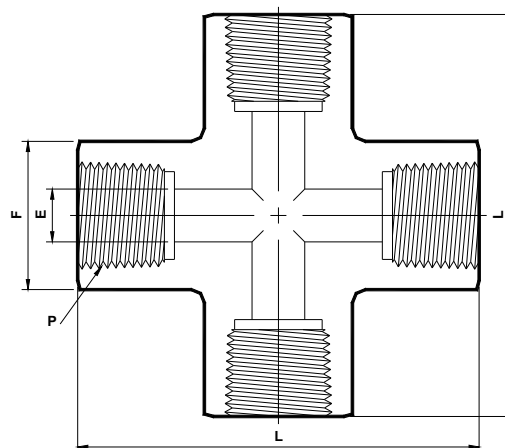


30. Female Cross

NPT (F) x 4 Sides
(N - PFC)



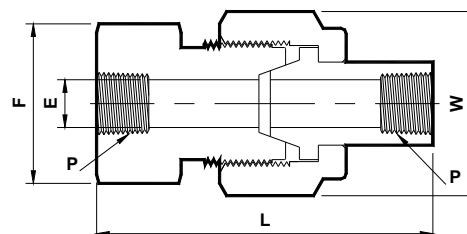
Sr. No.	NPT ② Female Pipe Size P	Ref Part No.	L	ØE ①	Hex F
Dimensions in Inches					
1	1/16 x 27	1N PFC	1.00	0.25	7/16
2	1/8 x 27	2N PFC	2.08	0.34	9/16
3	1/4 x 18	4N PFC	2.34	0.45	3/4
4	3/8 x 18	6N PFC	2.84	0.59	7/8
5	1/2 x 14	8N PFC	3.12	0.73	1.1/16
6	3/4 x 14	12N PFC	3.84	0.94	1.1/4
7	1 x 11.5	16N PFC	3.82	1.17	1.5/8

NOTE : ① The 'E' Dimension is the minimum opening.

② NPT thread as per ANSI B 1.20.1.

31. Union Ball Joint

NPT (F) x NPT (F)
(N - PUBJ)



Sr. No.	NPT ② Female Pipe Size P	Ref Part No.	L	ØE ①	Hex F	Hex W
Dimensions in Inches						
1	1/8 x 27	2N PUBJ	1.81	0.27	1.1/8	15/16
2	1/4 x 18	4N PUBJ	2.34	0.36	1.3/8	1.3/16
3	3/8 x 18	6N PUBJ	2.50	0.52	1.1/2	1.5/16
4	1/2 x 14	8N PUBJ	2.69	0.62	1.3/4	1.5/8
5	3/4 x 14	12N PUBJ	3.12	0.88	2	1.7/8
6	1 x 11.5	16N PUBJ	3.56	1.03	2.1/2	2.3/8

NOTE : ① The 'E' Dimension is the minimum opening.

② NPT thread as per ANSI B 1.20.1.