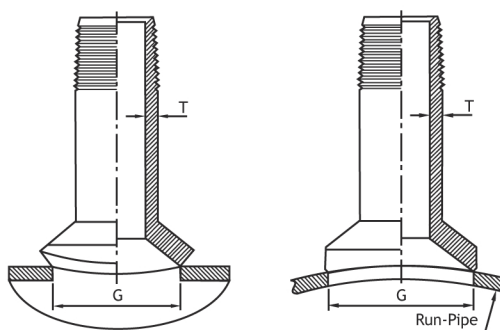


NIPPLE OUTLETS

(in millimeters)

Run-Pipe Size	Outlet Size	Wall-T	G	Unit Weight (kg)
36-3/4	1/2	7.3	23.9	0.36
36-1	3/4	7.9	30.2	0.56
36-1 1/4	1	8.9	36.6	0.84
36-1 1/2	1 1/4	9.7	44.5	1.22
36-2	1 1/2	10.2	50.8	2.00
36-2 1/2	2	11.2	65.0	3.12

All Dimensions are in millimeters (mm)



MSS SP- 97

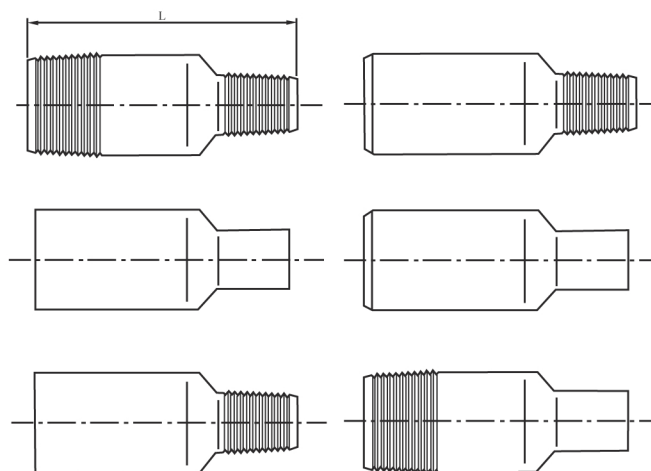
Swaged Nipple

(in millimeters)

Large end Size	Small and Size	Length-L
1/2	3/8-1/8	70
3/4	1/2-1/8	76
1	3/4-1/8	89
1 1/4	1-1/8	102
1 1/2	1 1/4-1/8	114
2	1 1/2-1/8	165
2 1/2	2-1/8	178
3	2 1/2-1/8	203
3 1/2	3-1/8	203
4	3 1/2-1/8	229

All Dimensions are in millimeters (mm)

Dimensions of Elbow Outlet & Swept Outlet on Request



MSS SP- 95 / BS 3799

TBE Threaded both end

PBE Plain both end

PLE/TSE Plain large end-Threaded small end

BLE/TSE Beveled large end - Threaded small end

BLE/PSE Beveled large end - Plain small end

TLE/PSE Threaded large end-Plain small end