

Drifts: For Casing & Tubing

JOT manufactures Casing & Tubing drifts as per API 5CT Specifications. Drifts are available in Steel, Aluminium, Teflon and Nylon in size ranging from 2-3/8" - 36".

Drifts are used for testing roundness of Casing & Tubing; making certain there are no Kinks, bends or flat places in the pipe. Drifts are used to ensure that the Drill pipes are of proper diameter throughout to run down hole tools. JOT can manufacture drifts as per customer specifications when requested.

<u>Standard Drift Size</u>				
Product detail		Standard drift mandrel Length size in inches	Ø Tolerance	Length Tolerance
Casing	<9-5/8	6 , 12	-0.005"	+0.125"
	9-5/8 to 13-3/8	12	-0.005"	
	>13-3/8	12	-0.010"	
Tubing	2-7/8	24 , 42	-0.005"	
	>2-7/8 to 8-5/8	12 , 24 , 42	-0.005"	
	>8-5/8 to <10-3/4	12 , 24 , 42	-0.005"	

Steel Drifts



Aluminium Drifts



Teflon Drifts



Nylon Drifts



JOT Drifts

Steel Drifts



Made from carbon steel, these are the most common casing and tubing drifts. These are finished in tolerance of + .005" over nominal as per API specification unless otherwise requested.

Aluminium Drifts



Made from 6061 aluminium this is an alternate material used when weight is an issue. Mostly used for the larger diameter casing drift. These are finished in tolerance of + .005" over nominal as per API specification unless otherwise requested.

Teflon Drifts



Teflon is the most common material used when non metallic drifts are required. Any of the non metallic drifts can grow or shrink .007" from the finished dimension with moderate temperature changes. The OD tolerance should therefore be considered when ordering these. A minimum .007" over nominal is recommended.

Nylon Drifts



Cast nylon is used for the larger diameter non metallic drift requirements. These are made from cast nylon tubes and have recessed aluminium end plates. As with any of Non metallic materials, these can grow or shrink .007" from the finished dimension with moderate temperature changes. The OD tolerance should therefore be considered when ordering. .007" to .010" over nominal is recommended for these.