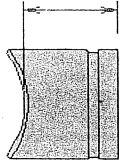
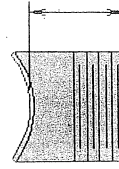


SHAPE NIPPLE



ROLL GROOVED



MALE THREAD

OUTLET SIZE	RUN PIPE SIZE	END TO TOP OF SADDLE
1	1" - 12"	3"
1-1/4	1-1/4" - 12"	3"
1-1/2	1-1/2" - 12"	3"
2	2" - 12"	3"
2-1/2	2-1/2" - 12"	3"
3	3" - 12"	3"
4	4" - 12"	4"
5	5" - 12"	4"
6	6" - 12"	4"
8	8" - 12"	4"
10	10" - 12"	6"
12	12"	6"

SHAPE NIPPLES AVAILABLE IN SCH 10 AND SCH 40
SPECIAL LENGTHS AVAILABLE UPON REQUEST