

UNIVERSAL PIPE SADDLE

For steel, ductile iron and asbestos cement pipes



Design features

- Compact saddle body
- Favorable angle of contact
- Flexible padded wrap around strap for easy installation
- Optimum force transfer of the strap screw connection through strap and cylinder disks as bolt contact area
- The saddle seal is moulded to fit the pipe diameter and is prefixed in the saddle body
- All internal threads are fitted with a corrosion protection ring to prevent corrosion and incrustations
- Version for potential equalization ("grounding") on request
- No. 3500 / 3510 for drilling without pressure

Material | Technical features

- 1 **Saddle body** made of ductile iron, epoxy powder-coated
- 2 **Saddle seal** made of elastomer
- 3 **Nuts** free lying, (Molybdenum-coated)
No. 3500 / 3530: made of stainless steel spherical bearings
No. 3510: on stainless steel cylinder disk
- 4 **Strap** made of passivated stainless steel, strength 1,5 with insulating elastomer **rubber padding**
- 5 **Corrosion protection ring** made of elastomer

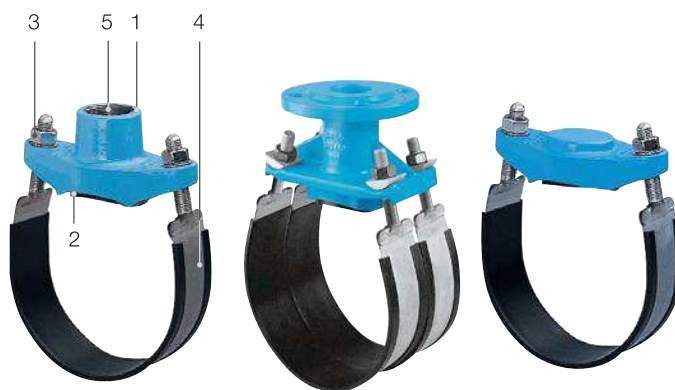
Suitable accessories

Drilling machine: No. 5800, No 5805, No 5807

No. 3500 Pipe saddle / internal thread

No. 3510 Pipe saddle / flange

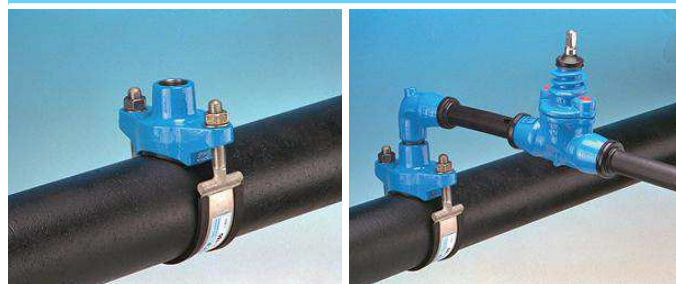
No. 3530 Saddle without drilled connection hole



Order no.	Internal thread DN	MOP (PN)	Dimensions/DN													
			50	65	80	100	125	150	200	250	300	350	400	450	500	600
3500	1"	16														
	1¼"															
	1½"															
	2"															
	2½"															
	3"															
3510	40															
	50															
	80															
	100															
3530	150															

Please specify pipe material on order

Application examples



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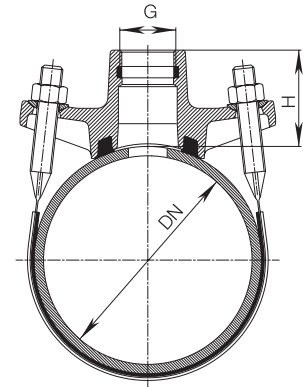


Thread outlet G		Dimension/DN													
		50	65	80	100	125	150	200	250	300	350	400	450	500	600
1"	Weight	2,30	2,20	2,40	2,50	3,30	3,40	3,90	4,60	4,70					
	H	64	64	61	61	78	78	86	89	89					
1¼"	Weight	2,30	2,20	2,40	2,50	3,40	3,50	4,10	4,60	4,70					
	H	64	64	61	61	78	78	86	89	89					
1½"	Weight			2,40	2,50	3,60	3,60	4,20	4,80	4,90					
	H			57	57	78	78	86	89	89					
2"	Weight			2,45	2,50	3,80	3,90	4,40	5,00	5,10	7,30	7,60	8,00	8,20	8,80
	H			57	57	78	78	86	89	89	74*	74*	74*	74*	74*
2½"	Weight							5,70							
	H							56*							
3"	Weight						5,40		5,90						
	H						54*		56*						

*Version with double strap

No. 3500 saddle clamp

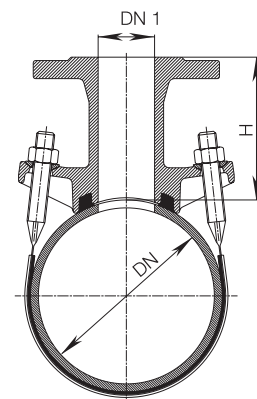
With internal threaded outlet ISO 228, in conjunction with shut-off adapter No. 3720 for under pressure drilling



Flange outlet DN 1		Dimension/DN											
		80	100	125	150	200	250	300	350	400	450	500	600
40	Weight		6,60	6,80	6,90	7,70							
	H		114	126	126	145							
50	Weight	6,60	6,60	6,80	6,90	7,70	7,90	8,00					
	H	114	114	126	126	145	153	153					
80	Weight				9,50	10,30	11,50	11,80	14,50	14,90	15,70	16,50	17,30
	H				135	150	147	147	146	146	146	146	146
100	Weight				11,10	11,80	12,50	12,70	15,80	16,00	16,90	17,60	18,30
	H				140	155	158	158	165	165	165	165	165
150	Weight									24,00	29,40	30,50	31,90
	H									186	186	186	186

No. 3510 saddle clamp

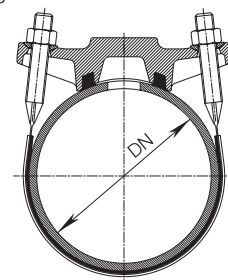
With flanged outlet - EN 1092-2; all models have a double strap, flange drilling to EN 1092-2 | PN 16, larger DN on request



Dimension/DN	65	80	100	125	150	200	250	300	350	600
Weight	2,60	2,70	2,90	3,50	3,60	4,30	4,80	4,90	6,50	10,00

No. 3530 pipe saddle without drilled hole

Suitable for covering drill holes up to max. Ø40



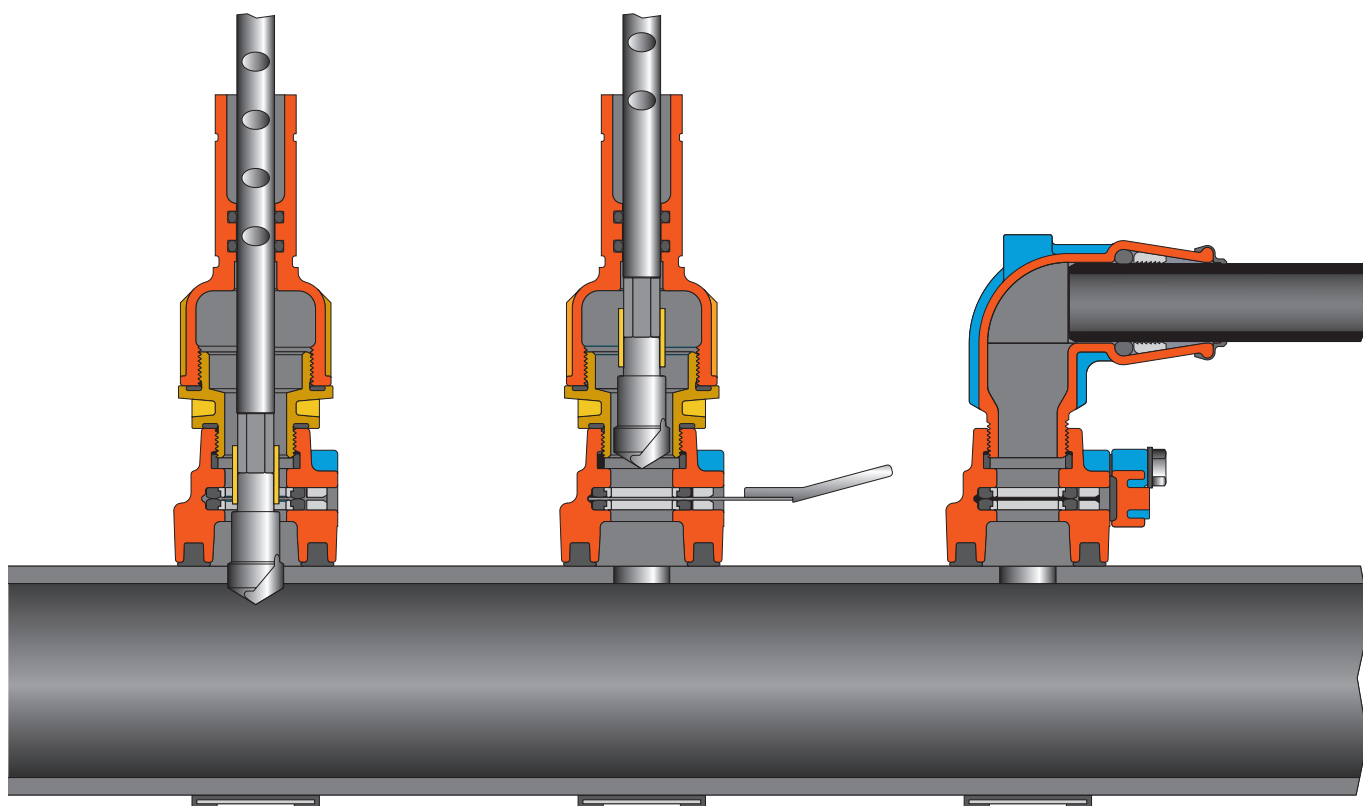
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SADDLES

Drilling instructions under pressure



1 Drilling:

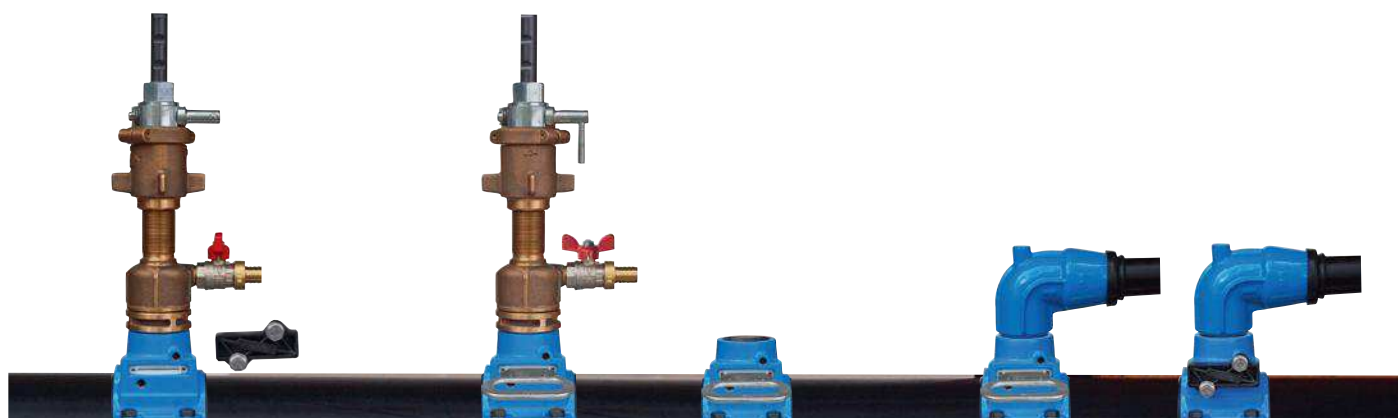
Drill the pipe with a drilling machine
No. 5800, No. 5805 (Hawle drilling
machine see "Tools") - retract the drill

2 Shut-off:

Lubricate No. 3443 the saddle
blade (No. 8401) - shut-off

3 Connection:

Connect the pipe - remove saddle
blade - cover must be replaced



1

2

3



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