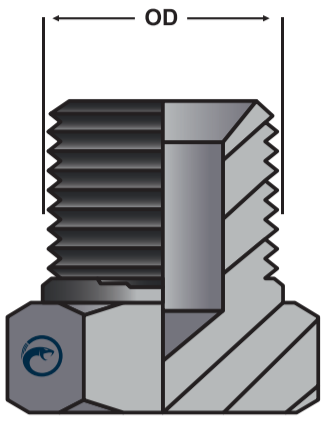
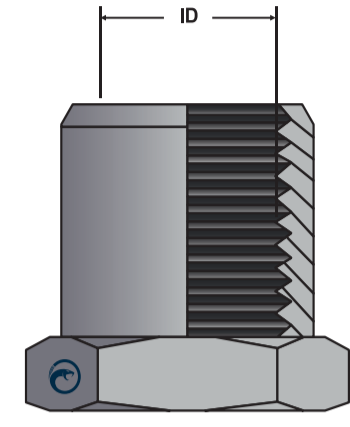
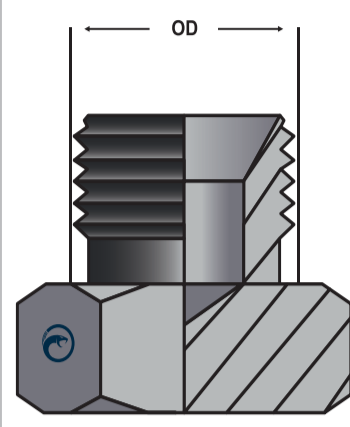
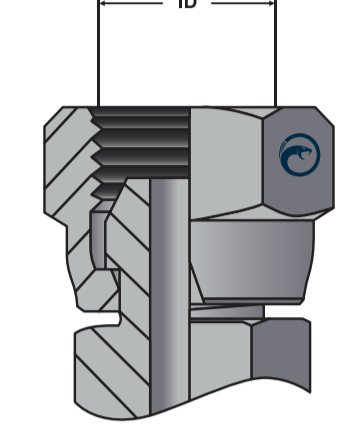
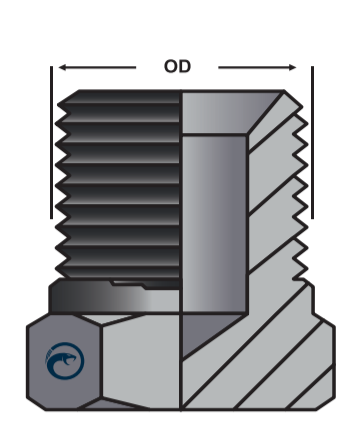
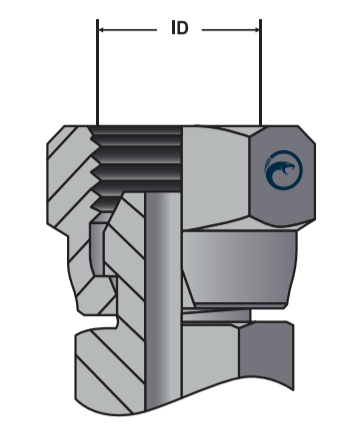
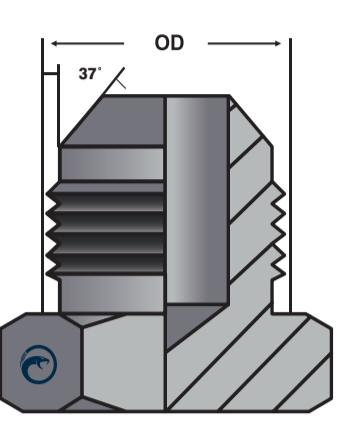
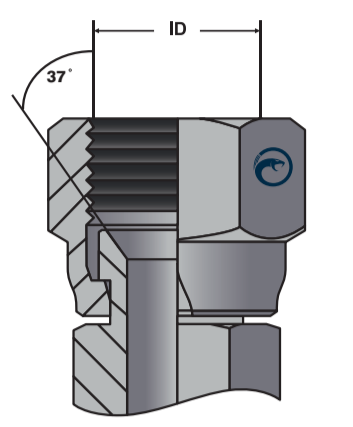
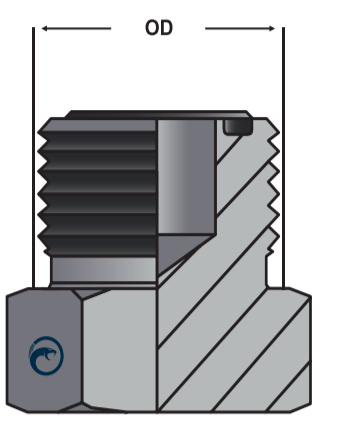
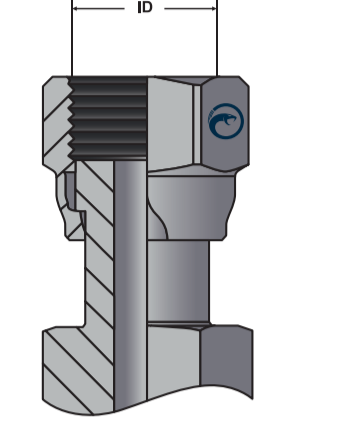
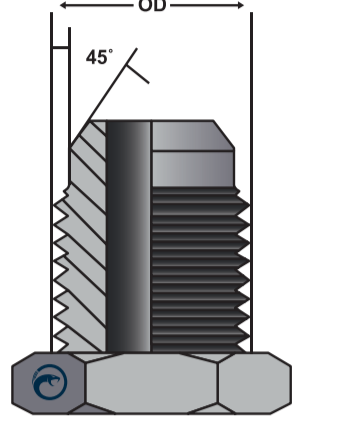
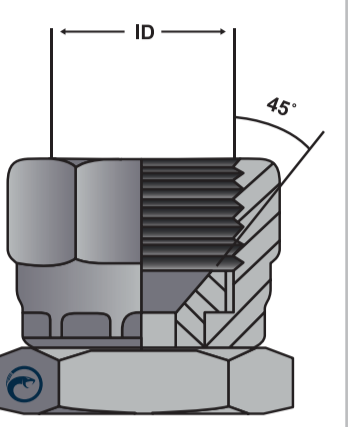
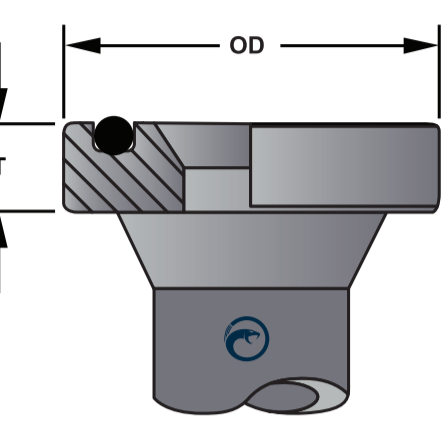
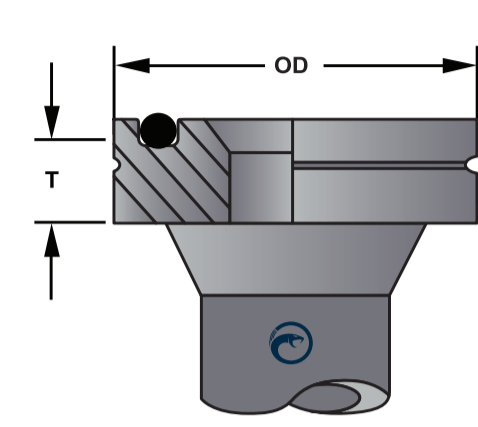


# THREAD IDENTIFICATION CHART

THREAD/ FLANGE SIZE	BSPT 60° CONE		BSPP ISO 8434-6		NPT NPSM- 60° CONE		JIC & UNO (UNF THREAD) SAE J514, ISO 8434-2 (UNF THREAD)		ORFS (UNF) ISO 8434-3		SAE 45 FLARE SAE J514		SAE CODE 61 SAE J518		SAE CODE 62 SAE J518	
																
	MALE OD (TPI) ISO 7-1	FEMALE ID (TPI)	MALE OD (TPI)	FEMALE ID (TPI)	MALE OD (TPI) ANSI B 1.20.3	FEMALE ID (TPI)	MALE OD (TPI)	FEMALE ID (TPI)	MALE OD (TPI)	FEMALE ID (TPI)	MALE OD (TPI)	FEMALE ID (TPI)	OD	THICK- NESS	OD	THICK- NESS
1/8	9.5 (28)	8.4 (28)	9.6 (28)	8.6 (28)	9.9 (27)	8.7 (27)										
1/4	12.8 (19)	11.2 (19)	13.0 (19)	11.9 (19)	13.2 (18)	11.2 (18)										
5/16							7.9 (24)	6.9 (24)			7.9 (24)	6.8 (24)				
3/8	16.3 (19)	14.7 (19)	16.5 (19)	15.2 (19)	16.6 (18)	14.7 (18)	9.5 (24)	8.5 (24)			9.5 (24)	8.4 (24)				
7/16							11.1 (20)	9.9 (20)			11.1 (20)	9.9 (20)				
1/2	20.4 (14)	18.3 (14)	20.8 (14)	19.1 (14)	20.6 (14)	17.8 (14)	12.7 (20)	11.4 (20)			12.7 (20)	11.4 (20)	30.2	6.73	31.7	7.75
9/16							14.3 (18)	13.0 (18)	14.3 (18)	12.9 (18)						
5/8	22.5 (14)	20.6 (14)	22.8 (14)	20.8 (14)							15.9 (18)	14.2 (18)	34.0	6.73		
11/16									17.3 (16)	16.0 (16)						
3/4	25.9 (14)	23.9 (14)	26.3 (14)	24.6 (14)	26.0 (14)	23.4 (14)	19.1 (16)	17.5 (16)			19.1 (16)	17.5 (16)	38.1	6.73	41.3	8.76
13/16									20.6 (16)	19.1 (16)						
7/8							22.2 (14)	20.3 (14)			22.2 (14)	20.6 (14)				
1	32.6 (11)	29.7 (11)	33.1 (11)	30.7 (11)	32.5 (11.5)	29.5 (11.5)			25.4 (14)	23.6 (14)			44.5	8.00	47.6	9.53
1.1/16							27.0 (12)	24.9 (12)			27.0 (14)	24.9 (14)				
1.3/16							30.2 (12)	28.2 (12)	30.0 (12)	28.2 (12)						
1.1/4	41.1 (11)	38.6 (11)	41.8 (11)	39.4 (11)	41.2 (11.5)	38.1 (11.5)							50.8	8.00	54.0	10.29
1.5/16							33.3 (12)	31.2 (12)								
1.7/16									36.3 (12)	34.3 (12)						
1.1/2	47.0 (11)	44.5 (11)	47.7 (11)	45.5 (11)	47.3 (11.5)	43.9 (11.5)							60.3	8.00	63.5	12.57
1.5/8							41.3 (12)	39.1 (12)								
1.11/16									42.7 (12)	40.6 (12)						
1.7/8							47.6 (12)	45.5 (12)								
2	58.6 (11)	56.4 (11)	59.5 (11)	57.4 (11)	59.3 (11.5)	56.4 (11.5)			51.8 (12)	48.8 (12)			71.4	9.53	79.4	12.57
2.1/2	74.1 (11)	71.9 (11)	75.1 (11)	72.6 (11)	71.5 (8)	69.1 (8)	63.5 (12)	61.5 (12)					84.1	9.53		
3	86.6 (11)	84.6 (11)	87.9 (11)	85.4 (11)	87.3 (8)	84.8 (8)							101.6	9.53		