

Graphite Electrodes Comparison list of Socket & Nipple With JIS&IEC&NEMA

Table 1—Comparison list of socket & nipple with JIS & IEC & NEMA (4TPI)

Units: mm

Nominal dia. of electrode	Designation of joint		Nipple						Depth of Socket(L2)		
	JIS	Old JIS	Max. diameter of pin(d1)			Length of pin (l1)			JIS	IEC	NEMA
			JIS	IEC	NEMA	JIS	IEC	NEMA			
75	45T4N	3T4	46.04	46.04	46.04	76.20	76.20	76.20	44.10	44.10	44.10
100	69T4N	4T4	69.85	69.85	69.85	101.60	101.60	101.60	56.80	56.80	56.80
130	79T4N	5T4	79.38	79.38	79.38	127.00	127.00	127.00	69.50	69.50	69.50
150	92T4N	6T4	92.08	92.08	92.08	139.70	139.70	139.70	75.90	75.90	75.90
175	107T4N	7T4	107.95	107.95	107.95	165.10	165.10	165.10	88.60	88.60	88.60
200	122T4N	8T4	122.24	122.24	122.24	177.80	177.80	177.80	94.90	94.90	94.90
225	139T4N	9T4	139.70	139.70	139.70	177.80	177.80	177.80	94.90	94.90	94.90
250	152T4N	10T4	152.40	152.40	152.40	190.50	190.50	190.50	101.30	101.30	101.30
300	177T4N	12T4	177.80	177.80	177.80	215.90	215.90	215.90	114.00	114.00	114.00
350	203T4N	14T4	203.20	203.20	203.20	254.00	254.00	254.00	133.00	133.00	133.00
350	—	—	—	203.20	203.20	—	304.80	304.80	—	158.40	158.40
400	222T4N	16T4	222.25	222.25	222.25	304.80	304.80	304.80	158.40	158.40	158.40
400	222T4L	16T4L	222.25	222.25	222.25	355.60	355.60	355.60	183.80	183.80	183.80
450	241T4N	18T4	241.30	241.30	241.30	304.80	304.80	304.80	158.40	158.40	158.40
450	241T4L	18T4L	241.30	241.30	241.30	355.60	355.60	355.60	183.80	183.80	183.80
500	269T4N	20T4	269.88	269.88	269.88	355.60	355.60	355.60	183.80	183.80	183.80
500	269T4L	20T4L	269.88	269.88	269.88	457.20	457.20	457.20	234.60	234.60	234.60
550	298T4N	22T4	298.45	298.45	298.45	355.60	355.60	355.60	183.80	183.80	183.80
550	298T4L	22T4L	298.45	298.45	298.45	457.20	457.20	457.20	234.60	234.60	234.60
600	317T4N	24T4	317.50	317.50	317.50	355.60	355.60	355.60	183.80	183.80	183.80
600	317T4L	24T4L	317.50	317.50	317.50	457.20	457.20	457.20	234.60	234.60	234.60
650	355T4N	26T4	355.60	355.60	355.60	457.20	457.20	457.20	234.60	234.60	234.60
650	355T4L	26T4L	355.60	355.60	355.60	558.80	558.80	558.80	285.40	285.40	285.40
700	374T4N	28T4	374.65	374.65	374.65	457.20	457.20	457.20	234.60	234.60	234.60
700	374T4L	28T4L	374.65	374.65	374.65	558.80	558.80	558.80	285.40	285.40	285.40
750	—	30T4	406.40	—	—	508.00	—	—	260.00	—	—
750	—	—	—	406.40	406.40	—	584.20	584.20	—	310.80	310.80
750	406T4N	30T4L	406.40	406.40	406.40	609.60	609.60	609.60	310.80	310.80	310.80

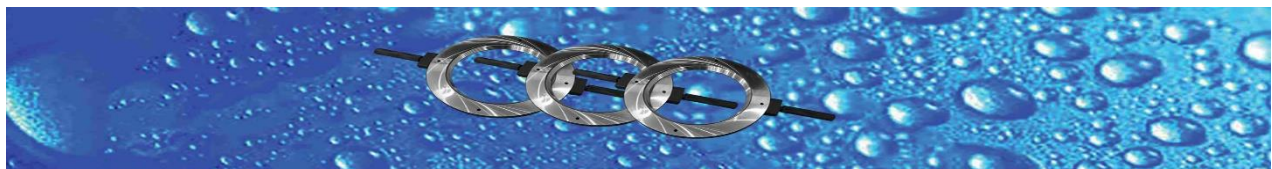
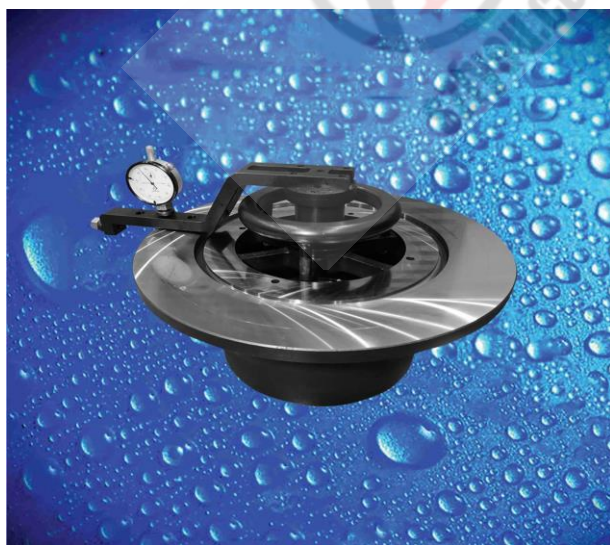


Table 2—Comparison list of socket & nipple with JIS & IEC & NEMA (3TPI)

Units: mm

Nominal dia. of electrode	Designation of joint		Nipple						Depth of Socket(12)		
	JIS	Old JIS	Max. diameter of pin(d1)			Length of pin (l1)			JIS	IEC	NEMA
			JIS	IEC	NEMA	JIS	IEC	NEMA			
JIS											
IEC											
NEMA											
225	139T3N	9T3	139.70	139.70	139.70	203.20	203.20	203.20	107.60	107.60	107.60
250	155T3N	10T3	155.57	155.57	155.57	220.00	220.00	220.00	116.00	116.00	116.00
300	177T3N	12T3	177.16	177.16	177.16	270.90	270.90	270.90	141.50	141.50	141.50
350	215T3N	14T3	215.90	215.90	215.90	304.80	304.80	304.80	158.40	158.40	158.40
350	215T3L	14T3L	215.90	215.90	215.90	355.60	355.60	355.60	183.80	183.80	183.80
400	215T3N	14T3	215.90	215.90	215.90	304.80	304.80	304.80	158.40	158.40	158.40
400	215T3L	14T3L	215.90	215.90	215.90	355.60	355.60	355.60	183.80	183.80	183.80
400	241T3N	16T3	241.30	241.30	241.30	338.70	338.70	338.70	175.30	175.30	175.30
400	241T3L	16T3L	241.30	241.30	241.30	355.60	355.60	355.6	183.80	183.80	183.80
450	241T3N	16T3	241.30	241.30	241.30	338.70	338.70	338.70	175.30	175.30	175.30
450	241T3L	16T3L	241.30	241.30	241.30	355.60	355.60	355.60	183.80	183.80	183.80
450	—	18T3	273.05	—	273.05	355.60	—	355.60	183.80	—	183.80
450	—	18T3L	273.05	—	—	457.20	—	—	234.60	—	234.60
500	273T3N	18T3	273.05	273.05	273.05	355.60	355.60	355.60	183.80	183.80	183.80
500	273T3L	18T3L	273.05	273.05	273.05	457.20	457.20	457.20	234.60	234.60	234.60
550	273T3N	18T3	273.05	—	273.05	372.60	—	355.60	183.80	—	183.80
550	—	18T3L	283.05	—	273.05	457.20	—	457.20	234.60	—	234.60
550	298T3N	20T3	298.45	—	298.45	372.60	—	372.60	192.20	—	192.20
550	298T3L	20T3L	298.45	298.45	298.45	457.20	457.20	457.20	234.60	234.60	234.60



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