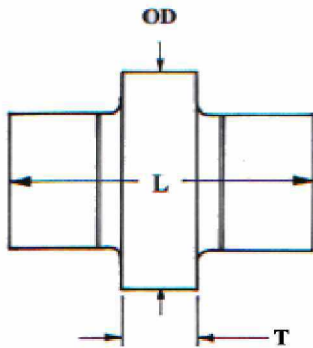




**INDEPENDENT
PIPE PRODUCTS**



IPS & DIPS
Water-Stop / Thru t-l olator
Wall-Pipe / Anchor Ring
Pre ure Rated for DR Ordered

(Dimen ion in Inche)

This pipeline component serve to re train and anchor again t thermal expan ion and contraction a well a prevent "French" draining of water along the pipe OD. It i a multi-purpo e fitting u ed in everal way for different rea on - hence, everal name for the ame part. It i engineered to hold the pipe in place by tran ferring the thermal force from the pipe to the oil or vault wall via a large area of u ally reinforced concrete. Make ure the oil bearing load area, a well a the thickne and tength of the concrete i ufficient.

Nominal Size IPS & DIPS	L	OD	T	DR	Weight (lbs)
2" IPS	12.0	3.90	2.00	11 - 32.5	2
3"	12.0	5.00	2.00	11 - 32.5	3
4"	12.0	6.60	2.00	11 - 32.5	4
6"	12.0	8.50	2.00	11 - 32.5	7
8"	16.0	10.65	2.00	11 - 32.5	15
10"	18.0	12.75	2.00	11 - 32.5	24
12"	22.0	15.00	2.00	11 - 32.5	39
14"	22.0	17.50	2.00	11 - 32.5	59
16"	24.0	20.00	2.00	11 - 32.5	88
18"	24.0	21.12	2.00	11 - 32.5	106
20"	24.0	23.50	2.00	11 - 32.5	131
22"	24.0	25.60	2.00	11 - 32.5	163
24"	28.0	28.00	2.00	11 - 32.5	187
26" IPS	28.0	30.00	2.00	17 - 32.5	141
28" IPS	28.0	32.30	2.00	17 - 32.5	162
30" IPS	28.0	34.30	2.00	17 - 32.5	191
32" IPS	30.0	36.50	2.00	17 - 32.5	233
34" IPS	30.0	40.80	2.00	17 - 32.5	264
36" IPS	30.0	40.80	2.25	17 - 32.5	298
42" IPS	30.0	47.50	2.50	21 - 32.5	336
48" IPS	30.0	54.00	2.50	21 - 32.5	412
54" IPS	30.0	60.00	2.50	21 - 32.5	574