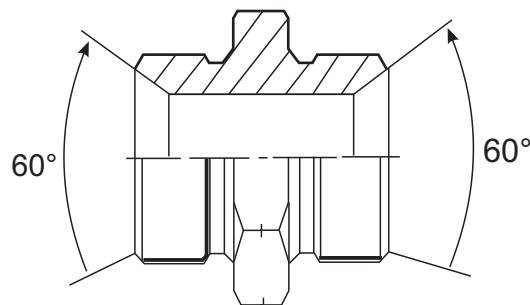


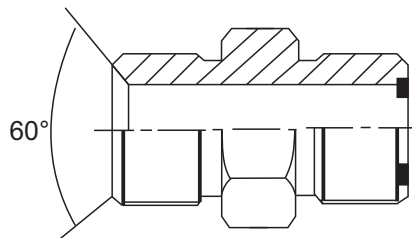
BSP MALE - BSP MALE ADAPTORS

ITEMS	DESCRIPTION	BSP THREAD	BSP THREAD
AD01-02	1/8 BSP MALE - 1/8 BSP MALE	1/8 BSP	1/8 BSP
AD01-0204	1/8 BSP MALE - 1/4 BSP MALE	1/8 BSP	1/4 BSP
AD01-0206	1/8 BSP MALE - 3/8 BSP MALE	1/8 BSP	3/8 BSP
AD01-0208	1/8 BSP MALE - 1/2 BSP MALE	1/8 BSP	1/2 BSP
AD01-04	1/4 BSP MALE - 1/4 BSP MALE	1/4 BSP	1/4 BSP
AD01-0406	1/4 BSP MALE - 3/8 BSP MALE	1/4 BSP	3/8 BSP
AD01-0408	1/4 BSP MALE - 1/2 BSP MALE	1/4 BSP	1/2 BSP
AD01-06	3/8 BSP MALE - 3/8 BSP MALE	3/8 BSP	3/8 BSP
AD01-0608	3/8 BSP MALE - 1/2 BSP MALE	3/8 BSP	1/2 BSP
AD01-0612	3/8 BSP MALE - 3/4 BSP MALE	3/8 BSP	3/4 BSP
AD01-08	1/2 BSP MALE - 1/2 BSP MALE	1/2 BSP	1/2 BSP
AD01-0810	1/2 BSP MALE - 5/8 BSP MALE	1/2 BSP	5/8 BSP
AD01-0812	1/2 BSP MALE - 3/4 BSP MALE	1/2 BSP	3/4 BSP
AD01-0816	1/2 BSP MALE - 1" BSP MALE	1/2 BSP	1" BSP
AD01-0808DW	1/2 BSP MALE - 1/2 BSP MALE + DW	1/2 BSP	1/2 BSP
AD01-10	5/8 BSP MALE - 5/8 BSP MALE	5/8 BSP	5/8 BSP
AD01-1012	5/8 BSP MALE - 3/4 BSP MALE	5/8 BSP	3/4 BSP
AD01-12	3/4 BSP MALE - 3/4 BSP MALE	3/4 BSP	3/4 BSP
AD01-1216	3/4 BSP MALE - 1" BSP MALE	3/4 BSP	1" BSP
AD01-1220	3/4 BSP MALE - 1 1/4 BSP MALE	3/4 BSP	1 1/4 BSP
AD01-16	1" BSP MALE - 1" BSP MALE	1" BSP	1" BSP
AD01-1620	1" BSP MALE - 1 1/4 BSP MALE	1" BSP	1 1/4 BSP
AD01-1624	1" BSP MALE - 1 1/2 BSP MALE	1" BSP	1 1/2 BSP
AD01-20	1 1/4 BSP MALE - 1 1/4 BSP MALE	1 1/4 BSP	1 1/4 BSP
AD01-2024	1 1/4 BSP MALE - 1 1/2 BSP MALE	1 1/4 BSP	1 1/2 BSP
AD01-24	1 1/2 BSP MALE - 1 1/2 BSP MALE	1 1/2 BSP	1 1/2 BSP
AD01-2432	1 1/2 BSP MALE - 2" BSP MALE	1 1/2 BSP	2" BSP
AD01-32	2" BSP MALE - 2" BSP MALE	2" BSP	2" BSP



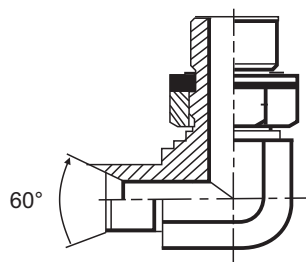
BSP MALE - ORFS MALE ADAPTOR

ITEMS	DESCRIPTION	BSP THREAD	ORFS THREAD
AD02-0206	1/8 BSP MALE - 11/16 ORFS MALE	1/8 BSP	11/16-16
AD02-0404	1/4 BSP MALE - 9/16 ORFS MALE	1/4 BSP	9/16-18
AD02-0406	1/4 BSP MALE - 11/16 ORFS MALE	1/4 BSP	11/16-16
AD02-0408	1/4 BSP MALE - 13/16 ORFS MALE	1/4 BSP	13/16-16
AD02-0604	3/8 BSP MALE - 9/16 ORFS MALE	3/8 BSP	9/16-18
AD02-0606	3/8 BSP MALE - 11/16 ORFS MALE	3/8 BSP	11/16-16
AD02-0608	3/8 BSP MALE - 13/16 ORFS MALE	3/8 BSP	13/16-16
AD02-0804	1/2 BSP MALE - 9/16 ORFS MALE	1/2 BSP	9/16-18
AD02-0806	1/2 BSP MALE - 11/16 ORFS MALE	1/2 BSP	11/16-16
AD02-0808	1/2 BSP MALE - 13/16 ORFS MALE	1/2 BSP	13/16-16
AD02-0810	1/2 BSP MALE - 1" ORFS MALE	1/2 BSP	1-14
AD02-0812	1/2 BSP MALE - 1 3/16 ORFS MALE	1/2 BSP	1 3/16-12
AD02-1208	3/4 BSP MALE - 13/16 ORFS MALE	3/4 BSP	13/16-16
AD02-1210	3/4 BSP MALE - 1" ORFS MALE	3/4 BSP	1-14
AD02-1212	3/4 BSP MALE - 1 3/16 ORFS MALE	3/4 BSP	1 3/16-12
AD02-1216	3/4 BSP MALE - 1 7/16 ORFS MALE	3/4 BSP	1 7/16-12
AD02-1612	1" BSP MALE - 1 3/16 ORFS MALE	1" BSP	1 3/16-12
AD02-1616	1" BSP MALE - 1 7/16 ORFS MALE	1" BSP	1 7/16-12
AD02-1620	1" BSP MALE - 1 11/16 ORFS MALE	1" BSP	1 11/16-12
AD02-2016	1 1/4 BSP MALE - 1 7/16 ORFS MALE	1 1/4 BSP	1 7/16-12
AD02-2020	1 1/4 BSP MALE - 1 11/16 ORFS MALE	1 1/4 BSP	1 11/16-12



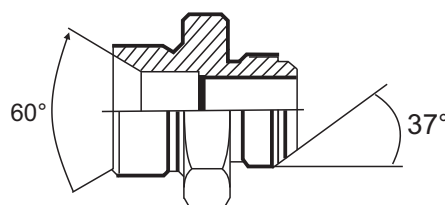
BSP MALE - BSP MALE 90°

ITEMS	DESCRIPTION	BSP THREAD	BSP THREAD
AD03-04	1/4 BSP MALE - 1/4 BSP MALE 90°	1/4 BSP	1/4 BSP
AD03-06	3/8 BSP MALE - 3/8 BSP MALE 90°	3/8 BSP	3/8 BSP
AD03-08	1/2 BSP MALE - 1/2 BSP MALE 90°	1/2 BSP	1/2 BSP
AD03-12	3/4 BSP MALE - 3/4 BSP MALE 90°	3/4 BSP	3/4 BSP
AD03-16	1" BSP MALE - 1" BSP MALE 90°	1" BSP	1" BSP



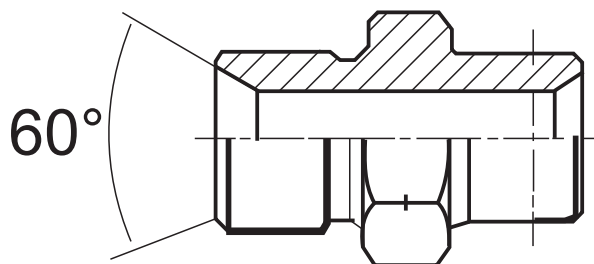
BSP MALE - JIC MALE ADAPTOR

ITEMS	DESCRIPTION	BSP THREAD	JIC THREAD
AD04-0204	1/8 BSP MALE - 7/16 JIC MALE	1/8 BSP	7/16-20
AD04-0206	1/8 BSP MALE - 9/16 JIC MALE	1/8 BSP	9/16-18
AD04-0404	1/4 BSP MALE - 7/16 JIC MALE	1/4 BSP	7/16-20
AD04-0406	1/4 BSP MALE - 9/16 JIC MALE	1/4 BSP	9/16-18
AD04-0408	1/4 BSP MALE - 3/4 JIC MALE	1/4 BSP	3/4-16
AD04-0604	3/8 BSP MALE - 7/16 JIC MALE	3/8 BSP	7/16-20
AD04-0606	3/8 BSP MALE - 9/16 JIC MALE	3/8 BSP	9/16-18
AD04-0608	3/8 BSP MALE - 3/4 JIC MALE	3/8 BSP	3/4-16
AD04-0610	3/8 BSP MALE - 7/8 JIC MALE	3/8 BSP	7/8-14
AD04-0612	3/8 BSP MALE - 1 1/16 JIC MALE	3/8 BSP	1 1/16-12
AD04-0804	1/2 BSP MALE - 7/16 JIC MALE	1/2 BSP	7/16-20
AD04-0806	1/2 BSP MALE - 9/16 JIC MALE	1/2 BSP	9/16-18
AD04-0808	1/2 BSP MALE - 3/4 JIC MALE	1/2 BSP	3/4-16
AD04-0810	1/2 BSP MALE - 7/8 JIC MALE	1/2 BSP	7/8-14
AD04-0812	1/2 BSP MALE - 1 1/16 JIC MALE	1/2 BSP	1 1/16-12
AD04-0816	1/2 BSP MALE - 1 5/16 JIC MALE	1/2 BSP	1 5/16-12
AD04-1008	5/8 BSP MALE - 3/4 JIC MALE	5/8 BSP	3/4-16
AD04-1010	5/8 BSP MALE - 7/8 JIC MALE	5/8 BSP	7/8-14
AD04-1012	5/8 BSP MALE - 1 1/16 JIC MALE	5/8 BSP	1 1/16-12
AD04-1206	3/4 BSP MALE - 9/16 JIC MALE	3/4 BSP	9/16-18
AD04-1208	3/4 BSP MALE - 3/4 JIC MALE	3/4 BSP	3/4-16
AD04-1210	3/4 BSP MALE - 7/8 JIC MALE	3/4 BSP	7/8-14
AD04-1212	3/4 BSP MALE - 1 1/16 JIC MALE	3/4 BSP	1 1/16-12
AD04-1216	3/4 BSP MALE - 1 5/16 JIC MALE	3/4 BSP	1 5/16-12
AD04-1220	3/4 BSP MALE - 1 5/8 JIC MALE	3/4 BSP	1 5/8-12
AD04-1608	1" BSP MALE - 3/4 JIC MALE	1" BSP	3/4-16
AD04-1612	1" BSP MALE - 1 1/16 JIC MALE	1" BSP	1 1/16-12
AD04-1616	1" BSP MALE - 1 5/16 JIC MALE	1" BSP	1 5/16-12
AD04-1620	1" BSP MALE - 1 5/8 JIC MALE	1" BSP	1 5/8-12
AD04-1624	1" BSP MALE - 1 7/8 JIC MALE	1" BSP	1 7/8-12
AD04-2012	1 1/4 BSP MALE - 1 1/16 JIC MALE	1 1/4 BSP	1 1/16-12
AD04-2016	1 1/4 BSP MALE - 1 5/16 JIC MALE	1 1/4 BSP	1 5/16-12
AD04-2020	1 1/4 BSP MALE - 1 5/8 JIC MALE	1 1/4 BSP	1 5/8-12
AD04-2024	1 1/4 BSP MALE - 1 7/8 JIC MALE	1 1/4 BSP	1 7/8-12
AD04-2416	1 1/2 BSP MALE - 1 5/16 JIC MALE	1 1/2 BSP	1 5/16-12
AD04-2420	1 1/2 BSP MALE - 1 5/8 JIC MALE	1 1/2 BSP	1 5/8-12
AD04-2424	1 1/2 BSP MALE - 1 7/8 JIC MALE	1 1/2 BSP	1 7/8-12
AD04-3232	2" BSP MALE - 2 1/2 JIC MALE	2" BSP	2 1/2-12



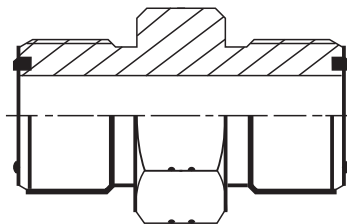
BSP MALE - BSPT MALE ADAPTOR

ITEMS	DESCRIPTION	BSP THREAD	BSPT THREAD
AD05-02	1/8 BSP MALE - 1/8 BSPT MALE	1/8 BSP	1/8 BSPT
AD05-0204	1/8 BSP MALE - 1/4 BSPT MALE	1/8 BSP	1/4 BSPT
AD05-0402	1/4 BSP MALE - 1/8 BSPT MALE	1/4 BSP	1/8 BSPT
AD05-04	1/4 BSP MALE - 1/4 BSPT MALE	1/4 BSP	1/4 BSPT
AD05-0406	1/4 BSP MALE - 3/8 BSPT MALE	1/4 BSP	3/8 BSPT
AD05-0408	1/4 BSP MALE - 1/2 BSPT MALE	1/4 BSP	1/2 BSPT
AD05-0602	3/8 BSP MALE - 1/8 BSPT MALE	3/8 BSP	1/8 BSPT
AD05-0604	3/8 BSP MALE - 1/4 BSPT MALE	3/8 BSP	1/4 BSPT
AD05-06	3/8 BSP MALE - 3/8 BSPT MALE	3/8 BSP	3/8 BSPT
AD05-0608	3/8 BSP MALE - 1/2 BSPT MALE	3/8 BSP	1/2 BSPT
AD05-0612	3/8 BSP MALE - 3/4 BSPT MALE	3/8 BSP	3/4 BSPT
AD05-0804	1/2 BSP MALE - 1/4 BSPT MALE	1/2 BSP	1/4 BSPT
AD05-0806	1/2 BSP MALE - 3/8 BSPT MALE	1/2 BSP	3/8 BSPT
AD05-08	1/2 BSP MALE - 1/2 BSPT MALE	1/2 BSP	1/2 BSPT
AD05-0812	1/2 BSP MALE - 3/4 BSPT MALE	1/2 BSP	3/4 BSPT
AD05-1008	5/8 BSP MALE - 1/2 BSPT MALE	5/8 BSP	1/2 BSPT
AD05-1206	3/4 BSP MALE - 3/8 BSPT MALE	3/4 BSP	3/8 BSPT
AD05-1208	3/4 BSP MALE - 1/2 BSPT MALE	3/4 BSP	1/2 BSPT
AD05-12	3/4 BSP MALE - 3/4 BSPT MALE	3/4 BSP	3/4 BSPT
AD05-1216	3/4 BSP MALE - 1" BSPT MALE	3/4 BSP	1" BSPT
AD05-1612	1" BSP MALE - 3/4 BSPT MALE	1" BSP	3/4 BSPT
AD05-16	1" BSP MALE - 1" BSPT MALE	1" BSP	1" BSPT
AD05-1620	1" BSP MALE - 1 1/4 BSPT MALE	1" BSP	1 1/4 BSPT
AD05-2016	1 1/4 BSP MALE - 1" BSPT MALE	1 1/4 BSP	1" BSPT
AD05-20	1 1/4 BSP MALE - 1 1/4 BSPT MALE	1 1/4 BSP	1 1/4 BSPT
AD05-2024	1 1/4 BSP MALE - 1 1/2 BSPT MALE	1 1/4 BSP	1 1/2 BSPT
AD05-2420	1 1/2 BSP MALE - 1 1/4 BSPT MALE	1 1/2 BSP	1 1/4 BSPT
AD05-24	1 1/2 BSP MALE - 1 1/2 BSPT MALE	1 1/2 BSP	1 1/2 BSPT
AD05-32	2" BSP MALE - 2" BSPT MALE	2" BSP	2" BSPT



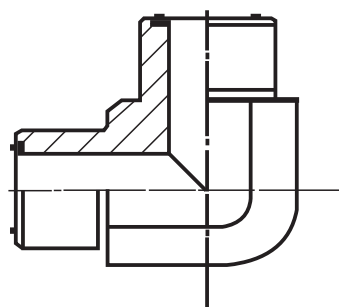
ORFS MALE - ORFS MALE ADAPTOR

ITEMS	DESCRIPTION	ORFS THREAD	ORFS THREAD
AD06-04	9/16 ORFS MALE - 9/16 ORFS MALE	9/16-18	9/16-18
AD06-0406	9/16 ORFS MALE - 11/16 ORFS MALE	9/16-18	11/16-16
AD06-0408	9/16 ORFS MALE - 13/16 ORFS MALE	9/16-18	13/16-16
AD06-06	11/16 ORFS MALE - 11/16 ORFS MALE	11/16-16	11/16-16
AD06-0608	11/16 ORFS MALE - 13/16 ORFS MALE	11/16-16	13/16-16
AD06-08	13/16 ORFS MALE - 13/16 ORFS MALE	13/16-16	13/16-16
AD06-0810	13/16 ORFS MALE - 1" ORFS MALE	13/16-16	1-14
AD06-10	1" ORFS MALE - 1" ORFS MALE	1-14	1-14
AD06-1012	1" ORFS MALE - 1 3/16 ORFS MALE	1-14	1 3/16-12
AD06-12	1 3/16 ORFS MALE - 1 3/16 ORFS MALE	1 3/16-12	1 3/16-12
AD06-1216	1 3/16 ORFS MALE - 1 7/16 ORFS MALE	1 3/16-12	1 7/16-12
AD06-16	1 7/16 ORFS MALE - 1 7/16 ORFS MALE	1 7/16-12	1 7/16-12
AD06-1620	1 7/16 ORFS MALE - 1 11/16 ORFS MALE	1 7/16-12	1 11/16-12
AD06-20	1 11/16 ORFS MALE - 1 11/16 ORFS MALE	1 11/16-12	1 11/16-12
AD06-24	2" ORFS MALE - 2" ORFS MALE	2-12	2-12



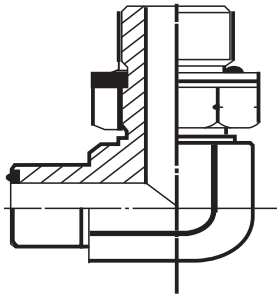
ORFS MALE - ORFS MALE 90° ADAPTOR

ITEMS	DESCRIPTION	ORFS THREAD	ORFS THREAD
AD07-04	9/16 ORFS MALE - 9/16 ORFS MALE 90°	9/16-18	9/16-18
AD07-06	11/16 ORFS MALE - 11/16 ORFS MALE 90°	11/16-16	11/16-16
AD07-08	13/16 ORFS MALE - 13/16 ORFS MALE 90°	13/16-16	13/16-16
AD07-10	1" ORFS MALE - 1" ORFS MALE 90°	1-14	1-14
AD07-12	1 3/16 ORFS MALE - 1 3/16 ORFS MALE 90°	1 3/16-12	1 3/16-12
AD07-16	1 7/16 ORFS MALE - 1 7/16 ORFS MALE 90°	1 7/16-12	1 7/16-12
AD07-20	1 11/16 ORFS MALE - 1 11/16 ORFS MALE 90° 90°	1 11/16-12	1 11/16-12
AD07-24	2" ORFS MALE - 2-12 ORFS MALE 90°	2-12	2-12



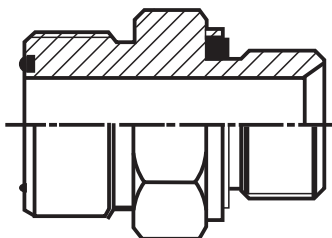
ORFS MALE - BSP MALE 90° ADAPTOR

ITEMS	DESCRIPTION	ORFS THREAD	BSP THREAD
AD08-0404	9/16 ORFS MALE - 1/4 BSP MALE 90°	9/16-18	1/4 BSP
AD08-0406	9/16 ORFS MALE - 3/8 BSP MALE 90°	9/16-18	3/8 BSP
AD08-0604	11/16 ORFS MALE - 1/4 BSP MALE 90°	11/16-16	1/4 BSP
AD08-0606	11/16 ORFS MALE - 3/8 BSP MALE 90°	11/16-16	3/8 BSP
AD08-0608	11/16 ORFS MALE - 1/2 BSP MALE 90°	11/16-16	1/2 BSP
AD08-0806	13/16 ORFS MALE - 3/8 BSP MALE 90°	13/16-16	3/8 BSP
AD08-0808	13/16 ORFS MALE - 1/2 BSP MALE 90°	13/16-16	1/2 BSP
AD08-1008	1" ORFS MALE - 1/2 BSP MALE 90°	1-14	1/2 BSP
AD08-1012	1" ORFS MALE - 3/4 BSP MALE 90°	1-14	3/4 BSP
AD08-1208	1 3/16 ORFS MALE - 1/2 BSP MALE 90°	1 3/16-12	1/2 BSP
AD08-1212	1 3/16 ORFS MALE - 3/4 BSP MALE 90°	1 3/16-12	3/4 BSP
AD08-1216	1 3/16 ORFS MALE - 1" BSP MALE 90°	1 3/16-12	1" BSP
AD08-1616	1 7/16 ORFS MALE - 1" BSP MALE 90°	1 7/16-12	1" BSP
AD08-1620	1 7/16 ORFS MALE - 1 1/4 BSP MALE 90°	1 7/16-12	1 1/4 BSP
AD08-2020	1 11/16 ORFS MALE - 1 1/4 BSP MALE 90°	1 11/16-12	1/4 BSP
AD08-2016	1 11/16 ORFS MALE - 1" BSP MALE 90°	1 11/16-12	1" BSP



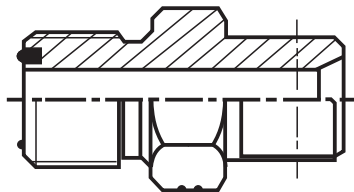
ORFS MALE - METRIC MALE ADAPTOR

ITEMS	DESCRIPTION	ORFS THREAD	METRIC THREAD
AD09-0616	11/16 ORFS MALE - M16X1.5 MALE	11/16-16	M16X1.5
AD09-0618	11/16 ORFS MALE - M18X1.5 MALE	11/16-16	M18X1.5
AD09-0822	13/16 ORFS MALE - M22X1.5 MALE	13/16-16	M22X1.5
AD09-1022	1" ORFS MALE - M22X1.5 MALE	1-14	M22X1.5



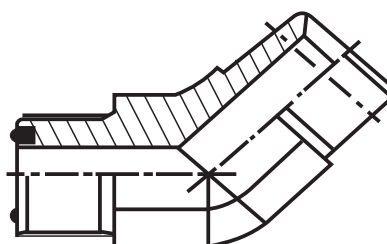
ORFS MALE - NPT MALE ADAPTOR

ITEMS	DESCRIPTION	ORFS THREAD	NPT THREAD
AD10-0402	9/16 ORFS MALE - 1/8 NPT MALE	9/16-18	1/8 NPT
AD10-0404	9/16 ORFS MALE - 1/4 NPT MALE	9/16-18	1/4 NPT
AD10-0406	9/16 ORFS MALE - 3/8 NPT MALE	9/16-18	3/8 NPT
AD10-0408	9/16 ORFS MALE - 1/2 NPT MALE	9/16-18	1/2 NPT
AD10-0604	11/16 ORFS MALE - 1/4 NPT MALE	11/16-16	1/4 NPT
AD10-0606	11/16 ORFS MALE - 3/8 NPT MALE	11/16-16	3/8 NPT
AD10-0608	11/16 ORFS MALE - 1/2 NPT MALE	11/16-16	1/2 NPT
AD10-0804	13/16 ORFS MALE - 1/4 NPT MALE	13/16-16	1/4 NPT
AD10-0806	13/16 ORFS MALE - 3/8 NPT MALE	13/16-16	3/8 NPT
AD10-0808	13/16 ORFS MALE - 1/2 NPT MALE	13/16-16	1/2 NPT
AD10-0812	13/16 ORFS MALE - 3/4 NPT MALE	13/16-16	3/4 NPT
AD10-1008	1" ORFS MALE - 1/2 NPT MALE	1-14	1/2 NPT
AD10-1012	1" ORFS MALE - 3/4 NPT MALE	1-14	3/4 NPT
AD10-1208	1 3/16 ORFS MALE - 1/2 NPT MALE	1 3/16-12	1/2 NPT
AD10-1212	1 3/16 ORFS MALE - 3/4 NPT MALE	1 3/16-12	3/4 NPT
AD10-1216	1 3/16 ORFS MALE - 1" NPT MALE	1 3/16-12	1" NPT
AD10-1612	1 7/16 ORFS MALE - 3/4 NPT MALE	1 7/16-12	3/4 NPT
AD10-1616	1 7/16 ORFS MALE - 1" NPT MALE	1 7/16-12	1" NPT
AD10-1620	1 7/16 ORFS MALE - 1 1/4 NPT MALE	1 7/16-12	1 1/4 NPT
AD10-2016	1 11/16 ORFS MALE - 1" NPT MALE	1 11/16-12	1" NPT
AD10-2020	1 11/16 ORFS MALE - 1 1/4 NPT MALE	1 11/16-12	1 1/4 NPT
AD10-2424	2" ORFS MALE - 1 1/2 NPT MALE	2-12	1 1/2 NPT



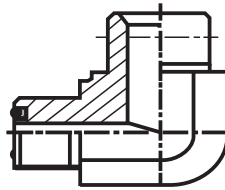
ORFS MALE - NPT MALE 45° ADAPTOR

ITEMS	DESCRIPTION	ORFS THREAD	NPT THREAD
AD11-0406	9/16 ORFS MALE - 3/8 NPT MALE 45°	9/16-18	3/8 NPT
AD11-0604	11/16 ORFS MALE - 1/4 NPT MALE 45°	11/16-16	1/4 NPT
AD11-0606	11/16 ORFS MALE - 3/8 NPT MALE 45°	11/16-16	3/8 NPT
AD11-0808	13/16 ORFS MALE - 1/2 NPT MALE 45°	13/16-16	1/2 NPT
AD11-1212	1 3/16 ORFS MALE - 3/4 NPT MALE 45°	1 3/16-12	3/4 NPT



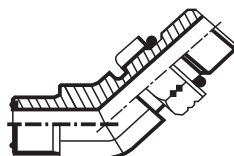
ORFS MALE - NPT MALE 90° ADAPTOR

ITEMS	DESCRIPTION	ORFS THREAD	NPT THREAD
AD12-0402	9/16 ORFS MALE - 1/8 NPT MALE 90°	9/16-18	1/8 NPT
AD12-0404	9/16 ORFS MALE - 1/4 NPT MALE 90°	9/16-18	1/4 NPT
AD12-0406	9/16 ORFS MALE - 3/8 NPT MALE 90°	9/16-18	3/8 NPT
AD12-0604	11/16 ORFS MALE - 1/4 NPT MALE 90°	11/16-16	1/4 NPT
AD12-0606	11/16 ORFS MALE - 3/8 NPT MALE 90°	11/16-16	3/8 NPT
AD12-0608	11/16 ORFS MALE - 1/2 NPT MALE 90°	11/16-16	1/2 NPT
AD12-0804	13/16 ORFS MALE - 1/4 NPT MALE 90°	13/16-16	1/4 NPT
AD12-0806	13/16 ORFS MALE - 3/8 NPT MALE 90°	13/16-16	3/8 NPT
AD12-0808	13/16 ORFS MALE - 1/2 NPT MALE 90°	13/16-16	1/2 NPT
AD12-0812	13/16 ORFS MALE - 3/4 NPT MALE 90°	13/16-16	3/4 NPT
AD12-1008	1" ORFS MALE - 1/2 NPT MALE 90°	1-14	1/2 NPT
AD12-1012	1" ORFS MALE - 3/4 NPT MALE 90°	1-14	3/4 NPT
AD12-1208	1 3/16 ORFS MALE - 1/2 NPT MALE 90°	1 3/16-12	1/2 NPT
AD12-1212	1 3/16 ORFS MALE - 3/4 NPT MALE 90°	1 3/16-12	3/4 NPT
AD12-1216	1 3/16 ORFS MALE - 1" NPT MALE 90°	1 3/16-12	1" NPT
AD12-1616	1 7/16 ORFS MALE - 1" NPT MALE 90°	1 7/16-12	1" NPT
AD12-2020	1 11/16 ORFS MALE - 1 1/4 NPT MALE 90°	1 11/16-12	1 1/4 NPT
AD12-2424	2" ORFS MALE - 1 1/2 NPT MALE 90°	2-12	1 1/2 NPT



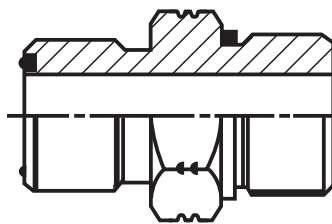
ORFS MALE - SAE MALE 45° ADAPTOR

ITEMS	DESCRIPTION	ORFS THREAD	SAE THREAD
AD13-0404	9/16 ORFS MALE - 7/16 SAE MALE 45°	9/16-18	7/16-20
AD13-0406	9/16 ORFS MALE - 9/16 SAE MALE 45°	9/16-18	9/16-18
AD13-0604	11/16 ORFS MALE - 7/16 SAE MALE 45°	11/16-16	7/16-20
AD13-0606	11/16 ORFS MALE - 9/16 SAE MALE 45°	11/16-16	9/16-18
AD13-0608	11/16 ORFS MALE - 3/4 SAE MALE 45°	11/16-16	3/4-16
AD13-0810	13/16 ORFS MALE - 7/8 SAE MALE 45°	13/16-16	7/8-14
AD13-0806	13/16 ORFS MALE - 9/16 SAE MALE 45°	13/16-16	9/16-18
AD13-0808	13/16 ORFS MALE - 3/4 SAE MALE 45°	13/16-16	3/4-16
AD13-1008	1" ORFS MALE - 3/4 SAE MALE 45°	1-14	3/4-16
AD13-1010	1" ORFS MALE - 7/8 SAE MALE 45°	1-14	7/8-14
AD13-1210	1 3/16 ORFS MALE - 7/8 SAE MALE 45°	1 3/16-12	7/8-14
AD13-1212	1 3/16 ORFS MALE - 1 1/16 SAE MALE 45°	1 3/16-12	1 1/16-12
AD13-1616	1 7/16 ORFS MALE - 1 5/16 SAE MALE 45°	1 7/16-12	1 5/16-12



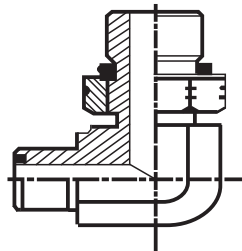
ORFS MALE - SAE MALE ADAPTOR

ITEMS	DESCRIPTION	ORFS THREAD	SAE THREAD
AD14-0404	9/16 ORFS MALE - 7/16 SAE MALE	9/16-18	7/16-20
AD14-0405	9/16 ORFS MALE - 1/2 SAE MALE	9/16-18	1/2-20
AD14-0406	9/16 ORFS MALE - 9/16 SAE MALE	9/16-18	9/16-18
AD14-0408	9/16 ORFS MALE - 3/4 SAE MALE	9/16-18	3/4-16
AD14-0604	11/16 ORFS MALE - 7/16 SAE MALE	11/16-16	7/16-20
AD14-0605	11/16 ORFS MALE - 1/2 SAE MALE	11/16-16	1/2-20
AD14-0606	11/16 ORFS MALE - 9/16 SAE MALE	11/16-16	9/16-18
AD14-0608	11/16 ORFS MALE - 3/4 SAE MALE	11/16-16	3/4-16
AD14-0610	11/16 ORFS MALE - 7/8 SAE MALE	11/16-16	7/8-14
AD14-0806	13/16 ORFS MALE - 9/16 SAE MALE	13/16-16	9/16-18
AD14-0808	13/16 ORFS MALE - 3/4 SAE MALE	13/16-16	3/4-16
AD14-0810	13/16 ORFS MALE - 7/8 SAE MALE	13/16-16	7/8-14
AD14-0812	13/16 ORFS MALE - 1 1/16 SAE MALE	13/16-16	1 1/16-12
AD14-1008	1" ORFS MALE - 3/4 SAE MALE	1-14	3/4-16
AD14-1010	1" ORFS MALE - 7/8 SAE MALE	1-14	7/8-14
AD14-1012	1" ORFS MALE - 1 1/16 SAE MALE	1-14	1 1/16-12
AD14-1208	1 3/16 ORFS MALE - 3/4 SAE MALE	1 3/16-12	3/4-16
AD14-1210	1 3/16 ORFS MALE - 7/8 SAE MALE	1 3/16-12	7/8-14
AD14-1212	1 3/16 ORFS MALE - 1 1/16 SAE MALE	1 3/16-12	1 1/16-12
AD14-1216	1 3/16 ORFS MALE - 1 5/16 SAE MALE	1 3/16-12	1 5/16-12
AD14-1612	1 7/16 ORFS MALE - 1 1/16 SAE MALE	1 7/16-12	1 1/16-12
AD14-1616	1 7/16 ORFS MALE - 1 5/16 SAE MALE	1 7/16-12	1 5/16-12
AD14-1620	1 7/16 ORFS MALE - 1 5/8 SAE MALE	1 7/16-12	1 5/8-12
AD14-2020	1 11/16 ORFS MALE - 1 5/8 SAE MALE	1 11/16-12	1 5/8-12



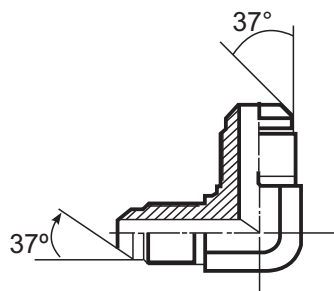
ORFS MALE - SAE MALE 90° ADAPTOR

ITEMS	DESCRIPTION	ORFS THREAD	SAE THREAD
AD15-0404	9/16 ORFS MALE - 7/16 SAE MALE 90°	9/16-18	7/16-20
AD15-0406	9/16 ORFS MALE - 9/16 SAE MALE 90°	9/16-18	9/16-18
AD15-0604	11/16 ORFS MALE - 7/16 SAE MALE 90°	11/16-16	7/16-20
AD15-0606	11/16 ORFS MALE - 9/16 SAE MALE 90°	11/16-16	9/16-18
AD15-0608	11/16 ORFS MALE - 3/4 SAE MALE 90°	11/16-16	3/4-16
AD15-0806	13/16 ORFS MALE - 9/16 SAE MALE 90°	13/16-16	9/16-18
AD15-0808	13/16 ORFS MALE - 3/4 SAE MALE 90°	13/16-16	3/4-16
AD15-0810	13/16 ORFS MALE - 7/8 SAE MALE 90°	13/16-16	7/8-14
AD15-0812	13/16 ORFS MALE - 1 1/16 SAE MALE 90°	13/16-16	1 1/16-12
AD15-1008	1" ORFS MALE - 3/4 SAE MALE 90°	1-14	3/4-16
AD15-1010	1" ORFS MALE - 7/8 SAE MALE 90°	1-14	7/8-14
AD15-1012	1" ORFS MALE - 1 1/16 SAE MALE 90°	1-14	1 1/16-12
AD15-1208	1 3/16 ORFS MALE - 3/4 SAE MALE 90°	1 3/16-12	3/4-16
AD15-1210	1 3/16 ORFS MALE - 7/8 SAE MALE 90°	1 3/16-12	7/8-14
AD15-1212	1 3/16 ORFS MALE - 1 1/16 SAE MALE 90°	1 3/16-12	1 1/16-12
AD15-1216	1 3/16 ORFS MALE - 1 5/16 SAE MALE 90°	1 3/16-12	1 5/16-12
AD15-1612	1 7/16 ORFS MALE - 1 1/16 SAE MALE 90°	1 7/16-12	1 1/16-12
AD15-1616	1 7/16 ORFS MALE - 1 5/16 SAE MALE 90°	1 7/16-12	1 5/16-12
AD15-2020	1 11/16 ORFS MALE - 1 5/8 SAE MALE 90°	1 11/16-12	1 5/8-12



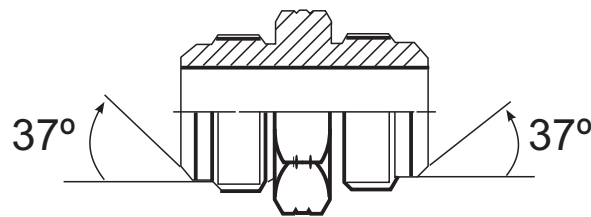
JIC MALE - JIC MALE 90° ADAPTOR

ITEMS	DESCRIPTION	JIC THREAD	JIC THREAD
AD16-04	7/16 JIC MALE - 7/16 JIC MALE 90°	7/16-20	7/16-20
AD16-05	1/2 JIC MALE - 1/2 JIC MALE 90°	1/2-20	1/2-20
AD16-06	9/16 JIC MALE - 9/16 JIC MALE 90°	9/16-18	9/16-18
AD16-08	3/4 JIC MALE - 3/4 JIC MALE 90°	3/4-16	3/4-16
AD16-10	7/8 JIC MALE - 7/8 JIC MALE 90°	7/8-14	7/8-14
AD16-12	1 1/16 JIC MALE - 1 1/16 JIC MALE 90°	1 1/16-12	1 1/16-12
AD16-16	1 5/16 JIC MALE - 1 5/16 JIC MALE 90°	1 5/16-12	1 5/16-12
AD16-20	1 5/8 JIC MALE - 1 5/8 JIC MALE 90°	1 5/8-12	1 5/8-12



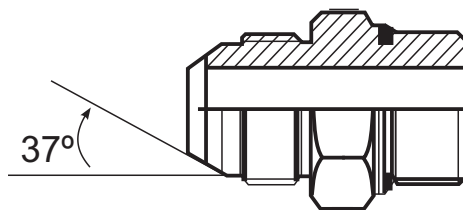
JIC MALE - JIC MALE ADAPTOR

ITEMS	DESCRIPTION	JIC THREAD	JIC THREAD	PRICE
AD17-04	7/16 JIC MALE - 7/16 JIC MALE	7/16-20	7/16-20	10.35
AD17-0405	7/16 JIC MALE - 1/2-20 JIC MALE	7/16-20	1/2-20	12.80
AD17-0406	7/16 JIC MALE - 9/16 JIC MALE	7/16-20	9/16-18	12.60
AD17-0408	7/16 JIC MALE - 3/4 JIC MALE	7/16-20	3/4-16	27.25
AD17-05	1/2- JIC MALE - 1/2 JIC MALE	1/2-20	1/2-20	13.65
AD17-06	9/16 JIC MALE - 9/16 JIC MALE	9/16-18	9/16-18	11.50
AD17-0608	9/16 JIC MALE - 3/4 JIC MALE	9/16-18	3/4-16	22.20
AD17-08	3/4 JIC MALE - 3/4 JIC MALE	3/4-16	3/4-16	16.90
AD17-0810	3/4 JIC MALE - 7/8 JIC MALE	3/4-16	7/8-14	36.10
AD17-0812	3/4 JIC MALE - 1 1/16 JIC MALE	3/4-16	1 1/16-12	40.00
AD17-10	7/8 JIC MALE - 7/8 JIC MALE	7/8-14	7/8-14	22.80
AD17-1012	7/8 JIC MALE - 1 1/16 JIC MALE	7/8-14	1 1/16-12	42.90
AD17-1016	7/8 JIC MALE - 1 5/16 JIC MALE	7/8-14	1 5/16-12	74.00
AD17-12	1 1/16 JIC MALE - 1 1/16 JIC MALE	1 1/16-12	1 1/16-12	32.55
AD17-1216	1 1/16 JIC MALE - 1 5/16 JIC MALE	1 1/16-12	1 5/16-12	74.90
AD17-16	1 5/16 JIC MALE - 1 5/16 JIC MALE	1 5/16-12	1 5/16-12	51.00
AD17-1620	1 5/16 JIC MALE - 1 5/8 JIC MALE	1 5/16-12	1 5/8-12	140.35
AD17-20	1 5/8 JIC MALE - 1 5/8 JIC MALE	1 5/8-12	1 5/8-12	111.45
AD17-24	1 7/8 JIC MALE - 1 7/8 JIC MALE	1 7/8-12	1 7/8-12	156.25
AD17-32	2 1/2 JIC MALE - 2 1/2 JIC MALE	2 1/2-12	2 1/2-12	456.70



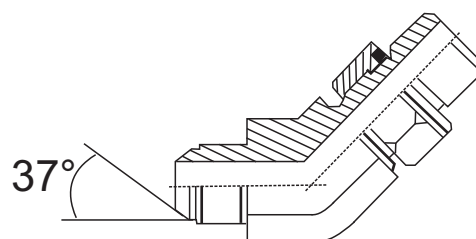
JIC MALE - METRIC MALE ADAPTOR

ITEMS	DESCRIPTION	JIC THREAD	METRIC THREAD	PRICE
AD18-0412	7/16 JIC MALE - M12X1.5 MALE	7/16-20	M12X1.5	19.15
AD18-0422	7/16 JIC MALE - M22X1.5 MALE	7/16-20	M22X1.5	34.45
AD18-0512	1/2 JIC MALE - M12X1.5 MALE	1/2-20	M12X1.5	22.70
AD18-0612	9/16 JIC MALE - M12X1.5 MALE NO O-RING	9/16-18	M12X1.5	23.80
AD18-0614	9/16 JIC MALE - M14X1.5 MALE	9/16-18	M14X1.5	24.25
AD18-0616	9/16 JIC MALE - M16X1.5 MALE	9/16-18	M16X1.5	25.15
AD18-0618	9/16 JIC MALE - M18X1.5 MALE	9/16-18	M18X1.5	33.70
AD18-0814	3/4 JIC MALE - M14X1.5 MALE	3/4-16	M14X1.5	26.15
AD18-0816	3/4 JIC MALE - M16X1.5 MALE	3/4-16	M16X1.5	30.60
AD18-0818	3/4 JIC MALE - M18X1.5 MALE	3/4-16	M18X1.5	28.60
AD18-0822	3/4 JIC MALE - M22X1.5 MALE	3/4-16	M22X1.5	37.30
AD18-1018	7/8 JIC MALE - M18X1.5 MALE	7/8-14	M18X1.5	34.85
AD18-1018DW	7/8 JIC MALE - M18X1.5 MALE WITH DW	7/8-14	M18X1.5	49.70
AD18-1218	1 1/16 JIC MALE - M18X1.5 MALE	1 1/16-12	M18X1.5	48.80
AD18-1222	1 1/16 JIC MALE - M22X1.5 MALE	1 1/16-12	M22X1.5	43.35
AD18-1230	1 1/16 JIC MALE - M30X2.0 MALE WITH DW	1 1/16-12	M30X2.0	64.30



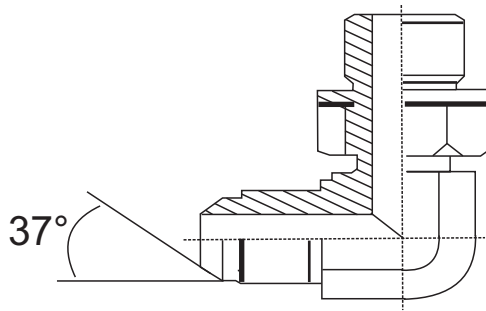
JIC MALE - METRIC MALE ADAPTOR 45°

ITEMS	DESCRIPTION	JIC THREAD	METRIC THREAD	PRICE
AD18-0512-45°	1/2 JIC MALE - M12X1.5 MALE 45°	1/2-20	M12X1.5	70.95



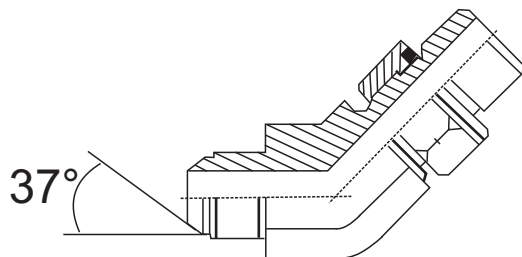
JIC MALE - METRIC MALE ADAPTOR 90°

ITEMS	DESCRIPTION	JIC THREAD	METRIC THREAD	PRICE
AD18-0616-90°	9/16 JIC MALE - M16X1.5 MALE 90°	9/16-18	M16X1.5	83.35
AD18-0816-90°	3/4 JIC MALE - M16X1.5 MALE 90°	3/4-16	M16X1.5	100.75
AD18-0818-90°	3/4 JIC MALE - M18X1.5 MALE 90°	3/4-16	M18X1.5	97.20
AD18-0822-90°	3/4 JIC MALE - M22X1.5 MALE 90°	3/4-16	M22X1.5	130.40



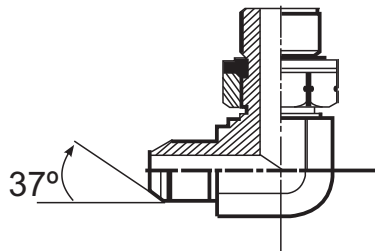
JIC MALE - BSP MALE ADAPTOR 45°

ITEMS	DESCRIPTION	JIC THREAD	BSP THREAD	PRICE
AD19-04-45°	7/16 JIC MALE - 1/4 BSP MALE 45°	7/16-20	1/4 BSP	72.25
AD19-06-45°	9/16 JIC MALE - 3/8 BSP MALE 45°	9/16-18	3/8 BSP	89.25
AD19-08-45°	3/4 JIC MALE - 1/2 BSP MALE 45°	3/4-16	1/2 BSP	115.60
AD19-0806-45°	3/4 JIC MALE - 3/8 BSP MALE 45°	3/4-16	3/8 BSP	107.35
AD19-12-45°	1 1/16 JIC MALE - 3/4 BSP MALE 45°	1 1/16-12	3/4 BSP	151.15
AD19-16-45°	1 5/16 JIC MALE - 1" BSP MALE 45°	1 5/16-12	1" BSP	240.30



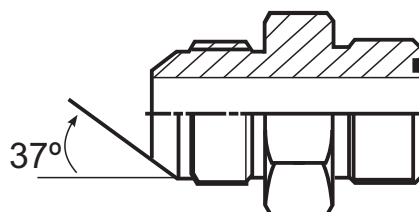
JIC MALE - BSP MALE ADAPTOR 90°

ITEMS	DESCRIPTION	JIC THREAD	BSP THREAD	PRICE
AD19-0402	7/16 JIC MALE - 1/8 BSP MALE 90°	7/16-20	1/8 BSP	74.30
AD19-0404	7/16 JIC MALE - 1/4 BSP MALE 90°	7/16-20	1/4 BSP	61.65
AD19-0406	7/16 JIC MALE - 3/8 BSP MALE 90°	7/16-20	3/8 BSP	103.20
AD19-0604	9/16 JIC MALE - 1/4 BSP MALE 90°	9/16-18	1/4 BSP	78.85
AD19-0606	9/16 JIC MALE - 3/8 BSP MALE 90°	9/16-18	3/8 BSP	80.90
AD19-0608	9/16 JIC MALE - 1/2 BSP MALE 90°	9/16-18	1/2 BSP	123.85
AD19-0804	3/4 JIC MALE - 1/4 BSP MALE 90°	3/4-16	1/4 BSP	99.10
AD19-0806	3/4 JIC MALE - 3/8 BSP MALE 90°	3/4-16	3/8 BSP	83.35
AD19-0808	3/4 JIC MALE - 1/2 BSP MALE 90°	3/4-16	1/2 BSP	92.30
AD19-0810	3/4 JIC MALE - 5/8 BSP MALE 90°	3/4-16	5/8 BSP	145.65
AD19-0812	3/4 JIC MALE - 3/4 BSP MALE 90°	3/4-16	3/4 BSP	175.45
AD19-1006	7/8 JIC MALE - 3/8 BSP MALE 90°	7/8-14	3/8 BSP	147.25
AD19-1008	7/8 JIC MALE - 1/2 BSP MALE 90°	7/8-14	1/2 BSP	147.25
AD19-1012	7/8 JIC MALE - 3/4 BSP MALE 90°	7/8-14	3/4 BSP	169.25
AD19-1208	1 1/16 JIC MALE - 1/2 BSP MALE 90°	1 1/16-12	1/2 BSP	147.40
AD19-1212	1 1/16 JIC MALE - 3/4 BSP MALE 90°	1 1/16-12	3/4 BSP	140.90
AD19-1216	1 1/16 JIC MALE - 1" BSP MALE 90°	1 1/16-12	1" BSP	268.30
AD19-1612	1 5/16 JIC MALE - 3/4 BSP MALE 90°	1 5/16-12	3/4 BSP	247.65
AD19-1616	1 5/16 JIC MALE - 1" BSP MALE 90°	1 5/16-12	1" BSP	224.30
AD19-1620	1 5/16 JIC MALE - 1 1/4 BSP MALE 90°	1 5/16-12	1 1/4 BSP	507.75
AD19-2016	1 5/8 JIC MALE - 1" BSP MALE 90°	1 5/8-12	1" BSP	499.95
AD19-2020	1 5/8 JIC MALE - 1 1/4 BSP MALE 90°	1 5/8-12	1 1/4 BSP	516.20
AD19-2424	1 7/8 JIC MALE - 1 1/2 BSP MALE 90°	1 7/8-12	1 1/2 BSP	722.40



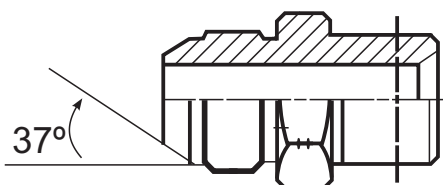
JIC MALE - ORFS MALE ADAPTOR

ITEMS	DESCRIPTION	JIC THREAD	ORFS THREAD	PRICE
AD20-0606	9/16 JIC MALE - 11/16 ORFS MALE	9/16 - 18	11/16-16	16.50
AD20-0808	3/4 JIC MALE - 13/16 ORFS MALE	3/4-16	13/16-16	23.05
AD20-1010	7/8 JIC MALE - 1" ORFS MALE	7/8-14	1-14	60.15
AD20-1212	1 1/16 JIC MALE - 1 3/16 ORFS MALE	1 1/16-12	1 3/16-12	43.30
AD20-1616	1 5/16 JIC MALE - 1 7/16 ORFS MALE	1 5/16-12	1 7/16-12	85.50



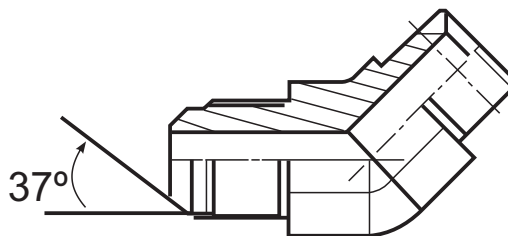
JIC MALE - NPT MALE ADAPTOR

ITEMS	DESCRIPTION	JIC THREAD	NPT THREAD	PRICE
AD21-0402	7/16 JIC MALE - 1/8 NPT MALE	7/16-20	1/8 NPT	8.90
AD21-0404	7/16 JIC MALE - 1/4 NPT MALE	7/16-20	1/4 NPT	9.60
AD21-0406	7/16 JIC MALE - 3/8 NPT MALE	7/16-20	3/8 NPT	14.90
AD21-0408	7/16 JIC MALE - 1/2 NPT MALE	7/16-20	1/2 NPT	20.10
AD21-0502	1/2 JIC MALE - 1/8 NPT MALE	1/2-20	1/8 NPT	12.80
AD21-0504	1/2 JIC MALE - 1/4 NPT MALE	1/2-20	1/4 NPT	13.60
AD21-0506	1/2 JIC MALE - 3/8 NPT MALE	1/2-20	3/8 NPT	19.80
AD21-0602	9/16 JIC MALE - 1/8 NPT MALE	9/16-18	1/8 NPT	13.80
AD21-0604	9/16 JIC MALE - 1/4 NPT MALE	9/16-18	1/4 NPT	12.75
AD21-0606	9/16 JIC MALE - 3/8 NPT MALE	9/16-18	3/8 NPT	12.10
AD21-0608	9/16 JIC MALE - 1/2 NPT MALE	9/16-18	1/2 NPT	18.20
AD21-0612	9/16 JIC MALE - 3/4 NPT MALE	9/16-18	3/4 NPT	43.35
AD21-0804	3/4 JIC MALE - 1/4 NPT MALE	3/4-16	1/4 NPT	17.95
AD21-0806	3/4 JIC MALE - 3/8 NPT MALE	3/4-16	3/8 NPT	15.95
AD21-0808	3/4 JIC MALE - 1/2 NPT MALE	3/4-16	1/2 NPT	17.55
AD21-0812	3/4 JIC MALE - 3/4 NPT MALE	3/4-16	3/4 NPT	28.40
AD21-0816	3/4 JIC MALE - 1" NPT MALE	3/4-16	1" NPT	65.00
AD21-1006	7/8 JIC MALE - 3/8 NPT MALE	7/8-14	3/8 NPT	22.00
AD21-1008	7/8 JIC MALE - 1/2 NPT MALE	7/8-14	1/2 NPT	20.60
AD21-1012	7/8 JIC MALE - 3/4 NPT MALE	7/8-14	3/4 NPT	35.60
AD21-1206	1 1/16 JIC MALE - 3/8 NPT MALE	1 1/16-12	3/8 NPT	40.35
AD21-1208	1 1/16 JIC MALE - 1/2 NPT MALE	1 1/16-12	1/2 NPT	30.85
AD21-1212	1 1/16 JIC MALE - 3/4 NPT MALE	1 1/16-12	3/4 NPT	30.00
AD21-1216	1 1/16 JIC MALE - 1" NPT MALE	1 1/16-12	1" NPT	49.10
AD21-1220	1 1/16 JIC MALE - 1 1/4 NPT MALE	1 1/16-12	1 1/4 NPT	127.35
AD21-1606	1 5/16 JIC MALE - 3/8 NPT MALE	1 5/16-12	3/8 NPT	94.95
AD21-1608	1 5/16 JIC MALE - 1/2 NPT MALE	1 5/16-12	1/2 NPT	71.85
AD21-1612	1 5/16 JIC MALE - 3/4 NPT MALE	1 5/16-12	3/4 NPT	52.00
AD21-1616	1 5/16 JIC MALE - 1" NPT MALE	1 5/16-12	1" NPT	48.80
AD21-1620	1 5/16 JIC MALE - 1 1/4 NPT MALE	1 5/16-12	1 1/4 NPT	103.90
AD21-2012	1 5/8 JIC MALE - 3/4 NPT MALE	1 5/8-12	3/4 NPT	122.80
AD21-2016	1 5/8 JIC MALE - 1" NPT MALE	1 5/8-12	1" NPT	104.50
AD21-2020	1 5/8 JIC MALE - 1 1/4 NPT MALE	1 5/8-12	1 1/4 NPT	93.25
AD21-2024	1 5/8 JIC MALE - 1 1/2 NPT MALE	1 5/8-12	1 1/2 NPT	173.35
AD21-2420	1 7/8 JIC MALE - 1 1/4 NPT MALE	1 7/8-12	1 1/4 NPT	172.55
AD21-2424	1 7/8 JIC MALE - 1 1/2 NPT MALE	1 7/8-12	1 1/2 NPT	134.55
AD21-2432	1 7/8 JIC MALE - 2" NPT MALE	1 7/8-12	2" NPT	287.25
AD21-3224	2 1/2 JIC MALE - 1 1/2 NPT MALE	2 1/2-12	1 1/2 NPT	367.85
AD21-3232	2 1/2 JIC MALE - 2" NPT MALE	2 1/2-12	2" NPT	301.50



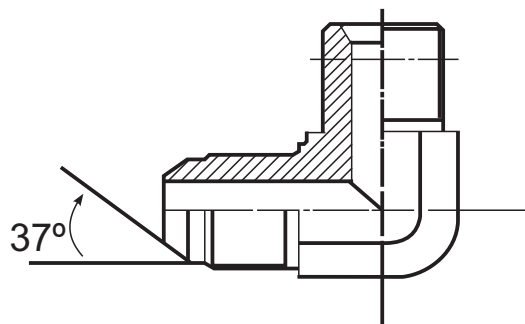
JIC MALE - NPT MALE 45°

ITEMS	DESCRIPTION	JIC THREAD	NPT THREAD	PRICE
AD22-0402	7/16 JIC MALE - 1/8 NPT MALE 45°	7/16-20	1/8 NPT	39.85
AD22-0404	7/16 JIC MALE - 1/4 NPT MALE 45°	7/16-20	1/4 NPT	42.90
AD22-0406	7/16 JIC MALE - 3/8 NPT MALE 45°	7/16-20	3/8 NPT	53.70
AD22-0408	7/16 JIC MALE - 1/2 NPT MALE 45°	7/16-20	1/2 NPT	69.45
AD22-0502	1/2 JIC MALE - 1/8 NPT MALE 45°	1/2-20	1/8 NPT	57.80
AD22-0504	1/2 JIC MALE - 1/4 NPT MALE 45°	1/2-20	1/4 NPT	57.80
AD22-0602	9/16 JIC MALE - 1/8 NPT MALE 45°	9/16-18	1/8 NPT	51.60
AD22-0604	9/16 JIC MALE - 1/4 NPT MALE 45°	9/16-18	1/4 NPT	49.55
AD22-0606	9/16 JIC MALE - 3/8 NPT MALE 45°	9/16-18	3/8 NPT	51.60
AD22-0608	9/16 JIC MALE - 1/2 NPT MALE 45°	9/16-18	1/2 NPT	78.45
AD22-0804	3/4 JIC MALE - 1/4 NPT MALE 45°	3/4-16	1/4 NPT	84.65
AD22-0806	3/4 JIC MALE - 3/8 NPT MALE 45°	3/4-16	3/8 NPT	64.00
AD22-0808	3/4 JIC MALE - 1/2 NPT MALE 45°	3/4-16	1/2 NPT	64.00
AD22-0812	3/4 JIC MALE - 3/4 NPT MALE 45°	3/4-16	3/4 NPT	123.85
AD22-1008	7/8 JIC MALE - 1/2 NPT MALE 45°	7/8-14	1/2 NPT	82.60
AD22-1012	7/8 JIC MALE - 3/4 NPT MALE 45°	7/8-14	3/4 NPT	115.60
AD22-1208	1 1/16 JIC MALE - 1/2 NPT MALE 45°	1 1/16-12	1/2 NPT	115.60
AD22-1212	1 1/16 JIC MALE - 3/4 NPT MALE 45°	1 1/16-12	3/4 NPT	101.15
AD22-1216	1 1/16 JIC MALE - 1" NPT MALE 45°	1 1/16-12	1" NPT	161.00
AD22-1612	1 5/16 JIC MALE - 3/4 NPT MALE 45°	1 5/16-12	3/4 NPT	165.15
AD22-1616	1 5/16 JIC MALE - 1" NPT MALE 45°	1 5/16-12	1" NPT	146.55
AD22-1620	1 5/16 JIC MALE - 1 1/4 NPT MALE 45°	1 5/16-12	1 1/4 NPT	321.05
AD22-2016	1 5/8 JIC MALE - 1" NPT MALE 45°	1 5/8-12	1" NPT	381.40
AD22-2020	1 5/8 JIC MALE - 1 1/4 NPT MALE 45°	1 5/8-12	1 1/4 NPT	340.55
AD22-2424	1 7/8 JIC MALE - 1 1/2 NPT MALE 45°	1 7/8-12	1 1/2 NPT	577.90
AD22-3232	2 1/2 JIC MALE - 2" NPT MALE 45°	2 1/2-12	2" NPT	1049.80



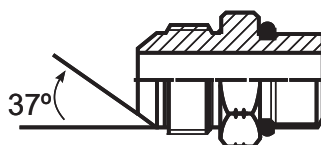
JIC MALE - NPT MALE ADAPTOR 90°

ITEMS	DESCRIPTION	JIC THREAD	NPT THREAD	PRICE
AD23-0402	7/16 JIC MALE - 1/8 NPT MALE 90°	7/16-20	1/8 NPT	30.00
AD23-0404	7/16 JIC MALE - 1/4 NPT MALE 90°	7/16-20	1/4 NPT	30.60
AD23-0406	7/16 JIC MALE - 3/8 NPT MALE 90°	7/16-20	3/8 NPT	49.95
AD23-0408	7/16 JIC MALE - 1/2 NPT MALE 90°	7/16-20	1/2 NPT	69.10
AD23-0502	1/2 JIC MALE - 1/8 NPT MALE 90°	1/2-20	1/8 NPT	42.10
AD23-0504	1/2 JIC MALE - 1/4 NPT MALE 90°	1/2-20	1/4 NPT	43.35
AD23-0506	1/2 JIC MALE - 3/8 NPT MALE 90°	1/2-20	3/8 NPT	57.00
AD23-0602	9/16 JIC MALE - 1/8 NPT MALE 90°	9/16-18	1/8 NPT	44.15
AD23-0604	9/16 JIC MALE - 1/4 NPT MALE 90°	9/16-18	1/4 NPT	31.80
AD23-0606	9/16 JIC MALE - 3/8 NPT MALE 90°	9/16-18	3/8 NPT	39.20
AD23-0608	9/16 JIC MALE - 1/2 NPT MALE 90°	9/16-18	1/2 NPT	53.90
AD23-0804	3/4 JIC MALE - 1/4 NPT MALE 90°	3/4-16	1/4 NPT	68.00
AD23-0806	3/4 JIC MALE - 3/8 NPT MALE 90°	3/4-16	3/8 NPT	46.90
AD23-0808	3/4 JIC MALE - 1/2 NPT MALE 90°	3/4-16	1/2 NPT	48.45
AD23-0812	3/4 JIC MALE - 3/4 NPT MALE 90°	3/4-16	3/4 NPT	87.00
AD23-1006	7/8 JIC MALE - 3/8 NPT MALE 90°	7/8-14	3/8 NPT	78.45
AD23-1008	7/8 JIC MALE - 1/2 NPT MALE 90°	7/8-14	1/2 NPT	65.50
AD23-1012	7/8 JIC MALE - 3/4 NPT MALE 90°	7/8-14	3/4 NPT	92.30
AD23-1206	1 1/16 JIC MALE - 3/8 NPT MALE 90°	1 1/16-12	3/8 NPT	102.35
AD23-1208	1 1/16 JIC MALE - 1/2 NPT MALE 90°	1 1/16-12	1/2 NPT	96.40
AD23-1212	1 1/16 JIC MALE - 3/4 NPT MALE 90°	1 1/16-12	3/4 NPT	75.35
AD23-1216	1 1/16 JIC MALE - 1" NPT MALE 90°	1 1/16-12	1" NPT	140.35
AD23-1220	1 1/16 JIC MALE - 1 1/4 NPT MALE 90°	1 1/16-12	1 1/4 NPT	314.30
AD23-1612	1 5/16 JIC MALE - 3/4 NPT MALE 90°	1 5/16-12	3/4 NPT	165.15
AD23-1616	1 5/16 JIC MALE - 1" NPT MALE 90°	1 5/16-12	1" NPT	124.95
AD23-1620	1 5/16 JIC MALE - 1 1/4 NPT MALE 90°	1 5/16-12	1 1/4 NPT	344.90
AD23-2016	1 5/8 JIC MALE - 1" NPT MALE 90°	1 5/8-12	1" NPT	324.35
AD23-2020	1 5/8 JIC MALE - 1 1/4 NPT MALE 90°	1 5/8-12	1 1/4 NPT	313.65
AD23-2024	1 5/8 JIC MALE - 1 1/2 NPT MALE 90°	1 5/8-12	1 1/2 NPT	572.15
AD23-2420	1 7/8 JIC MALE - 1 1/4 NPT MALE 90°	1 7/8-12	1 1/4 NPT	373.30
AD23-2424	1 7/8 JIC MALE - 1 1/2 NPT MALE 90°	1 7/8-12	1 1/2 NPT	507.75
AD23-3232	2 1/2 JIC MALE - 2" NPT MALE 90°	2 1/2-12	2" NPT	707.50



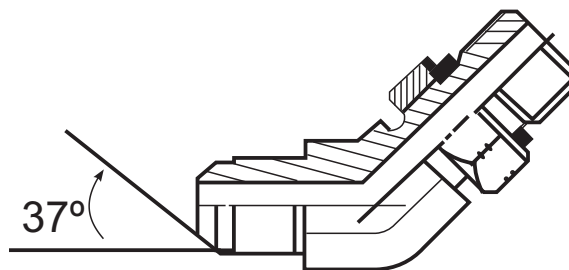
JIC MALE - SAE MALE ADAPTOR

ITEMS	DESCRIPTION	JIC THREAD	SAE THREAD	PRICE
AD24-0404	7/16 JIC MALE - 7/16 SAE MALE	7/16-20	7/16-20	10.05
AD24-0405	7/16 JIC MALE - 1/2 SAE MALE	7/16-20	1/2-20	19.80
AD24-0406	7/16 JIC MALE - 9/16 SAE MALE	7/16-20	9/16-18	12.30
AD24-0408	7/16 JIC MALE - 3/4 SAE MALE	7/16-20	3/4-16	26.00
AD24-0504	1/2 JIC MALE - 7/16 SAE MALE	1/2-20	7/16-20	15.25
AD24-0505	1/2 JIC MALE - 1/2 SAE MALE	1/2-20	1/2-20	14.25
AD24-0506	1/2 JIC MALE - 9/16 SAE MALE	1/2-20	9/16-18	31.80
AD24-0604	9/16 JIC MALE - 7/16 SAE MALE	9/16-18	7/16-20	17.75
AD24-0605	9/16 JIC MALE - 1/2 SAE MALE	9/16-18	1/2-20	21.60
AD24-0606	9/16 JIC MALE - 9/16 SAE MALE	9/16-18	9/16-18	13.40
AD24-0608	9/16 JIC MALE - 3/4 SAE MALE	9/16-18	3/4-16	20.00
AD24-0610	9/16 JIC MALE - 7/8 SAE MALE	9/16-18	7/8-14	26.65
AD24-0612	9/16 JIC MALE - 1 1/16 SAE MALE	9/16-18	1 1/16-12	49.55
AD24-0804	3/4 JIC MALE - 7/16 SAE MALE	3/4-16	7/16-20	16.70
AD24-0806	3/4 JIC MALE - 9/16 SAE MALE	3/4-16	9/16-18	20.00
AD24-0808	3/4 JIC MALE - 3/4 SAE MALE	3/4-16	3/4-16	19.10
AD24-0810	3/4 JIC MALE - 7/8 SAE MALE	3/4-16	7/8-14	25.20
AD24-0812	3/4 JIC MALE - 1 1/16 SAE MALE	3/4-16	1 1/16-12	39.00
AD24-0816	3/4 JIC MALE - 1 5/16 SAE MALE	3/4-16	1 5/16-12	90.70
AD24-1006	7/8 JIC MALE - 9/16 SAE MALE	7/8-14	9/16-18	33.00
AD24-1008	7/8 JIC MALE - 3/4 SAE MALE	7/8-14	3/4-16	27.70
AD24-1010	7/8 JIC MALE - 7/8 SAE MALE	7/8-14	7/8-14	26.95
AD24-1012	7/8 JIC MALE - 1 1/16 SAE MALE	7/8-14	1 1/16-12	57.45
AD24-1016	7/8 JIC MALE - 1 5/16 SAE MALE	7/8-14	1 5/16-12	78.10
AD24-1206	1 1/16 JIC MALE - 9/16 SAE MALE	1 1/16-12	9/16-18	77.40
AD24-1208	1 1/16 JIC MALE - 3/4 SAE MALE	1 1/16-12	3/4-16	44.10
AD24-1210	1 1/16 JIC MALE - 7/8 SAE MALE	1 1/16-12	7/8-14	38.20
AD24-1212	1 1/16 JIC MALE - 1 1/16 SAE MALE	1 1/16-12	1 1/16-12	38.90
AD24-1216	1 1/16 JIC MALE - 1 5/16 SAE MALE	1 1/16-12	1 5/16-12	57.60
AD24-1220	1 1/16 JIC MALE - 1 5/8 SAE MALE	1 1/16-12	1 5/8-12	152.75
AD24-1610	1 5/16 JIC MALE - 7/8 SAE MALE	1 5/16-12	7/8-14	61.30
AD24-1612	1 5/16 JIC MALE - 1 1/16 SAE MALE	1 5/16-12	1 1/16-12	61.90
AD24-1616	1 5/16 JIC MALE - 1 5/16 SAE MALE	1 5/16-12	1 5/16-12	58.65
AD24-1620	1 5/16 JIC MALE - 1 5/8 SAE MALE	1 5/16-12	1 5/8-12	115.70
AD24-2016	1 5/8 JIC MALE - 1 5/16 SAE MALE	1 5/8-12	1 5/16-12	136.25
AD24-2020	1 5/8 JIC MALE - 1 5/8 SAE MALE	1 5/8-12	1 5/8-12	133.70
AD24-2024	1 5/8 JIC MALE - 1 7/8 SAE MALE	1 5/8-12	1 7/8-12	240.60
AD24-2420	1 7/8 JIC MALE - 1 5/8 SAE MALE	1 7/8-12	1 5/8-12	226.55
AD24-2424	1 7/8 JIC MALE - 1 7/8 SAE MALE	1 7/8-12	1 7/8-12	173.35
AD24-3232	2 1/2 JIC MALE - 2 1/2 SAE MALE	2 1/2-12	2 1/2-12	371.50



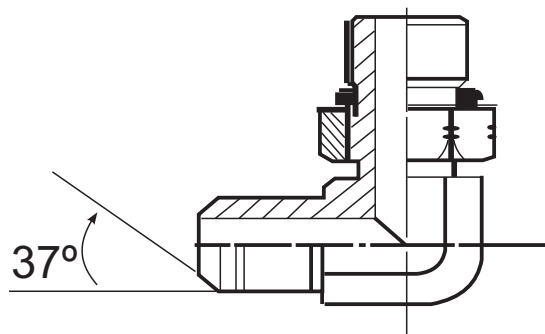
JIC MALE - SAE MALE 45°

ITEMS	DESCRIPTION	JIC THREAD	SAE THREAD	PRICE
AD25-0404	7/16 JIC MALE - 7/16 SAE MALE 45°	7/16-20	7/16-20	63.00
AD25-0406	7/16 JIC MALE - 9/16 SAE MALE 45°	7/16-20	9/16-18	73.00
AD25-0505	1/2 JIC MALE - 1/2 SAE MALE 45°	1/2-20	1/2-20	78.45
AD25-0606	9/16 JIC MALE - 9/16 SAE MALE 45°	9/16-18	9/16-18	76.55
AD25-0608	9/16 JIC MALE - 3/4 SAE MALE 45°	9/16-18	3/4-16	99.20
AD25-0806	3/4 JIC MALE - 9/16 SAE MALE 45°	3/4-16	9/16-18	103.45
AD25-0808	3/4 JIC MALE - 3/4 SAE MALE 45°	3/4-16	3/4-16	96.90
AD25-0810	3/4 JIC MALE - 7/8 SAE MALE 45°	3/4-16	7/8-14	121.50
AD25-1006	7/8 JIC MALE - 9/16 SAE MALE 45°	7/8-14	9/16-18	134.15
AD25-1008	7/8 JIC MALE - 3/4 SAE MALE 45°	7/8-14	3/4-16	127.95
AD25-1010	7/8 JIC MALE - 7/8 SAE MALE 45°	7/8-14	7/8-14	122.80
AD25-1012	7/8 JIC MALE - 1 1/16 SAE MALE 45°	7/8-14	1 1/16-12	161.00
AD25-1212	1 1/16 JIC MALE - 1 1/16 SAE MALE 45°	1 1/16-12	1 1/16-12	143.75
AD25-1210	1 1/16 JIC MALE - 7/8 SAE MALE 45°	1 1/16-12	7/8-14	161.00
AD25-1216	1 1/16 JIC MALE - 1 5/16 SAE MALE 45°	1 1/16-12	1 5/16-12	247.65
AD25-1616	1 5/16 JIC MALE - 1 5/16 SAE MALE 45°	1 5/16-12	1 5/16-12	239.45
AD25-2020	1 5/8 JIC MALE - 1 5/8 SAE MALE 45°	1 5/8-12	1 5/8-12	522.10
AD25-2424	1 7/8 JIC MALE - 1 7/8 SAE MALE 45°	1 7/8-12	1 7/8-12	762.90



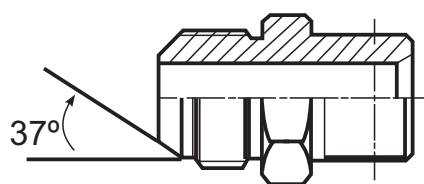
JIC MALE - SAE MALE 90°

ITEMS	DESCRIPTION	JIC THREAD	SAE THREAD	PRICE
AD26-0404	7/16 JIC MALE - 7/16 SAE MALE 90°	7/16-20	7/16-20	55.90
AD26-0405	7/16 JIC MALE - 1/2 SAE MALE 90°	7/16-20	1/2-20	85.60
AD26-0406	7/16 JIC MALE - 9/16 SAE MALE 90°	7/16-20	9/16-18	66.40
AD26-0504	1/2 JIC MALE - 7/16 SAE MALE 90°	1/2-20	7/16-20	77.45
AD26-0505	1/2 JIC MALE - 1/2 SAE MALE 90°	1/2-20	1/2-20	73.90
AD26-0506	1/2 JIC MALE - 9/16 SAE MALE 90°	1/2-20	9/16-18	85.00
AD26-0604	9/16 JIC MALE - 7/16 SAE MALE 90°	9/16-18	7/16-20	71.15
AD26-0605	9/16 JIC MALE - 1/2 SAE MALE 90°	9/16-18	1/2-20	82.60
AD26-0606	9/16 JIC MALE - 9/16 SAE MALE 90°	9/16-18	9/16-18	59.00
AD26-0608	9/16 JIC MALE - 3/4 SAE MALE 90°	9/16-18	3/4-16	77.80
AD26-0610	9/16 JIC MALE - 7/8 SAE MALE 90°	9/16-18	7/8-14	111.45
AD26-0804	3/4 JIC MALE - 7/16 SAE MALE 90°	3/4-16	7/16-20	117.85
AD26-0806	3/4 JIC MALE - 9/16 SAE MALE 90°	3/4-16	9/16-18	94.60
AD26-0808	3/4 JIC MALE - 3/4 SAE MALE 90°	3/4-16	3/4-16	75.70
AD26-0810	3/4 JIC MALE - 7/8 SAE MALE 90°	3/4-16	7/8-14	117.70
AD26-0812	3/4 JIC MALE - 1 1/16 SAE MALE 90°	3/4-16	1 1/16-12	124.95
AD26-1006	7/8 JIC MALE - 9/16 SAE MALE 90°	7/8-14	9/16-18	97.75
AD26-1008	7/8 JIC MALE - 3/4 SAE MALE 90°	7/8-14	3/4-16	122.80
AD26-1010	7/8 JIC MALE - 7/8 SAE MALE 90°	7/8-14	7/8-14	114.95
AD26-1012	7/8 JIC MALE - 1 1/16 SAE MALE 90°	7/8-14	1 1/16-12	152.70
AD26-1208	1 1/16 JIC MALE - 3/4 SAE MALE 90°	1 1/16-12	3/4-16	144.50
AD26-1210	1 1/16 JIC MALE - 7/8 SAE MALE 90°	1 1/16-12	7/8-14	132.60
AD26-1212	1 1/16 JIC MALE - 1 1/16 SAE MALE 90°	1 1/16-12	1 1/16-12	125.10
AD26-1216	1 1/16 JIC MALE - 1 5/16 SAE MALE 90°	1 1/16-12	1 5/16-12	243.30
AD26-1610	1 5/16 JIC MALE - 7/8 SAE MALE 90°	1 5/16-12	7/8-14	210.50
AD26-1612	1 5/16 JIC MALE - 1 1/16 SAE MALE 90°	1 5/16-12	1 1/16-12	244.95
AD26-1616	1 5/16 JIC MALE - 1 5/16 SAE MALE 90°	1 5/16-12	1 5/16-12	238.80
AD26-1620	1 5/16 JIC MALE - 1 5/8 SAE MALE 90°	1 5/16-12	1 5/8-12	485.65
AD26-2016	1 5/8 JIC MALE - 1 5/16 SAE MALE 90°	1 5/8-12	1 5/16-12	513.40
AD26-2020	1 5/8 JIC MALE - 1 5/8 SAE MALE 90°	1 5/8-12	1 5/8-12	485.65
AD26-2024	1 5/8 JIC MALE - 1 7/8 SAE MALE 90°	1 5/8-12	1 7/8-12	675.30
AD26-2424	1 7/8 JIC MALE - 1 7/8 SAE MALE 90°	1 7/8-12	1 7/8-12	681.15



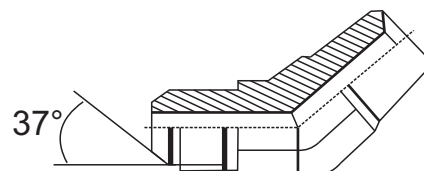
JIC MALE - BSPT MALE ADAPTOR

ITEMS	DESCRIPTION	JIC THREAD	BSPT THREAD	PRICE
AD27-0402	7/16 JIC MALE - 1/8 BSPT MALE	7/16-20	1/8 BSPT	15.55
AD27-0404	7/16 JIC MALE - 1/4 BSPT MALE	7/16-20	1/4 BSPT	15.60
AD27-0406	7/16 JIC MALE - 3/8 BSPT MALE	7/16-20	3/8 BSPT	21.65
AD27-0408	7/16 JIC MALE - 1/2 BSPT MALE	7/16-20	1/2 BSPT	31.15
AD27-0502	1/2 JIC MALE - 1/8 BSPT MALE	1/2-20	1/8 BSPT	15.90
AD27-0602	9/16 JIC MALE - 1/8 BSPT MALE	9/16-18	1/8 BSPT	16.50
AD27-0604	9/16 JIC MALE - 1/4 BSPT MALE	9/16-18	1/4 BSPT	16.50
AD27-0606	9/16 JIC MALE - 3/8 BSPT MALE	9/16-18	3/8 BSPT	16.50
AD27-0608	9/16 JIC MALE - 1/2 BSPT MALE	9/16-18	1/2 BSPT	26.40
AD27-0804	3/4 JIC MALE - 1/4 BSPT MALE	3/4-16	1/4 BSPT	26.95
AD27-0806	3/4 JIC MALE - 3/8 BSPT MALE	3/4-16	3/8 BSPT	24.55
AD27-0808	3/4 JIC MALE - 1/2 BSPT MALE	3/4-16	1/2 BSPT	21.25
AD27-0812	3/4 JIC MALE - 3/4 BSPT MALE	3/4-16	3/4 BSPT	68.00
AD27-0816	3/4 JIC MALE - 1" BSPT MALE	3/4-16	1" BSPT	75.45
AD27-1006	7/8 JIC MALE - 3/8 BSPT MALE	7/8-14	3/8 BSPT	27.10
AD27-1008	7/8 JIC MALE - 1/2 BSPT MALE	7/8-14	1/2 BSPT	29.70
AD27-1012	7/8 JIC MALE - 3/4 BSPT MALE	7/8-14	3/4 BSPT	42.30
AD27-1208	1 1/16 JIC MALE - 1/2 BSPT MALE	1 1/16-12	1/2 BSPT	44.40
AD27-1212	1 1/16 JIC MALE - 3/4 BSPT MALE	1 1/16-12	3/4 BSPT	42.90
AD27-1216	1 1/16 JIC MALE - 1" BSPT MALE	1 1/16-12	1" BSPT	56.15
AD27-1612	1 5/16 JIC MALE - 3/4 BSPT MALE	1 5/16-12	3/4 BSPT	50.45
AD27-1616	1 5/16 JIC MALE - 1" BSPT MALE	1 5/16-12	1" BSPT	64.00
AD27-1620	1 5/16 JIC MALE - 1 1/4 BSPT MALE	1 5/16-12	1 1/4 BSPT	105.60
AD27-2020	1 5/8 JIC MALE - 1 1/4 BSPT MALE	1 5/8-12	1 1/4 BSPT	132.50
AD27-2424	1 7/8 JIC MALE - 1 1/2 BSPT MALE	1 7/8-12	1 1/2 BSPT	156.05



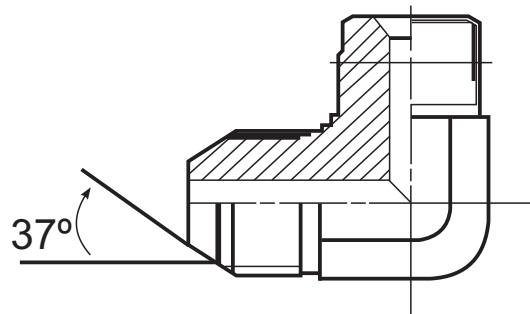
JIC MALE - BSPT MALE ADAPTOR 45°

ITEMS	DESCRIPTION	JIC THREAD	BSPT THREAD	PRICE
AD27-0408-45°	7/16 JIC MALE - 1/2 BSPT MALE 45°	7/16-20	1/2 BSPT	68.10



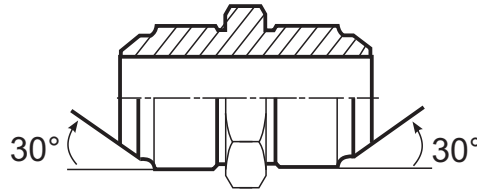
JIC MALE - BSPT MALE 90°

ITEMS	DESCRIPTION	JIC THREAD	BSPT THREAD	PRICE
AD28-0402	7/16 JIC MALE - 1/8 BSPT MALE 90°	7/16-20	1/8 BSPT	36.55
AD28-0404	7/16 JIC MALE - 1/4 BSPT MALE 90°	7/16-20	1/4 BSPT	38.40
AD28-0406	7/16 JIC MALE - 3/8 BSPT MALE 90°	7/16-20	3/8 BSPT	45.85
AD28-0408	7/16 JIC MALE - 1/2 BSPT MALE 90°	7/16-20	1/2 BSPT	56.75
AD28-0502	1/2 JIC MALE - 1/8 BSPT MALE 90°	1/2-20	1/8 BSPT	39.85
AD28-0504	1/2 JIC MALE - 1/4 BSPT MALE 90°	1/2-20	1/4 BSPT	41.70
AD28-0602	9/16 JIC MALE - 1/8 BSPT MALE 90°	9/16-18	1/8 BSPT	45.40
AD28-0604	9/16 JIC MALE - 1/4 BSPT MALE 90°	9/16-18	1/4 BSPT	45.40
AD28-0606	9/16 JIC MALE - 3/8 BSPT MALE 90°	9/16-18	3/8 BSPT	45.40
AD28-0608	9/16 JIC MALE - 1/2 BSPT MALE 90°	9/16-18	1/2 BSPT	59.25
AD28-0804	3/4 JIC MALE - 1/4 BSPT MALE 90°	3/4-16	1/4 BSPT	59.25
AD28-0806	3/4 JIC MALE - 3/8 BSPT MALE 90°	3/4-16	3/8 BSPT	61.10
AD28-0808	3/4 JIC MALE - 1/2 BSPT MALE 90°	3/4-16	1/2 BSPT	63.40
AD28-1008	7/8 JIC MALE - 1/2 BSPT MALE 90°	7/8-14	1/2 BSPT	76.20
AD28-1012	7/8 JIC MALE - 3/4 BSPT MALE 90°	7/8-14	3/4 BSPT	97.60
AD28-1016	7/8 JIC MALE - 1" BSPT MALE 90°	7/8-14	1" BSPT	141.80
AD28-1208	1 1/16 JIC MALE - 1/2 BSPT MALE 90°	1 1/16-12	1/2 BSPT	89.20
AD28-1212	1 1/16 JIC MALE - 3/4 BSPT MALE 90°	1 1/16-12	3/4 BSPT	90.90
AD28-1216	1 1/16 JIC MALE - 1" BSPT MALE 90°	1 1/16-12	1" BSPT	148.85
AD28-1612	1 5/16 JIC MALE - 3/4 BSPT MALE 90°	1 5/16-12	3/4 BSPT	155.40
AD28-1616	1 5/16 JIC MALE - 1" BSPT MALE 90°	1 5/16-12	1" BSPT	146.15
AD28-1620	1 5/16 JIC MALE - 1 1/4 BSPT MALE 90°	1 5/16-12	1 1/4 BSPT	306.90
AD28-2016	1 5/8 JIC MALE - 1" BSPT MALE 90°	1 5/8-12	1" BSPT	306.10
AD28-2020	1 5/8 JIC MALE - 1 1/4 BSPT MALE 90°	1 5/8-12	1 1/4 BSPT	307.15
AD28-2424	1 7/8 JIC MALE - 1 1/2 BSPT MALE 90°	1 7/8-12	1 1/2 BSPT	510.15
AD28-3232	2 1/2 JIC MALE - 2" BSPT MALE 90°	2 1/2-12	2" BSPT	525.05



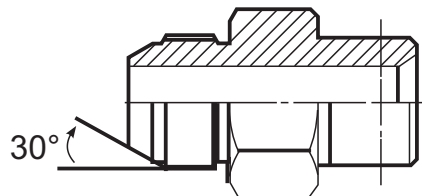
KOMATSU MALE - KOMATSU MALE ADAPTOR

ITEMS	DESCRIPTION	METRIC THREAD	METRIC THREAD
AD29-14	14X1.5 - 14X1.5 KOMATSU MALE	14X1.5	14X1.5
AD29-18	18X1.5 - 18X1.5 KOMATSU MALE	18X1.5	18X1.5
AD29-22	22X1.5 - 22X1.5 KOMATSU MALE	22X1.5	22X1.5
AD29-24	24X1.5 - 24X1.5 KOMATSU MALE	24X1.5	24X1.5
AD29-30	30X1.5 - 30X1.5 KOMATSU MALE	30X1.5	30X1.5
AD29-33	33X1.5 - 33X1.5 KOMATSU MALE	33X1.5	33X1.5



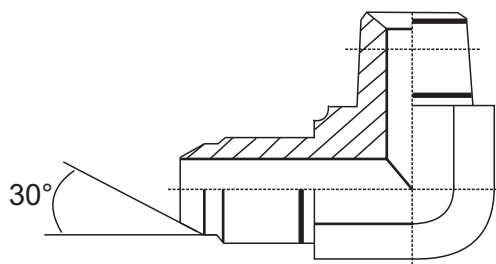
KOMATSU MALE - BSPT MALE ADAPTOR

ITEMS	DESCRIPTION	METRIC THREAD	BSPT THREAD
AD30-1404	14X1.5 KOMATSU - 1/4 BSPT MALE	14X1.5	1/4 BSPT
AD30-1806	18X1.5 KOMATSU - 3/8 BSPT MALE	18X1.5	3/8 BSPT
AD30-2208	22X1.5 KOMATSU - 1/2 BSPT MALE	22X1.5	1/2 BSPT
AD30-2408	24X1.5 KOMATSU - 1/2 BSPT MALE	24X1.5	1/2 BSPT
AD30-3012	30X1.5 KOMATSU - 3/4 BSPT MALE	30X1.5	3/4 BSPT



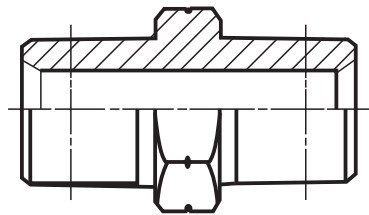
KOMATSU MALE - BSPT MALE ADAPTOR 90°

ITEMS	DESCRIPTION	METRIC THREAD	BSPT THREAD
AD30-1402-90°	14X1.5 KOMATSU - 1/8 BSPT MALE 90°	14X1.5	1/8 BSPT



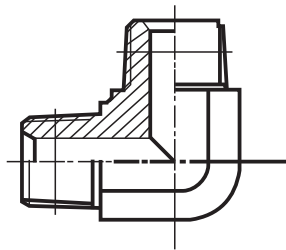
NPT MALE - NPT MALE ADAPTORS

ITEMS	DESCRIPTION	NPT THREAD	NPT THREAD
AD31-02	1/8 NPT MALE - 1/8 NPT MALE	1/8 NPT	1/8 NPT
AD31-0204	1/8 NPT MALE - 1/4 NPT MALE	1/8 NPT	1/4 NPT
AD31-0206	1/8 NPT MALE - 3/8 NPT MALE	1/8 NPT	3/8 NPT
AD31-04	1/4 NPT MALE - 1/4 NPT MALE	1/4 NPT	1/4 NPT
AD31-0406	1/4 NPT MALE - 3/8 NPT MALE	1/4 NPT	3/8 NPT
AD31-0408	1/4 NPT MALE - 1/2 NPT MALE	1/4 NPT	1/2 NPT
AD31-06	3/8 NPT MALE - 3/8 NPT MALE	3/8 NPT	3/8 NPT
AD31-0608	3/8 NPT MALE - 1/2 NPT MALE	3/8 NPT	1/2 NPT
AD31-0612	3/8 NPT MALE - 3/4 NPT MALE	3/8 NPT	3/4 NPT
AD31-08	1/2 NPT MALE - 1/2 NPT MALE	1/2 NPT	1/2 NPT
AD31-0812	1/2 NPT MALE - 3/4 NPT MALE	1/2 NPT	3/4 NPT
AD31-0816	1/2 NPT MALE - 1" NPT MALE	1/2 NPT	1" NPT
AD31-12	3/4 NPT MALE - 3/4 NPT MALE	3/4 NPT	3/4 NPT
AD31-1216	3/4 NPT MALE - 1" NPT MALE	3/4 NPT	1" NPT
AD31-1220	3/4 NPT MALE - 1 1/4 NPT MALE	3/4 NPT	1 1/4 NPT
AD31-16	1" NPT MALE - 1" NPT MALE	1" NPT	1" NPT
AD31-1620	1" NPT MALE - 1 1/4 NPT MALE	1" NPT	1 1/4 NPT
AD31-1624	1" NPT MALE - 1 1/2 NPT MALE	1" NPT	1 1/2 NPT
AD31-20	1 1/4 NPT MALE - 1 1/4 NPT MALE	1 1/4 NPT	1 1/4 NPT
AD31-2024	1 1/4 NPT MALE - 1 1/2 NPT MALE	1 1/4 NPT	1 1/2 NPT
AD31-24	1 1/2 NPT MALE - 1 1/2 NPT MALE	1 1/2 NPT	1 1/2 NPT
AD31-2432	1 1/2 NPT MALE - 2" NPT MALE	1 1/2 NPT	2" NPT
AD31-32	2" NPT MALE - 2" NPT MALE	2" NPT	2" NPT



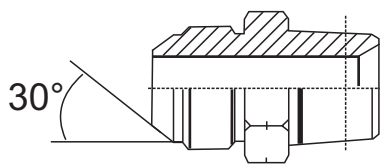
NPT MALE - NPT MALE ADAPTOR 90°

ITEMS	DESCRIPTION	NPT THREAD	NPT THREAD
AD32-02	1/8 NPT MALE - 1/8 NPT MALE 90°	1/8 NPT	1/8 NPT
AD32-0204	1/8 NPT MALE - 1/4 NPT MALE 90°	1/8 NPT	1/4 NPT
AD32-04	1/4 NPT MALE - 1/4 NPT MALE 90°	1/4 NPT	1/4 NPT
AD32-06	3/8 NPT MALE - 3/8 NPT MALE 90°	3/8 NPT	3/8 NPT
AD32-08	1/2 NPT MALE - 1/2 NPT MALE 90°	1/2 NPT	1/2 NPT
AD32-12	3/4 NPT MALE - 3/4 NPT MALE 90°	3/4 NPT	3/4 NPT
AD32-16	1" NPT MALE - 1" NPT MALE 90°	1" NPT	1" NPT
AD32-20	1 1/4 NPT MALE - 1 1/4 NPT MALE 90°	1 1/4 NPT	1 1/4 NPT
AD32-24	1 1/2 NPT MALE - 1 1/2 NPT MALE 90°	1 1/2 NPT	1 1/2 NPT
AD32-32	2" NPT MALE - 2" NPT MALE 90°	2" NPT	2" NPT



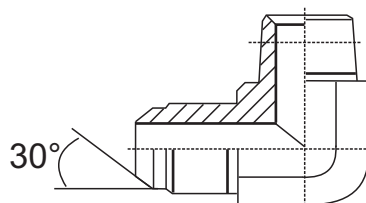
JIS MALE - BSPT MALE ADAPTOR

ITEMS	DESCRIPTION	JIS THREAD	BSPT THREAD
AD33-0404	1/4 JIS MALE - 1/4 BSPT MALE	1/4 JIS	1/4 BSPT
AD33-0606	3/8 JIS MALE - 3/8 BSPT MALE	3/8 JIS	3/8 BSPT
AD33-0808	1/2 JIS MALE - 1/2 BSPT MALE	1/2 JIS	1/2 BSPT
AD33-1212	3/4 JIS MALE - 3/4 BSPT MALE	3/4 JIS	3/4 BSPT



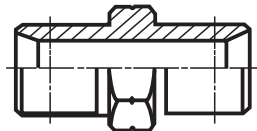
JIS MALE - BSPT MALE ADAPTOR 90°

ITEMS	DESCRIPTION	JIS THREAD	BSPT THREAD
AD34-0404	1/4 JIS MALE - 1/4 BSPT MALE 90°	1/4 JIS	1/4 BSPT
AD34-0606	3/8 JIS MALE - 3/8 BSPT MALE 90°	3/8 JIS	3/8 BSPT
AD34-0808	1/2 JIS MALE - 1/2 BSPT MALE 90°	1/2 JIS	1/2 BSPT
AD34-1212	3/4 JIS MALE - 3/4 BSPT MALE 90°	3/4 JIS	3/4 BSPT



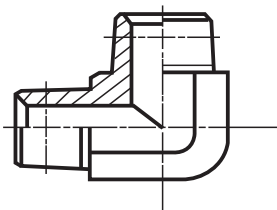
BSPT MALE - BSPT MALE ADAPTOR

ITEMS	DESCRIPTION	BSPT THREAD	BSPT THREAD
AD35-02	1/8 BSPT MALE - 1/8 BSPT MALE	1/8 BSPT	1/8 BSPT
AD35-0204	1/8 BSPT MALE - 1/4 BSPT MALE	1/8 BSPT	1/4 BSPT
AD35-0206	1/8 BSPT MALE - 3/8 BSPT MALE	1/8 BSPT	3/8 BSPT
AD35-04	1/4 BSPT MALE - 1/4 BSPT MALE	1/4 BSPT	1/4 BSPT
AD35-0406	1/4 BSPT MALE - 3/8 BSPT MALE	1/4 BSPT	3/8 BSPT
AD35-0408	1/4 BSPT MALE - 1/2 BSPT MALE	1/4 BSPT	1/2 BSPT
AD35-06	3/8 BSPT MALE - 3/8 BSPT MALE	3/8 BSPT	3/8 BSPT
AD35-0608	3/8 BSPT MALE - 1/2 BSPT MALE	3/8 BSPT	1/2 BSPT
AD35-0612	3/8 BSPT MALE - 3/4 BSPT MALE	3/8 BSPT	3/4 BSPT
AD35-08	1/2 BSPT MALE - 1/2 BSPT MALE	1/2 BSPT	1/2 BSPT
AD35-0812	1/2 BSPT MALE - 3/4 BSPT MALE	1/2 BSPT	3/4 BSPT
AD35-0816	1/2 BSPT MALE - 1" BSPT MALE	1/2 BSPT	1" BSPT
AD35-12	3/4 BSPT MALE - 3/4 BSPT MALE	3/4 BSPT	3/4 BSPT
AD35-1216	3/4 BSPT MALE - 1" BSPT MALE	3/4 BSPT	1" BSPT
AD35-1220	3/4 BSPT MALE - 1 1/4 BSPT MALE	3/4 BSPT	1 1/4 BSPT
AD35-16	1" BSPT MALE - 1" BSPT MALE	1" BSPT	1" BSPT
AD35-1620	1" BSPT MALE - 1 1/4 BSPT MALE	1" BSPT	1 1/4 BSPT
AD35-20	1 1/4 BSPT MALE - 1 1/4 BSPT MALE	1 1/4 BSPT	1 1/4 BSPT
AD35-2024	1 1/4 BSPT MALE - 1 1/2 BSPT MALE	1 1/4 BSPT	1 1/2 BSPT
AD35-24	1 1/2 BSPT MALE - 1 1/2 BSPT MALE	1 1/2 BSPT	1 1/2 BSPT
AD35-2432	1 1/2 BSPT MALE - 2" BSPT MALE	1 1/2 BSPT	2" BSPT
AD35-32	2" BSPT MALE - 2" BSPT MALE	2" BSPT	2" BSPT



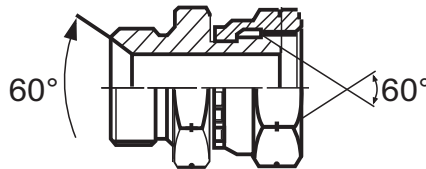
BSPT MALE - BSPT MALE ADAPTOR 90°

ITEMS	DESCRIPTION	BSPT THREAD	BSPT THREAD
AD36-02	1/8 BSPT MALE - 1/8 BSPT MALE 90°	1/8 BSPT	1/8 BSPT
AD36-0204	1/8 BSPT MALE - 1/4 BSPT MALE 90°	1/8 BSPT	1/4 BSPT
AD36-04	1/4 BSPT MALE - 1/4 BSPT MALE 90°	1/4 BSPT	1/4 BSPT
AD36-06	3/8 BSPT MALE - 3/8 BSPT MALE 90°	3/8 BSPT	3/8 BSPT
AD36-0608	3/8 BSPT MALE - 1/2 BSPT MALE 90°	3/8 BSPT	1/2 BSPT
AD36-08	1/2 BSPT MALE - 1/2 BSPT MALE 90°	1/2 BSPT	1/2 BSPT
AD35-0812	1/2 BSPT MALE - 3/4 BSPT MALE 90°	1/2 BSPT	3/4 BSPT
AD35-12	3/4 BSPT MALE - 3/4 BSPT MALE 90°	3/4 BSPT	3/4 BSPT
AD35-16	1" BSPT MALE - 1" BSPT MALE 90°	1" BSPT	1" BSPT



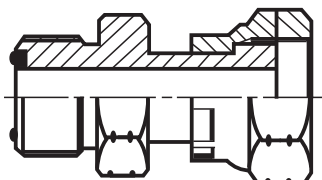
BSP MALE - BSP FEMALE SWIVEL ADAPTOR

ITEMS	DESCRIPTION	BSP MALE	BSP FEMALE
AD37-0204	1/8 BSP MALE - 1/4 BSP FEMALE	1/8 BSP	1/4 BSP
AD37-04	1/4 BSP MALE - 1/4 BSP FEMALE	1/4 BSP	1/4 BSP
AD37-0406	1/4 BSP MALE - 3/8 BSP FEMALE	1/4 BSP	3/8 BSP
AD37-06	3/8 BSP MALE - 3/8 BSP FEMALE	3/8 BSP	3/8 BSP
AD37-0608	3/8 BSP MALE - 1/2 BSP FEMALE	3/8 BSP	1/2 BSP
AD37-0806	1/2 BSP MALE - 3/8 BSP FEMALE	1/2 BSP	3/8 BSP
AD37-08	1/2 BSP MALE - 1/2 BSP FEMALE	1/2 BSP	1/2 BSP
AD37-0812	1/2 BSP MALE - 3/4 BSP FEMALE	1/2 BSP	3/4 BSP
AD37-12	3/4 BSP MALE - 3/4 BSP FEMALE	3/4 BSP	3/4 BSP
AD37-1216	3/4 BSP MALE - 1" BSP FEMALE	3/4 BSP	1" BSP
AD37-16	1" BSP MALE - 1" BSP FEMALE	1" BSP	1" BSP



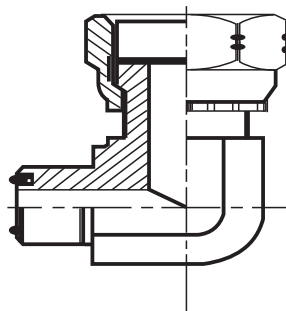
ORFS MALE - ORFS FEMALE SWIVEL ADAPTOR

ITEMS	DESCRIPTION	ORFS MALE	ORFS FEMALE
AD38-0406	9/16 ORFS MALE - 11/16 ORFS FEMALE	9/16-18	11/16-16
AD38-0408	9/16 ORFS MALE - 13/16 ORFS FEMALE	9/16-18	13/16-16
AD38-0604	11/16 ORFS MALE - 9/16 ORFS FEMALE	11/16-16	9/16-18
AD38-0608	11/16 ORFS MALE - 13/16 ORFS FEMALE	11/16-16	13/16-16
AD38-0610	11/16 ORFS MALE - 1" ORFS FEMALE	11/16-16	1-14
AD38-0806	13/16 ORFS MALE - 11/16 ORFS FEMALE	13/16-16	11/16-16
AD38-0810	13/16 ORFS MALE - 1" ORFS FEMALE	13/16-16	1-14
AD38-0812	13/16 ORFS MALE - 1 3/16 ORFS FEMALE	13/16-16	1 3/16-12
AD38-0816	13/16 ORFS MALE - 1 7/16 ORFS FEMALE	13/16-16	1 7/16-12
AD38-1008	1" ORFS MALE - 13/16 ORFS FEMALE	1-14	13/16-16
AD38-1012	1" ORFS MALE - 1 3/16 ORFS FEMALE	1-14	1 3/16-12
AD38-1016	1" ORFS MALE - 1 7/16 ORFS FEMALE	1-14	1 7/16-12
AD38-1208	1 3/16 ORFS MALE - 13/16 ORFS FEMALE	1 3/16-12	13/16-16
AD38-1210	1 3/16 ORFS MALE - 1" ORFS FEMALE	1 3/16-12	1-14
AD38-1216	1 3/16 ORFS MALE - 1 7/16 ORFS FEMALE	1 3/16-12	1 7/16-12
AD38-1612	1 7/16 ORFS MALE - 1 3/16 ORFS FEMALE	1 7/16-12	1 3/16-12
AD38-1620	1 7/16 ORFS MALE - 1 11/16 ORFS FEMALE	1 7/16-12	1 11/16-12
AD38-2024	1 11/16 ORFS MALE - 2" ORFS FEMALE	1 11/16-12	2-12



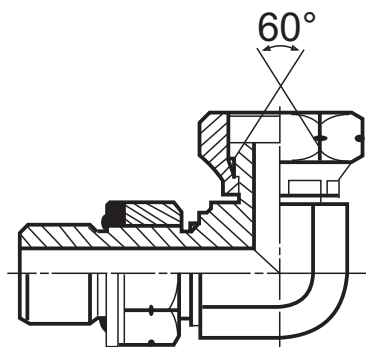
ORFS MALE - ORFS FEMALE ADAPTOR 90°

ITEMS	DESCRIPTION	ORFS MALE	ORFS FEMALE
AD39-04	9/16 ORFS MALE - 9/16 ORFS FEMALE 90°	9/16-18	9/16-18
AD39-06	11/16 ORFS MALE - 11/16 ORFS FEMALE 90°	11/16-16	11/16-16
AD39-08	13/16 ORFS MALE - 13/16 ORFS FEMALE 90°	13/16-16	13/16-16
AD39-10	1" ORFS MALE - 1" ORFS FEMALE 90°	1-14	1-14
AD39-12	1 3/16 ORFS MALE - 1 3/16 ORFS FEMALE 90°	1 3/16-12	1 3/16-12
AD39-16	1 7/16 ORFS MALE - 1 7/16 ORFS FEMALE 90°	1 7/16-12	1 7/16-12
AD39-20	1 11/16 ORFS MALE - 1 11/16 ORFS FEMALE 90°	1 11/16-12	1 11/16-12
AD39-24	2" ORFS MALE - 2" ORFS FEMALE 90°	2-12	2-12



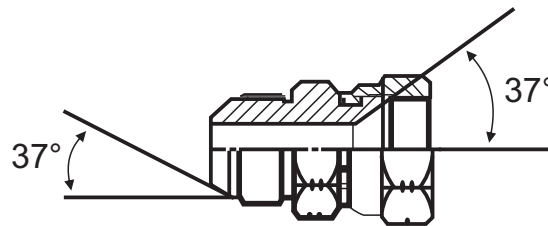
BSP MALE - BSP FEMALE SWIVEL ADAPTOR 90°

ITEMS	DESCRIPTION	BSP MALE	BSP FEMALE
AD40-04	1/4 BSP MALE - 1/4 BSP FEMALE 90°	1/4 BSP	1/4 BSP
AD40-06	3/8 BSP MALE - 3/8 BSP FEMALE 90°	3/8 BSP	3/8 BSP
AD40-08	1/2 BSP MALE - 1/2 BSP FEMALE 90°	1/2 BSP	1/2 BSP
AD40-12	3/4 BSP MALE - 3/4 BSP FEMALE 90°	3/4 BSP	3/4 BSP



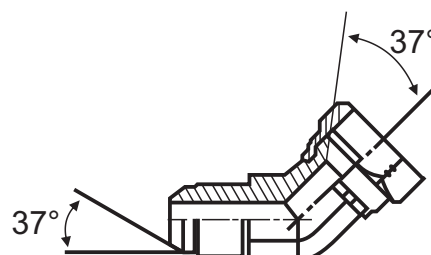
JIC MALE - JIC FEMALE SWIVEL ADAPTOR

ITEMS	DESCRIPTION	JIC MALE	JIC FEMALE
AD41-04	7/16 JIC MALE - 7/16 JIC FEMALE	7/16-20	7/16-20
AD41-0406	7/16 JIC MALE - 9/16 JIC FEMALE	7/16-20	9/16-18
AD41-0408	7/16 JIC MALE - 3/4 JIC FEMALE	7/16-20	3/4-16
AD41-06	9/16 JIC MALE - 9/16 JIC FEMALE	9/16-18	9/16-18
AD41-0608	9/16 JIC MALE - 3/4 JIC FEMALE	9/16-18	3/4-16
AD41-0610	9/16 JIC MALE - 7/8 JIC FEMALE	9/16-18	7/8-14
AD41-08	3/4 JIC MALE - 3/4 JIC FEMALE	3/4-16	3/4-16
AD41-0806	3/4 JIC MALE - 9/16 JIC FEMALE	3/4-16	9/16-18
AD41-0810	3/4 JIC MALE - 7/8 JIC FEMALE	3/4-16	7/8-14
AD41-0812	3/4 JIC MALE - 1 1/16 JIC FEMALE	3/4-16	1 1/16-12
AD41-1012	7/8 JIC MALE - 1 1/16 JIC FEMALE	7/8-14	1 1/16-12
AD41-1208	1 1/16 JIC MALE - 3/4 JIC FEMALE	1 1/16-12	3/4-16
AD41-12	1 1/16 JIC MALE - 1 1/16 JIC FEMALE	1 1/16-12	1 1/16-12
AD41-1216	1 1/16 JIC MALE - 1 5/16 JIC FEMALE	1 1/16-12	1 5/16-12
AD41-16	1 5/16 JIC MALE - 1 5/16 JIC FEMALE	1 5/16-12	1 5/16-12



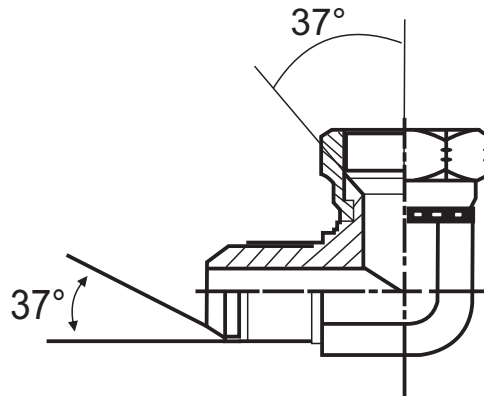
JIC MALE - JIC FEMALE SWIVEL ADAPTOR 45°

ITEMS	DESCRIPTION	JIC MALE	JIC FEMALE
AD42-04	7/16 JIC MALE - 7/16 JIC FEMALE 45°	7/16-20	7/16-20
AD42-05	1/2 JIC MALE - 1/2 JIC FEMALE 45°	1/2-20	1/2-20
AD42-06	9/16 JIC MALE - 9/16 JIC FEMALE 45°	9/16-18	9/16-18
AD42-08	3/4 JIC MALE - 3/4 JIC FEMALE 45°	3/4-16	3/4-16
AD42-10	7/8 JIC MALE - 7/8 JIC FEMALE 45°	7/8-14	7/8-14
AD42-12	1 1/16 JIC MALE - 1 1/16 JIC FEMALE 45°	1 1/16-12	1 1/16-12
AD42-16	1 5/16 JIC MALE - 1 5/16 JIC FEMALE 45°	1 5/16-12	1 5/16-12
AD42-20	1 5/8 JIC MALE - 1 5/8 JIC FEMALE 45°	1 5/8-12	1 5/8-12
AD42-24	1 7/8 JIC MALE - 1 7/8 JIC FEMALE 45°	1 7/8-12	1 7/8-12
AD42-32	2 1/2 JIC MALE - 2 1/2 JIC FEMALE 45°	2 1/2-12	2 1/2-12



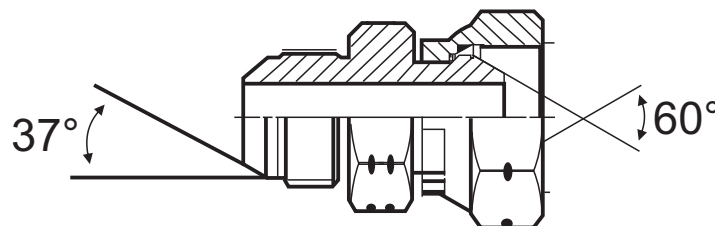
JIC MALE - JIC FEMALE SWIVEL ADAPTOR 90°

ITEMS	DESCRIPTION	JIC MALE	JIC FEMALE
AD43-04	7/16 JIC MALE - 7/16 JIC FEMALE 90°	7/16-20	7/16-20
AD43-05	1/2 JIC MALE - 1/2 JIC FEMALE 90°	1/2-20	1/2-20
AD43-06	9/16 JIC MALE - 9/16 JIC FEMALE 90°	9/16-18	9/16-18
AD43-08	3/4 JIC MALE - 3/4 JIC FEMALE 90°	3/4-16	3/4-16
AD43-10	7/8 JIC MALE - 7/8 JIC FEMALE 90°	7/8-14	7/8-14
AD43-12	1 1/16 JIC MALE - 1 1/16 JIC FEMALE 90°	1 1/16-12	1 1/16-12
AD43-16	1 5/16 JIC MALE - 1 5/16 JIC FEMALE 90°	1 5/16-12	1 5/16-12
AD43-20	1 5/8 JIC MALE - 1 5/8 JIC FEMALE 90°	1 5/8-12	1 5/8-12
AD43-24	1 7/8 JIC MALE - 1 7/8 JIC FEMALE 90°	1 7/8-12	1 7/8-12
AD43-32	2 1/2 JIC MALE - 2 1/2 JIC FEMALE 90	2 1/2-12	2 1/2-12



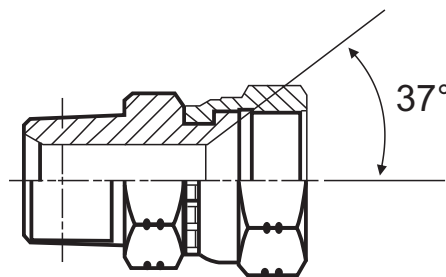
JIC MALE - BSP FEMALE SWIVEL ADAPTORS

ITEMS	DESCRIPTION	JIC MALE	BSP FEMALE
AD44-0606	9/16 JIC MALE - 3/8 BSP FEMALE	9/16-18	3/8 BSP
AD44-0808	3/4 JIC MALE - 1/2 BSP FEMALE	3/4-16	1/2 BSP
AD44-1212	1 1/16 JIC MALE - 3/4 BSP FEMALE	1 1/16-12	3/4 BSP
AD44-1616	1 5/16 JIC MALE - 1" BSP FEMALE	1 5/16-12	1" BSP



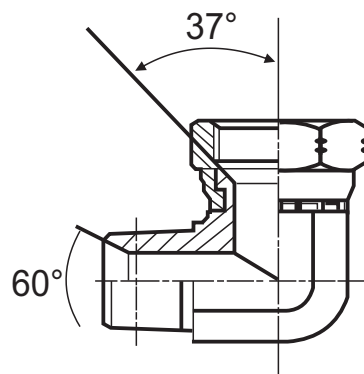
NPT MALE - JIC FEMALE SWIVEL ADAPTOR

ITEMS	DESCRIPTION	NPT MALE	JIC FEMALE
AD45-0404	1/4 NPT MALE - 7/16 JIC FEMALE	1/4 NPT	7/16-20
AD45-0405	1/4 NPT MALE - 1/2 JIC FEMALE	1/4 NPT	1/2-20
AD45-0406	1/4 NPT MALE - 9/16 JIC FEMALE	1/4 NPT	9/16-18
AD45-0606	3/8 NPT MALE - 9/16 JIC FEMALE	3/8 NPT	9/16-18
AD45-0608	3/8 NPT MALE - 3/4 JIC FEMALE	3/8 NPT	3/4-16
AD45-0610	3/8 NPT MALE - 7/8 JIC FEMALE	3/8 NPT	7/8-14
AD45-0806	1/2 NPT MALE - 9/16 JIC FEMALE	1/2 NPT	9/16-18
AD45-0808	1/2 NPT MALE - 3/4 JIC FEMALE	1/2 NPT	3/4-16
AD45-0810	1/2 NPT MALE - 7/8 JIC FEMALE	1/2 NPT	7/8-14
AD45-0812	1/2 NPT MALE - 1 1/16 JIC FEMALE	1/2 NPT	1 1/16-12
AD45-1212	3/4 NPT MALE - 1 1/16 JIC FEMALE	3/4 NPT	1 1/16-12
AD45-1616	1" NPT MALE - 1 5/16 JIC FEMALE	1" NPT	1 5/16-12
AD45-2020	1 1/4 NPT MALE - 1 5/8 JIC FEMALE	1 1/4 NPT	1 5/8-12
AD45-2424	1 1/2 NPT MALE - 1 7/8 JIC FEMALE	1 1/2 NPT	1 7/8-12



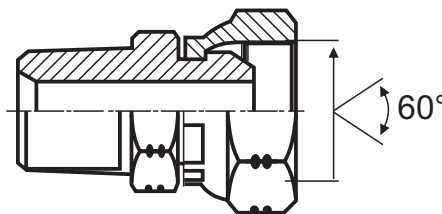
NPT MALE - JIC FEMALE SWIVEL ADAPTOR 90°

ITEMS	DESCRIPTION	NPT MALE	JIC FEMALE
AD46-0606	3/8 NPT MALE - 9/16 JIC FEMALE 90°	3/8 NPT	9/16-18
AD46-0808	1/2 NPT MALE - 3/4 JIC FEMALE 90°	1/2 NPT	3/4-16
AD46-1212	3/4 NPT MALE - 1 1/16 JIC FEMALE 90°	3/4 NPT	1 1/16-12



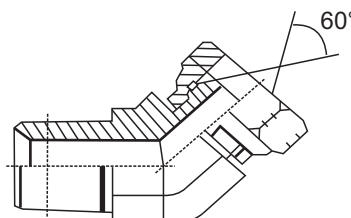
NPT MALE - NPT FEMALE SWIVEL ADAPTOR

ITEMS	DESCRIPTION	NPT MALE	NPT FEMALE
AD47-02	1/8 NPT MALE - 1/8 NPT FEMALE	1/8 NPT	1/8 NPT
AD47-0204	1/8 NPT MALE - 1/4 NPT FEMALE	1/8 NPT	1/4 NPT
AD47-04	1/4 NPT MALE - 1/4 NPT FEMALE	1/4 NPT	1/4 NPT
AD47-0406	1/4 NPT MALE - 3/8 NPT FEMALE	1/4 NPT	3/8 NPT
AD47-0408	1/4 NPT MALE - 1/2 NPT FEMALE	1/4 NPT	1/2 NPT
AD47-0604	3/8 NPT MALE - 1/4 NPT FEMALE	3/8 NPT	1/4 NPT
AD47-06	3/8 NPT MALE - 3/8 NPT FEMALE	3/8 NPT	3/8 NPT
AD47-0608	3/8 NPT MALE - 1/2 NPT FEMALE	3/8 NPT	1/2 NPT
AD47-0806	1/2 NPT MALE - 3/8 NPT FEMALE	1/2 NPT	3/8 NPT
AD47-0812	1/2 NPT MALE - 3/4 NPT FEMALE	1/2 NPT	3/4 NPT
AD47-08	1/2 NPT MALE - 1/2 NPT FEMALE	1/2 NPT	1/2 NPT
AD47-1208	3/4 NPT MALE - 1/2 NPT FEMALE	3/4 NPT	1/2 NPT
AD47-12	3/4 NPT MALE - 3/4 NPT FEMALE	3/4 NPT	3/4 NPT
AD47-1216	3/4 NPT MALE - 1" NPT FEMALE	3/4 NPT	1" NPT
AD47-1612	1" NPT MALE - 3/4 NPT FEMALE	1" NPT	3/4 NPT
AD47-16	1" NPT MALE - 1" NPT FEMALE	1" NPT	1" NPT
AD47-20	1 1/4 NPT MALE - 1 1/4 NPT FEMALE	1 1/4 NPT	1 1/4 NPT
AD47-24	1 1/2 NPT MALE - 1 1/2 NPT FEMALE	1 1/2 NPT	1 1/2 NPT
AD47-32	2" NPT MALE - 2" NPT FEMALE	2" NPT	2" NPT



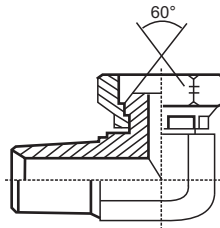
NPT MALE - NPT FEMALE ADAPTOR 45°

ITEMS	DESCRIPTION	NPT MALE	NPT FEMALE
AD48-02	1/8 NPT MALE - 1/8 NPT FEMALE 45°	1/8 NPT	1/8 NPT
AD48-04	1/4 NPT MALE - 1/4 NPT FEMALE 45°	1/4 NPT	1/4 NPT
AD48-06	3/8 NPT MALE - 3/8 NPT FEMALE 45°	3/8 NPT	3/8 NPT
AD48-08	1/2 NPT MALE - 1/2 NPT FEMALE 45°	1/2 NPT	1/2 NPT
AD48-12	3/4 NPT MALE - 3/4 NPT FEMALE 45°	3/4 NPT	3/4 NPT
AD48-16	1" NPT MALE - 1" NPT FEMALE 45°	1" NPT	1" NPT
AD48-20	1 1/4 NPT MALE - 1 1/4 NPT FEMALE 45°	1 1/4 NPT	1 1/4 NPT



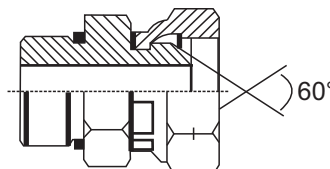
NPT MALE - NPT FEMALE SWIVEL ADAPTOR 90°

ITEMS	DESCRIPTION	NPT MALE	NPT FEMALE
AD49-02	1/8 NPT MALE - 1/8 NPT FEMALE 90°	1/8 NPT	1/8 NPT
AD49-04	1/4 NPT MALE - 1/4 NPT FEMALE 90°	1/4 NPT	1/4 NPT
AD49-0406	1/4 NPT MALE - 3/8 NPT FEMALE 90°	1/4 NPT	3/8 NPT
AD49-0604	3/8 NPT MALE - 1/4 NPT FEMALE 90°	3/8 NPT	1/4 NPT
AD49-06	3/8 NPT MALE - 3/8 NPT FEMALE 90°	3/8 NPT	3/8 NPT
AD49-0608	3/8 NPT MALE - 1/2 NPT FEMALE 90°	3/8 NPT	1/2 NPT
AD49-0806	1/2 NPT MALE - 3/8 NPT FEMALE 90°	1/2 NPT	3/8 NPT
AD49-08	1/2 NPT MALE - 1/2 NPT FEMALE 90°	1/2 NPT	1/2 NPT
AD49-0812	1/2 NPT MALE - 3/4 NPT FEMALE 90°	1/2 NPT	3/4 NPT
AD49-1208	3/4 NPT MALE - 1/2 NPT FEMALE 90°	3/4 NPT	1/2 NPT
AD49-12	3/4 NPT MALE - 3/4 NPT FEMALE 90°	3/4 NPT	3/4 NPT
AD49-16	1" NPT MALE - 1" NPT FEMALE 90°	1" NPT	1" NPT
AD49-20	1 1/4 NPT MALE - 1 1/4 NPT FEMALE 90°	1 1/4 NPT	1 1/4 NPT
AD49-24	1 1/2 NPT MALE - 1 1/2 NPT FEMALE 90°	1 1/2 NPT	1 1/2 NPT
AD49-32	2" NPT MALE - 2" NPT FEMALE 90°	2" NPT	2" NPT



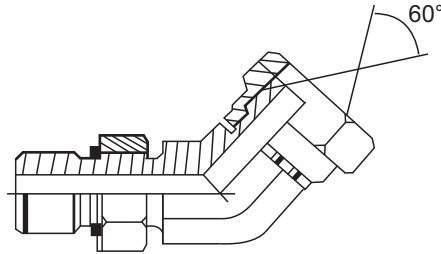
SAE MALE - BSP FEMALE SWIVEL ADAPTOR

ITEMS	DESCRIPTION	SAE MALE	BSP FEMALE
AD50-0404	7/16 SAE MALE - 1/4 BSP FEMALE	7/16-20	1/4 BSP
AD50-0406	7/16 SAE MALE - 3/8 BSP FEMALE	7/16-20	3/8 BSP
AD50-0604	9/16 SAE MALE - 1/4 BSP FEMALE	9/16-18	1/4 BSP
AD50-0606	9/16 SAE MALE - 3/8 BSP FEMALE	9/16-18	3/8 BSP
AD50-0608	9/16 SAE MALE - 1/2 BSP FEMALE	9/16-18	1/2 BSP
AD50-0806	3/4 SAE MALE - 3/8 BSP FEMALE	3/4-16	3/8 BSP
AD50-0808	3/4 SAE MALE - 1/2 BSP FEMALE	3/4-16	1/2 BSP
AD50-0812	3/4 SAE MALE - 3/4 BSP FEMALE	3/4-16	3/4 BSP
AD50-1008	7/8 SAE MALE - 1/2 BSP FEMALE	7/8-14	1/2 BSP
AD50-1012	7/8 SAE MALE - 3/4 BSP FEMALE	7/8-14	3/4 BSP
AD50-1208	1 1/16 SAE MALE - 1/2 BSP FEMALE	1 1/16-12	1/2 BSP
AD50-1212	1 1/16 SAE MALE - 3/4 BSP FEMALE	1 1/16-12	3/4 BSP
AD50-1216	1 1/16 SAE MALE - 1" BSP FEMALE	1 1/16-12	1" BSP
AD50-1612	1 5/16 SAE MALE - 3/4 BSP FEMALE	1 5/16-12	3/4 BSP
AD50-1616	1 5/16 SAE MALE - 1" BSP FEMALE	1 5/16-12	1" BSP



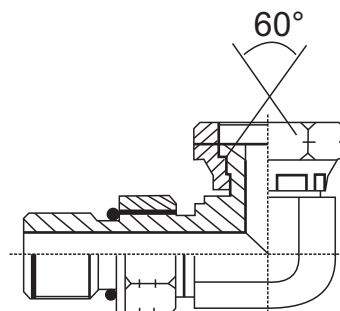
SAE MALE - BSP FEMALE SWIVEL ADAPTOR 45°

ITEMS	DESCRIPTION	SAE MALE	BSP FEMALE
AD51-0606	9/16 SAE MALE - 3/8 BSP FEMALE 45°	9/16-18	3/8 BSP
AD51-0806	3/4-16 SAE MALE - 3/8 BSP FEMALE 45°	3/4-16	3/8 BSP



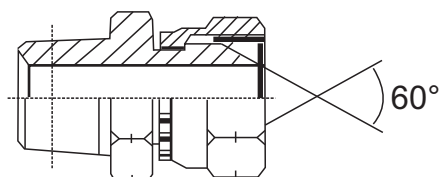
SAE MALE - BSP FEMALE SWIVEL ADAPTOR 90°

ITEMS	DESCRIPTION	SAE MALE	BSP FEMALE
AD52-0404	7/16 SAE MALE - 1/4 BSP FEMALE 90°	7/16-20	1/4 BSP
AD52-0604	9/16 SAE MALE - 1/4 BSP FEMALE 90°	9/16-18	1/4 BSP
AD52-0606	9/16 SAE MALE - 3/8 BSP FEMALE 90°	9/16-18	3/8 BSP
AD52-0806	3/4 SAE MALE - 3/8 BSP FEMALE 90°	3/4-16	3/8 BSP
AD52-0808	3/4 SAE MALE - 1/2 BSP FEMALE 90°	3/4-16	1/2 BSP
AD52-0812	3/4 SAE MALE - 3/4 BSP FEMALE 90°	3/4-16	3/4 BSP
AD52-1008	7/8 SAE MALE - 1/2 BSP FEMALE 90°	7/8-14	1/2 BSP
AD52-1208	1 1/16 SAE MALE - 1/2 BSP FEMALE 90°	1 1/16-12	1/2 BSP
AD52-1212	1 1/16 SAE MALE - 3/4 BSP FEMALE 90°	1 1/16-12	3/4 BSP
AD52-1616	1 5/16 SAE MALE - 1" BSP FEMALE 90°	1 5/16-12	1" BSP



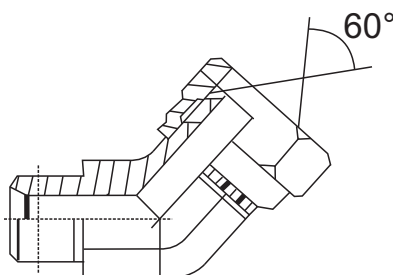
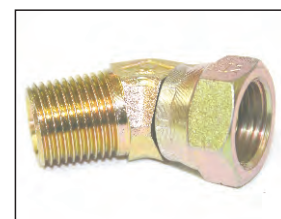
BSPT MALE - BSP FEMALE SWIVEL ADAPTOR

ITEMS	DESCRIPTION	BSPT MALE	BSP FEMALE
AD53-02	1/8 BSPT MALE - 1/8 BSP FEMALE	1/8 BSPT	1/8 BSP
AD53-0204	1/8 BSPT MALE - 1/4 BSP FEMALE	1/8 BSPT	1/4 BSP
AD53-04	1/4 BSPT MALE - 1/4 BSP FEMALE	1/4 BSPT	1/4 BSP
AD53-0406	1/4 BSPT MALE - 3/8 BSP FEMALE	1/4 BSPT	3/8 BSP
AD53-0604	3/8 BSPT MALE - 1/4 BSP FEMALE	3/8 BSPT	1/4 BSP
AD53-06	3/8 BSPT MALE - 3/8 BSP FEMALE	3/8 BSPT	3/8 BSP
AD53-0608	3/8 BSPT MALE - 1/2 BSP FEMALE	3/8 BSPT	1/2 BSP
AD53-0806	1/2 BSPT MALE - 3/8 BSP FEMALE	1/2 BSPT	3/8 BSP
AD53-08	1/2 BSPT MALE - 1/2 BSP FEMALE	1/2 BSPT	1/2 BSP
AD53-0812	1/2 BSPT MALE - 3/4 BSP FEMALE	1/2 BSPT	3/4 BSP
AD53-12	3/4 BSPT MALE - 3/4 BSP FEMALE	3/4 BSPT	3/4 BSP
AD53-1216	3/4 BSPT MALE - 1" BSP FEMALE	3/4 BSPT	1" BSP
AD53-16	1" BSPT MALE - 1" BSP FEMALE	1" BSPT	1" BSP
AD53-20	1 1/4 BSPT MALE - 1 1/4 BSP FEMALE	1 1/4 BSPT	1 1/4 BSP



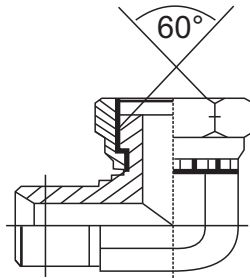
BSPT MALE - BSP FEMALE SWIVEL ADAPTOR 45°

ITEMS	DESCRIPTION	BSPT MALE	BSP FEMALE
AD54-04	1/4 BSPT MALE - 1/4 BSP FEMALE 45°	1/4 BSPT	1/4 BSP
AD54-06	3/8 BSPT MALE - 3/8 BSP FEMALE 45°	3/8 BSPT	3/8 BSP
AD54-08	1/2 BSPT MALE - 1/2 BSP FEMALE 45°	1/2 BSPT	1/2 BSP
AD54-12	3/4 BSPT MALE - 3/4 BSP FEMALE 45°	3/4 BSPT	3/4 BSP
AD54-16	1" BSPT MALE - 1" BSP FEMALE 45°	1" BSPT	1" BSP



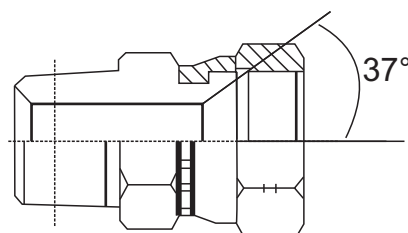
BSPT MALE - BSP FEMALE SWIVEL ADAPTOR 90°

ITEMS	DESCRIPTION	BSPT MALE	BSP FEMALE
AD55-02	1/8 BSPT MALE - 1/8 BSP FEMALE 90°	1/8 BSPT	1/8 BSP
AD55-04	1/4 BSPT MALE - 1/4 BSP FEMALE 90°	1/4 BSPT	1/4 BSP
AD55-0406	1/4 BSPT MALE - 3/8 BSP FEMALE 90°	1/4 BSPT	3/8 BSP
AD55-0604	3/8 BSPT MALE - 1/4 BSP FEMALE 90°	3/8 BSPT	1/4 BSP
AD55-06	3/8 BSPT MALE - 3/8 BSP FEMALE 90°	3/8 BSPT	3/8 BSP
AD55-0608	3/8 BSPT MALE - 1/2 BSP FEMALE 90°	3/8 BSPT	1/2 BSP
AD55-08	1/2 BSPT MALE - 1/2 BSP FEMALE 90°	1/2 BSPT	1/2 BSP
AD55-0812	1/2 BSPT MALE - 3/4 BSP FEMALE 90°	1/2 BSPT	3/4 BSP
AD55-12	3/4 BSPT MALE - 3/4 BSP FEMALE 90°	3/4 BSPT	3/4 BSP
AD55-1208	3/4 BSPT MALE - 1/2 BSP FEMALE 90°	3/4 BSPT	1/2 BSP
AD55-16	1" BSPT MALE - 1" BSP FEMALE 90°	1" BSPT	1" BSP
AD55-20	1 1/4 BSPT MALE - 1 1/4 BSP FEMALE 90°	1 1/4 BSPT	1 1/4 BSP



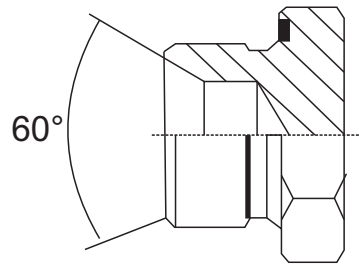
BSPT MALE - JIC FEMALE SWIVEL ADAPTOR

ITEMS	DESCRIPTION	BSPT MALE	JIC FEMALE
AD56-0204	1/8 BSPT MALE - 7/16 JIC FEMALE	1/8 BSPT	7/16-20
AD56-0406	1/4 BSPT MALE - 9/16 JIC FEMALE	1/4 BSPT	9/16-18
AD56-0606	3/8 BSPT MALE - 9/16 JIC FEMALE	3/8 BSPT	9/16-18
AD56-0608	3/8 BSPT MALE - 3/4 JIC FEMALE	3/8 BSPT	3/4-16
AD56-0808	1/2 BSPT MALE - 3/4 JIC FEMALE	1/2 BSPT	3/4-16
AD56-0810	1/2 BSPT MALE - 7/8 JIC FEMALE	1/2 BSPT	7/8-14
AD56-1212	3/4 BSPT MALE - 1 1/6 JIC FEMALE	3/4 BSPT	1 1/16-12
AD56-1616	1" BSPT MALE - 1 5/16 JIC FEMALE	1" BSPT	1 5/16-12
AD56-2020	1 1/4 BSPT MALE - 1 5/8 JIC FEMALE	1 1/4 BSPT	1 5/8-12
AD56-2424	1 1/2 BSPT MALE - 1 7/8 JIC FEMALE	1 1/2 BSPT	1 7/8-12



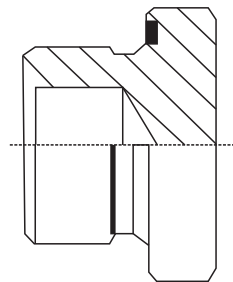
BSP HEX PLUG ED

ITEMS	DESCRIPTION	BSP MALE
AP57-02	1/8 BSP PLUG	1/8 BSP
AP57-04	1/4 BSP PLUG	1/4 BSP
AP57-06	3/8 BSP PLUG	3/8 BSP
AP57-08	1/2 BSP PLUG	1/2 BSP
AP57-12	3/4 BSP PLUG	3/4 BSP
AP57-16	1" BSP PLUG	1" BSP



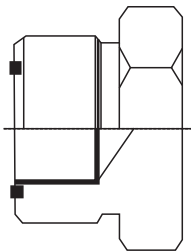
BSP ALLEN KEY PLUG ED

ITEMS	DESCRIPTION	BSP MALE
AP58-02	1/8 BSP ALLEN KEY PLUG	1/8 BSP
AP58-04	1/4 BSP ALLEN KEY PLUG	1/4 BSP
AP58-06	3/8 BSP ALLEN KEY PLUG	3/8 BSP
AP58-08	1/2 BSP ALLEN KEY PLUG	1/2 BSP
AP58-12	3/4 BSP ALLEN KEY PLUG	3/4 BSP
AP58-16	1" BSP ALLAN KEY PLUG	1" BSP
AP58-20	1 1/4 BSP ALLAN KEY PLUG	1 1/4 BSP
AP58-24	1 1/2 BSP ALLAN KEY PLUG	1 1/2 BSP



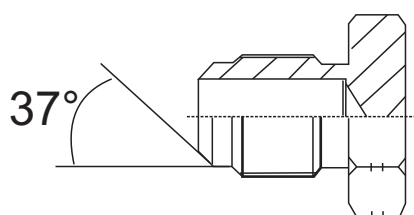
ORFS HEX PLUG

ITEMS	DESCRIPTION	ORFS MALE
AP59-04	9/16 ORFS PLUG	9/16-18
AP59-06	11/16 ORFS PLUG	11/16-16
AP59-08	13/16 ORFS PLUG	13/16-16
AP59-10	1" ORFS PLUG	1-14
AP59-12	1 3/16 ORFS PLUG	1 3/16-12
AP59-16	1 7/16 ORFS PLUG	1 7/16-12
AP59-20	1 11/16 ORFS PLUG	1 11/16-12
AP59-24	2" ORFS PLUG	2-12



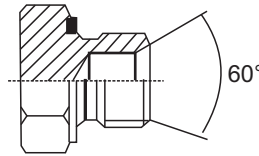
JIC HEX PLUG

ITEMS	DESCRIPTION	JIC MALE
AP60-04	7/16 JIC PLUG	7/16-20
AP60-05	1/2 JIC PLUG	1/2-20
AP60-06	9/16 JIC PLUG	9/16-18
AP60-08	3/4 JIC PLUG	3/4-16
AP60-10	7/8 JIC PLUG	7/8-14
AP60-12	1 1/16 JIC PLUG	1 1/16-12
AP60-14	1 3/16 JIC PLUG	1 3/16-12
AP60-16	1 5/16 JIC PLUG	1 5/16-12
AP60-20	1 5/8 JIC PLUG	1 5/8-12
AP60-24	1 7/8 JIC PLUG	1 7/8-12
AP60-32	2 1/2 JIC PLUG	2 1/2-12



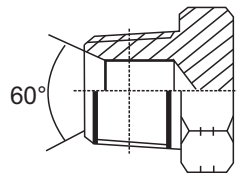
METRIC HEX PLUG - 60°

ITEMS	DESCRIPTION	METRIC MALE
AP61-M10	10X1.0 PLUG - 60°	M10X1.0
AP61-M12	12X1.5 PLUG - 60°	M12X1.5
AP61-M14	14X1.5 PLUG - 60°	M14X1.5
AP61-M16	16X1.5 PLUG - 60°	M16X1.5
AP61-M18	18X1.5 PLUG - 60°	M18X1.5



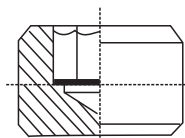
NPT HEX PLUG

ITEMS	DESCRIPTION	NPT MALE
AP62-02	1/8 NPT PLUG	1/8 NPT
AP62-04	1/4 NPT PLUG	1/4 NPT
AP62-06	3/8 NPT PLUG	3/8 NPT
AP62-08	1/2 NPT PLUG	1/2 NPT
AP62-12	3/4 NPT PLUG	3/4 NPT
AP62-16	1" NPT PLUG	1" NPT
AP62-20	1 1/4 NPT PLUG	1 1/4 NPT
AP62-24	1 1/2 NPT PLUG	1 1/2 NPT
AP62-32	2" NPT PLUG	2" NPT



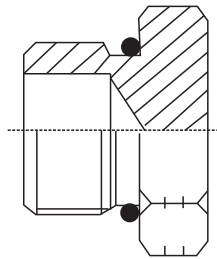
NPT ALLEN KEY PLUG

ITEMS	DESCRIPTION	NPT MALE
AP63-02	1/8 NPT ALLEN KEY PLUG	1/8 NPT
AP63-04	1/4 NPT ALLEN KEY PLUG	1/4 NPT
AP63-06	3/8 NPT ALLEN KEY PLUG	3/8 NPT
AP63-08	1/2 NPT ALLEN KEY PLUG	1/2 NPT
AP63-12	3/4 NPT ALLEN KEY PLUG	3/4 NPT
AP63-16	1" NPT ALLEN KEY PLUG	1" NPT



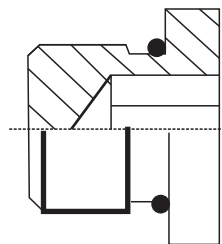
SAE HEX PLUG

ITEMS	DESCRIPTION	SAE MALE
AP64-04	7/16 SAE PLUG	7/16-20
AP64-05	1/2 SAE PLUG	1/2-20
AP64-06	9/16 SAE PLUG	9/16-18
AP64-08	3/4 SAE PLUG	3/4-16
AP64-10	7/8 SAE PLUG	7/8-14
AP64-12	1 1/16 SAE PLUG	1 1/16-12
AP64-14	1 3/16 SAE PLUG	1 3/16-12
AP64-16	1 5/16 SAE PLUG	1 5/16-12
AP64-20	1 5/8 SAE PLUG	1 5/8-12
AP64-24	1 7/8 SAE PLUG	1 7/8-12
AP64-32	2 1/2 SAE PLUG	2 1/2-12



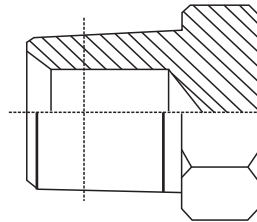
SAE ALLEN KEY PLUG

ITEMS	DESCRIPTION	SAE MALE
AP65-04	7/16 SAE ALLEN KEY PLUG	7/16-20
AP65-05	1/2 SAE ALLEN KEY PLUG	1/2-20
AP65-06	9/16 SAE ALLEN KEY PLUG	9/16-18
AP65-08	3/4 SAE ALLEN KEY PLUG	3/4-16
AP65-12	1 1/16 SAE ALLEN KEY PLUG	1 1/16-12



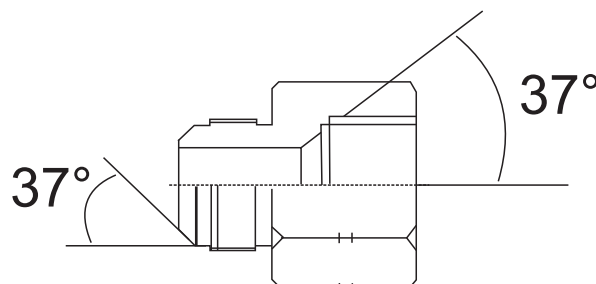
BSPT HEX PLUG

ITEMS	DESCRIPTION	BSPT MALE
AP66-02	1/8 BSPT PLUG	1/8 BSPT
AP66-04	1/4 BSPT PLUG	1/4 BSPT
AP66-06	3/8 BSPT PLUG	3/8 BSPT
AP66-08	1/2 BSPT PLUG	1/2 BSPT
AP66-12	3/4 BSPT PLUG	3/4 BSPT
AP66-16	1" BSPT PLUG	1" BSPT
AP66-20	1 1/4 BSPT PLUG	1 1/4 BSPT
AP66-24	1 1/2 BSPT PLUG	1 1/2 BSPT
AP66-32	2" BSPT PLUG	2" BSPT



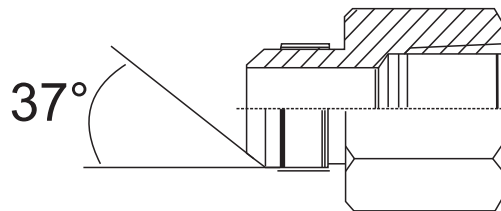
JIC MALE - JIC FEMALE REDUCER

ITEMS	DESCRIPTION	JIC MALE	JIC FEMALE
AR67-0406	7/16 JIC MALE - 9/16 JIC FEMALE	7/16-20	9/16-18
AR67-0408	7/16 JIC MALE - 3/4 JIC FEMALE	7/16-20	3/4-16
AR67-0412	7/16 JIC MALE - 1 1/16 JIC FEMALE	7/16-20	1 1/16-12
AR67-0608	9/16 JIC MALE - 3/4 JIC FEMALE	9/16-18	3/4-16
AR67-0610	9/16 JIC MALE - 7/8 JIC FEMALE	9/16-18	7/8-14
AR67-0612	9/16 JIC MALE - 1 1/16 JIC FEMALE	9/16-18	1 1/16-12
AR67-0810	3/4 JIC MALE - 7/8 JIC FEMALE FIXED	3/4-16	7/8-14
AR67-0812	3/4 JIC MALE - 1 1/16 JIC FEMALE	3/4-16	1 1/16-12
AR67-0816	3/4 JIC MALE - 1 5/16 JIC FEMALE	3/4-16	1 5/16-12
AR67-1012	7/8 JIC MALE - 1 1/16 JIC FEMALE FIXED	7/8-14	1 1/16-12
AR67-1216	1 1/16 JIC MALE - 1 5/16 JIC FEMALE	1 1/16-12	1 5/16-12
AR67-1220	1 1/16 JIC MALE - 1 5/8 JIC FEMALE	1 1/16-12	1 5/8-12
AR67-1620	1 5/16 JIC MALE - 1 5/8 JIC FEMALE	1 5/16-12	1 5/8-12
AR67-2024	1 5/8 JIC MALE - 1 7/8 JIC FEMALE	1 5/8-12	1 7/8-12



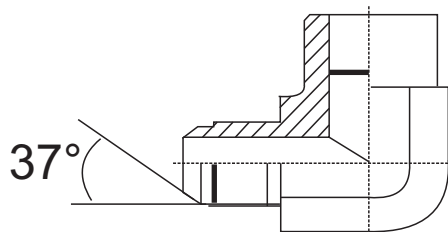
JIC MALE - NPT FEMALE REDUCER

ITEMS	DESCRIPTION	JIC SIZE	NPT SIZE
AR68-0402	7/16 JIC MALE - 1/8 NPT FEMALE	7/16-20	1/8 NPT
AR68-0404	7/16 JIC MALE - 1/4 NPT FEMALE	7/16-20	1/4 NPT
AR68-0604	9/16 JIC MALE - 1/4 NPT FEMALE	9/16-18	1/4 NPT
AR68-0606	9/16 JIC MALE - 3/8 NPT FEMALE	9/16-18	3/8 NPT
AR68-0608	9/16 JIC MALE - 1/2 NPT FEMALE	9/16-18	1/2 NPT
AR68-0806	3/4 JIC MALE - 3/8 NPT FEMALE	3/4-16	3/8 NPT
AR68-0808	3/4 JIC MALE - 1/2 NPT FEMALE	3/4-16	1/2 NPT
AR68-1008	7/8 JIC MALE - 1/2 NPT FEMALE	7/8-14	1/2 NPT
AR68-1208	1 1/16 JIC MALE - 1/2 NPT FEMALE	1 1/16-12	1/2 NPT
AR68-1212	1 1/16 JIC MALE - 3/4 NPT FEMALE	1 1/16-12	3/4 NPT
AR68-1612	1 5/16 JIC MALE - 3/4 NPT FEMALE	1 5/16-12	3/4 NPT
AR68-1616	1 5/16 JIC MALE - 1" NPT FEMALE	1 5/16-12	1" NPT



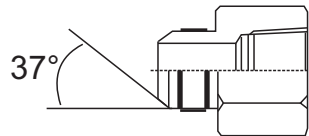
JIC MALE - NPT FEMALE REDUCER 90°

ITEMS	DESCRIPTION	JIC MALE	NPT FEMALE
AR69-0402	7/16 JIC MALE - 1/8 NPT FEMALE 90°	7/16-20	1/8 NPT
AR69-0404	7/16 JIC MALE - 1/4 NPT FEMALE 90°	7/16-20	1/4 NPT
AR69-0406	7/16 JIC MALE - 3/8 NPT FEMALE 90°	7/16-20	3/8 NPT
AR69-0504	1/2 JIC MALE - 1/4 NPT FEMALE 90°	1/2-20	1/4 NPT
AR69-0604	9/16 JIC MALE - 1/4 NPT FEMALE 90°	9/16-18	1/4 NPT
AR69-0606	9/16 JIC MALE - 3/8 NPT FEMALE 90°	9/16-18	3/8 NPT
AR69-0804	3/4 JIC MALE - 1/4 NPT FEMALE 90°	3/4-16	1/4 NPT
AR69-0806	3/4 JIC MALE - 3/8 NPT FEMALE 90°	3/4-16	3/8 NPT
AR69-0808	3/4 JIC MALE - 1/2 NPT FEMALE 90°	3/4-16	1/2 NPT
AR69-1008	7/8 JIC MALE - 1/2 NPT FEMALE 90°	7/8-14	1/2 NPT
AR69-1208	1 1/16 JIC MALE - 1/2 NPT FEMALE 90°	1 1/16-12	1/2 NPT
AR69-1212	1 1/16 JIC MALE - 3/4 NPT FEMALE 90°	1 1/16-12	3/4 NPT
AR69-1616	1 5/16 JIC MALE - 1" NPT FEMALE 90°	1 5/16-12	1" NPT
AR69-2020	1 5/8 JIC MALE - 1 1/4 NPT FEMALE 90°	1 5/8-12	1 1/4 NPT



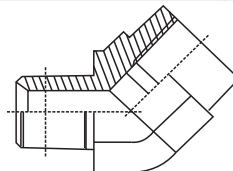
JIC MALE - BSPT FEMALE REDUCER

ITEMS	DESCRIPTION	JIC MALE	BSPT FEMALE
AR70-0402	7/16 JIC MALE - 1/8 BSPT FEMALE	7/16-20	1/8 BSPT
AR70-0404	7/16 JIC MALE - 1/4 BSPT FEMALE	7/16-20	1/4 BSPT
AR70-0604	9/16 JIC MALE - 1/4 BSPT FEMALE	9/16-18	1/4 BSPT
AR70-0606	9/16 JIC MALE - 3/8 BSPT FEMALE	9/16-18	3/8 BSPT
AR70-0806	3/4 JIC MALE - 3/8 BSPT FEMALE	3/4-16	3/8 BSPT
AR70-0808	3/4 JIC MALE - 1/2 BSPT FEMALE	3/4-16	1/2 BSPT
AR70-1208	1 1/16 JIC MALE - 1/2 BSPT FEMALE	1 1/16-12	1/2 BSPT
AR70-1212	1 1/16 JIC MALE - 3/4 BSPT FEMALE	1 1/16-12	3/4 BSPT
AR70-1616	1 5/16 JIC MALE - 1" BSPT FEMALE	1 5/16-12	1" BSPT



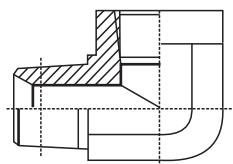
NPT MALE - NPT FEMALE REDUCER 45°

ITEMS	DESCRIPTION	NPT MALE	NPT FEMALE
AR71-02-45°	1/8 NPT MALE - 1/8 NPT FEMALE 45°	1/8 NPT	1/8 NPT
AR71-04-45°	1/4 NPT MALE - 1/4 NPT FEMALE 45°	1/4 NPT	1/4 NPT
AR71-06-45°	3/8 NPT MALE - 3/8 NPT FEMALE 45°	3/8 NPT	3/8 NPT
AR71-08-45°	1/2 NPT MALE - 1/2 NPT FEMALE 45°	1/2 NPT	1/2 NPT
AR71-12-45°	3/4 NPT MALE - 3/4 NPT FEMALE 45°	3/4 NPT	3/4 NPT
AR71-16-45°	1" NPT MALE - 1" NPT FEMALE 45°	1" NPT	1" NPT



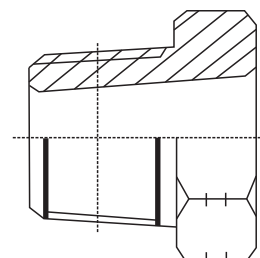
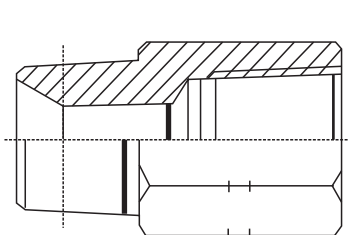
NPT MALE - NPT FEMALE REDUCER 90°

ITEMS	DESCRIPTION	NPT MALE	NPT FEMALE
AR71-02	1/8 NPT MALE - 1/8 NPT FEMALE 90°	1/8 NPT	1/8 NPT
AR71-04	1/4 NPT MALE - 1/4 NPT FEMALE 90°	1/4 NPT	1/4 NPT
AR71-0406	1/4 NPT MALE - 3/8 NPT FEMALE 90°	1/4 NPT	3/8 NPT
AR71-06	3/8 NPT MALE - 3/8 NPT FEMALE 90°	3/8 NPT	3/8 NPT
AR71-08	1/2 NPT MALE - 1/2 NPT FEMALE 90°	1/2 NPT	1/2 NPT
AR71-12	3/4 NPT MALE - 3/4 NPT FEMALE 90°	3/4 NPT	3/4 NPT
AR71-16	1" NPT MALE - 1" NPT FEMALE 90°	1" NPT	1" NPT
AR71-20	1 1/4 NPT MALE - 1 1/4 NPT FEMALE 90°	1 1/4 NPT	1 1/4 NPT
AR71-24	1 1/2 NPT MALE - 1 1/2 NPT FEMALE 90°	1 1/2 NPT	1 1/2 NPT
AR71-32	2" NPT MALE - 2" NPT FEMALE 90°	2" NPT	2" NPT



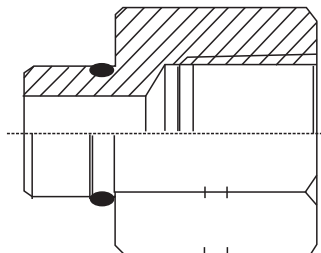
NPT MALE - NPT FEMALE REDUCER

ITEMS	DESCRIPTION	NPT MALE	NPT FEMALE
AR72-02	1/8 NPT MALE - 1/8 NPT FEMALE	1/8 NPT	1/8 NPT
AR72-0204	1/8 NPT MALE - 1/4 NPT FEMALE	1/8 NPT	1/4 NPT
AR72-0402	1/4 NPT MALE - 1/8 NPT FEMALE	1/4 NPT	1/8 NPT
AR72-04	1/4 NPT MALE - 1/4 NPT FEMALE	1/4 NPT	1/4 NPT
AR72-0406	1/4 NPT MALE - 3/8 NPT FEMALE	1/4 NPT	3/8 NPT
AR72-0602	3/8 NPT MALE - 1/8 NPT FEMALE	3/8 NPT	1/8 NPT
AR72-0604	3/8 NPT MALE - 1/4 NPT FEMALE	3/8 NPT	1/4 NPT
AR72-06	3/8 NPT MALE - 3/8 NPT FEMALE	3/8 NPT	3/8 NPT
AR72-0608	3/8 NPT MALE - 1/2 NPT FEMALE	3/8 NPT	1/2 NPT
AR72-0802	1/2 NPT MALE - 1/8 NPT FEMALE	1/2 NPT	1/8 NPT
AR72-0804	1/2 NPT MALE - 1/4 NPT FEMALE	1/2 NPT	1/4 NPT
AR72-0806	1/2 NPT MALE - 3/8 NPT FEMALE	1/2 NPT	3/8 NPT
AR72-08	1/2 NPT MALE - 1/2 NPT FEMALE	1/2 NPT	1/2 NPT
AR72-0812	1/2 NPT MALE - 3/4 NPT FEMALE	1/2 NPT	3/4 NPT
AR72-1204	3/4 NPT MALE - 1/4 NPT FEMALE	3/4 NPT	1/4 NPT
AR72-1206	3/4 NPT MALE - 3/8 NPT FEMALE	3/4 NPT	3/8 NPT
AR72-1208	3/4 NPT MALE - 1/2 NPT FEMALE	3/4 NPT	1/2 NPT
AR72-12	3/4 NPT MALE - 3/4 NPT FEMALE	3/4 NPT	3/4 NPT
AR72-1216	3/4 NPT MALE - 1" NPT FEMALE	3/4 NPT	1" NPT
AR72-1604	1" NPT MALE - 1/4 NPT FEMALE	1" NPT	1/4 NPT
AR72-1606	1" NPT MALE - 3/8 NPT FEMALE	1" NPT	3/8 NPT
AR72-1608	1" NPT MALE - 1/2 NPT FEMALE	1" NPT	1/2 NPT
AR72-1612	1" NPT MALE - 3/4 NPT FEMALE	1" NPT	3/4 NPT
AR72-2008	1 1/4 NPT MALE - 1/2 NPT FEMALE	1 1/4 NPT	1/2 NPT
AR72-2012	1 1/4 NPT MALE - 3/4 NPT FEMALE	1 1/4 NPT	3/4 NPT
AR72-2016	1 1/4 NPT MALE - 1" NPT FEMALE	1 1/4 NPT	1" NPT
AR72-2412	1 1/2 NPT MALE - 3/4 NPT FEMALE	1 1/2 NPT	3/4 NPT
AR72-2416	1 1/2 NPT MALE - 1" NPT FEMALE	1 1/2 NPT	1" NPT
AR72-2420	1 1/2 NPT MALE - 1 1/4 NPT FEMALE	1 1/2 NPT	1 1/4 NPT
AR72-3216	2" NPT MALE - 1" NPT FEMALE	2" NPT	1" NPT
AR72-3220	2" NPT MALE - 1 1/4 NPT FEMALE	2" NPT	1 1/4 NPT
AR72-3224	2" NPT MALE - 1 1/2 NPT FEMALE	2" NPT	1 1/2 NPT



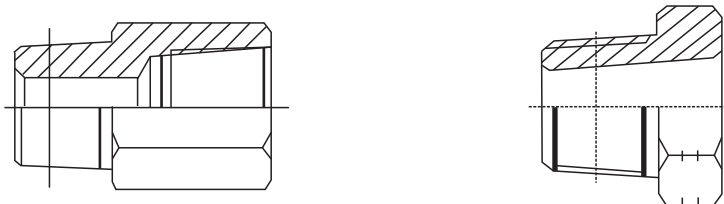
SAE MALE - NPT FEMALE REDUCER

ITEMS	DESCRIPTION	SAE MALE	NPT FEMALE
AR73-0404	7/16 SAE MALE - 1/4 NPT FEMALE	7/16-20	1/4 NPT
AR73-0406	7/16 SAE MALE - 3/8 NPT FEMALE	7/16-20	3/8 NPT
AR73-0502	1/2 SAE MALE - 1/8 NPT FEMALE	1/2-20	1/8 NPT
AR73-0606	9/16 SAE MALE - 3/8 NPT FEMALE	9/16-18	3/8 NPT
AR73-0604	9/16 SAE MALE - 1/4 NPT FEMALE	9/16-18	1/4 NPT
AR73-0808	3/4 SAE MALE - 1/2 NPT FEMALE	3/4-16	1/2 NPT
AR73-0804	3/4 SAE MALE - 1/4 NPT FEMALE	3/4-16	1/4 NPT
AR73-0812	3/4 SAE MALE - 3/4 NPT FEMALE	3/4-16	3/4 NPT
AR73-1006	7/8 SAE MALE - 3/8 NPT FEMALE	7/8-14	3/8 NPT
AR73-1008	7/8 SAE MALE - 1/2 NPT FEMALE	7/8-14	1/2 NPT
AR73-1212	1 1/16 SAE MALE - 3/4 NPT FEMALE	1 1/16-12	3/4 NPT
AR73-1208	1 1/16 SAE MALE - 1/2 NPT FEMALE	1 1/16-12	1/2 NPT
AR73-1216	1 1/16 SAE MALE - 1" NPT FEMALE	1 1/16-12	1" NPT
AR73-1616	1 5/16 SAE MALE - 1" NPT FEMALE	1 5/16-12	1" NPT
AR73-1608	1 5/16 SAE MALE - 1/2 NPT FEMALE	1 5/16-12	1/2 NPT
AR73-1612	1 5/16 SAE MALE - 3/4 NPT FEMALE	1 5/16-12	3/4 NPT
AR73-2016	1 5/8 SAE MALE - 1" NPT FEMALE	1 5/8-12	1" NPT



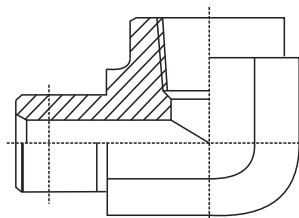
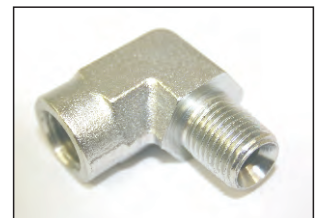
BSPT MALE - BSPT FEMALE REDUCER

ITEMS	DESCRIPTION	BSPT MALE	BSPT FEMALE
AR74-0402	1/4 BSPT MALE - 1/8 BSPT FEMALE	1/4 BSPT	1/8 BSPT
AR74-0602	3/8 BSPT MALE - 1/8 BSPT FEMALE	3/8 BSPT	1/8 BSPT
AR74-0604	3/8 BSPT MALE - 1/4 BSPT FEMALE	3/8 BSPT	1/4 BSPT
AR74-0804	1/2 BSPT MALE - 1/4 BSPT FEMALE	1/2 BSPT	1/4 BSPT
AR74-0806	1/2 BSPT MALE - 3/8 BSPT FEMALE	1/2 BSPT	3/8 BSPT
AR74-1204	3/4 BSPT MALE - 1/4 BSPT FEMALE	3/4 BSPT	1/4 BSPT
AR74-1206	3/4 BSPT MALE - 3/8 BSPT FEMALE	3/4 BSPT	3/8 BSPT
AR74-1208	3/4 BSPT MALE - 1/2 BSPT FEMALE	3/4 BSPT	1/2 BSPT
AR74-1606	1" BSPT MALE - 3/8 BSPT FEMALE	1" BSPT	3/8 BSPT
AR74-1608	1" BSPT MALE - 1/2 BSPT FEMALE	1" BSPT	1/2 BSPT
AR74-1612	1" BSPT MALE - 3/4 BSPT FEMALE	1" BSPT	3/4 BSPT
AR74-2008	1 1/4 BSPT MALE - 1/2 BSPT FEMALE	1 1/4 BSPT	1/2 BSPT
AR74-2012	1 1/4 BSPT MALE - 3/4 BSPT FEMALE	1 1/4 BSPT	3/4 BSPT
AR74-2016	1 1/4 BSPT MALE - 1" BSPT FEMALE	1 1/4 BSPT	1" BSPT
AR74-2412	1 1/2 BSPT MALE - 3/4 BSPT FEMALE	1 1/2 BSPT	3/4 BSPT
AR74-2416	1 1/2 BSPT MALE - 1" BSPT FEMALE	1 1/2 BSPT	1" BSPT
AR74-2420	1 1/2 BSPT MALE - 1 1/4 BSPT FEMALE	1 1/2 BSPT	1 1/4 BSPT
AR74-3216	2" BSPT MALE - 1" BSPT FEMALE	2" BSPT	1" BSPT
AR74-3220	2" BSPT MALE - 1 1/4 BSPT FEMALE	2" BSPT	1 1/4 BSPT



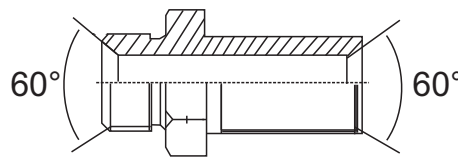
BSPT MALE - BSPT FEMALE REDUCER 90°

ITEMS	DESCRIPTION	BSPT MALE	BSPT FEMALE
AR74-04-90°	1/4 BSPT MALE - 1/4 BSPT FEMALE 90°	1/4 BSPT	1/4 BSPT
AR74-06-90°	3/8 BSPT MALE - 3/8 BSPT FEMALE 90°	3/8 BSPT	3/8 BSPT
AR74-08-90°	1/2 BSPT MALE - 1/2 BSPT FEMALE 90°	1/2 BSPT	1/2 BSPT
AR74-12-90°	3/4 BSPT MALE - 3/4 BSPT FEMALE 90°	3/4 BSPT	3/4 BSPT
AR74-16-90°	1" BSPT MALE - 1" BSPT FEMALE 90°	1" BSPT	1" BSPT



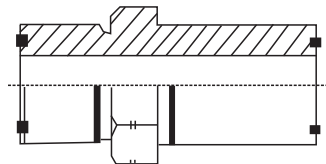
BSP BULKHEAD WITH LOCKNUT

ITEMS	DESCRIPTION	BSP THREAD
AB75-04	1/4 - 1/4 BSP BULKHEAD WITH LOCKNUT	1/4 BSP
AB75-06	3/8 - 3/8 BSP BULKHEAD WITH LOCKNUT	3/8 BSP
AB75-08	1/2 - 1/2 BSP BULKHEAD WITH LOCKNUT	1/2 BSP
AB75-10	5/8 - 5/8 BSP BULKHEAD WITH LOCKNUT	5/8 BSP
AB75-12	3/4 - 3/4 BSP BULKHEAD WITH LOCKNUT	3/4 BSP
AB75-16	1" - 1" BSP BULKHEAD WITH LOCKNUT	1" BSP
AB75-20	1 1/4 - 1 1/4 BSP BULKHEAD WITH LOCKNUT	1 1/4 BSP
AB75-24	1 1/2 - 1 1/2 BSP BULKHEAD WITH LOCKNUT	1 1/2 BSP



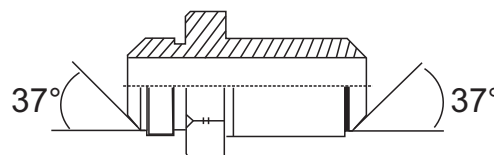
ORFS BULKHEAD WITH LOCKNUT

ITEMS	DESCRIPTION	ORFS THREAD
AB76-04	9/16 ORFS BULKHEAD WITH LOCKNUT	9/16-18
AB76-06	11/16 ORFS BULKHEAD WITH LOCKNUT	11/16-16
AB76-08	13/16 ORFS BULKHEAD WITH LOCKNUT	13/16-16
AB76-10	1" ORFS BULKHEAD WITH LOCKNUT	1-14
AB76-12	1 3/16 ORFS BULKHEAD WITH LOCKNUT	1 3/6-12
AB76-16	1 7/16 ORFS BULKHEAD WITH LOCKNUT	1 7/16-12



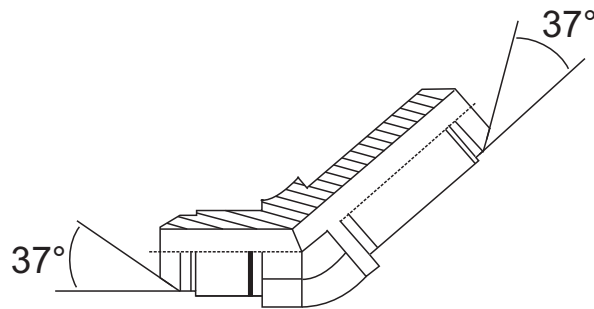
JIC BULKHEAD WITH LOCKNUT

ITEMS	DESCRIPTION	JIC THREAD
AB77-04	7/16 JIC BULKHEAD WITH LOCKNUT	7/16-20
AB77-05	1/2 JIC BULKHEAD WITH LOCKNUT	1/2-20
AB77-06	9/16 JIC BULKHEAD WITH LOCKNUT	9/16-18
AB77-08	3/4 JIC BULKHEAD WITH LOCKNUT	3/4-16
AB77-10	7/8 JIC BULKHEAD WITH LOCKNUT	7/8-14
AB77-12	1 1/16 JIC BULKHEAD WITH LOCKNUT	1 1/16-12
AB77-16	1 5/16 JIC BULKHEAD WITH LOCKNUT	1 5/16-12
AB77-20	1 5/8 JIC BULKHEAD WITH LOCKNUT	1 5/8-12
AB77-24	1 7/8 JIC BULKHEAD WITH LOCKNUT	1 7/8-12
AB77-32	2 1/2 JIC BULKHEAD WITH LOCKNUT	2 1/2-12



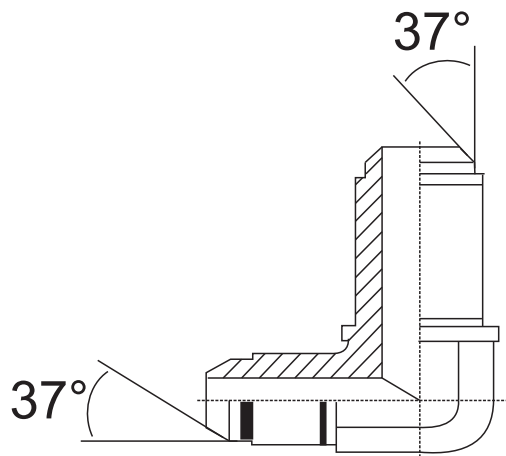
JIC BULKHEAD WITH LOCKNUT 45°

ITEMS	DESCRIPTION	JIC THREAD
AB78-04	7/16 JIC BULKHEAD WITH LOCKNUT 45°	7/16-20
AB78-06	9/16 JIC BULKHEAD WITH LOCKNUT 45°	9/16-18
AB78-08	3/4 JIC BULKHEAD WITH LOCKNUT 45°	3/4-16
AB78-10	7/8 JIC BULKHEAD WITH LOCKNUT 45°	7/8-14
AB78-12	1 1/16 JIC BULKHEAD WITH LOCKNUT 45°	1 1/16-12
AB78-16	1 5/16 JIC BULKHEAD WITH LOCKNUT 45°	1 5/16-12



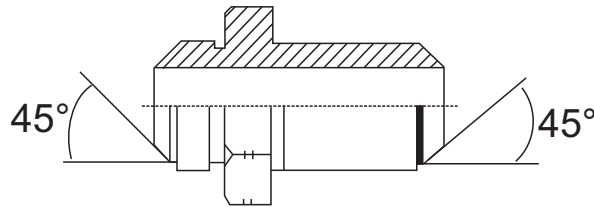
JIC BULKHEAD WITH LOCKNUT 90°

ITEMS	DESCRIPTION	JIC THREAD
AB79-04	7/16 JIC BULKHEAD WITH LOCKNUT 90°	7/16-20
AB79-05	1/2 JIC BULKHEAD WITH LOCKNUT 90°	1/2-20
AB79-06	9/16 JIC BULKHEAD WITH LOCKNUT 90°	9/16-18
AB79-08	3/4 JIC BULKHEAD WITH LOCKNUT 90°	3/4-16
AB79-10	7/8 JIC BULKHEAD WITH LOCKNUT 90°	7/8-14
AB79-12	1 1/16 JIC BULKHEAD WITH LOCKNUT 90°	1 1/16-12
AB79-16	1 5/16 JIC BULKHEAD WITH LOCKNUT 90°	1 5/16-12
AB79-20	1 5/8 JIC BULKHEAD WITH LOCKNUT 90°	1 5/8-12



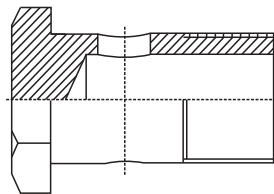
SAE BULKHEAD WITH LOCKNUT

ITEMS	DESCRIPTION	SAE THREAD
AB80-06	5/8 SAE BULKHEAD WITH LOCKNUT	5/8-18



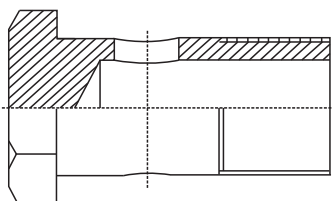
METRIC BANJO BOLTS

ITEMS	DESCRIPTION	METRIC THREAD
AB81-12	12X1.5 BANJO BOLT	12X1.5
AB81-14	14X1.5 BANJO BOLT	14X1.5
AB81-16	16X1.5 BANJO BOLT	16X1.5
AB81-18	18X1.5 BANJO BOLT	18X1.5
AB81-22	22X1.5 BANJO BOLT	22X1.5



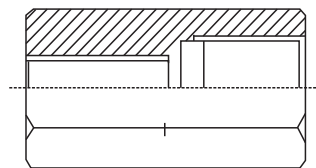
BSP BANJO BOLTS

ITEMS	DESCRIPTION	BSP THREAD
AD82-04	1/4 BSP BANJO BOLT	1/4 BSP
AD82-06	3/8 BSP BANJO BOLT	3/8 BSP
AD82-08	1/2 BSP BANJO BOLT	1/2 BSP
AD82-10	5/8 BSP BANJO BOLT	5/8 BSP
AD82-12	3/4 BSP BANJO BOLT	3/4 BSP



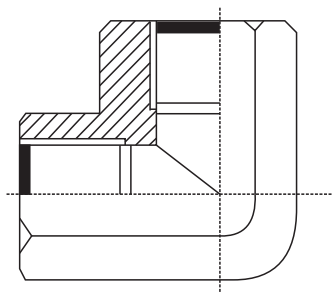
BSP FEMALE SOCKET

ITEMS	DESCRIPTION	BSP FEMALE
AS83-02	1/8 BSP FEMALE SOCKET	1/8 BSP
AS83-04	1/4 BSP FEMALE SOCKET	1/4 BSP
AS83-06	3/8 BSP FEMALE SOCKET	3/8 BSP
AS83-08	1/2 BSP FEMALE SOCKET	1/2 BSP
AS83-12	3/4 BSP BEMALE SOCKET	3/4 BSP
AS83-16	1" BSP FEMALE SOCKET	1" BSP
AS83-20	1 1/4 BSP FEMALE SOCKET	1 1/4 BSP
AS83-24	1 1/2 BSP FEMALE SOCKET	1 1/2 BSP



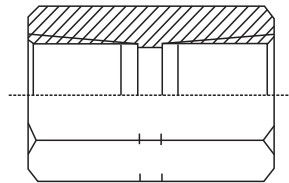
BSP FEMALE SOCKET 90°

ITEMS	DESCRIPTION	BSP FEMALE
AS84-02-90°	1/8 BSP FEMALE SOCKET 90°	1/8 BSP
AS84-04-90°	1/4 BSP FEMALE SOCKET 90°	1/4 BSP
AS84-06-90°	3/8 BSP FEMALE SOCKET 90°	3/8 BSP
AS84-08-90°	1/2 BSP FEMALE SOCKET 90°	1/2 BSP
AS84-12-90°	3/4 BSP FEMALE SOCKET 90°	3/4 BSP
AS84-16-90°	1" BSP FEMALE SOCKET 90°	1" BSP
AS84-20-90°	1 1/4 BSP FEMALE SOCKET 90°	1 1/4 BSP
AS84-24-90°	1 1/2 BSP FEMALE SOCKET 90°	1 1/2 BSP



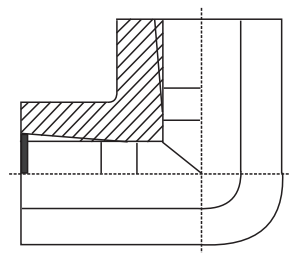
NPT FEMALE SOCKET

ITEMS	DESCRIPTION	NPT FEMALE	NPT FEMALE
AS85-02	1/8 NPT - 1/8 NPT FEMALE SOCKET	1/8 NPT	1/8 NPT
AS85-0204	1/8 NPT - 1/4 NPT FEMALE SOCKET	1/8 NPT	1/4 NPT
AS85-04	1/4 NPT - 1/4 NPT FEMALE SOCKET	1/4 NPT	1/4 NPT
AS85-0406	1/4 NPT - 3/8 NPT FEMALE SOCKET	1/4 NPT	3/8 NPT
AS85-0408	1/4 NPT - 1/2 NPT FEMALE SOCKET	1/4 NPT	1/2 NPT
AS85-06	3/8 NPT - 3/8 NPT FEMALE SOCKET	3/8 NPT	3/8 NPT
AS85-0608	3/8 NPT - 1/2 NPT FEMALE SOCKET	3/8 NPT	1/2 NPT
AS85-08	1/2 NPT - 1/2 NPT FEMALE SOCKET	1/2 NPT	1/2 NPT
AS85-0812	1/2 NPT - 3/4 NPT FEMALE SOCKET	1/2 NPT	3/4 NPT
AS85-12	3/4 NPT - 3/4 NPT FEMALE SOCKET	3/4 NPT	3/4 NPT
AS85-1216	3/4 NPT - 1" NPT FEMALE SOCKET	3/4 NPT	1" NPT
AS85-16	1" NPT - 1" NPT FEMALE SOCKET	1" NPT	1" NPT
AS85-20	1 1/4 NPT - 1 1/4 NPT FEMALE SOCKET	1 1/4 NPT	1 1/4 NPT
AS85-24	1 1/2 NPT - 1 1/2 NPT FEMALE SOCKET	1 1/2 NPT	1 1/2 NPT
AS85-32	2" NPT - 2" NPT FEMALE SOCKET	2" NPT	2" NPT



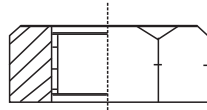
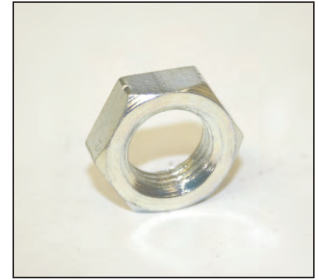
NPT FEMALE SOCKET 90°

ITEMS	DESCRIPTION	NPT FEMALE	NPT FEMALE
AS86-02	1/8 NPT - 1/8 NPT FEMALE SOCKET 90°	1/8 NPT	1/8 NPT
AS86-04	1/4 NPT - 1/4 NPT FEMALE SOCKET 90°	1/4 NPT	1/4 NPT
AS86-06	3/8 NPT - 3/8 NPT FEMALE SOCKET 90°	3/8 NPT	3/8 NPT
AS86-08	1/2 NPT - 1/2 NPT FEMALE SOCKET 90°	1/2 NPT	1/2 NPT
AS86-12	3/4 NPT - 3/4 NPT FEMALE SOCKET 90°	3/4 NPT	3/4 NPT
AS86-16	1" NPT - 1" NPT FEMALE SOCKET 90°	1" NPT	1" NPT
AS86-20	1 1/4 NPT - 1 1/4 NPT FEMALE SOCKET 90°	1 1/4 NPT	1 1/4 NPT
AS86-24	1 1/2 NPT - 1 1/2 NPT FEMALE SOCKET 90°	1 1/2 NPT	1 1/2 NPT
AS86-32	2" NPT - 2" NPT FEMALE SOCKET 90°	2" NPT	2" NPT



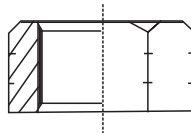
BSP LOCKNUTS

ITEMS	DESCRIPTION	BSP THREAD
AL87-02	1/8 BSP LOCKNUT	1/8 BSP
AL87-04	1/4 BSP LOCKNUT	1/4 BSP
AL87-06	3/8 BSP LOCKNUT	3/8 BSP
AL87-08	1/2 BSP LOCKNUT	1/2 BSP
AL87-10	5/8 BSP LOCKNUT	5/8 BSP
AL87-12	3/4 BSP LOCKNUT	3/4 BSP
AL87-16	1" BSP LOCKNUT	1" BSP
AL87-20	1 1/4 BSP LOCKNUT	1 1/4 BSP
AL87-24	1 1/2 BSP LOCKNUT	1 1/2 BSP



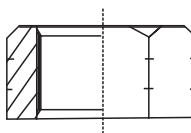
ORFS LOCKNUTS

ITEMS	DESCRIPTION	ORFS THREAD
AL88-04	9/16 ORFS LOCKNUT	9/16-18
AL88-06	11/16 ORFS LOCKNUT	11/16-16
AL88-08	13/16 ORFS LOCKNUT	13/16-16
AL88-10	1" ORFS LOCKNUT	1-14
AL88-12	1 3/16 ORFS LOCKNUT	1 3/16-12
AL88-16	1 7/16 ORFS LOCKNUT	1 7/16-12
AL88-20	1 11/16 ORFS LOCKNUT	1 11/16-12



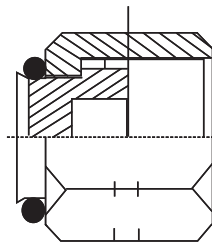
JIC LOCKNUTS

ITEMS	DESCRIPTION	JIC THREAD
AL89-04	7/16 JIC LOCKNUT	7/16-20
AL89-05	1/2 JIC LOCKNUT	1/2-20
AL89-06	9/16 JIC LOCKNUT	9/16-18
AL89-08	3/4 JIC LOCKNUT	3/4-16
AL89-10	7/8 JIC LOCKNUT	7/8-14
AL89-12	1 1/16 JIC LOCKNUT	1 1/16-12
AL89-16	1 5/16 JIC LOCKNUT	1 5/16-12
AL89-20	1 5/8 JIC LOCKNUT	1 5/8-12
AL89-24	1 7/8 JIC LOCKNUT	1 7/8-12



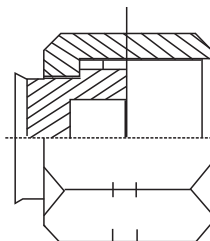
BSP FEMALE SWIVEL CAP

ITEMS	DESCRIPTION	BSP FEMALE
AC90-02	1/8 BSP FEMALE SWIVEL CAP	1/8 BSP
AC90-04	1/4 BSP FEMALE SWIVEL CAP	1/4 BSP
AC90-06	3/8 BSP FEMALE SWIVEL CAP	3/8 BSP
AC90-08	1/2 BSP FEMALE SWIVEL CAP	1/2 BSP
AC90-12	3/4 BSP FEMALE SWIVEL CAP	3/4 BSP
AC90-16	1" BSP FEMALE SWIVEL CAP	1" BSP
AC90-20	1 1/4 BSP FEMALE SWIVEL CAP	1 1/4 BSP



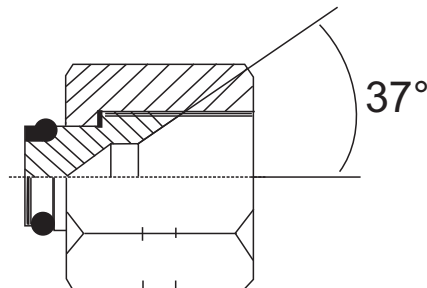
ORFS FEMALE SWIVEL CAP

ITEMS	DESCRIPTION	ORFS THREAD
AC91-04	9/16 ORFS FEMALE SWIVEL CAP	9/16-18
AC91-06	11/16 ORFS FEMALE SWIVEL CAP	11/16-16
AC91-08	13/16 ORFS FEMALE SWIVEL CAP	13/16-16
AC91-10	1" ORFS FEMALE SWIVEL CAP	1-14
AC91-12	1 3/16 ORFS FEMALE SWIVEL CAP	1 3/16-12
AC91-16	1 7/16 ORFS FEMALE SWIVEL CAP	1 7/16-12
AC91-20	1 11/16 ORFS FEMALE SWIVEL CAP	1 11/16-12
AC91-24	2" ORFS FEMALE SWIVEL CAP	2-12



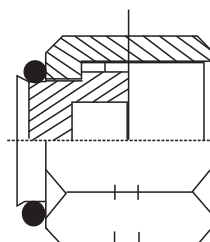
JIC FEMALE SWIVEL CAP

ITEMS	DESCRIPTION	JIC THREAD
AC92-04	7/16 JIC FEMALE SWIVEL CAP	7/16-20
AC92-05	1/2 JIC FEMALE SWIVEL CAP	1/2-20
AC92-06	9/16 JIC FEMALE SWIVEL CAP	9/16-18
AC92-08	3/4 JIC FEMALE SWIVEL CAP	3/4-16
AC92-10	7/8 JIC FEMALE SWIVEL CAP	7/8-14
AC92-12	1 1/16 JIC FEMALE SWIVEL CAP	1 1/16-12
AC92-14	1 3/16 JIC FEMALE SWIVEL CAP	1 3/16-12
AC92-16	1 5/16 JIC FEMALE SWIVEL CAP	1 5/16-12
AC92-20	1 5/8 JIC FEMALE SWIVEL CAP	1 5/8-12
AC92-24	1 7/8 JIC FEMALE SWIVEL CAP	1 7/8-12
AC92-32	2 1/2 JIC FEMALE SWIVEL CAP	2 1/2-12



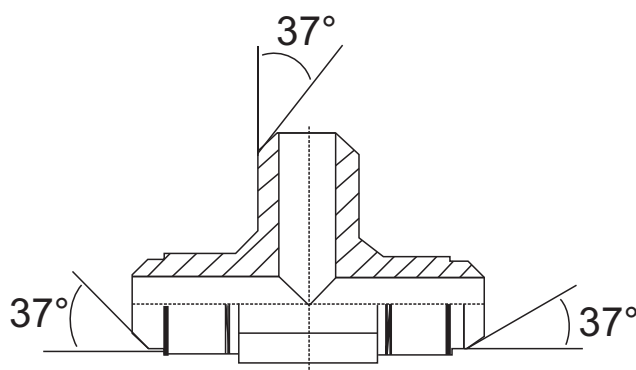
METRIC FEMALE SWIVEL CAP

ITEMS	DESCRIPTION	METRIC THREAD
AC93-12	12X1.5 METRIC FEMALE CAP	12X1.5
AC93-14	14X1.5 METRIC FEMALE CAP	14X1.5
AC93-16	16X1.5 METRIC FEMALE CAP	16X1.5
AC93-18	18X1.5 METRIC FEMALE CAP	18X1.5



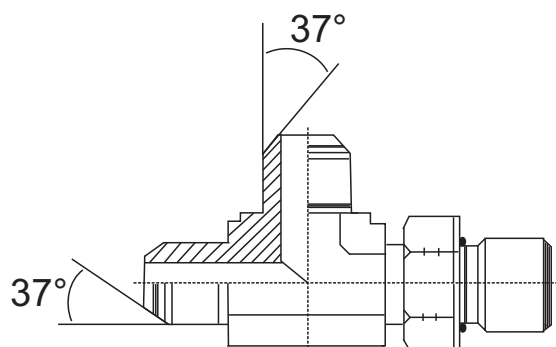
JIC MALE TEES

ITEMS	DESCRIPTION	JIC MALE
AT94-04	7/16 JIC MALE TEE	7/16-20
AT94-05	1/2 JIC MALE TEE	1/2-20
AT94-06	9/16 JIC MALE TEE	9/16-18
AT94-08	3/4 JIC MALE TEE	3/4-16
AT94-10	7/8 JIC MALE TEE	7/8-14
AT94-12	1 1/16 JIC MALE TEE	1 1/16-12
AT94-16	1 5/16 JIC MALE TEE	1 5/16-12
AT94-20	1 5/8 JIC MALE TEE	1 5/8-12
AT94-24	1 7/8 JIC MALE TEE	1 7/8-12



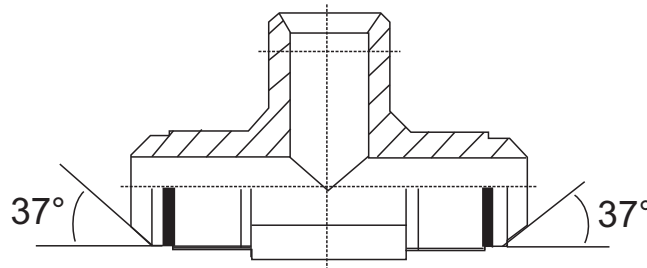
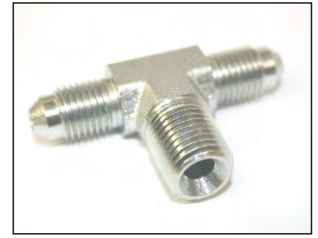
JIC MALE - SAE MALE RUN TEE

ITEMS	DESCRIPTION	JIC MALE	SAE MALE ON RUN
AT95-040404	7/16 JIC MALE - 7/16 SAE MALE ON RUN	7/16-20	7/16-20
AT95-050505	1/2 JIC MALE - 1/2 SAE MALE ON RUN	1/2-20	1/2-20
AT95-060606	9/16 JIC MALE - 9/16 SAE MALE ON RUN	9/16-18	9/16-18
AT95-080808	3/4 JIC MALE - 3/4 SAE MALE ON RUN	3/4-16	3/4-16
AT95-101010	7/8 JIC MALE - 7/8 SAE MALE ON RUN	7/8-14	7/8-14
AT95-121212	1 1/16 JIC MALE - 1 1/16 SAE MALE ON RUN	1 1/16-12	1 1/16-12
AT95-161616	1 5/16 JIC MALE - 1 5/16 SAE MALE ON RUN	1 5/16-12	1 5/16-12
AT95-202020	1 5/8 JIC MALE - 1 5/8 SAE MALE ON RUN	1 5/8-12	1 5/8-12



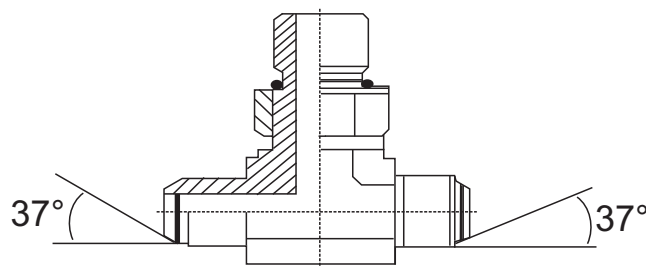
JIC MALE - NPT MALE ON BRANCH

ITEMS	DESCRIPTION	JIC MALE	NPT MALE ON BRANCH
AT96-040404	7/16 JIC MALE - 1/4 NPT MALE ON BRANCH	7/16-20	1/4 NPT
AT96-060606	9/16 JIC MALE - 3/8 NPT MALE ON BRANCH	9/16-18	3/8 NPT
AT96-060406	9/16 JIC MALE - 1/4 NPT MALE ON BRANCH	9/16-18	1/4 NPT
AT96-080608	3/4 JIC MALE - 3/8 NPT MALE ON BRANCH	3/4-16	3/8 NPT
AT96-080808	3/4 JIC MALE - 1/2 NPT MALE ON BRANCH	3/4-16	1/2 NPT
AT96-100810	7/8 JIC MALE - 1/2 NPT MALE ON BRANCH	7/8-14	1/2 NPT
AT96-121212	1 1/16 JIC MALE - 3/4 NPT MALE ON BRANCH	1 1/16-12	3/4 NPT
AT96-161616	1 5/16 JIC MALE - 1" NPT MALE ON BRANCH	1 5/16-12	1" NPT
AT96-202020	1 5/8 JIC MALE - 1 1/4 NPT MALE ON BRANCH	1 5/8-12	1 1/4 NPT
AT96-242424	1 7/8 JIC MALE - 1 1/2 NPT MALE ON BRANCH	1 7/8-12	1 1/2 NPT



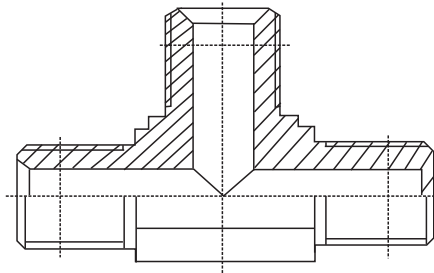
JIC MALE - SAE MALE ON BRANCH TEE

ITEMS	DESCRIPTION	JIC MALE	SAE MALE ON BRANCH
AT97-040404	7/16 JIC MALE - 7/16 SAE MALE ON BRANCH	7/16-20	7/16-20
AT97-050505	1/2 JIC MALE - 1/2 SAE MALE ON BRANCH	1/2-20	1/2-20
AT97-060606	9/16 JIC MALE - 9/16 SAE MALE ON BRANCH	9/16-18	9/16-18
AT97-080808	3/4 JIC MALE - 3/4 SAE MALE ON BRANCH	3/4-16	3/4-16
AT97-101010	7/8 JIC MALE - 7/8 SAE MALE ON BRANCH	7/8-14	7/8-14
AT97-121212	1 1/16 JIC MALE - 1 1/16 SAE MALE ON BRANCH	1 1/16-12	1 1/16-12
AT97-161616	1 5/16 JIC MALE - 1 5/16 SAE MALE ON BRANCH	1 5/16-12	1 5/16-12
AT97-202020	1 5/8 JIC MALE - 1 5/8 SAE MALE ON BRANCH	1 5/8-12	1 5/8-12



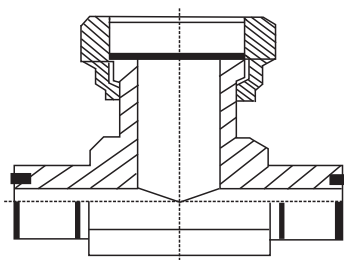
BSPT MALE TEES

ITEMS	DESCRIPTION	BSP THREAD
AT98-02	1/8 BSPT MALE TEE	1/8 BSPT
AT98-04	1/4 BSPT MALE TEE	1/4 BSPT
AT98-06	3/8 BSPT MALE TEE	3/8 BSPT
AT98-08	1/2 BSPT MALE TEE	1/2 BSPT
AT98-12	3/4 BSPT MALE TEE	3/4 BSPT
AT98-16	1" BSPT MALE TEE	1" BSPT



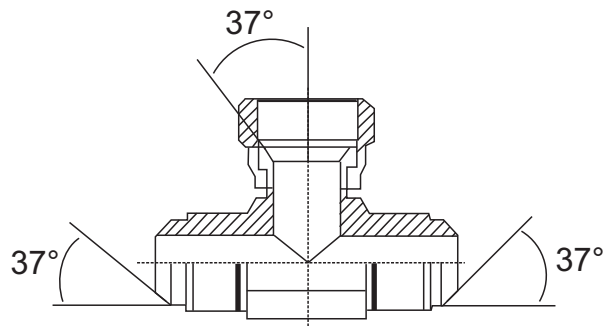
ORFS MALE - ORFS FEMALE BRANCH TEE

ITEMS	DESCRIPTION	ORFS MALE	ORFS FEMALE ON BRANCH
AT99-04	9/16 ORFS MALE - 9/16 ORFS FEMALE ON BRANCH	9/16-18	9/16-18
AT99-06	11/16 ORFS MALE - 11/16 ORFS FEMALE ON BRANCH	11/16-16	11/16-16
AT99-08	13/16 ORFS MALE - 13/16 ORFS FEMALE ON BRANCH	13/16-16	13/16-16
AT99-10	1" ORFS MALE - 1" ORFS FEMALE ON BRANCH	1-14	1-14
AT99-12	1 3/16 ORFS MALE - 1 3/16 ORFS FEMALE ON BRANCH	1 3/16-12	1 3/16-12
AT99-16	1 7/16 ORFS MALE - 1 7/16 ORFS FEMALE ON BRANCH	1 7/16-12	1 7/16-12



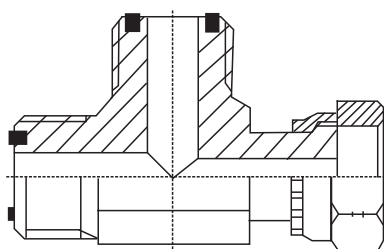
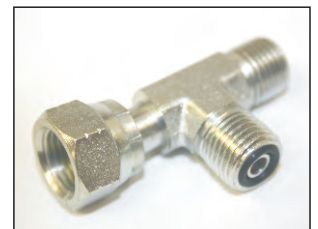
JIC MALE - JIC FEMALE ON BRANCH TEE

ITEMS	DESCRIPTION	JIC MALE	JIC FEMALE ON BRANCH
AT100-04	7/16 JIC MALE - 7/16 JIC FEMALE ON BRANCH	7/16-20	7/16-20
AT100-05	1/2 JIC MALE - 1/2 JIC FEMALE ON BRANCH	1/2-20	1/2-20
AT100-06	9/16 JIC MALE - 9/16 JIC FEMALE ON BRANCH	9/16-18	9/16-18
AT100-08	3/4 JIC MALE - 3/4 JIC FEMALE ON BRANCH	3/4-16	3/4-16
AT100-10	7/8 JIC MALE - 7/8 JIC FEMALE ON BRANCH	7/8-14	7/8-14
AT100-12	1 1/16 JIC MALE - 1 1/16 JIC FEMALE ON BRANCH	1 1/16-12	1 1/16-12
AT100-16	1 5/16 JIC MALE - 1 5/16 JIC FEMALE ON BRANCH	1 5/16-12	1 5/16-12
AT100-20	1 5/8 JIC MALE - 1 5/8 JIC FEMALE ON BRANCH	1 5/8-12	1 5/8-12
AT100-24	1 7/8 JIC MALE - 1 7/8 JIC FEMALE ON BRANCH	1 7/8-12	1 7/8-12



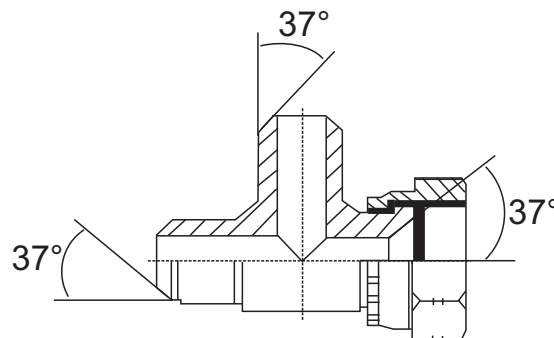
ORFS MALE - ORFS FEMALE ON RUN TEE

ITEMS	DESCRIPTION	ORFS MALE	ORFS FEMALE ON RUN
AT101-04	9/16 ORFS MALE - 9/16 ORFS FEMALE ON RUN	9/16-18	9/16-18
AT101-06	11/16 ORFS MALE - 11/16 ORFS FEMALE ON RUN	11/16-16	11/16-16
AT101-08	13/16 ORFS MALE - 13/16 ORFS FEMALE ON RUN	13/16-16	13/16-16
AT101-10	1" ORFS MALE - 1" ORFS FEMALE ON RUN	1-14	1-14
AT101-12	1 3/16 ORFS MALE - 1 3/16 ORFS FEMALE ON RUN	1 3/16-12	1 3/16-12
AT101-16	1 7/16 ORFS MALE - 1 7/16 ORFS FEMALE ON RUN	1 7/16-12	1 7/16-12
AT101-20	1 11/16 ORFS MALE - 1 11/16 ORFS FEMALE ON RUN	1 11/16-12	1 11/16-12



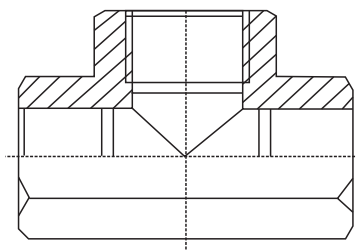
JIC MALE - JIC FEMALE ON RUN TEE

ITEMS	DESCRIPTION	JIC MALE	JIC FEMALE ON RUN
AT102-04	7/16 JIC MALE - 7/16 JIC FEMALE ON RUN	7/16-20	7/16-20
AT102-05	1/2 JIC MALE - 1/2 JIC FEMALE ON RUN	1/2-20	1/2-20
AT102-06	9/16 JIC MALE - 9/16 JIC FEMALE ON RUN	9/16-18	9/16-18
AT102-08	3/4 JIC MALE - 3/4 JIC FEMALE ON RUN	3/4-16	3/4-16
AT102-10	7/8 JIC MALE - 7/8 JIC FEMALE ON RUN	7/8-14	7/8-14
AT102-12	1 1/16 JIC MALE - 1 1/16 JIC FEMALE ON RUN	1 1/16-12	1 1/16-12
AT102-16	1 5/16 JIC MALE - 1 5/16 JIC FEMALE ON RUN	1 5/16-12	1 5/16-12
AT102-20	1 5/8 JIC MALE - 1 5/8 JIC FEMALE ON RUN	1 5/8-12	1 5/8-12
AT102-24	1 7/8 JIC MALE - 1 7/8 JIC FEMALE ON RUN	1 7/8-12	1 7/8-12



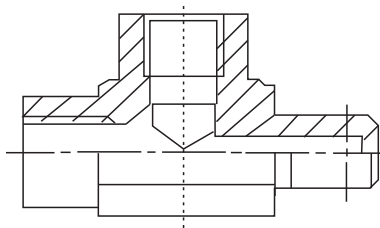
BSP FEMALE TEE

ITEMS	DESCRIPTION	BSP FEMALE
AT103-02	1/8 BSP FEMALE TEE	1/8 BSP
AT103-04	1/4 BSP FEMALE TEE	1/4 BSP
AT103-06	3/8 BSP FEMALE TEE	3/8 BSP
AT103-08	1/2 BSP FEMALE TEE	1/2 BSP
AT103-12	3/4 BSP FEMALE TEE	3/4 BSP
AT103-16	1" BSP FEMALE TEE	1" BSP
AT103-20	1 1/4 BSP FEMALE TEE	1 1/4 BSP
AT103-24	1 1/2 BSP FEMALE TEE	1 1/2 BSP



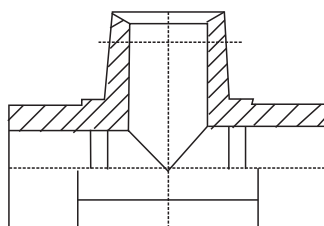
NPT FEMALE - NPT MALE ON RUN TEE

ITEMS	DESCRIPTION	NPT FEMALE	NPT MALE
AT106-02	1/8 NPT FEMALE - 1/8 NPT MALE ON RUN	1/8 NPT	1/8 NPT
AT106-04	1/4 NPT FEMALE - 1/4 NPT MALE ON RUN	1/4 NPT	1/4 NPT
AT106-06	3/8 NPT FEMALE - 3/8 NPT MALE ON RUN	3/8 NPT	3/8 NPT
AT106-08	1/2 NPT FEMALE - 1/2 NPT MALE ON RUN	1/2 NPT	1/2 NPT
AT106-12	3/4 NPT FEMALE - 3/4 NPT MALE ON RUN	3/4 NPT	3/4 NPT
AT106-16	1" NPT FEMALE - 1" NPT MALE ON RUN	1" NPT	1" NPT
AT106-20	1 1/4 NPT FEMALE - 1 1/4 NPT MALE ON RUN	1 1/4 NPT	1 1/4 NPT



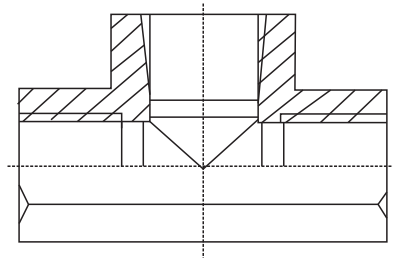
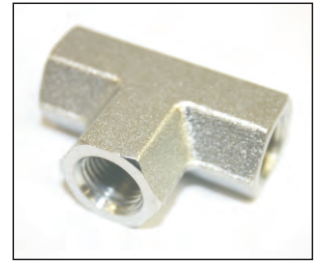
NPT FEMALE - NPT MALE ON BRANCH TEE

ITEMS	DESCRIPTION	NPT FEMALE	NPT MALE
AT107-02	1/8 NPT FEMALE - 1/8 NPT MALE ON BRANCH	1/8 NPT	1/8 NPT
AT107-04	1/4 NPT FEMALE - 1/4 NPT MALE ON BRANCH	1/4 NPT	1/4 NPT
AT107-06	3/8 NPT FEMALE - 3/8 NPT MALE ON BRANCH	3/8 NPT	3/8 NPT
AT107-08	1/2 NPT FEMALE - 1/2 NPT MALE ON BRANCH	1/2 NPT	1/2 NPT
AT107-12	3/4 NPT FEMALE - 3/4 NPT MALE ON BRANCH	3/4 NPT	3/4 NPT
AT107-16	1" NPT FEMALE - 1" NPT MALE ON BRANCH	1" NPT	1" NPT



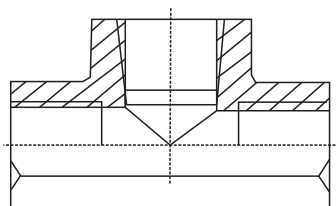
NPT FEMALE TEE

ITEMS	DESCRIPTION	NPT FEMALE
AT104-02	1/8 NPT FEMALE TEE	1/8 NPT
AT104-04	1/4 NPT FEMALE TEE	1/4 NPT
AT104-06	3/8 NPT FEMALE TEE	3/8 NPT
AT104-08	1/2 NPT FEMALE TEE	1/2 NPT
AT104-12	3/4 NPT FEMALE TEE	3/4 NPT
AT104-16	1" NPT FEMALE TEE	1" NPT
AT104-20	1 1/4 NPT FEMALE TEE	1 1/4 NPT
AT104-24	1 1/2 NPT FEMALE TEE	1 1/2 NPT
AT104-32	2" NPT FEMALE TEE	2" NPT



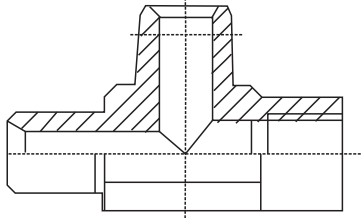
BSPT FEMALE TEE

ITEMS	DESCRIPTION	BSPT FEMALE	PRICE
AT105-02	1/8 BSPT FEMALE TEE	1/8 BSPT	64.40
AT105-04	1/4 BSPT FEMALE TEE	1/4 BSPT	72.25
AT105-06	3/8 BSPT FEMALE TEE	3/8 BSPT	100.30
AT105-08	1/2 BSPT FEMALE TEE	1/2 BSPT	118.50
AT105-12	3/4 BSPT FEMALE TEE	3/4 BSPT	170.50
AT105-16	1" BSPT FEMALE TEE	1" BSPT	246.90



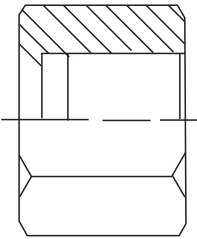
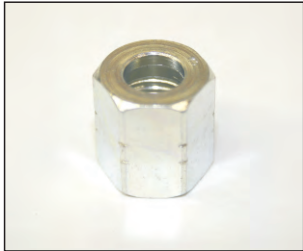
NPT MALE - NPT FEMALE ON RUN TEE

ITEMS	DESCRIPTION	NPT MALE	NPT FEMALE
AT108-06	3/8 NPT MALE - 3/8 NPT FEMALE ON RUN	3/8 NPT	3/8 NPT
AT108-08	1/2 NPT MALE - 1/2 NPT FEMALE ON RUN	1/2 NPT	1/2 NPT
AT108-12	3/4 NPT MALE - 3/4 NPT FEMALE ON RUN	3/4 NPT	3/4 NPT



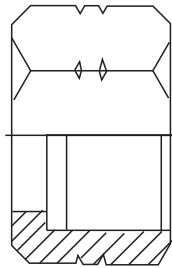
JIC TUBE NUTS

ITEMS	DESCRIPTION	JIC THREAD	TUBE OD
AN109-04	7/16 JIC TUBE NUT	7/16-20	06MM
AN109-05	1/2 JIC TUBE NUT	1/2-20	08MM
AN109-06	9/16 JIC TUBE NUT	9/16-18	10MM
AN109-08	3/4 JIC TUBE NUT	3/4-16	12MM
AN109-10	7/8 JIC TUBE NUT	7/8-14	16MM
AN109-12	1 1/16 JIC TUBE NUT	1 1/16-12	18MM
AN109-12A	1 1/16 JIC TUBE NUT	1 1/16-12	20MM
AN109-16	1 5/16 JIC TUBE NUT	1 5/16-12	25MM
AN109-20	1 5/8 JIC TUBE NUT	1 5/8-12	32MM
AN109-24	1 7/8 JIC TUBE NUT	1 7/8-12	38MM
AN109-32	2 1/2 JIC TUBE NUT	2 1/2-12	50MM



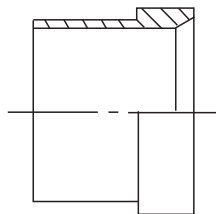
ORFS TUBE NUTS

ITEMS	DESCRIPTION	ORFS THREAD	TUBE OD
AN110-04	9/16 ORFS TUBE NUT	9/16-18	06MM
AN110-06	11/16 ORFS TUBE NUT	11/16-16	10MM
AN110-08	13/16 ORFS TUBE NUT	13/16-16	12MM
AN110-10	1" ORFS TUBE NUT	1-14	16MM
AN110-12	1 3/16 ORFS TUBE NUT	1 3/16-12	20MM
AN110-16	1 7/16 ORFS TUBE NUT	1 7/16-12	25MM
AN110-20	1 11/16 ORFS TUBE NUT	1 11/16-12	30MM



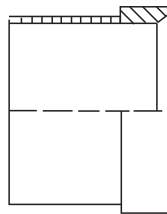
IMPERIAL SLEEVES

ITEMS	DESCRIPTION	TUBE OD
ASL111-04	1/4 SLEEVE	1/4
ASL111-05	5/16 SLEEVE	5/16
ASL111-06	3/8 SLEEVE	3/8
ASL111-08	1/2 SLEEVE	1/2
ASL111-10	5/8 SLEEVE	5/8
ASL111-12	3/4 SLEEVE	3/4
ASL111-16	1" SLEEVE	1"
ASL111-20	1 1/4 SLEEVE	1 1/4



METRIC SLEEVES

ITEMS	DESCRIPTION	TUBE OD	AN109 NUT TO SUIT
ASL112-06	06MM SLEEVE	06MM	-04
ASL112-08	08MM SLEEVE	08MM	-05
ASL112-10	10MM SLEEVE	10MM	-06
ASL112-12	12MM SLEEVE	12MM	-08
ASL112-14	14MM SLEEVE	14MM	
ASL112-15	15MM SLEEVE	15MM	
ASL112-16	16MM SLEEVE	16MM	-10
ASL112-18	18MM SLEEVE	18MM	-12
ASL112-20	20MM SLEEVE	20MM	
ASL112-20A	20MM SLEEVE	20MM	-12A
ASL112-22	22MM SLEEVE	22MM	
ASL112-25	25MM SLEEVE	25MM	-16
ASL112-28	28MM SLEEVE	28MM	
ASL112-30	30MM SLEEVE	30MM	
ASL112-32	32MM SLEEVE	32MM	
ASL112-38	38MM SLEEVE	38MM	



ORFS SLEEVES

ITEMS	DESCRIPTION	TUBE OD	AN110 NUT TO SUIT
ASL113-06	06MM ORFS SLEEVE	06MM	-04
ASL113-10	10MM ORFS SLEEVE	10MM	-06
ASL113-12	12MM ORFS SLEEVE	12MM	-08
ASL113-16	16 MM ORFS SLEEVE	16MM	-10
ASL113-20	20MM ORFS SLEEVE	20MM	-12
ASL113-25	25MM ORFS SLEEVE	25MM	-16
ASL113-30	30MM ORFS SLEEVE	30MM	-20

