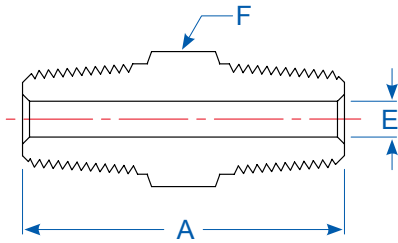
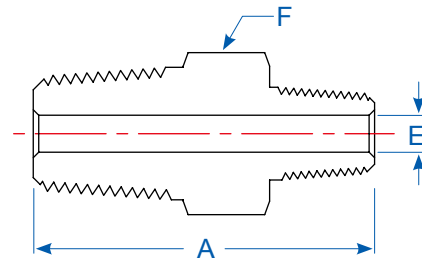


HEX NIPPLE



HEX REDUCING NIPPLE



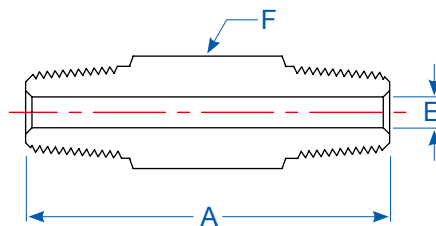
Male NPT Threads

PIPE THREAD	PART NO.	Dimensions (inch)		
		A	E	F
1/8	HN2	1.01	0.19	7/16
1/4	HN4	1.40	0.28	9/16
3/8	HN6	1.43	0.38	11/16
1/2	HN8	1.84	0.47	7/8
3/4	HN12	1.84	0.62	1-1/16
1	HN16	2.32	0.88	1-3/8

Male NPT Threads

PIPE THREAD	MALE THREAD	PART NO.	Dimensions (inch)		
			A	E	F
1/4	1/8	HRN4-2	1.22	0.19	9/16
3/8	1/8	HRN6-2	1.25	0.19	11/16
3/8	1/4	HRN6-4	1.43	0.28	11/16
1/2	1/8	HRN8-2	1.47	0.19	7/8
1/2	1/4	HRN8-4	1.65	0.28	7/8
1/2	3/8	HRN8-6	1.65	0.38	7/8
3/4	1/4	HRN12-4	1.65	0.28	1-1/16
3/4	1/2	HRN12-8	1.84	0.47	1-1/16
1	1/2	HRN16-8	2.13	0.47	1-3/8
1	3/4	HRN16-12	2.13	0.62	1-3/8

HEX LONG NIPPLE



Male NPT Threads

PIPE THREAD	PART NO.	Available Lengths, inch					Dimensions (inch)	
		A					E	F
		1.50	2.00	2.50	3.00	4.00		
1/8	HLN2	V	V	V	V	—	0.19	7/16
1/4	HLN4	V	V	V	V	V	0.28	9/16
3/8	HLN6	V	V	V	V	V	0.38	11/16
1/2	HLN8	—	V	—	V	V	0.47	7/8
3/4	HLN12	—	V	—	V	V	0.62	1-1/16
1	HLN16	—	—	—	V	V	0.88	1-3/8

Dimensions for reference only, subject to change