TAPPING SADDLES · HDPE PIPE

TSD Ductile Iron Tapping Saddle

Two-piece ductile iron GGG50 tapping saddle for HDPE pipe from 50 mm to 315 mm OD, with threaded BSPT outlets from 3/4" to 3". Fusion bonded epoxy coated to Australian requirements, with an EPDM gasket and stainless steel fasteners.



DUCTILE IRON GGG50 | FBE COATED | BSPT OUTLET | PN10 · PN16

FEATURES

- Ductile iron GGG50 upper and under body
- Fusion bonded epoxy coating to Australian requirements
- Threaded BSPT outlets, 3/4" to 3"
- 10 bar / 16 bar working pressures
- EPDM gasket seal
- Stainless steel bolts, nuts and washers

APPLICATIONS

- Service connections on HDPE water mains
- Branch take-offs on live and new lines
- Irrigation and rural water supply
- Municipal reticulation networks
- Industrial and mining water lines

TECHNICAL SPECIFICATIONS

Pipe size range	HDPE 50 – 315 mm OD
Outlet	BSPT female thread, 3/4" – 3"
Working pressure	PN10 / PN16
Body	Ductile iron GGG50
Coating	Fusion bonded epoxy
Gasket	EPDM
Fasteners	SS304 bolts, nuts and washers

PARTS LIST

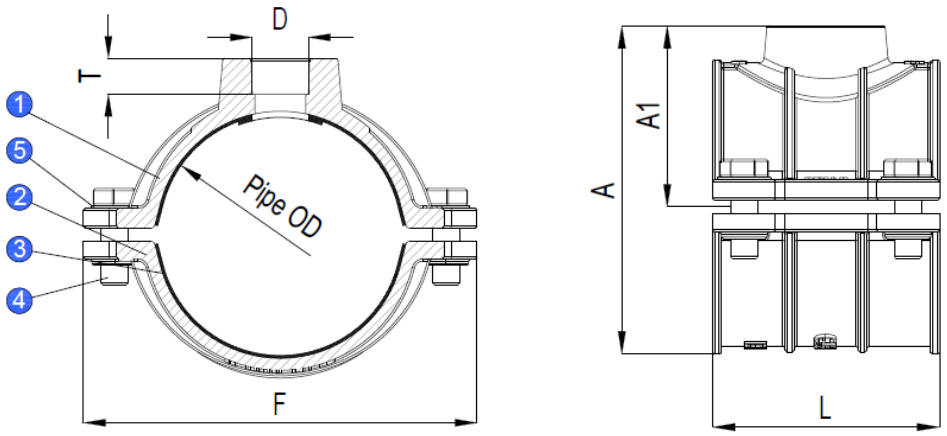
No.	Part name	Material
1	Upper body	Ductile iron GGG50
2	Under body	Ductile iron GGG50
3	Gasket	EPDM rubber
4	Bolts	SS304

Item numbers refer to the construction detail below.

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LOCATION
36 Hub Crescent, Heathwood QLD 4110 (Head Office)

CONSTRUCTION DETAIL



Section through the saddle (left) and side elevation (right). D outlet thread, T outlet boss height, F overall width, A overall height, A1 pipe centreline to outlet face, L saddle length.

PART NUMBERS & DIMENSIONS (MM)

Part no.	Pipe OD	D (BSPT)	L	A	A1	F	T	Bolt size
TSD050X03/4	50	3/4"	80	84	48	114	18	M10 × 35
TSD050X1	50	1"	80	84	48	114	18	M10 × 35
TSD063X03/4	63	3/4"	90	97	54	127	18	M10 × 35
TSD063X1	63	1"	90	97	54	127	18	M10 × 35
TSD063X11/4	63	1 1/4"	90	97	54	127	18	M10 × 35
TSD063X11/2	63	1 1/2"	90	97	54	127	18	M10 × 35
TSD063X2	63	2"	90	97	54	127	18	M10 × 35
TSD075X03/4	75	3/4"	100	110	61	144	18	M10 × 35
TSD075X1	75	1"	100	110	61	144	18	M10 × 35
TSD075X11/4	75	1 1/4"	100	110	61	144	18	M10 × 35
TSD075X11/2	75	1 1/2"	100	110	61	144	18	M10 × 35
TSD075X2	75	2"	100	110	61	144	18	M10 × 35
TSD090X03/4	90	3/4"	100	124	70	156	20	M10 × 35
TSD090X1	90	1"	100	124	70	156	20	M10 × 35
TSD090X11/4	90	1 1/4"	100	124	70	156	20	M10 × 35
TSD090X11/2	90	1 1/2"	100	124	70	156	20	M10 × 35
TSD090X2	90	2"	100	124	70	156	20	M10 × 35
TSD110X03/4	110	3/4"	110	144	80	178	20	M10 × 35
TSD110X1	110	1"	110	144	80	178	20	M10 × 35
TSD110X11/4	110	1 1/4"	110	144	80	178	20	M10 × 35
TSD110X2	110	2"	110	144	80	178	20	M10 × 35
TSD125X1	125	1"	110	160	90	197	20	M12 × 35
TSD125X11/2	125	1 1/2"	110	160	90	197	20	M12 × 35
TSD125X2	125	2"	110	160	90	197	20	M12 × 35
TSD140X1	140	1"	110	176	97	212	20	M12 × 35

Part no.	Pipe OD	D (BSPT)	L	A	A1	F	T	Bolt size
TSD140X2	140	2"	110	176	97	212	20	M12 × 35
TSD160X1	160	1"	125	198	109	233	20	M12 × 35
TSD160X11/2	160	1 1/2"	125	198	109	233	20	M12 × 35
TSD160X2	160	2"	125	198	109	233	20	M12 × 35
TSD200X1	200	1"	140	240	131	282	20	M14 × 40
TSD200X11/2	200	1 1/2"	140	240	131	282	20	M14 × 40
TSD200X2	200	2"	140	240	131	282	20	M14 × 40
TSD200X3	200	3"	140	240	131	282	20	M14 × 40
TSD225X1	225	1"	125	266	144	307	20	M14 × 40
TSD225X11/2	225	1 1/2"	125	266	144	307	20	M14 × 40
TSD225X2	225	2"	125	266	144	307	20	M14 × 40
TSD225X3	225	3"	125	266	144	307	20	M14 × 40
TSD250X1	250	1"	140	291	156	334	20	M14 × 40
TSD250X11/2	250	1 1/2"	140	291	156	334	20	M14 × 40
TSD250X2	250	2"	140	291	156	334	20	M14 × 40
TSD250X3	250	3"	140	291	156	334	20	M14 × 40
TSD315X1	315	1"	140	356	189	400	20	M14 × 40
TSD315X11/2	315	1 1/2"	140	356	189	400	20	M14 × 40
TSD315X2	315	2"	140	356	189	400	20	M14 × 40
TSD315X3	315	3"	140	356	189	400	20	M14 × 40

Designs, materials and specifications shown are subject to change without notice due to our continuing program of product development. Pictures shown are for illustration purposes only. Confirm critical dimensions with Global Water Group prior to fabrication.