

HEXACON ELECTRIC CO. APPLICATION MATRIX

							Application Category					
	PART #	TIP DIA (in)	WATTAGE	STD TIP #	1	2	3	4	5	6	Application Description	
Screw Tip Irons	SI-800	1-3/4"	800	T275							1. Heavy gauge sheet metal fabrication (18g-16g plus), armatures, large transformer housings. Roofing & guttering. Chassis & large enclosures. All tasks are mechanical. 2. Auto radiators, batteries. Heavy duty electronics - large turret terminals, ground connections & backplanes. Lighter gauge sheet metal work.	
	SI-700	1-3/4"	700	T275								
	SI-500	1-5/8"	500	T274								
	SI-350	1-3/8"	350	T273								
	SI-225	1-1/8"	250	T272								
	SI-175	1"	175	T271								
	SI-120	5/8"	120	T269								
SI-85	1/2"	90	T268									
Heavy Duty Plug Tip Irons	SI-P550	1-1/8"	550	HT262X							1. Heavy gauge sheet metal fabrication (18g-16g plus), armatures, large transformer housings. Roofing & guttering. Chassis & large enclosures. All tasks are mechanical. 2. Auto radiators, batteries. Heavy duty electronics - large turret terminals, ground connections & backplanes. Lighter gauge sheet metal work. 3. Multilayer boards, large connectors & tube socket terminals.	
	SI-P300/300H	7/8"	300	HT261X								
	SI-P250	5/8"	250	HT499X								
	SI-P200/200H	5/8"	200	HT499X								
	SI-P152	1/2"	200	HT123X								
	SI-P151	1/2"	175	HT123X								
	SI-P155/155H	3/8"	150, 175, 200	HT140X								
SI-P115/115H	3/8"	110, 150, 175	HT140X									
Powerhouse Irons	SI-P35/35H	5/16"	80, 90, 100	HT506X							3. Multilayer boards, large connectors & tube socket terminals. 4. Printed wiring boards (PWB's) with ground planes. Small terminals for touch-up & repair.	
	SI-P34/34H	1/4"		HT202X								
	SI-P30	1/4"	40, 60, 75, 80	HT202X								
	SI-30H	1/4"	40, 50, 60, 70, 75, 80	HT202X								
	SI-30S	1/4"	80	HT202X								
Pinpoint Irons	P24/24H	1/4"	40, 50, 60	HT313X							4. PWB's with ground planes. Small terminals for touch-up & repair. 5. PWB's with standard component densities. SMT and through hole technologies.	
	P26/26H	3/16"	30, 40, 50	HT207X								
	P25/25H	1/8"	25, 35	HT477X								
Super S Irons	SI-24S	1/4"	30, 35, 40, 50, 60	HT313X							4. PWB's with ground planes. Small terminals for touch-up & repair. 5. PWB's with standard component densities. SMT and through hole technologies.	
	SI-26S	3/16"	25, 30, 35, 40, 50	HT207X								
	SI-25S	1/8"	20, 25, 30, 35, 40, 50	HT477X								
Mini Irons	SI-23A	1/4"	25, 30, 35, 40, 50, 60	HT313X							4. PWB's with ground planes. Small terminals for touch-up & repair. 5. PWB's with standard component densities. SMT and through hole technologies.	
	SI-22A	3/16"	25, 30, 35	HT207X								
	SI-21A	1/8"	15, 20, 25	HT477X								
Micro Stedi & SMD	MS10	5/32"	10	HT880X							5. PWB's with standard component densities. SMT and through hole technologies. 6. Miniature & micro-miniature soldering. Small packages - hearing aids & medical devices. SMT & hybrid technologies.	
	SMD10	SPECIAL	10	SMD								
	MV15/16	5/32"	VARIABLE	HT880X								
MF20/21	5/32"	VARIABLE	HT880X									
HTC Series	HTC-5520	1/4"	VARIABLE	CT202X							4. PWB's with ground planes. Small terminals for touch-up & repair. 5. PWB's with standard component densities. SMT and through hole technologies.	
	HTC-5530	11/32"	VARIABLE	CT302X								
	HTC-5623	1/4" & 11/32"	VARIABLE/DUAL	CT202/302X								
Therm-O-Trac	TOT-1002		VARIABLE	J202X							3. Multilayer boards, large connectors & tube socket terminals. 4. PWB's with ground planes. Small terminals for touch-up & repair. 5. PWB's with standard component densities. SMT and through hole technologies.	
	TOT-1006A/B		VARIABLE	J202X								
	TOT-1002 PBS		VARIABLE	J6/7/8								
	TOT-2300		VARIABLE	J802X								
Phenix Series	PHC-600	1/4"	VARIABLE	CT202X							3. Multilayer boards, large connectors & tube socket terminals. 4. PWB's with ground planes. Small terminals for touch-up & repair. 5. PWB's with standard component densities. SMT and through hole technologies. 6. Miniature & micro-miniature soldering. Small packages - hearing aids & medical devices. SMT & hybrid technologies.	
	PHC-700	1/4"	VARIABLE	CT202X								
	PHC-800	1/4"	VARIABLE	CT202X								
	PHU-600	11/32"	VARIABLE	CT302X								
	PHU-700	11/32"	VARIABLE	CT302X								
	PHU-800	11/32"	VARIABLE	CT302X								
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