



# LP189

## Complete under pressure tapping device (patented) for potable water service connections

For PE, PVC, Cast iron, steel and fiber cement pipes - Saddle DN65 to 300 – Ball valve DN40

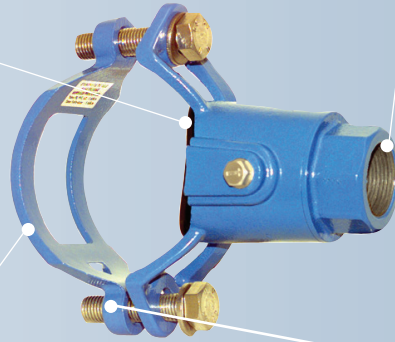
### PRODUCT DESCRIPTION

Saddle with built-in ball valve  
No surface box needed

### Field of application\*

	Ductile cast iron Grey cast iron		PE80 PN16
	Steel and coated steel Fiber cement		PE100 PN16
			PVC PN16 and 25

Specially shaped, full bore gasket. No metal ring needed



Female threaded outlet 3/4" to 2"

### + Product

#### One-piece tapping device

- Universal large tolerance tapping saddle
- Spheruo ball valve
- BSP threaded outlet

Female threaded lug = only 1 wrench needed. No galling risk. Available with SS screws

### > Associated product

#### One-use upright tap

By means of a 90° brass elbow fitting, type 9019/M



**BUILT-IN BALL VALVE WITH THE SAME PERFORMANCES AS A SPHERUO COCK**

**FOR TAPPINGS UP TO Ø36**

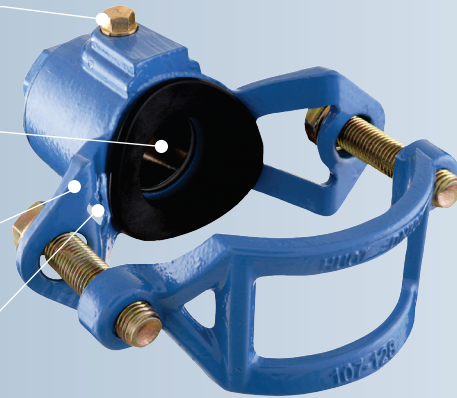
**For side, upright or diagonal tapping**

Standard wrench

1/4-turn valve: clockwise opening, anti-clockwise closing. Inside stops protected against the outside environment

Anti-corrosion epoxy coating

Torque check by means of a torque wrench. Torque indication on the label



### Important ...

- > All-in-one tapping device, no surface box needed
- > Handling by a standard wrench
- > Anti-corrosion epoxy coating
- > BSP threaded outlet
- > Saddle : DN 65 to 300

OPTIMUM EPOXY PROTECTION

SAFETY GASKET

PRESSURE 16 BAR

STANDARD WRENCH HANDLING 13

ONLY ONE WRENCH X1

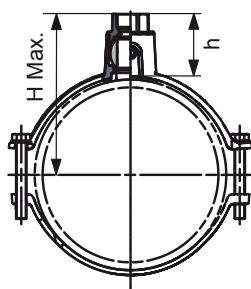
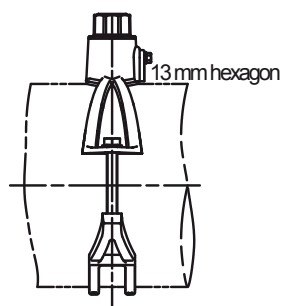
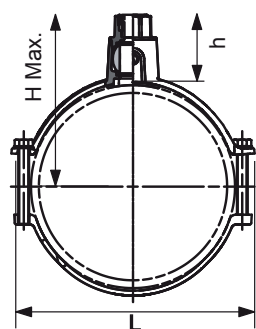
MADE IN FRANCE

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## TECHNICAL SPECIFICATIONS



Maximum tapping diameter

Female thread (inch)	3/4"	1"	1 1/4"	1 1/2"	2"
Maximum bore diameter (mm)	20	25	33	36	36

Code	DN Pipe	Tolerance O.D. (mm)	Female thread (inch)	H (mm)	h (mm)	Weight (kg)	L (mm)	Bolt Size
189.6520I	65	69-88	3/4"	135	86	2,310	150	M16-65
189.6526I			1"	137	88	2,280		
189.6533I			1 1/4"	148	99	2,480		
189.6540I			1 1/2"	148	99	2,460		
189.6550I			2"	160	111	2,650		
189.8020I	80	88-109	3/4"	141	83	2,320	167	M16-80
189.8026I			1"	144	85	2,280		
189.8033I			1 1/4"	155	97	2,480		
189.8040I			1 1/2"	155	97	2,460		
189.8050I			2"	167	109	2,650		
189.10020I	100	107-128	3/4"	151	83	2,380	188	M16-70
189.10026I			1"	153	85	2,340		
189.10033I			1 1/4"	165	97	2,530		
189.10040I			1 1/2"	165	97	2,530		
189.10050I			2"	177	109	2,720		
189.12520I	125	132-152	3/4"	163	83	2,490	212	M16-80
189.12526I			1"	165	85	2,450		
189.12533I			1 1/4"	177	97	2,640		
189.12540I			1 1/2"	177	97	2,640		
189.12550I			2"	189	109	2,810		
189.15020I	150	158-182	3/4"	178	83	2,550	242	M16-80
189.15026I			1"	180	85	2,520		
189.15033I			1 1/4"	192	97	2,690		
189.15040I			1 1/2"	192	97	2,680		
189.15050I			2"	204	109	2,870		
189.17520I	175	192-207	3/4"	190	83	2,830	267	M16-100
189.17526I			1"	192	85	2,790		
189.17533I			1 1/4"	204	97	2,980		
189.17540I			1 1/2"	204	97	2,950		
189.17550I			2"	216	109	3,160		
189.20020I	200	217-234	3/4"	204	83	3,160	294	M16-100
189.20026I			1"	206	85	3,120		
189.20033I			1 1/4"	218	97	3,310		
189.20040I			1 1/2"	218	97	3,280		
189.20050I			2"	230	109	3,470		
189.22520I	225	240-267	3/4"	220	83	3,450	327	M16-120
189.22526I			1"	222	85	3,420		
189.22533I			1 1/4"	234	97	3,600		
189.22540I			1 1/2"	234	97	3,600		
189.22550I			2"	248	109	3,780		
189.25020I	250	270-288	3/4"	231	83	3,530	348	M16-120
189.25026I			1"	233	85	3,500		
189.25033I			1 1/4"	245	97	3,680		
189.25040I			1 1/2"	245	97	3,680		
189.25050I			2"	257	109	3,870		
189.30020I	300	311-336	3/4"	242	83	3,940	396	M16-120
189.30026I			1"	244	85	3,870		
189.30033I			1 1/4"	256	97	4,090		
189.30040I			1 1/2"	256	97	3,760		
189.30050I			2"	268	109	4,270		

Saddle and valve body	ductile cast iron according EN 1563
Valve ball	nickel plated brass according DN 12164 / NF EN 12168
Ring (seat)	PTFE
Gasket (saddle)	EN 681-1 rubber – for fluid temperatures below 40°C
Outlet	female threaded 3/4" to 2" ISO 228-1
Screws	bichromated zinc coated steel according NF EN ISO 401X/variant: SS A2 (304). Recommended torque = 50 Nm
Coating	epoxy, average thickness 250 micron

Strength test to HUOT specifications: 150 Nm. Tests of valve body and ball according NF E 29-311 ISO 5208 standard. Test certificates in accordance with current standards are available on request

All our products are recyclable

