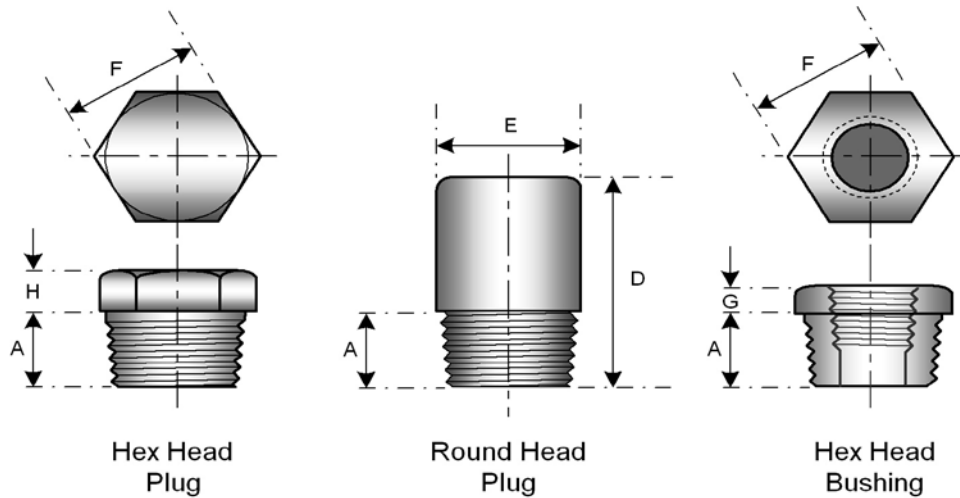


## Dimensions of Plugs and Bushings- ASME B16.11



Nominal Pipe Size NPS	Length (Minimum) A	Hex Plugs and Bushings <sup>(1)</sup>			Round Head Plugs	
		Width of Flats (Nominal) F	Hex Head Height (Min.)		Head Diameter (Nominal) E	Overall Length (Min.) D
			Bushing G	Plug H		
1/8	0.38	0.44	...	0.25	0.41	1.38
1/4	0.44	0.62	0.12	0.25	0.53	1.62
3/8	0.50	0.69	0.16	0.31	0.69	1.62
1/2	0.56	0.88	0.19	0.31	0.84	1.75
3/4	0.62	1.06	0.22	0.38	1.06	1.75
1	0.75	1.38	0.25	0.38	1.31	2.00
1 1/4	0.81	1.75	0.28	0.56	1.69	2.00
1 1/2	0.81	2.00	0.31	0.62	1.91	2.00
2	0.88	2.50	0.34	0.69	2.38	2.50
2 1/2	1.06	3.00	0.38	0.75	2.88	2.75
3	1.12	3.50	0.41	0.81	3.50	2.75
4	1.25	4.62	0.50	1.00	4.50	3.00

All dimensions are given in inches.

Notes:

(1) ASME B16.11 provides the following cautionary note:

Hex Bushings of one-size reduction should not be used in services wherein they might be subject to harmful loads and forces other than internal pressures.