

5.3.4 Tip Offset Function

The temperature characteristics of the soldering tips vary depending on their masses and geometrical forms.

The Tip Offset serves to adapt the temperature measurement to the given soldering tip or to the given thermocouple type of the temperature sensor. The soldering tips used are set in the form of numbers. Since the station automatically recognizes the connected soldering iron, the station can identify the complete combination of iron and tip on the basis of the selected number. In this way, temperature recording and control can be optimally adapted. All Tip Offset numbers, from 1 to the max. limit of the connected tool, can be adjusted (see tables 4-7c).

Table 4:*Tip Offset numbers*

CHIP TOOL

Tip	Number
422 ED	1
422 FD3	2
422 FD1	3
422 FD4	4
422 FD2	5
422 FD5	6
422 FD6	7
422 FD7	8
422 FD8	9
422 FD9	10
422 QD5	11
422 QD!	12
422 QD6	13
422 QD3	14
422 QD4	15
422 QD2	16
422 QD7	17
422 QD8	18
422 QD9	19
422 QD10	20
422 RD1	21
422 RD2	22
422 RD3	23
422 SD	24
422 MD	25

Table 5:*Tip Offset numbers*

MICRO TOOL

Tip	Number
212 BD	1
212 CD	1
212 ED	1
212 KD	1
212 MS	1
212 SD	1

Table 6:*Tip Offset numbers*

TECH TOOL

Tip	Number
612 SD	1
612 UD	1
612 BD	1
612 AD	1
612 KD	1
612 ED	1
612 GD	1
612 CD	1
612 TW	1
612 MD	1
612 JD	1
612 ID	1
612 FD	1
612 ZD	1
X-TOOL	2

Table 7a:*Tip Offset numbers*

POWER TOOL

Tip	Number
832 UD	1
832 SD	1
832 BD	1
832 KD	1
832 CD	1
832 ED	1
832 PW	1
832 VD	2
832 GD	2
832 MD	2
832 LD	2
832 OD	2
832 C8	2
832 C16	2
832 C18	2
832 C20/7,62	2
832 C20/12,7	2
832 MD03	2
832 QD01...	2
832 QD09	2
832 ZD	3
832 HD	3
832 DD	3
832FD	3
832 TD	3
832 ND	3
832 WD	3
832 RD	3
832 YD	3
832 MD02	3
832 QD12	3
832 QD13	3
832 AD	4
832 QD10	4
832 QD11	4

Table 7b:*Tip Offset numbers*

POWER TOOL

Tip	Number
842 UD	1
842 SD	1
842 KD	1
842 BD	3
842 CD	3
842 ED	3
842 YD	4
842 ID	4
842 JD	4