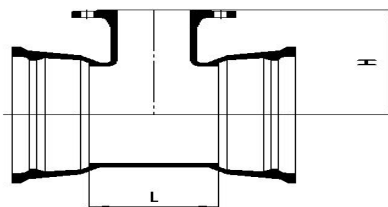


Double EX Socket Tee with Flanged Branch

(EX Fitting)



MATERIAL:

1)Body/Gland/Hooked Bolts and Nuts:

Ductile iron grade 500-7/ 450-12 in accordance with ISO1083

2)Gasket:

Rubber E.P.D.M. in accordance with EN 681.1

SURFACE TREATMENT:

External Coatings :

- 1)Zinc coating +bitumen painting
- 2)Liquid epoxy painting
- 3)Epoxy applied by FBE
- 4) According to customers' requirements.

Internal Coatings:

- 1) Cement mortar lining
- 2)Liquid epoxy painting
- 3) Epoxy applied by FBE
- 4) According to customers' requirements.

TECHNICAL DATA:

1)Working Pressure: 16 Bar or 250 Psi

2)Fluid Temperature: 0°C-50°C, excluding frost.

3)Dimensions and testing in accordance with ISO 2531/EN 545.

NOTE:

The EX joint on this kind of fittings can prevent separation of the assembled joint, and permits more larger angular deflection both during and after installation and which can accept a light offset of the centerline .

DIMENSION LIST (MM)

DN	dn	L	H	Mass without glands (kg)		Mass with glands (kg)		Mass completely (kg)		pattern
				PN10	PN16	PN10	PN16	PN10	PN16	
60	60	145	150	11.10	11.10	16.10	16.10	17.78	17.78	
80	40	145	160	11.20	11.20	16.80	16.80	19.32	19.32	y
80	60	145	160	12.20	12.20	17.80	17.80	20.32	20.32	y
80	80	170	175	13.80	13.80	19.40	19.40	21.92	21.92	
100	60	145	170	14.10	14.10	20.10	20.10	22.62	22.62	
100	80	170	175	15.90	15.90	21.90	21.90	24.42	24.42	
100	100	190	180	17.20	17.20	23.20	23.20	25.72	25.72	
125	60	145	190	16.10	16.10	22.70	22.70	25.22	25.22	
125	80	170	190	17.70	17.70	24.30	24.30	26.82	26.82	
125	100	195	195	19.50	19.50	26.10	26.10	28.62	28.62	
125	125	225	200	22.20	22.20	28.80	28.80	31.32	31.32	
150	60	150	200	19.80	19.80	28.00	28.00	31.36	31.36	
150	80	170	205	20.80	20.80	29.00	29.00	32.36	32.36	
150	100	195	210	23.00	23.00	31.20	31.20	34.56	34.56	
150	125	225	215	25.60	25.60	33.80	33.80	37.16	37.16	
150	150	255	220	28.20	28.20	36.40	36.40	39.76	39.76	
200	60	150	230	25.90	25.90	36.30	36.30	40.50	40.50	

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200	80	175	235	27.70	27.70	38.10	38.10	42.30	42.30	
200	100	200	240	29.60	29.60	40.00	40.00	44.20	44.20	
200	125	225	245	32.00	32.00	42.40	42.40	46.60	46.60	
200	150	255	250	34.90	34.90	45.30	45.30	49.50	49.50	
200	200	315	260	41.10	40.90	51.50	51.30	55.70	55.50	
250	40	175	260	37.60	37.60	48.40	48.00	53.44	53.04	
250	50	175	260	38.20	38.20	49.00	48.60	54.04	53.64	
250	60	175	260	38.60	38.60	49.40	49.00	54.44	54.04	
250	80	175	265	39.40	39.40	50.20	49.80	55.24	54.84	
250	100	175	270	40.30	40.30	51.10	50.70	56.14	55.74	
250	125	240	275	45.20	45.20	56.00	55.60	61.04	60.64	
250	150	240	280	46.80	46.80	57.60	57.20	62.64	62.24	
250	200	355	290	56.60	56.40	67.40	66.80	72.44	71.84	
250	250	355	300	62.00	61.60	72.80	72.00	77.84	77.04	
300	40	180	290	48.90	48.90	65.30	65.30	71.18	71.18	
300	50	180	290	49.50	49.50	65.90	65.90	71.78	71.78	
300	60	180	290	49.80	49.80	66.20	66.20	72.08	72.08	
300	80	180	295	50.70	50.70	67.10	67.10	72.98	72.98	
300	100	180	300	51.60	51.60	68.00	68.00	73.88	73.88	
300	125	235	305	56.70	56.70	73.10	73.10	78.98	78.98	
300	150	235	310	58.30	58.30	74.70	74.70	80.58	80.58	
300	200	360	320	75.20	75.00	91.60	91.40	97.48	97.28	y
300	250	360	330	80.60	80.20	97.00	96.60	102.88	102.48	
300	300	435	340	87.00	86.60	103.40	103.00	109.28	108.88	
350	40	180	320	57.30	57.30	75.30	75.30	82.02	82.02	
350	50	180	320	57.80	57.80	75.80	75.80	82.52	82.52	
350	60	180	320	58.20	58.20	76.20	76.20	82.92	82.92	
350	80	180	325	59.10	59.10	77.10	77.10	83.82	83.82	
350	100	180	330	60.00	60.00	78.00	78.00	84.72	84.72	
350	125	245	335	66.80	66.80	84.80	84.80	91.52	91.52	
350	150	245	340	68.40	68.40	86.40	86.40	93.12	93.12	
350	200	360	350	81.60	81.40	99.60	99.40	106.32	106.12	
350	250	360	360	86.70	86.30	104.70	104.30	111.42	111.02	
350	300	480	370	102.80	102.40	120.80	120.40	127.52	127.12	
350	350	480	380	108.10	111.00	126.10	129.00	132.82	135.72	
400	40	165	350	65.20	65.20	87.60	87.60	95.16	95.16	
400	50	165	350	65.80	65.80	88.20	88.20	95.76	95.76	
400	60	165	350	66.10	66.10	88.50	88.50	96.06	96.06	
400	80	165	355	67.00	67.00	89.40	89.40	96.96	96.96	
400	100	220	360	73.50	73.50	95.90	95.90	103.46	103.46	
400	125	220	365	74.80	74.80	97.20	97.20	104.76	104.76	
400	150	310	370	85.60	85.60	108.00	108.00	115.56	115.56	
400	200	310	380	89.00	88.80	111.40	111.20	118.96	118.76	
400	250	420	390	105.20	104.80	127.60	127.20	135.16	134.76	
400	300	420	400	115.40	115.00	137.80	137.40	145.36	144.96	y
400	350	540	410	128.30	131.20	150.70	153.60	158.26	161.16	
400	400	540	420	134.50	140.10	156.90	162.50	164.46	170.06	

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450	40	170	380	81.00	81.00	119.00	119.00	125.72	125.72	
450	50	170	380	81.60	81.60	119.60	119.60	126.32	126.32	
450	60	170	380	82.00	82.00	120.00	120.00	126.72	126.72	
450	80	170	385	82.80	82.80	120.80	120.80	127.52	127.52	
450	100	250	390	93.40	93.40	131.40	131.40	138.12	138.12	
450	125	250	395	94.70	94.70	132.70	132.70	139.42	139.42	
450	150	250	400	96.30	96.30	134.30	134.30	141.02	141.02	
450	200	370	410	114.20	114.00	152.20	152.00	158.92	158.72	
450	250	370	420	119.10	118.70	157.10	156.70	163.82	163.42	
450	300	485	430	138.70	138.30	176.70	176.30	183.42	183.02	
450	350	485	440	143.50	146.40	181.50	184.40	188.22	191.12	
450	400	600	450	163.20	168.80	201.20	206.80	207.92	213.52	
450	450	600	460	169.80	179.80	207.80	217.80	214.52	224.52	
500	40	175	410	95.50	95.50	135.50	135.50	145.50	145.50	
500	50	175	410	96.00	96.00	136.00	136.00	146.00	146.00	
500	60	175	410	96.40	96.40	136.40	136.40	146.40	146.40	
500	80	175	415	97.30	97.30	137.30	137.30	147.30	147.30	
500	100	255	420	109.40	109.40	149.40	149.40	159.40	159.40	
500	125	255	425	110.80	110.80	150.80	150.80	160.80	160.80	
500	150	255	430	112.40	112.40	152.40	152.40	162.40	162.40	
500	200	370	440	131.90	131.70	171.90	171.70	181.90	181.70	
500	250	370	450	136.80	136.40	176.80	176.40	186.80	186.40	
500	300	485	460	158.60	158.20	198.60	198.20	208.60	208.20	
500	350	485	470	163.20	166.10	203.20	206.10	213.20	216.10	
500	400	600	480	185.10	190.70	225.10	230.70	235.10	240.70	y
500	450	600	490	191.20	201.20	231.20	241.20	241.20	251.20	
500	500	660	500	210.00	225.00	250.00	265.00	260.00	275.00	
600	40	180	470	125.00	125.00	178.00	178.00	190.00	190.00	
600	50	180	470	125.50	125.50	178.50	178.50	190.50	190.50	
600	60	180	470	125.90	125.90	178.90	178.90	190.90	190.90	
600	80	180	475	126.80	126.80	179.80	179.80	191.80	191.80	
600	100	260	480	142.50	142.50	195.50	195.50	207.50	207.50	
600	125	260	485	143.90	143.90	196.90	196.90	208.90	208.90	
600	150	260	490	145.50	145.50	198.50	198.50	210.50	210.50	
600	200	375	500	170.10	169.90	223.10	222.90	235.10	234.90	
600	250	375	510	174.90	174.50	227.90	227.50	239.90	239.50	
600	300	490	520	205.40	205.00	258.40	258.00	270.40	270.00	y
600	350	490	530	206.00	208.90	259.00	261.90	271.00	273.90	
600	400	610	540	233.60	239.20	286.60	292.20	298.60	304.20	
600	450	610	550	239.20	249.20	292.20	302.20	304.20	314.20	
600	500	665	560	258.90	273.90	311.90	326.90	323.90	338.90	
600	600	780	580	306.30	330.00	359.30	383.00	371.30	395.00	y

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