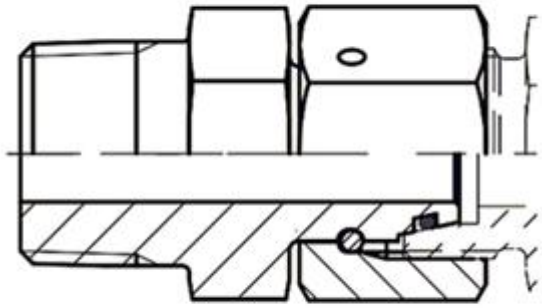
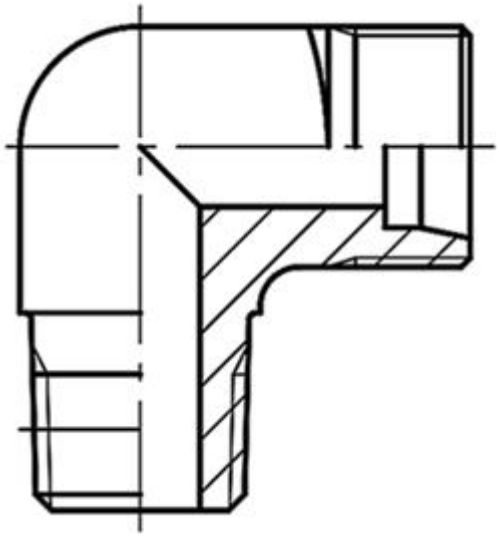
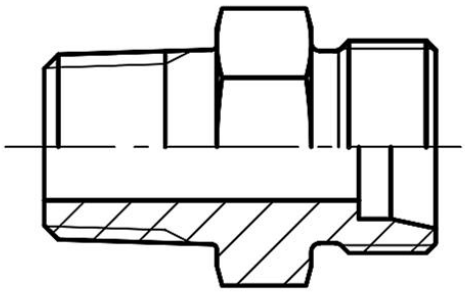
DIN HYDRAULIC FITTINGS DIN 2353/ISO 8434-1 SAE ORB

DIN NPT Stud Fitting/NPTF Stud Connector





From 24 Degree Cone to NPT Stud Fittings



NPT STUD WITH SEALING BY TAPER THREAD TYPES:

NPT male stud standard of ANSI B1.20.1.1-1983

NPTF male stud standard of SAE J476A

Shapes of DIN NPT Stud Fittings

Straight Stud DIN NPT Adapter

90 Degree Elbow DIN NPT Adapter

Straight Swivel DIN NPT adapter

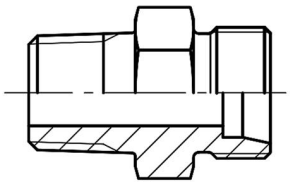
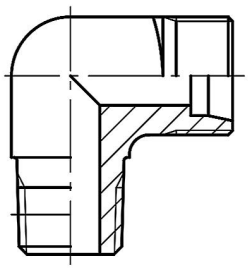
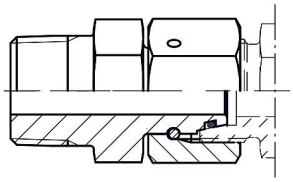
FITSCH

DIN Male NPT Stud Fittings Introduction

This male stud connector is from DIN 24 degree cone tube end to NPT stud ends,ANSI B1.20.1-1983 NPT taper thread sealing by fluid or plastic sealing material, SAE J476A NPTF taper thread sealing by closer tolerance are held to assure metal to metal contact dryseal thread.. NPT will be matched with ANSI B1.20.1-1983 threads port, NPTF will be matched with SAE J476A ANSI B1.20.3. It is mainly used in north America and others.

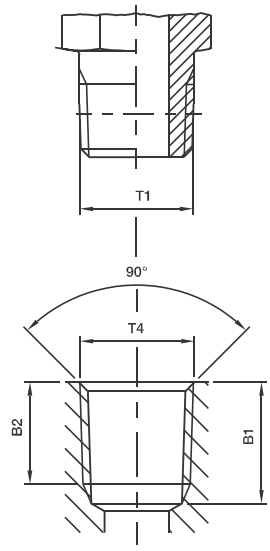
Overview catalogue Of DIN Male NPT Stud Fittings Connectors

DIN male NPT stud fitting is made of these shapes(Parker-Eaton series no), from hex bar or forging body as follows:

GE-NPT / 1CN	WEE-NPT / 1CN9	EGE-NPT / 2NC
		

Dimensions Of DIN Male NPT Stud Fittings

Male stud NPT/F Sealing: Tapered thread NPT ANSI/ASME B 1.20.1-1983; NPTF ANSI/ASME B 1.20.3-1976



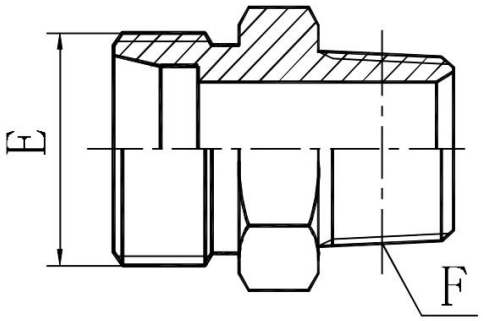
Thread T1	B1 min.	B2 min.
1/8-27 NPT/F*	11.6	6.9
1/4-18 NPT/F*	16.4	10
3/8-18 NPT/F*	17.4	10.3
1/2-14 NPT/F*	22.6	13.6
3/4-14 NPT/F*	23.1	14.1
1-11.5 NPT/F*	27.8	16.8
11/4-11.5 NPT/F*	28.3	17.3
11/2-11.5 NPT/F*	28.3	17.3

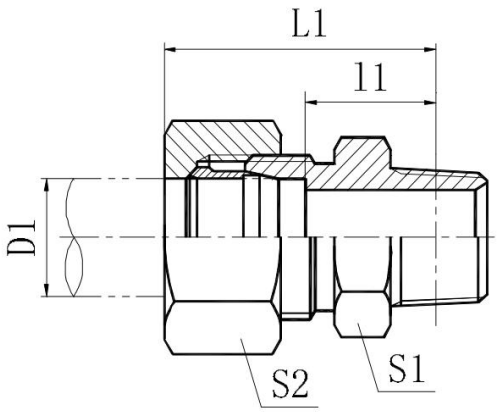
Port NPT/F (taper): NPT ANSI/ASME B 1.20.1-1983; NPTF ANSI/ASME B 1.20.3-1976

DIN NPT MALE STUD FITTING CATALOG

1CN Straight DIN NPT Fittings

DIN 24° cone end/Male NPT SAE J476A, Parker GE-NPT male NPT stud connector

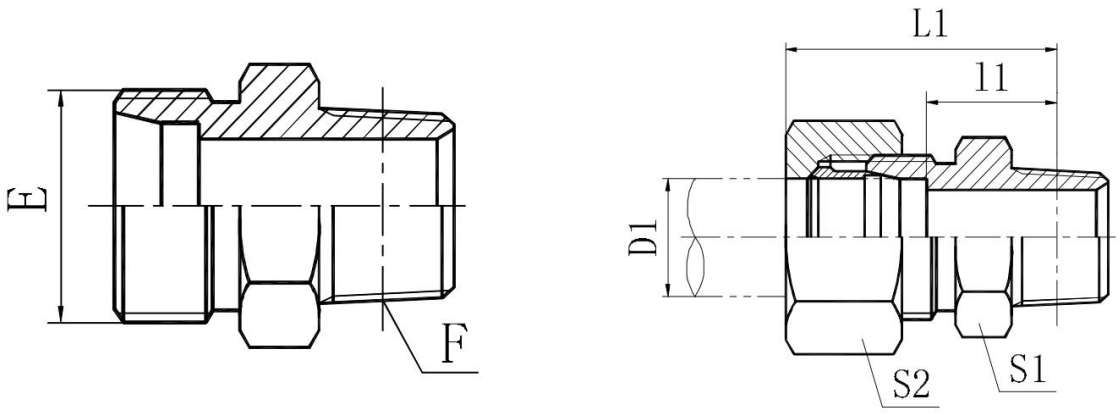




PART NO.	PARKER NO.	E	F	D1	l1	L1	S1	S2
L SERIES								
1CN-10-02LL	GE06LL1/8NPT	M10X1	Z1/8"X27	6	13.9	24.4	12	12
1CN-12-02LL	GE08LL1/8NPT	M12X1	Z1/8"X27	8	14.9	25.4	12	14
1CN-12-02	GE06L1/8NPT	M12X1.5	Z1/8"X27	6	14.4	28.4	12	14
1CN-12-04	GE06L1/4NPT	M12X1.5	Z1/4"X18	6	17.21	32.21	17	14
1CN-14-04	GE08L1/4NPT	M14X1.5	Z1/4"X18	8	17.21	32.21	17	17
1CN-16-04	GE10L1/4NPT	M16X1.5	Z1/4"X18	10	18.21	33.21	17	19
1CN-16-06	GE10L3/8NPT	M16X1.5	Z3/8"X18	10	19.9	53	19	19
1CN-18-04	GE12L1/4NPT	M18X1.5	Z1/4"X18	12	19.21	34.21	19	22
1CN-18-06	GE12L3/8NPT	M18X1.5	Z3/8"X18	12	19.9	34.9	19	22
1CN-18-08	GE12L1/2NPT	M18X1.5	Z1/2"X14	12	21.37	36.37	22	22
1CN-22-08	GE15L1/2NPT	M22X1.5	Z1/2"X14	15	22.37	37.37	24	27
1CN-26-08	GE18L1/2NPT	M26X1.5	Z1/2"X14	18	22.87	39.37	27	32
1CN-26-12	GE18L3/4NPT	M26X1.5	Z3/4"X14	18	22.39	38.89	30	32
1CN-30-08	GE22L1/2NPT	M30X2	Z1/2"X14	22	25.2	40.5	32	36
1CN-30-12	GE22L3/4NPT	M30X2	Z3/4"X14	22	24.39	40.89	32	36
1CN-36-16	GE28L1NPT	M36X2	Z1"X11.5	28	29.84	46.34	41	41
1CN-36-20	GE28L11/4NPT	M36X2	Z1.1/4"X11.5	28	31.3	46.3	46	41
1CN-45-20	GE35L11/4NPT	M45X2	Z1.1/4"X11.5	35	30.33	51.83	46	50
1CN-52-20	GE42L11/4NPT	M52X2	Z1.1/4"X11.5	42	31.8	55.8	55	60
1CN-52-24	GE42L11/2NPT	M52X2	Z1.1/2"X11.5	42	32.83	55.83	55	60

1DN Straight DIN NPT Fittings

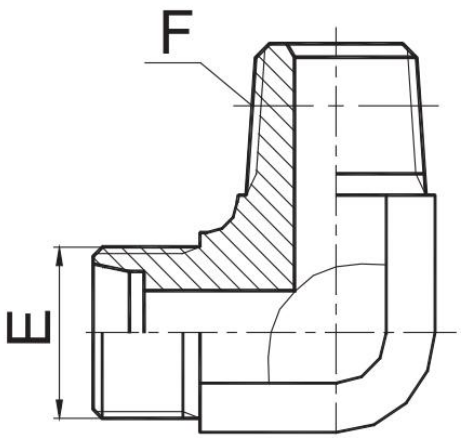
DIN 24° cone end/Male NPT SAE J476A, Parker GE-NPT male NPT stud connector

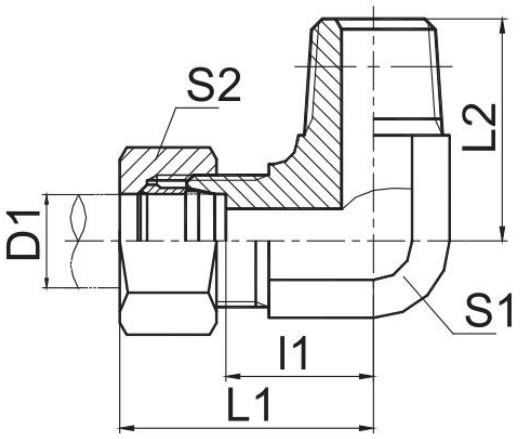


PART NO.	PARKER NO.	E	F	D1	l1	L1	S1	S2
1DN-14-04	GE06S1/4NPT	M14X1.5	Z1/4"X18	6	22.21	37.21	17	17
1DN-16-04	GE08S1/4NPT	M16X1.5	Z1/4"X18	8	22.21	37.21	17	19
1DN-18-04	GE10S1/4NPT	M18X1.5	Z1/4"X18	10	21.71	38.21	19	22
1DN-18-06	GE12S1/4NPT	M18X1.5	Z3/8"X18	10	22.4	38.9	19	22
1DN-20-04	GE12S1/4NPT	M20X1.5	Z1/4"X18	12	23.71	40.21	22	24
1DN-20-06	GE12S3/8NPT	M20X1.5	Z3/8"X18	12	24.4	40.9	22	24
1DN-20-08	GE12S1/2NPT	M20X1.5	Z1/2"X14	12	26.4	42.37	22	24
1DN-22-08	GE14S1/2NPT	M22X1.5	Z1/2"X14	14	27.37	45.37	24	27
1DN-24-08	GE16S1/2NPT	M24X1.5	Z1/2"X14	16	26.87	45.37	27	30
1DN-30-12	GE20S3/4NPT	M30X2	Z3/4"X14	20	28.39	49.89	32	36
1DN-36-12	GE25S3/4NPT	M36X2	Z3/4"X14	25	30.9	34	41	46
1DN-36-16	GE25S1NPT	M36X2	Z1"X11.5	25	35.34	59.34	41	46
1DN-42-16	GE30S1NPT	M42X2	Z1"X11.5	30	35.8	59.3	46	50
1DN-42-20	GE30S11/4NPT	M42X2	Z1.1/4"X11.5	30	36.33	62.83	46	50
1DN-52-24	GE38S11/2NPT	M52X2	Z1.1/2"X11.5	38	39.83	70.83	55	60

1CN9 Elbow DIN NPT Fittings

DIN 24° cone end/Male NPT SAE J476A, Parker WE-NPT male NPT stud connector

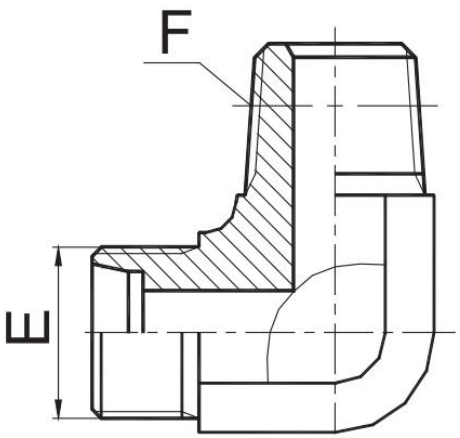


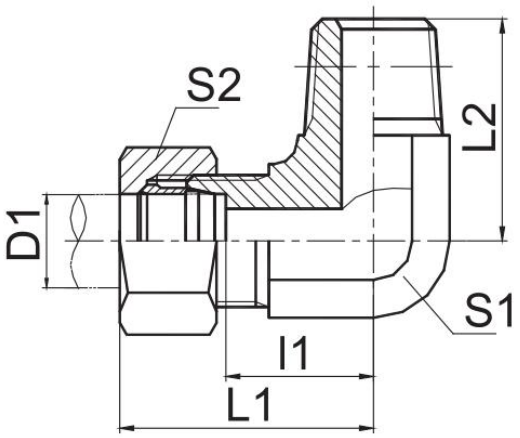


PART NO.	PARKER NO.	E	F	D1	I1	L1	L2	S1	S2
L SERIES									
1CN9-12-02	WE06L1/8NPT	M12X1.5	Z1/8"X27	6	13	28	21	11	14
1CN9-12-04	WE06L1/4NPT	M12X1.5	Z1/4"X18	6	15.5	30.5	25.5	14	14
1CN9-14-04	WE08L1/4NPT	M14X1.5	Z1/4"X18	8	15.5	30.5	25.5	14	17
1CN9-16-06	WE10L3/8NPT	M16X1.5	Z3/8"X18	10	17.5	32.5	29.5	16	19
1CN9-18-04	WE12L1/4NPT	M18X1.5	Z1/4"X18	12	19	34	28	19	22
1CN9-18-06	WE12L3/8NPT	M18X1.5	Z3/8"X18	12	19	34	31	19	22
1CN9-18-08	WE12L1/2NPT	M18X1.5	Z1/2"X14	12	21	36	36.7	22	22
1CN9-22-06	WE15L3/8NPT	M22X1.5	Z3/8"X18	15	22	37	32.5	22	27
1CN9-22-08	WE15L1/2NPT	M22X1.5	Z1/2"X14	15	22	37	36.7	22	27
1CN9-26-08	WE18L1/2NPT	M26X1.5	Z1/2"X14	18	25.5	42	40	27	32
1CN9-26-12	WE18L3/4NPT	M26X1.5	Z3/4"X14	18	25.5	42	44	27	32
1CN9-30-12	WE22L3/4NPT	M30X2	Z3/4"X14	22	29.3	45.8	45	30	36
1CN9-30-16	WE22L1NPT	M30X2	Z1"X11.5	22	32		50	33	36
1CN9-36-16	WE28L1NPT	M36X2	Z1"X11.5	28	33.3	49.8	51.5	36	41
1CN9-45-20	WE35L11/4NPT	M45X2	Z1.1/4"X11.5	35	39.2	60.7	63	48	50
1CN9-52-24	WE42L11/2NPT	M52X2	Z1.1/2"X11.5	42	44.8	67.8	65	55	60

1DN9 Elbow DIN NPT Fittings

DIN 24° cone end/Male NPT SAE J476A, Parker WE-NPT male NPT stud connector

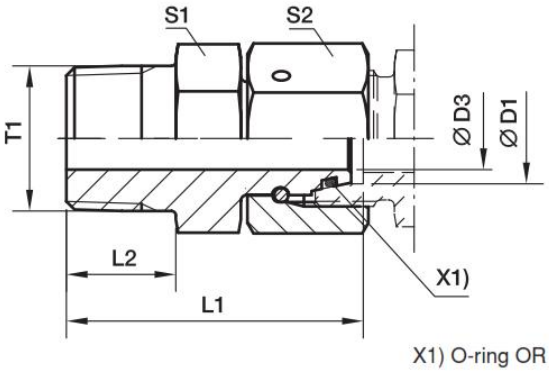




PART NO.	PARKER NO.	E	F	D1	I1	L1	L2	S1	S2
1DN9-14-04	WE06S1/4NPT	M14X1.5	Z1/4"X18	6	17.5	32.5	25.5	14	17
1DN9-16-04	WE08S1/4NPT	M16X1.5	Z1/4"X18	8	18.5	33.7	26.5	16	19
1DN9-18-06	WE10S3/8NPT	M18X1.5	Z3/8"X18	10	19.5	36	31	19	22
1DN9-20-04	WE12S1/4NPT	M20X1.5	Z1/4"X18	12	19.5	36	28	19	24
1DN9-20-06	WE12S3/8NPT	M20X1.5	Z3/8"X18	12	19.5	36	31	19	24
1DN9-22-06	WE14S3/8NPT	M22X1.5	Z3/8"X18	14	23	41	32.5	22	27
1DN9-22-08	WE14S1/2NPT	M22X1.5	Z1/2"X14	14	23	41	36.7	22	27
1DN9-24-06	WE16S3/8NPT	M24X1.5	Z3/8"X18	16	24	42.5	33.5	24	30
1DN9-24-08	WE16S1/2NPT	M24X1.5	Z1/2"X14	16	24	42.5	37.5	24	30
1DN9-30-08	WE20S1/2NPT	M30X2	Z1/2"X14	20	28	49.8	41	30	36
1DN9-30-12	WE20S3/4NPT	M30X2	Z3/4"X14	20	28	49.8	45	30	36
1DN9-36-12	WE25S3/4NPT	M36X2	Z3/4"X14	25	32.8	56.8	49	36	46
1DN9-36-16	WE25S1NPT	M36X2	Z1"X11.5	25	32.8	56.8	51.5	36	46
1DN9-42-16	WE30S1NPT	M42X2	Z1"X11.5	30	36.2	62.7	54.5	41	50
1DN9-42-20	WE30S11/4NPT	M42X2	Z1.1/4"X11.5	30	36.2	62.7	54.5	41	50
1DN9-52-20	WE38S11/4NPT	M52X2	Z1.1/4"X11.5	38	45.8	76.8	65	55	60
1DN9-52-24	WE38S11/2NPT	M52X2	Z1.1/2"X11.5	38	45.8	76.8	65	55	60

2NC 2ND SWVIEL DIN NPT Fittings

DIN 24° DKO cone end/Male NPT SAE J476A, Parker EGE-NPT male NPT stud connector



PART NO.	PARKER NO.	D1	T1	D3	L1	L2	S1	S2	g/1 piece
L SERIES									
2NC-02-12	EGE06L1/8NPT	6	1/8-27NPT	2.5	31.5	10	11	14	23
2NC-04-14	EGE08L1/4NPT	8	1/4-18NPT	4	37.5	14.5	14	17	41
2NC-04-16	EGE10L1/4NPT	10	1/4-18NPT	6	38	14.5	14	19	44
2NC-06-18	EGE12L3/8NPT	12	3/8-18NPT	8	40	14.5	19	22	69
2NC-08-22	EGE15L1/2NPT	15	1/2-14NPT	10	49.5	19.5	22	27	127
2NC-08-26	EGE18L1/2NPT	18	1/2-14NPT	12	49	19.5	24	32	142
2NC-12-30	EGE22L3/4NPT	22	3/4-14NPT	16	52	19.5	27	36	200
2NC-16-36	EGE28L1NPT	28	1-11 1/2NPT	22	61	24.5	36	41	306
2NC-20-45	EGE35L11/4NPT	35	11/4-11 1/2NPT	28	65.5	25	46	50	486
2NC-24-52	EGE42L11/2NPT	42	11/2-11 1/2NPT	34	68.5	26	50	60	662
S SERIES									
2ND-04-14	EGE06S1/4NPT	6	1/4-18NPT	2.5	37.5	14.5	14	17	42
2ND-04-16	EGE08S1/4NPT	8	1/4-18NPT	4	38	14.5	14	19	47
2ND-06-18	EGE10S3/8NPT	10	3/8-18NPT	6	40.5	14.5	19	22	75
2ND-06-20	EGE12S3/8NPT	12	3/8-18NPT	8	42	14.5	19	24	81
2ND-08-22	EGE14S1/2NPT	14	1/2-14NPT	9	50.5	19.5	22	27	131
2ND-08-24	EGE16S1/2NPT	16	1/2-14NPT	11	51	19.5	22	30	145
2ND-12-30	EGE20S3/4NPT	20	3/4-14NPT	14	54	19.5	27	36	221
2ND-16-36	EGE25S1NPT	25	1-11 1/2NPT	18	63.5	24.5	36	46	422
2ND-20-42	EGE30S11/4NPT	30	11/4-11 1/2NPT	23	70.5	25	46	50	628
2ND-24-52	EGE38S11/2NPT	38	11/2-11 1/2NPT	30	73.5	26	50	60	770