

Table 14.3-1 Shrink, Thin and Skeletonize Conditional Mark Patterns (M=1 if hit)

Type	Bond	Patterns							
S	1	001	100	000	000				
		010	010	010	010				
		000	000	100	001				
S	2	000	010	000	000				
		011	010	110	010				
		000	000	000	010				
S	3	001	011	110	100	000	000	000	000
		011	010	010	110	110	010	010	011
		000	000	000	000	100	110	011	001
TK	4	010	010	000	000				
		011	110	110	011				
		000	000	010	010				
STK	4	001	111	100	000				
		011	010	110	010				
		001	000	100	111				
ST	5	110	010	011	001				
		011	011	110	011				
		000	001	000	010				
ST	5	011	110	000	000				
		011	110	110	011				
		000	000	110	011				
ST	6	110	011						
		011	110						
		001	100						
STK	6	111	011	111	110	100	000	000	001
		011	011	110	110	110	110	011	011
		000	001	000	100	110	111	111	011
STK	7	111	111	100	001				
		011	110	110	011				
		001	100	111	111				
STK	8	011	111	110	000				
		011	111	110	111				
		011	000	110	111				
STK	9	111	011	111	111	111	110	100	001
		011	011	111	111	110	110	111	111
		011	111	100	001	110	111	111	111
STK	10	111	111	111	101				
		011	111	110	111				
		111	101	111	111				
K	11	111	111	110	011				
		111	111	111	111				
		011	110	111	111				

Table 14.3-2 Shrink and Thin Unconditional Mark Patterns

Spur	0	0	M	M	0	0						
	0	M	0	0	M	0						
	0	0	0	0	0	0						
Single 4-connection	0	0	0	0	0	0						
	0	M	0	0	M	M						
	0	M	0	0	0	0						
L Cluster	0	0	M	0	M	M	M	M	0	M	0	0
	0	M	M	0	M	0	0	M	0	M	M	0
	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0
	M	M	0	0	M	0	0	M	0	0	M	M
	M	0	0	M	M	0	0	M	M	0	0	M
4-connected Offset	0	M	M	M	M	0	0	M	0	0	0	M
	M	M	0	0	M	M	0	M	M	0	M	M
	0	0	0	0	0	0	0	0	M	0	M	0
Spur corner Cluster	0	A	M	M	B	0	0	0	M	M	0	0
	0	M	B	A	M	0	A	M	0	0	M	B
	M	0	0	0	0	M	M	B	0	0	A	M
Corner Cluster	M	M	D									
	M	M	D									
	D	D	D									
Tee Branch	D	M	0	0	M	D	0	0	D	D	0	0
	M	M	M	M	M	M	M	M	M	M	M	M
	D	0	0	0	0	D	0	M	D	D	M	0
	D	M	D	0	M	0	0	M	0	D	M	D
	M	M	0	M	M	0	0	M	M	0	M	M
	0	M	0	D	M	D	D	M	D	0	M	0
Vee Branch	M	D	M	M	D	C	C	B	A	A	D	M
	D	M	D	D	M	B	D	M	D	B	M	D
	A	B	C	M	D	A	M	D	M	C	D	M
Diagonal Branch	D	M	0	0	M	D	D	0	M	M	0	D
	0	M	M	M	M	0	M	M	0	0	M	M
	M	0	D	D	0	M	0	M	D	D	M	0
A or B or C = 1 D = 0 or 1 A or B = 1												

Table 14.3-3 Skeletonize Unconditional Mark Patterns

Spur	0	0	0	0	0	0	0	0	M	M	0	0
	0	M	0	0	M	0	0	M	0	0	M	0
	0	0	M	M	0	0	0	0	0	0	0	0
Single 4-connection	0	0	0	0	0	0	0	0	0	0	M	0
	0	M	0	0	M	M	M	M	0	0	M	0
	0	M	0	0	0	0	0	0	0	0	0	0
L Corner	0	M	0	0	M	0	0	0	0	0	0	0
	0	M	M	M	M	0	0	M	M	M	M	0
	0	0	0	0	0	0	0	M	0	0	M	0
Corner Cluster	M	M	D	D	D	D						
	M	M	D	D	M	M						
	D	D	D	D	M	M						
Tee Branch	D	M	D	D	M	D	D	D	D	D	M	D
	M	M	M	M	M	D	M	M	M	D	M	M
	D	D	D	D	M	D	D	M	D	D	M	D
Vee Branch	M	D	M	M	D	C	C	B	A	A	D	M
	D	M	D	D	M	B	D	M	D	B	M	D
	A	B	C	M	D	A	M	D	M	C	D	M
Diagonal Branch	D	M	0	0	M	D	D	0	M	M	0	D
	0	M	M	M	M	0	M	M	0	0	M	M
	M	0	D	D	0	M	0	M	D	D	M	0

A or B or C = 1 D = 0 or 1