0200	25	G1"1/4	Rp1"	85	49	60	62	46	41	10
G2430B0300	20	G1"	Rp3/4"	85	49	60	62	38	32	10
G2430B0400	25	G1"	Rp1"	85	49	60	62	38	41	10

90° RIGHT-HAND VALVE – F/SWIVEL NUT VERSION



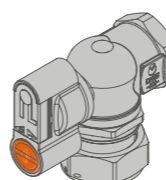
- MOP 5
- -20 °C +60 °C
- HTB 650° for 30' (DIN EN331 B0.1)

Valves with provision for "KEY CLICK" locks (OPTIONAL)



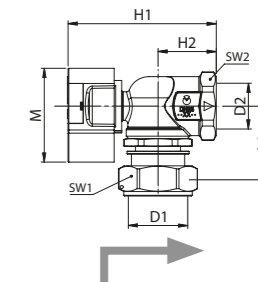
Code	DN	D1	D2	L1	L2	H1	M	SW	Pack
G2431B0200	25	G1"1/4	Rp1"	72	49	60	62	46	10
G2431B0400	25	G1"	Rp1"	72	49	60	62	38	10

90° FRONT VALVE – F/SWIVEL NUT VERSION



- MOP 5
- -20 °C +60 °C
- HTB 650° for 30' (DIN EN331 B0.1)

Valves with provision for "KEY CLICK" locks (OPTIONAL)



Code	DN	D1	D2	L1	H1	H2	M	SW1	SW2	Pack
G2431B0300	25	G1"1/4	Rp1"	49	60	39	62	46	41	10
G2431B0500	25	G1"	Rp1"	49	60	39	62	38	41	10

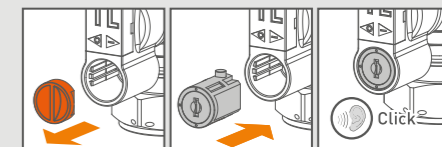
"KEY CLICK"® LOCK AND KEY (OPTIONAL)

Code: KA00KC0001

SEE PAGE 179



KEY CLICK® quickly transforms your valve with a security handle. The lock can be integrated with a click.

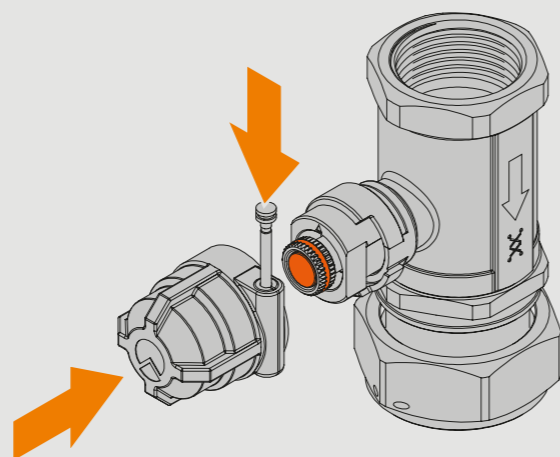




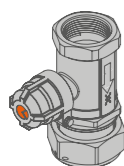
SEALABLE FASTEC® SEALABLE

100% SECURE PROTECTION

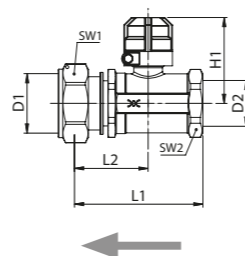
The FASTEC® sealable cap (patented) is easy to apply and guarantees secure protection against tampering with the valve.



STRAIGHT VALVE WITH SEALABLE CAP – F/SWIVEL NUT VERSION

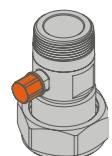


- MOP 5
- -20 °C +60 °C
- HTB 650° for 30' (DIN EN331 B0.1)

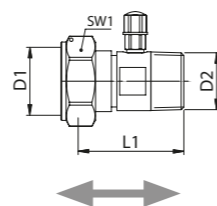


Code	DN	D1	D2	L1	L2	H1	SW1	SW2	Pack
G2C30B0100	20	G1"1/4	Rp3/4"	85	49	57	46	32	10
G2C30B0200	25	G1"1/4	Rp1"	85	49	57	46	41	10
G2C30B0400	25	G1"	Rp1"	87	51	57	37	41	10

PUNTO ARANCIO® FITTING – F/SWIVEL NUT VERSION



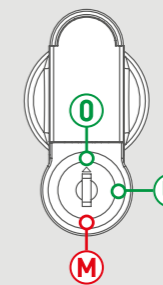
- MOP 5
- -20 °C +60 °C
- HTB 650° for 30' (DIN EN331 B0.1)



Code	D1	D2	L1	SW	Pack
R2130B0100	G1"1/4	R1"	61	46	10

HANDLE WITH SECURITY LOCK

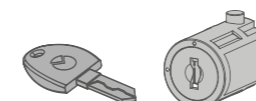
UNI7129-1:2008 4.1 standard requires the use of a valve that has a handle with security key when it can also be accessed by unauthorised people.



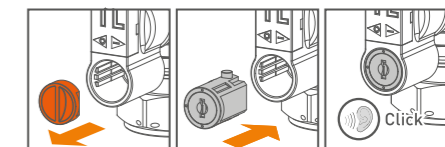
OPERATION

- ⓪ The key can be removed. The valve can be closed even without the key.
- Ⓤ The key cannot be removed. The valve can be opened.
- Ⓜ Function only available with the SKELETON KEY: prevents use of the user key.

KEY CLICK® LOCK AND KEY



KEY CLICK® quickly transforms your valve with a security handle. The lock can be integrated with a "click".

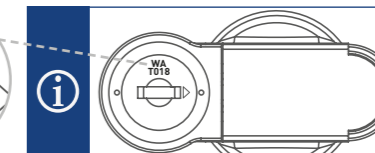


Code	Pack
KA00KC0001	5

KEY FOR SECURITY LOCK



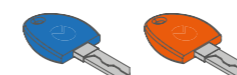
Replacement key for handle with security lock



When ordering, specify the code marked on the lock

Code	Pack
KY1000	1

SKELETON KEY

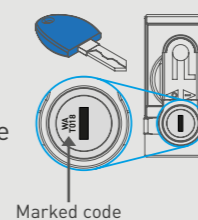


Code	Colours	Pack
KY2000	Blue	1
KY2001	Orange	1

SKELETON KEY SCHEME

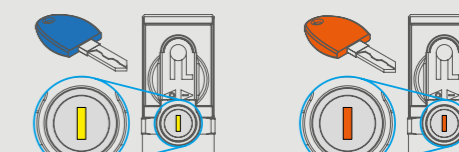
The skeleton key is available in two versions, depending on the type of lock to be unlocked/locked. The locks have guards (retractable dirt protection cap) of different colours to identify the lock type.

BLACK OR YELLOW guard
Blue key



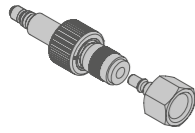
Marked code

ORANGE guard
Orange key

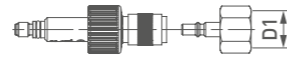


i Skeleton keys (passpartout) are only supplied to authorised personnel.

KIT FOR PRESSURE FITTING

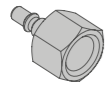


Punto Arancio® pressure fitting and F 1/4" threaded quick coupling

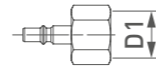


Code	D1	Pack
KP1000	1/4	5

QUICK COUPLING

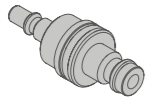


For PUNTO ARANCIO® pressure fitting kit
Connection: thread F-1/4"



Code	D1	Pack
KP2000	1/4	5

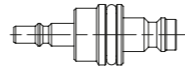
"TESTO" - "WÖHLER" QUICK COUPLING



Compatible with the PUNTO ARANCIO® pressure fitting kit

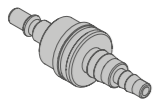


Compatible with "TESTO" - "WÖHLER" appliances



Code	Pack
KP2001	5

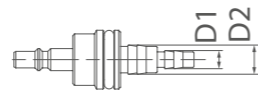
"SEITRON" QUICK COUPLING



Compatible with the PUNTO ARANCIO® pressure fitting kit

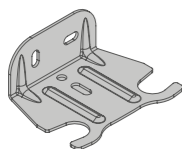


Compatible with "SEITRON" appliances



Code	D1	D2	Pack
KP2002	Ø4	Ø7	5

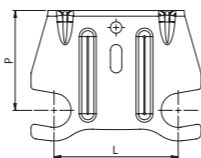
GI-TEC GAS METER BRACKET



Compatible with valves and fittings with swivel nut and PUNTO ARANCIO® pressure fitting



Brackets with a special distance between centres are available on request.



Code	L	p	Pack
KM12000100	110	88	5
KM22000100	250	105	1



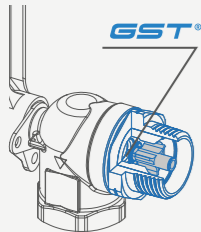
G5

METER VALVES FOR 90° DUAL-PIPE GAS METERS

G5 valves are specifically for dual-pipe gas meters. The valves are available with GST® and FIREBAG® safety devices. The size range from DN20 to DN50 makes it suitable for use in both residential and industrial gas systems.

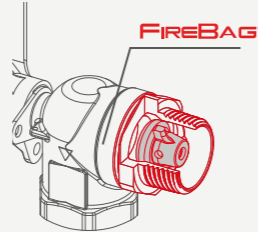
GST®

G5 valves are available with the GST excess flow safety device built into the steel inlet fitting. The valve sizes remain unchanged. The GST excess flow safety device is built in accordance with the DVGW VP 305-1 standard and is built into the DN25 valve; it has a flow rate $V_{GAS} 2.5 - 4.0 - 6.0 \text{ m}^3/\text{h}$ at a maximum pressure of 100 mbar. (see page 245)



FIREBAG® - TAE

G5 valves are available with the FIREBAG® thermal safety device built into the steel inlet fitting. The valve sizes remain unchanged. FIREBAG® complies with the requirements of the DIN 3586 standard and is built into the DN20-25-32 valves. The thermal device activates at a temperature of 100°C - 5K and can withstand temperatures of up to 650°C for 30 minutes at a pressure of 5 bar. (see page 231)



i G5 valves are supplied with a single built-in safety device.



CERTIFICATIONS AND TECHNICAL SPECIFICATIONS

Reference standards	DIN EN 331 DIN 3586 DVGW VP305-1:12/2007 K/M
Pressure	MOP 5 (5 bar)
Working temperature	-20 °C +60 °C
High temperature resistance	HTB 650°C for 30' (DIN EN331 C1)
Application	For all types of gas as specified in EN 437 and DVGW G260/1 (Methane, Butane, Propane)



HTB

High temperature resistance of 650° for 30 minutes, as required by EN331:2016 Class C1

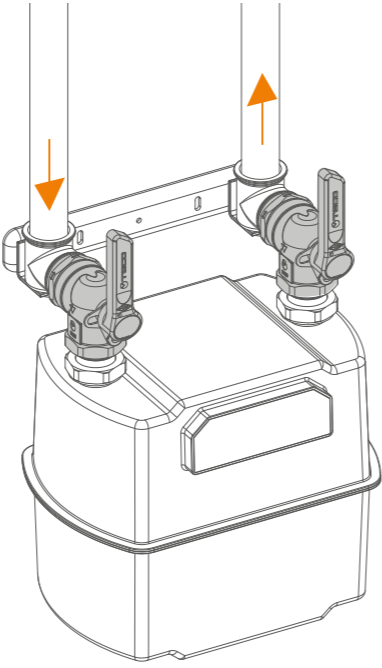


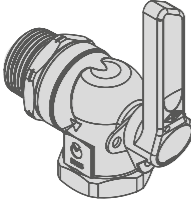
PADLOCKABLE LEVER

All of the valves can be padlocked in the closed position.



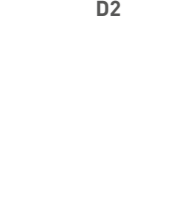
GAS METER VALVES

90° VERSION						APPLICATION
DN	D1 EN 10226-1	D2 EN 10226-1	FIREBAG TAE	GST® GS m³/h		
20	R3/4"	Rp3/4"				
25	R1"	Rp1"				
32	R1"1/4	Rp1"1/4				
40	R1"1/2	Rp1"1/2				
50	R2"	Rp2"				
20	R3/4"	Rp3/4"	•			
25	R1"	Rp1"	•			
32	R1"1/4	Rp1"1/4	•			
25	R1"	Rp1"		V _{GAS} 2.5		
25	R1"	Rp1"		V _{GAS} 4.0		
25	R1"	Rp1"		V _{GAS} 6.0		




G5 90° VALVE

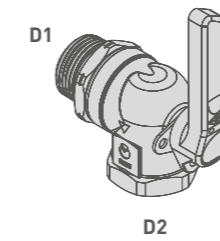
D1



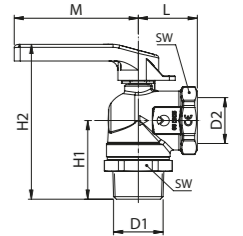
D2

 Versions with GST and FIREBAG safety devices can be installed downstream from the meter.

G5 90° VALVE – VERSION FOR DUAL-PIPE GAS METERS



- Padlockable lever
- MOP 5
- -20 °C +60 °C
- HTB 650° for 30' (DIN EN331 C1)
- HTB 650° for 30' (DIN EN331 C5) - TAE



Code	DN	FIREBAG TAE	GST® GS m³/h	D1	D2	L	H1	H2	M	SW	Pack
G51219L100	20			R3/4"	Rp3/4"	34	84	43	82	32	10
G51319L100	25			R1"	Rp1"	38	102	52	82	41	10
G51419L100	32			R1"1/4	Rp1"1/4	46	135	59	124	50	5
G51519L100	40			R1"1/2	Rp1"1/2	51	150	65	124	55	3
G51619L100	50			R2"	Rp2"	61	158	74	124	70	1
G52219L100	20	•		R3/4"	Rp3/4"	343	84	43	82	32	10
G52319L100	25	•		R1"	Rp1"	38	102	52	82	41	10
G52419L100	32	•		R1"1/4	Rp1"1/4	46	135	59	124	50	5
G53319L200	25		V _{GAS} 2.5	R1"	Rp1"	38	102	52	82	41	10
G53319L300	25		V _{GAS} 4.0	R1"	Rp1"	38	102	52	82	41	10
G53319L400	25		V _{GAS} 6.0	R1"	Rp1"	38	102	52	82	41	10

KM3

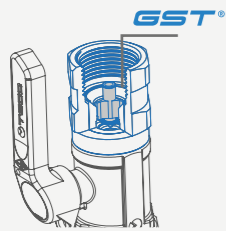
INSTALLATION KIT FOR DUAL-PIPE GAS METER

The installation kit for dual-pipe gas meters has a modular structure that covers all installation needs. It is possible to create all necessary combinations from the individual components. However, TECO has chosen to supply pre-packaged kits for rapid and safe installation.

The four type of KM3 lit can be equipped with gas safety devices of both the FIREBAG® thermal and GST® excess flow types.

GST®

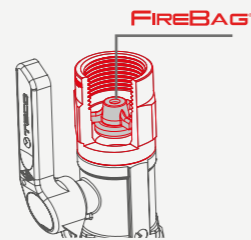
The valves are available with the GST excess flow safety device built into the steel inlet fitting. The valve sizes remain unchanged. The GST excess flow safety device is built in accordance with the DVGW VP 305-1 standard and is built into the valves/fittings; it has a flow rate $V_{GAS} 2.5 - 4.0 - 6.0 \text{ m}^3/h$ at a maximum pressure of 100 mbar. (see page 245)



i KM3 valves are supplied with a single safety device.

FIREBAG® - TAE

KM3 valves are available with the FIREBAG thermal safety device built into the steel inlet fitting. The valve sizes remain unchanged. FIREBAG complies with the requirements of the DIN 3586 standard and is built into the valves/fittings. The thermal device activates at a temperature of 100°C - 5K and can withstand temperatures of up to 650°C for 30 minutes at a pressure of 5 bar. (see page 231)



UNIPRESS®

Teco also offers the valves with crimp connections compatible with copper pipes in accordance with the DVGW G 5614 standard and in compliance with UNI 1065. The fittings are compatible with the crimping tools for DVGW certified -M- or -V- systems.

PADLOCKABLE LEVER



All of the valves can be padlocked in the closed position

GI-TEC



Strong fixing bracket



CERTIFICATIONS AND TECHNICAL SPECIFICATIONS

Reference standards	DIN EN 331 DIN 3586 DVGW VP305-1:12/2007 K/M DVGW G5614
Working pressure	MOP 5 (5 bar)
Working temperature	-20 °C +60 °C
High temperature resistance	HTB 650°C for 30' (DIN EN331 B1)
Application	For all types of gas as specified in EN 437 and DVGW G260/1 (Methane, Butane, Propane)



Valves with safety devices must be installed upstream from the meter.



Pay attention to the arrow hat indicates the gas flow direction.

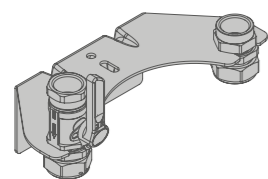


Built-in sealable swivel nuts for a fast and secure gas meter connection.

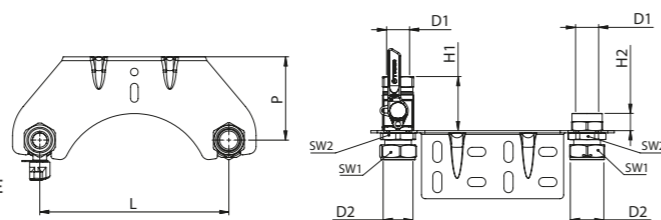


KM3 INSTALLATION KIT FOR DUAL-PIPE GAS METERS

VALVE + FITTING KIT - THREADED VERSION

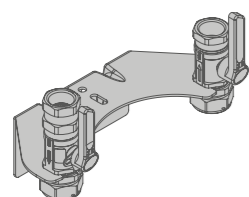


- Fixing bracket
- Padlockable lever
- MOP 5
- -20 °C +60 °C
- HTB 650° for 30' (DIN EN331 B1)
- HTB 650° for 30' (DIN EN331 C5) - TAE

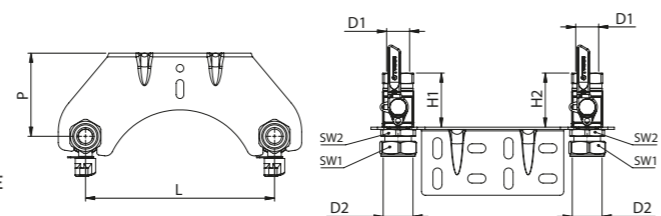


Code	DN	FIREBAG TAE	GST® GS m³/h	D1	D2	L	P	H1	H2	SW1	SW2	Pack
KM3VF1RC100	25			Rp1"	G1"1/4	250	110	71	23	46	46	1
KM3VT1RC100	25	●		Rp1"	G1"1/4	250	110	95	23	46	46	1
KM3VG1RC100	25		V _{GAS} 2.5	Rp1"	G1"1/4	250	110	95	23	46	46	1
KM3VG2RC100	25		V _{GAS} 4.0	Rp1"	G1"1/4	250	110	95	23	46	46	1
KM3VG3RC100	25		V _{GAS} 6.0	Rp1"	G1"1/4	250	110	95	23	46	46	1

KIT WITH 2 VALVES - THREADED VERSION



- Fixing bracket
- Padlockable lever
- MOP 5
- -20 °C +60 °C
- HTB 650° for 30' (DIN EN331 B1)
- HTB 650° for 30' (DIN EN331 C5) - TAE



Code	DN	FIREBAG TAE	GST® GS m³/h	D1	D2	L	P	H1	H2	SW1	SW2	Pack
KM3VF1VF200	25			Rp1"	G1"1/4	250	110	71	71.5	46	46	1
KM3VT1VF200	25	●		Rp1"	G1"1/4	250	110	95	71.5	46	46	1
KM3VG1VF200	25		V _{GAS} 2.5	Rp1"	G1"1/4	250	110	95	71.5	46	46	1
KM3VG2VF200	25		V _{GAS} 4.0	Rp1"	G1"1/4	250	110	95	71.5	46	46	1
KM3VG3VF200	25		V _{GAS} 6.0	Rp1"	G1"1/4	250	110	95	71.5	46	46	1

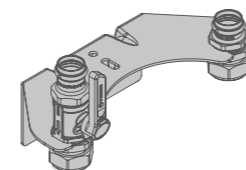
APPLICATION CALIBRATED COUPLING GUIDE



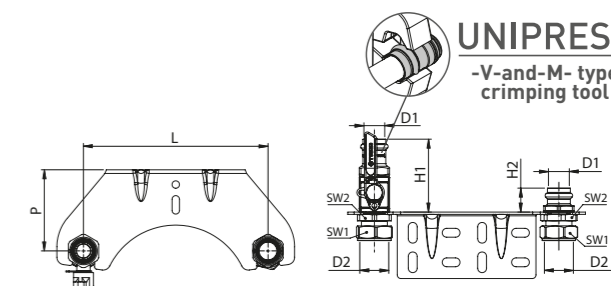
- 1 Installation bracket with connection for fitting and ball valve.
- 2 Insert the fitting and the ball valve **(3)** with calibrated guide (a) and lock the spanner in the anti-rotation block **(4)**.
- 5 Secure with the lock nut.

KM3 INSTALLATION KIT FOR DUAL-PIPE GAS METERS

VALVE + FITTING KIT - CRIMP VERSION

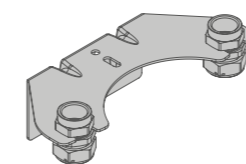


- Fixing bracket
- Padlockable lever
- MOP 5
- -20 °C +60 °C
- HTB 650° for 30' (DIN EN331 B1)
- HTB 650° for 30' (DIN EN331 C5) - TAE

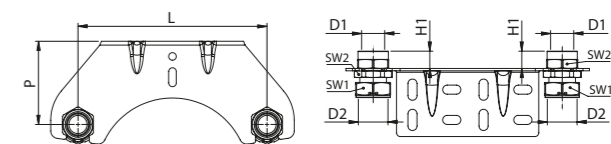


Code	DN	FIREBAG TAE	GST® GS m³/h	D1	D2	L	P	H1	H2	SW1	SW2	Pack
KM3PP1RC100	25			Ø28	G1"1/4	250	110	99	32	46	46	1
KM3PT1RC100	25	●		Ø28	G1"1/4	250	110	95	32	46	46	1
KM3PG1RC100	25		V _{GAS} 2.5	Ø28	G1"1/4	250	110	99	32	46	46	1
KM3PG2RC100	25		V _{GAS} 4.0	Ø28	G1"1/4	250	110	99	32	46	46	1
KM3PG3RC100	25		V _{GAS} 6.0	Ø28	G1"1/4	250	110	99	32	46	46	1

KIT WITH 2 FITTINGS - THREADED VERSION



- Fixing bracket
- MOP 5
- -20 °C +60 °C



Code	DN	D1	D2	L	P	H1	SW1	SW2	Pack
KM3RC1RC100	25	Rp1"	G1"1/4	250	110	23	46	46	1



Open



Closed

CLOSING THE VALVE

When the lever is in the "CLOSED" position, it can be locked with a device (e.g. a padlock) to protect the system against involuntary opening of the valve.

G6

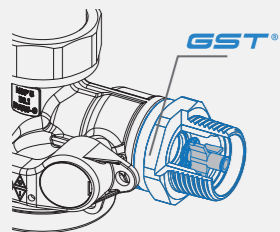
METER VALVE FOR SINGLE-PIPE GAS METERS

G6 valves are specifically for single-pipe gas meters and are available with Firebag® and GST® safety devices.

The range includes both the straight and elbow version, both with a built-in pressure fitting.

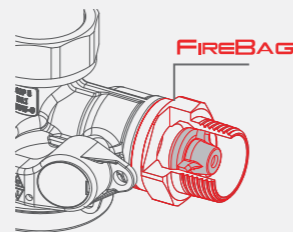
GST®

The valves are available with the GST® excess flow safety device built into the steel inlet fitting. The valve sizes remain unchanged. The GST® excess flow safety device is built in accordance with the **DVGW VP 305-1** standard and is built into the valves/fittings; it has a flow rate $V_{GAS} 2.5 - 4.0 - 6.0 \text{ m}^3/\text{h}$ at a maximum pressure of 100 mbar. (see page 245)



FIREBAG® - TAE

G6 valves are available with the FIREBAG® thermal safety device built into the steel inlet fitting. The valve sizes remain unchanged. The FIREBAG® device meets the requirements of the **DIN 3586** standard and is built into the valves/fittings. The thermal device activates at a temperature of 100 °C - 5K and can withstand temperatures of up to 650 °C for 30 minutes at a pressure of 5 bar. (see page 231)



i G6 valves are supplied with a single built-in safety device.



CERTIFICATIONS AND TECHNICAL SPECIFICATIONS

Reference standards	DIN EN 331 DIN 3376/2 DIN 3586 DVGW VP305-1:12/2007 K/M DVGW G 5614 DVGW VP 308
Working pressure	MOP 5 Bar (G6 con GST MOP 100 mBar)
Working temperature	-20 °C + 60 °C
High temperature resistance	HTB 650 °C for 30'
Application	For all types of gas as specified in EN 437 and DVGW G260/1 (Methane, Butane, Propane)



G-PRESS®

Teco also offers the valves with crimp connections compatible with copper pipes in accordance with the **DVGW G 5614** standard and in compliance with **UNI 11065**.

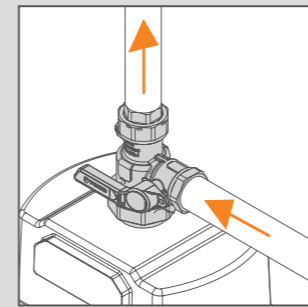
The fittings are compatible with the crimping tools for DVGW certified -M- or -V- systems.



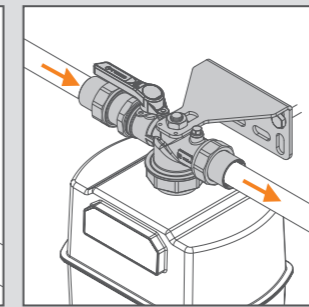
HTB

High temperature resistance of 650 °C for 30 minutes, as required by **EN1775** and **DIN EN331**.

FULL RANGE



Right-angle version



Straight version



GI-TEC

Strong fixing bracket (supplied with straight single-pipe valves only)



PADLOCKABLE LEVER

All of the valves can be padlocked in the "CLOSED" position

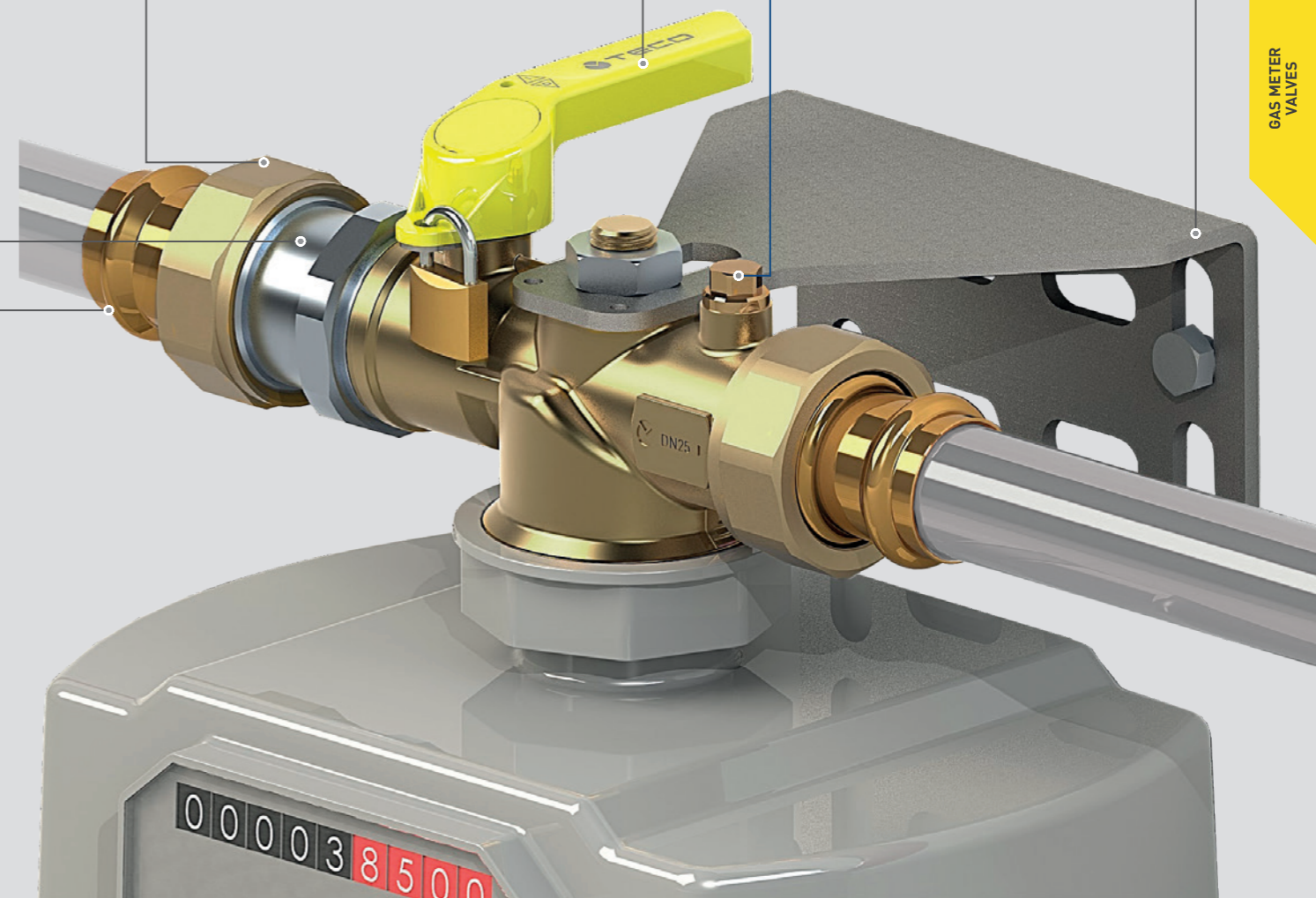


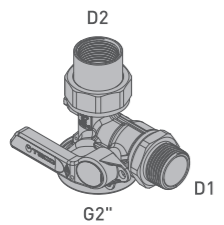
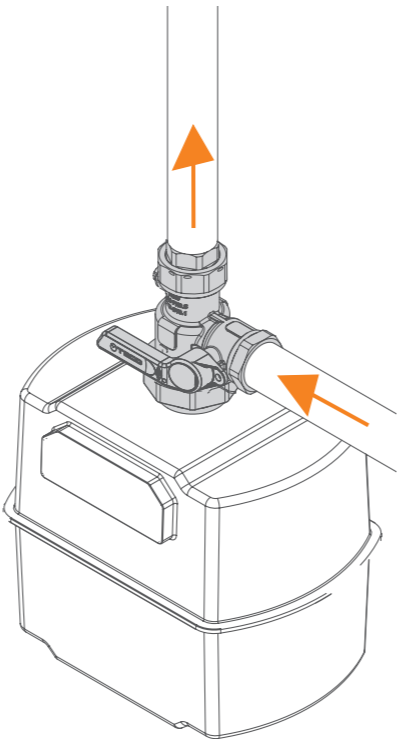
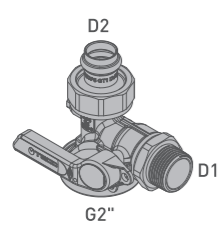
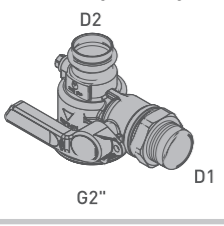
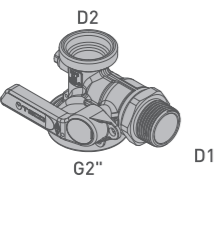
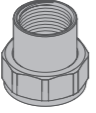
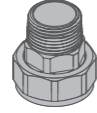
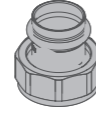
TAPERED SEAL

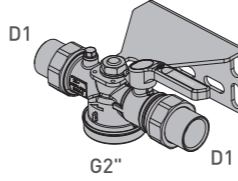
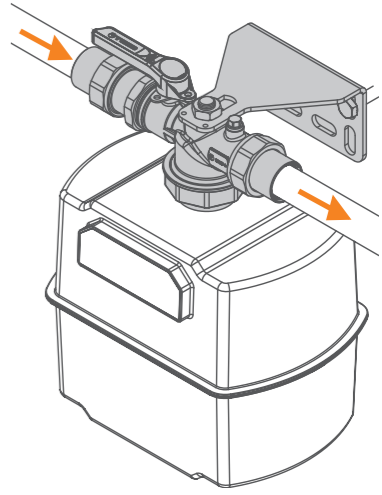
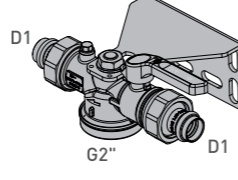
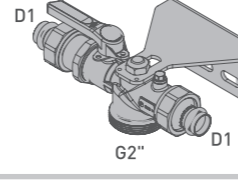
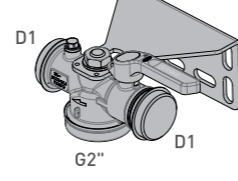
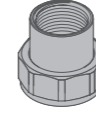
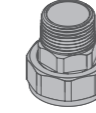
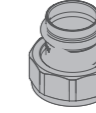
Fitting with tapered seal **DIN 3436**



PRESSURE FITTING
All G6 valves for single-pipe gas meters have a pressure fitting that is certified in accordance with **DVGW VP 308**



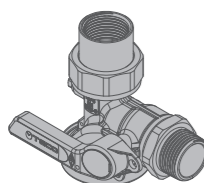
90° VERSION						APPLICATION
DIN 3376-2 90° threaded valve with threaded fitting 	DN	D1 EN 10226-1	D2 EN 10226-1	FIREBAG TAE	GST® GS m³/h	
	25					
	25			•		
	25	R1"	Rp1"		V _{GAS} =2.5	
	25				V _{GAS} =4.0	
25				V _{GAS} =6.0		
DIN 3376-2 90° threaded valve with crimp fitting 	DN	D1 EN 10226-1	D2 DVGW G5614	FIREBAG TAE	GST® GS m³/h	
	25					
	25			•		
	25	R1"	ø22		V _{GAS} =2.5	
	25				V _{GAS} =4.0	
25				V _{GAS} =6.0		
DIN 3376-2 90° threaded/crimp one-piece valve 	25					
	25			•		
	25	R1"	ø28		V _{GAS} =2.5	
	25				V _{GAS} =4.0	
	25				V _{GAS} =6.0	
DIN 3376-2 90° threaded valve with connection for DIN 3436 fittings 	DN	D1 EN 10226-1	D2 ISO228-1	FIREBAG TAE	GST® GS m³/h	
	25					
	25			•		
	25	R1"	G1" 3/8		V _{GAS} =2.5	
	25				V _{GAS} =4.0	
25				V _{GAS} =6.0		
DIN 3436 fittings						
	Rp 1" EN10226-1	R 1" EN10226-1	P Ø22-Ø28 DVGW G5614			
						
	G1" 3/8 ISO 228-1	G1" 3/8 ISO 228-1	G1" 3/8 ISO 228-1			

STRAIGHT VERSION						APPLICATION
DIN 3376-2 straight valve with threaded fittings 	DN	D1 EN 10226-1		FIREBAG TAE	GST® GS m³/h	
	25					
	25			•		
	25	R1"			V _{GAS} =2.5	
	25				V _{GAS} =4.0	
25				V _{GAS} =6.0		
DIN 3376-2 straight single-piece valve with crimp fittings 	DN	D1 DVGW G5614		FIREBAG TAE	GST® GS m³/h	
	25					
	25			•		
	25	ø28			V _{GAS} =2.5	
	25				V _{GAS} =4.0	
25				V _{GAS} =6.0		
DIN 3376-2 straight valve with crimp fittings 	25					
	25			•		
	25	R1"	ø22		V _{GAS} =2.5	
	25				V _{GAS} =4.0	
	25				V _{GAS} =6.0	
DIN 3376-2 straight threaded valve with connection for DIN 3436 fittings 	DN	D1 ISO228-1		FIREBAG TAE	GST® GS m³/h	
	25					
	25			•		
	25	G1" 3/8			V _{GAS} =2.5	
	25				V _{GAS} =4.0	
25				V _{GAS} =6.0		
DIN 3436 fittings						
	Rp 1" EN10226-1	R 1" EN10226-1	P Ø22-Ø28 DVGW G5614			
						
	G1" 3/8 ISO 228-1	G1" 3/8 ISO 228-1	G1" 3/8 ISO 228-1			

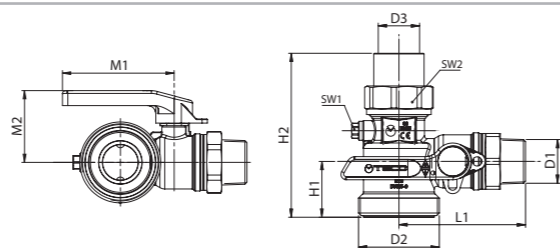
G6 RIGHT-ANGLE VALVE FOR SINGLE-PIPE GAS METERS

90° VALVE

INLET: R1" THREAD - OUTLET: RP1" FITTING



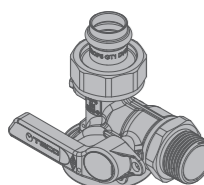
- Padlockable lever
- G1/8" pressure fitting
- MOP 5 Bar (G6 con GST MOP 100 mBar)
- -20 °C + 60 °C
- HTB 650 °C for 30' (DIN EN331 C0.1)
- HTB 650 °C for 30' (DIN EN331 C5) - TAE



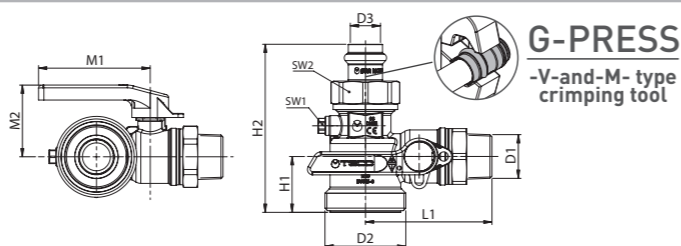
Code	DN	FIREBAG TAE	GST® GS m³/h	D1	D2	D3	L1	H1	H2	M1	M2	SW1.	SW2	Pack
G61315L100	25			R1"	G2"	Rp1"	83	41	111	82	53	10	48	10
G62315L100	25	•		R1"	G2"	Rp1"	93	41	111	82	53	10	48	10
G63315L200	25		V _{GAS} =2.5	R1"	G2"	Rp1"	91	41	111	82	53	10	48	10
G63315L300	25		V _{GAS} =4.0	R1"	G2"	Rp1"	91	41	111	82	53	10	48	10
G63315L400	25		V _{GAS} =6.0	R1"	G2"	Rp1"	91	41	111	82	53	10	48	10

90° VALVE

INLET: R1" THREAD - OUTLET: CRIMP FITTING, DIAM. 22MM



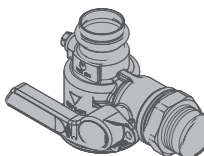
- Padlockable lever
- G1/8" pressure fitting
- MOP 5 Bar (G6 con GST MOP 100 mBar)
- -20 °C + 60 °C
- HTB 650 °C for 30' (DIN EN331 C0.1)
- HTB 650 °C for 30' (DIN EN331 C5) - TAE



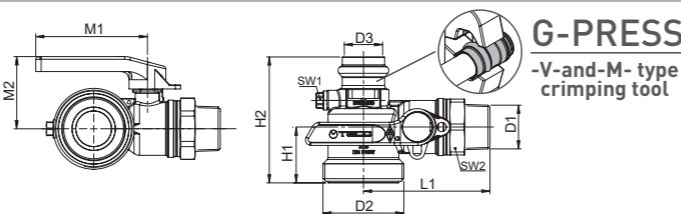
Code	DN	FIREBAG TAE	GST® GS m³/h	D1	D2	D3	L1	H1	H2	M1	M2	SW1.	SW2	Pack
G6131DL100	25			R1"	G2"	Ø22	83	41	114	82	53	10	48	10
G6231DL100	25	•		R1"	G2"	Ø22	93	41	114	82	53	10	48	10
G6331DL200	25		V _{GAS} =2.5	R1"	G2"	Ø22	91	41	114	82	53	10	48	10
G6331DL300	25		V _{GAS} =4.0	R1"	G2"	Ø22	91	41	114	82	53	10	48	10
G6331DL400	25		V _{GAS} =6.0	R1"	G2"	Ø22	91	41	114	82	53	10	48	10

90° SINGLE-PIECE VALVE

INLET: R1" THREAD - OUTLET: CRIMP, DIAM. 28MM



- Padlockable lever
- G1/8" pressure fitting
- MOP 5 Bar (G6 con GST MOP 100 mBar)
- -20 °C + 60 °C
- HTB 650 °C for 30' (DIN EN331 C0.1)
- HTB 650 °C for 30' (DIN EN331 C5) - TAE

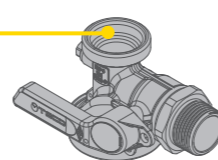


Code	DN	FIREBAG TAE	GST® GS m³/h	D1	D2	D3	L1	H1	H2	M1	M2	SW1.	SW2	Pack
G6131SL100	25			R1"	G2"	Ø28	93	41	93	82	53	10	41	10
G6231SL100	25	•		R1"	G2"	Ø28	93	41	93	82	53	10	41	10
G6331SL200	25		V _{GAS} =2.5	R1"	G2"	Ø28	93	41	93	82	53	10	41	10
G6331SL300	25		V _{GAS} =4.0	R1"	G2"	Ø28	93	41	93	82	53	10	41	10
G6331SL400	25		V _{GAS} =6.0	R1"	G2"	Ø28	93	41	93	82	53	10	41	10

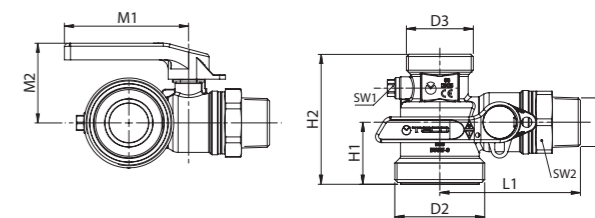
G6 RIGHT-ANGLE VALVE FOR SINGLE-PIPE GAS METERS

90° THREADED VALVE WITH CONNECTION FOR DIN 3436 FITTINGS

INLET: R1" THREAD - OUTLET: G1" 3/8 CONNECTION



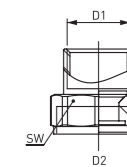
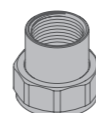
- Padlockable lever
- G1/8" pressure fitting
- MOP 5 Bar (G6 con GST MOP 100 mBar)
- -20 °C + 60 °C
- HTB 650 °C for 30' (DIN EN331 C0.1)
- HTB 650 °C for 30' (DIN EN331 C5) - TAE



Code	DN	FIREBAG TAE	GST® GS m³/h	D1	D2	D3	L1	H1	H2	M1	M2	SW1.	SW2	Pack
G61316L100	25			R1"	G2"	G1" 3/8	83	41	77	82	53	10	41	10
G62316L100	25	•		R1"	G2"	G1" 3/8	93	41	77	82	53	10	41	10
G63316L200	25		V _{GAS} =2.5	R1"	G2"	G1" 3/8	91	41	77	82	53	10	41	10
G63316L300	25		V _{GAS} =4.0	R1"	G2"	G1" 3/8	91	41	77	82	53	10	41	10
G63316L400	25		V _{GAS} =6.0	R1"	G2"	G1" 3/8	91	41	77	82	53	10	41	10

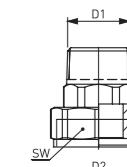
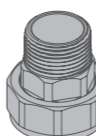
DIN 3436 G1" 3/8 FITTINGS WITH TAPERED SEALS

RP1" FITTING



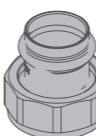
Code	D1	D2	SW	Pack
CD0131453100	Rp1"	1" 3/8	48	10

R1" FITTING



Code	D1	D2	SW	Pack
CD0131453200	R1"	1" 3/8	48	10

CRIMP FITTING

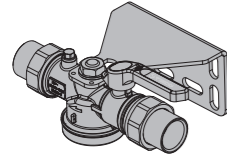


Code	D1	D2	SW	Pack
CD01314B3100	Ø22	1" 3/8	48	10
CD01314B4100	Ø28	1" 3/8	48	10

G6 STRAIGHT VALVE FOR SINGLE-PIPE GAS METERS

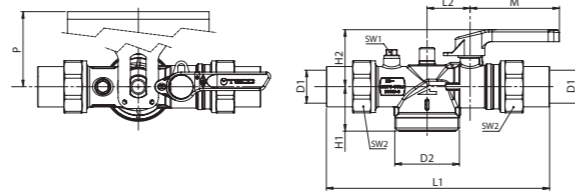
STRAIGHT VALVE

INLET: RP1" FITTING - OUTLET: RP1" FITTING



- Padlockable lever
- G1/8" pressure fitting
- Steel fixing bracket

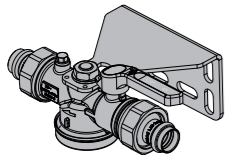
- MOP 5 Bar (G6 con GST MOP 100 mBar)
- -20 °C + 60 °C
- HTB 650 °C for 30' (DIN EN331 C0.1)
- HTB 650 °C for 30' (DIN EN331 C5) - TAE



Code	DN	FIREBAG TAE	GST® GS m³/h	D1	D2	H1	H2	L1	L2	M	SW1	SW2	P	Pack
G61305L100	25			Rp1"	G2"	41	52	206	40	82	10	48	100+120	5
G62305L100	25	●		Rp1"	G2"	41	52	230	40	82	10	48	100+120	5
G63305L200	25		V _{GAS} =2.5	Rp1"	G2"	41	52	230	40	82	10	48	100+120	5
G63305L300	25		V _{GAS} =4.0	Rp1"	G2"	41	52	230	40	82	10	48	100+120	5
G63305L400	25		V _{GAS} =6.0	Rp1"	G2"	41	52	230	40	82	10	48	100+120	5

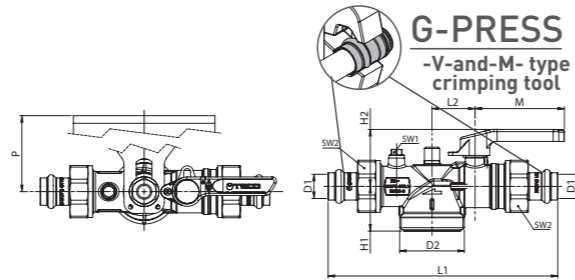
STRAIGHT VALVE

INLET: CRIMP FITTING, DIAM. 22 - OUTLET: CRIMP FITTING, DIAM. 22



- Padlockable lever
- G1/8" pressure fitting
- Steel fixing bracket

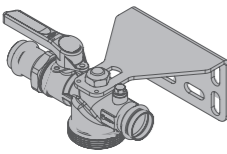
- MOP 5 Bar (G6 con GST MOP 100 mBar)
- -20 °C + 60 °C
- HTB 650 °C for 30' (DIN EN331 C0.1)
- HTB 650 °C for 30' (DIN EN331 C5) - TAE



Code	DN	FIREBAG TAE	GST® GS m³/h	D1	D2	H1	H2	L1	L2	M	SW1	SW2	P	Pack
G6130DL100	25			Ø22	G2"	41	52	210	40	82	10	48	100+120	5
G6230DL100	25	●		Ø22	G2"	41	52	236	40	82	10	48	100+120	5
G6330DL200	25		V _{GAS} =2.5	Ø22	G2"	41	52	236	40	82	10	48	100+120	5
G6330DL300	25		V _{GAS} =4.0	Ø22	G2"	41	52	236	40	82	10	48	100+120	5
G6330DL400	25		V _{GAS} =6.0	Ø22	G2"	41	52	236	40	82	10	48	100+120	5

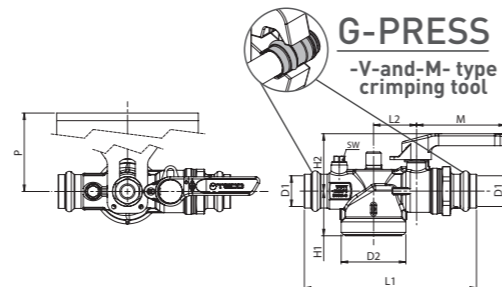
STRAIGHT SINGLE-PIECE VALVE

INLET: CRIMP, DIAM. 28 - OUTLET: CRIMP, DIAM. 28



- Padlockable lever
- G1/8" pressure fitting
- Steel fixing bracket

- MOP 5 Bar (G6 con GST MOP 100 mBar)
- -20 °C + 60 °C
- HTB 650 °C for 30' (DIN EN331 B0.1)
- HTB 650 °C for 30' (DIN EN331 C1) - TAE

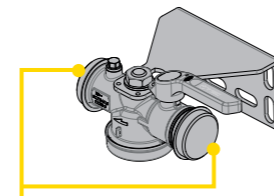


Code	DN	FIREBAG TAE	GST® GS m³/h	D1	D2	H1	H2	L1	L2	M	SW	P	Pack
G6130SL100	25			Ø28	G2"	41	53	158	40	82	10	100+120	5
G6230SL100	25	●		Ø28	G2"	41	53	171	40	82	10	100+120	5
G6330SL200	25		V _{GAS} =2.5	Ø28	G2"	41	53	175	40	82	10	100+120	5
G6330SL300	25		V _{GAS} =4.0	Ø28	G2"	41	53	175	40	82	10	100+120	5
G6330SL400	25		V _{GAS} =6.0	Ø28	G2"	41	53	175	40	82	10	100+120	5

G6 STRAIGHT VALVE FOR SINGLE-PIPE GAS METERS

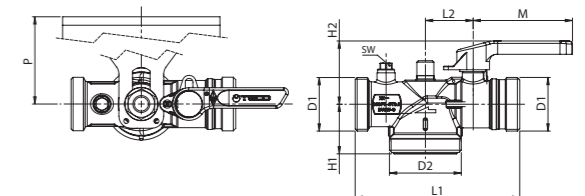
STRAIGHT THREADED VALVE WITH CONNECTION FOR DIN 3436 FITTINGS

INLET: G1" 3/8 CONNECTION - OUTLET: G1" 3/8 CONNECTION



- Padlockable lever
- G1/8" pressure fitting
- Steel fixing bracket

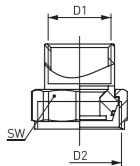
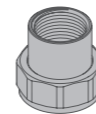
- MOP 5 Bar (G6 con GST MOP 100 mBar)
- -20 °C + 60 °C
- HTB 650 °C for 30' (DIN EN331 C0.1)
- HTB 650 °C for 30' (DIN EN331 C5) - TAE



Code	DN	FIREBAG TAE	GST® GS m³/h	D1	D2	H1	H2	L1	L2	M	SW	P	Pack
G61306L100	25			G1" 3/8	G2"	41	52	136	40	82	10	100+120	5
G62306L100	25	●		G1" 3/8	G2"	41	52	162	40	82	10	100+120	5
G63306L200	25		V _{GAS} =2.5	G1" 3/8	G2"	41	52	162	40	82	10	100+120	5
G63306L300	25		V _{GAS} =4.0	G1" 3/8	G2"	41	52	162	40	82	10	100+120	5
G63306L400	25		V _{GAS} =6.0	G1" 3/8	G2"	41	52	162	40	82	10	100+120	5

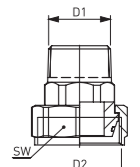
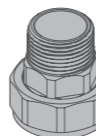
DIN 3436 G1" 3/8 FITTINGS WITH TAPERED SEALS

RP1" FITTING



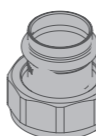
Code	D1	D2	SW	Pack
CD0131453100	Rp1"	1" 3/8	48	10

R1" FITTING



Code	D1	D2	SW	Pack
CD0131453200	R1"	1" 3/8	48	10

CRIMP FITTING



Code	D1	D2	SW	Pack
CD01314B3100	Ø22	1" 3/8	48	10
CD01314B4100	Ø28	1" 3/8	48	10