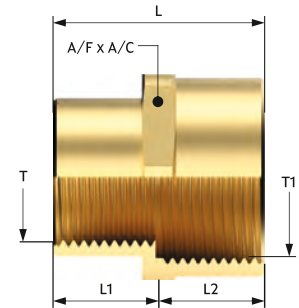


Adaptor Coupling

- Size** : 16mm to 100mm & 3/8" to 3 1/2" NPT/BSP
- Standard** : EN IEC 60079-0:2018, EN/IEC 60079-1:2014, EN IEC 60079-7:2015+A1:2018, IS/IEC 60079-31:2014/2013
- Feature** : We offer a range of adaptors Coupling for industrial and hazardous area application which provide effectiveness connection between cable entry devices and equipment having dissimilar thread. Adaptors are used where the thread size of the cable gland or connection device is larger than, or of an equivalent size, to the entry thread of the enclosure. Converts Feale threads to Female threads. Converts mismatching threads to the required thread.
- IECEX Certificate No.** : IECEX ITS 16.0041X
- ATEX Certificate No.** : ETL22ATEX0109X
- EAC Certificate No.** : T C RU C-IN. Г Б 08.B.02588
- PESO Certificate No.** : P462800/1
- CIMFR Certificate No.:** CMF 19 INEX 0006
- Code of Protection** : Ex db IIC Gb, Ex eb IIC Gb, Ex tb IIIC Db
- Area Classification** : Zone 1 of Gas Group IIB/IIC
- Ingress Protection** : Depend upon connecting equipment IP Rating
- Operating Temp.** : -60°C to +135°C
- Material** : Brass CW614N/CW617N/EN12165, SS316L
- Thread** : Metric, NPT, BSP & ET



ADAPTOR COUPLING METRIC TO METRIC

Code	Size	A/F	A/C	L1	L2	L	T1	T2
AC-16	M16	20.00	22.00	15.00	15.00	32.00	M16×1.5	M16×1.5
AC-20	M20	24.00	26.20	15.00	15.00	32.00	M20×1.5	M20×1.5
AC-25	M25	30.00	33.00	15.00	15.00	32.00	M25×1.5	M25×1.5
AC-32	M32	35.00	38.00	15.00	15.00	32.00	M32×1.5	M32×1.5
AC-40	M40	46.00	50.60	15.00	15.00	32.00	M40×1.5	M40×1.5
AC-50	M50	55.00	60.00	15.00	15.00	32.00	M50×1.5	M50×1.5
AC-63	M63	68.00	72.00	15.00	15.00	32.00	M63×1.5	M63×1.5
AC-75	M75	80.00	85.00	15.00	15.00	32.00	M75×1.5	M75×1.5

ADAPTOR NIPPLE NPT TO NPT

Code	Size	A/F	A/C	L1	L2	L	T1	T2
AC-38N	3/8 NPT	20.00	22.25	15.00	15.00	32.00	3/8 NPT	3/8 NPT
AC-12N	1/2 NPT	24.00	26.20	16.00	16.00	34.00	1/2 NPT	1/2 NPT
AC-34N	3/4 NPT	30.00	33.00	16.00	16.00	34.00	3/4 NPT	3/4 NPT
AC-1N	1 NPT	35.00	38.00	19.00	19.00	40.00	1 NPT	1 NPT
AC-114N	1 1/4 NPT	46.00	50.60	19.00	19.00	40.00	1 1/4 NPT	1 1/4 NPT
AC-112N	1 1/2 NPT	55.00	60.00	21.00	21.00	44.00	1 1/2 NPT	1 1/2 NPT
AC-2N	2 NPT	68.00	72.00	21.00	21.00	44.00	2 NPT	2 NPT
AC-212N	2 1/2 NPT	80.00	85.00	30.00	30.00	62.00	2 1/2 NPT	2 1/2 NPT

ADAPTOR NIPPLE BSP TO BSP

Code	Size	A/F	A/C	L1	L2	L	T1	T2
AC-38G	3/8 G	20.00	22.00	15.00	15.00	32.00	3/8 G	3/8 G
AC-12G	1/2 G	24.00	26.20	15.00	15.00	32.00	1/2 G	1/2 G
AC-34G	3/4 G	30.00	33.00	15.00	15.00	32.00	3/4 G	3/4 G
AC-1G	1 G	36.00	39.20	18.00	18.00	38.00	1 G	1 G
AC-114G	1 1/4 G	46.00	50.60	18.00	18.00	38.00	1 1/4 G	1 1/4 G
AC-112G	1 1/2 G	55.00	60.00	18.00	18.00	38.00	1 1/2 G	1 1/2 G
AC-2G	2 G	68.00	72.00	18.00	18.00	38.00	2 G	2 G
AC-212G	2 1/2 G	80.00	85.00	18.00	18.00	38.00	2 1/2 G	2 1/2 G

ADAPTOR NIPPLE METRIC TO NPT

Code	Size	A/F	A/C	L1	L2	L	T1	T2
AC-16-38N	16-3/8" NPT	24.00	26.20	15.00	16.00	16.00	M16×1.5	3/8" NPT
AC-16-12N	16-1/2" NPT	24.00	26.20	15.00	16.00	16.00	M16×1.5	1/2" NPT
AC-20-12N	20-1/2" NPT	24.00	26.20	15.00	16.00	16.00	M20×1.5	1/2" NPT
AC-20-34N	20-3/4" NPT	32.00	35.00	15.00	16.00	16.00	M20×1.5	3/4" NPT
AC-25-34N	25-3/4" NPT	32.00	35.00	15.00	16.00	16.00	M25×1.5	3/4" NPT
AC-25-1N	25-1" NPT	38.00	42.00	15.00	19.00	18.00	M25×1.5	1" NPT



ADAPTOR NIPPLE							METRIC TO NPT	
Code	Size	A/F	A/C	L1	L2	L	T1	T2
AC-32-1N	32-1" NPT	38.00	42.00	15.00	19.00	18.00	M32x1.5	1" NPT
AC-32-114N	32-1¼" NPT	46.00	50.60	15.00	19.00	19.00	M32x1.5	1¼" NPT
AC-40-114N	40-1¼" NPT	46.00	50.60	15.00	19.00	19.00	M40x1.5	1¼" NPT
AC-40-112N	40-1½" NPT	55.00	60.00	15.00	21.00	19.00	M40x1.5	1½" NPT
AC-50-112N	50-1½" NPT	55.00	60.00	15.00	21.00	19.00	M50x1.5	1½" NPT
AC-50-2N	50-2" NPT	65.00	70.00	15.00	21.00	19.00	M50x1.5	2" NPT
AC-63-2N	63-2" NPT	68.00	72.00	15.00	21.00	19.00	M63x1.5	2" NPT
AC-63-212N	63-2½" NPT	80.00	85.00	15.00	30.00	25.00	M63x1.5	2½" NPT
AC-75-212N	75-2½" NPT	80.00	85.00	15.00	30.00	25.00	M75x1.5	2½" NPT

ADAPTOR NIPPLE							METRIC TO BSP	
Code	Size	A/F	A/C	L1	L2	L	T1	T2
AC-16-38G	16-⅜"G	24.00	26.20	15.00	15.00	30.00	M16x1.5	⅜"G
AC-16-12G	16-½"G	24.00	26.20	15.00	15.00	30.00	M16x1.5	½"G
AC-20-12G	20-½"G	24.00	26.20	15.00	15.00	30.00	M20x1.5	½"G
AC-20-34G	20-¾"G	32.00	35.00	15.00	15.00	30.00	M20x1.5	¾"G
AC-25-34G	25-¾"G	32.00	35.00	15.00	15.00	30.00	M25x1.5	¾"G
AC-25-1G	25-1"G	38.00	42.00	15.00	18.00	33.00	M25x1.5	1"G
AC-32-1G	32-1"G	38.00	42.00	15.00	18.00	33.00	M32x1.5	1"G
AC-32-114G	32-1¼"G	46.00	50.60	15.00	18.00	33.00	M32x1.5	1¼"G
AC-40-114G	40-1¼"G	46.00	50.60	15.00	18.00	33.00	M40x1.5	1¼"G
AC-40-112G	40-1½"G	55.00	60.00	15.00	18.00	33.00	M40x1.5	1½"G
AC-50-112G	50-1½"G	55.00	60.00	15.00	18.00	33.00	M50x1.5	1½"G
AC-50-2G	50-2"G	65.00	70.00	15.00	18.00	33.00	M50x1.5	2"G
AC-63-2G	63-2"G	68.00	72.00	15.00	18.00	33.00	M63x1.5	2"G
AC-63-212G	63-2½"G	80.00	85.00	15.00	18.00	33.00	M63x1.5	2½"G
AC-75-212G	75-2½"G	80.00	85.00	15.00	18.00	33.00	M75x1.5	2½"G

ADAPTOR COUPLING							METRIC TO METRIC (REDUCING)	
Code	Size	A/F	A/C	L1	L2	L	T1	T2
AC-16-20	M16-M20	24.00	26.20	15.00	15.00	30.00	M16x1.5	M20x1.5
AC-20-25	M20-M25	32.00	35.00	15.00	15.00	30.00	M20x1.5	M25x1.5
AC-25-32	M25-M32	38.00	42.00	15.00	15.00	30.00	M25x1.5	M32x1.5
AC-32-40	M32-M40	46.00	50.60	15.00	15.00	30.00	M32x1.5	M40x1.5
AC-40-50	M40-M50	55.00	60.00	15.00	15.00	30.00	M40x1.5	M50x1.5
AC-50-63	M50-M63	65.00	70.00	15.00	15.00	30.00	M50x1.5	M63x1.5
AC-63-75	M63-M75	80.00	85.00	15.00	15.00	30.00	M63x1.5	M75x1.5

ADAPTOR COUPLING							NPT TO NPT (REDUCING)	
Code	Size	A/F	A/C	L1	L2	L	T1	T2
AC-38N-12N	⅜ NPT-½ NPT	24.00	26.20	15.00	16.00	31.00	⅜ NPT	½ NPT
AC-12N-34N	½ NPT-¾ NPT	32.00	35.00	16.00	16.00	32.00	½ NPT	¾ NPT
AC-34N-1N	¾ NPT-1 NPT	38.00	42.00	16.00	18.00	34.00	¾ NPT	1 NPT
AC-1N-114N	1 NPT-1¼ NPT	46.00	50.60	18.00	19.00	37.00	1 NPT	1¼ NPT
AC-114N-112N	1¼ NPT-1½ NPT	55.00	60.00	19.00	19.00	38.00	1¼ NPT	1½ NPT
AC-112N-2N	1½ NPT-2 NPT	65.00	70.00	19.00	19.00	38.00	1½ NPT	2 NPT
AC-2N-212N	2 NPT-2½ NPT	80.00	85.00	19.00	25.00	44.00	2 NPT	2½ NPT

ADAPTOR COUPLING							BSP TO BSP (REDUCING)	
Code	Size	A/F	A/C	L1	L2	L	T1	T2
AC-38G-12G	⅜G-½G	24.00	26.20	15.00	15.00	30.00	⅜ BSP	½ BSP
AC-12G-34G	½G-¾G	32.00	35.00	15.00	15.00	30.00	½ BSP	¾ BSP
AC-34G-1G	¾G-1G	38.00	42.00	18.00	15.00	33.00	¾ BSP	1 BSP
AC-1G-114G	1G-1¼G	46.00	50.60	18.00	18.00	36.00	1 BSP	1¼ BSP
AC-114G-112G	1¼G-1½G	55.00	60.00	18.00	18.00	36.00	1¼ BSP	1½ BSP
AC-112G-2G	1½G-2G	65.00	70.00	18.00	18.00	36.00	1½ BSP	2 BSP
AC-2G-212G	2G-2½G	80.00	85.00	18.00	18.00	36.00	2 BSP	2½ BSP



ADAPTOR COUPLING							ET TO ET	
Code	Size	A/F	A/C	L1	L2	L	T1	T2
AC-34ET	¾"ET	24.00	26.20	15.00	15.00	32.00	¾"ET	¾"ET
AC-1ET	1"ET	30.00	33.00	15.00	15.00	32.00	1"ET	1"ET
AC-114ET	1¼"ET	35.00	38.00	15.00	15.00	32.00	1¼"ET	1¼"ET
AC-112ET	1½"ET	44.00	49.00	15.00	15.00	32.00	1½"ET	1½"ET
AC-2ET	2"ET	55.00	60.00	15.00	15.00	32.00	2"ET	2"ET
AC-212ET	2½"ET	68.00	73.00	15.00	15.00	32.00	2½"ET	2½"ET
AC-3ET	3"ET	80.00	85.00	15.00	15.00	32.00	3"ET	3"ET

ADAPTOR COUPLING							ET TO ET (REDUCING)	
Code	Size	A/F	A/C	L1	L2	L	T1	T2
AC-34ET-1ET	¾"ET x 1"ET	32.00	35.00	15.00	15.00	30.00	¾"ET	1"ET
AC-1ET-114ET	1"ET x 1¼"ET	38.00	42.00	15.00	15.00	30.00	1"ET	1¼"ET
AC-114ET-112ET	1¼"ET x 1½"ET	46.00	50.60	15.00	15.00	30.00	1¼"ET	1½"ET
AC-112ET-2ET	1½"ET x 2"ET	55.00	60.00	15.00	15.00	30.00	1½"ET	2"ET
AC-2ET-212ET	2"ET x 2½"ET	65.00	70.00	15.00	15.00	30.00	2"ET	2½"ET
AC-212ET-3ET	2½"ET x 3"ET	80.00	85.00	15.00	15.00	30.00	2½"ET	3"ET

ADAPTOR COUPLING							METRIC TO ET	
Code	Size	A/F	A/C	L1	L2	L	T1	T2
AC-20-34ET	M20 x¾"ET	24.00	26.20	15.00	15.00	33.00	M20x1.5	¾"ET
AC-25-1ET	M25 x1"ET	32.00	35.00	15.00	15.00	33.00	M25x1.5	1"ET
AC-32-114ET	M32 x1¼"ET	38.00	42.00	15.00	15.00	33.00	M32x1.5	1¼"ET
AC-40-112ET	M40 x1½"ET	46.00	50.60	15.00	15.00	33.00	M40x1.5	1½"ET
AC-50-2ET	M50 x2"ET	55.00	60.00	15.00	15.00	33.00	M50x1.5	2"ET
AC-63-212ET	M63 x2½"ET	68.00	73.00	15.00	15.00	33.00	M63x1.5	2½"ET
AC-75-3ET	M75 x3"ET	80.00	85.00	15.00	15.00	33.00	M75x1.5	3"ET

ADAPTOR NIPPLE							BSP (G) TO ET	
Code	Size	A/F	A/C	L1	L2	L	T1	T2
AC-12G-34ET	½" BSP x¾"ET	24.00	26.20	15.00	15.00	33.00	½" BSP	¾"ET
AC-34G-1ET	¾" BSP x1"ET	32.00	35.00	15.00	15.00	33.00	¾" BSP	1"ET
AC-1G-114ET	1" BSP x1¼"ET	38.00	42.00	18.00	15.00	33.00	1" BSP	1¼"ET
AC-114G-112ET	1¼" BSP x1½"ET	46.00	50.60	18.00	15.00	33.00	1¼" BSP	1½"ET
AC-112G-2ET	1½" BSP x2"ET	55.00	60.00	18.00	15.00	33.00	1½" BSP	2"ET
AC-2G-212ET	2" BSP x2½"ET	68.00	73.00	18.00	15.00	33.00	2" BSP	2½"ET
AC-7212G-3ET	2½" BSP x3"ET	80.00	85.00	18.00	15.00	33.00	2½" BSP	3"ET

PRODUCT CODE FOR ORDERING PURPOSE				
Type	Male Thread Size (T)	Female Thread Size (T1)	Material	Accessories
AC	Metric... e.g. 20....(for M20)	Metric... e.g. 20....(for M20)	Brass-1	Lock Nut-5
	NPT (N)... e.g. 12N....(for ½ NPT)	NPT (N)... e.g. 12N....(for ½ NPT)	Stainless Steel-2	IP Washer-6
	BSP (G)... e.g. 12G....(for ½ BSP)	BSP (G)... e.g. 12G....(for ½ BSP)	Nickel Plated-3	
	ET... e.g. 34ET....(for ¾ ET)	ET... e.g. 34ET....(for ¾ ET)		

ORDERING INFORMATION	
Code : AC-16-1 / AC-16-12N-1 - M16xM16 Brass Adaptor Coupling - M16x½" NPT Brass Adaptor Coupling	AC =Adaptor Coupling, 16 =Female Thread Size (M16), 12N=Female Thread Size (½ NPT), 1= With Brass Material,