





Symbol character value	Code set A	ASCII value for code set A	Code set B	ASCII value for code set B	Code set C	Element widths (Modules)						Element pattern																
						B	S	B	S	B	S	1	2	3	4	5	6	7	8	9	10	11						
28	<	60	<	60	28	3	2	2	1	1	2																	
29	=	61	=	61	29	3	2	2	2	1	1																	
30	>	62	>	62	30	2	1	2	1	2	3																	
31	?	63	?	63	31	2	1	2	3	2	1																	
32	@	64	@	64	32	2	3	2	1	2	1																	
33	A	65	A	65	33	1	1	1	3	2	3																	
34	B	66	B	66	34	1	3	1	1	2	3																	
35	C	67	C	67	35	1	3	1	3	2	1																	
36	D	68	D	68	36	1	1	2	3	1	3																	
37	E	69	E	69	37	1	3	2	1	1	3																	
38	F	70	F	70	38	1	3	2	3	1	1																	
39	G	71	G	71	39	2	1	1	3	1	3																	
40	H	72	H	72	40	2	3	1	1	1	3																	
41	I	73	I	73	41	2	3	1	3	1	1																	
42	J	74	J	74	42	1	1	2	1	3	3																	
43	K	75	K	75	43	1	1	2	3	3	1																	
44	L	76	L	76	44	1	3	2	1	3	1																	
45	M	77	M	77	45	1	1	3	1	2	3																	
46	N	78	N	78	46	1	1	3	3	2	1																	
47	O	79	O	79	47	1	3	3	1	2	1																	
48	P	80	P	80	48	3	1	3	1	2	1																	
49	Q	81	Q	81	49	2	1	1	3	3	1																	
50	R	82	R	82	50	2	3	1	1	3	1																	
51	S	83	S	83	51	2	1	3	1	1	3																	
52	T	84	T	84	52	2	1	3	3	1	1																	
53	U	85	U	85	53	2	1	3	1	3	1																	
54	V	86	V	86	54	3	1	1	1	2	3																	
55	W	87	W	87	55	3	1	1	3	2	1																	
56	X	88	X	88	56	3	3	1	1	2	1																	
57	Y	89	Y	89	57	3	1	2	1	1	3																	
58	Z	90	Z	90	58	3	1	2	3	1	1																	
59	[	91	[	91	59	3	3	2	1	1	1																	
60	\	92	\	92	60	3	1	4	1	1	1																	
61	]	93	]	93	61	2	2	1	4	1	1																	
62	^	94	^	94	62	4	3	1	1	1	1																	
63	_	95	_	95	63	1	1	1	2	2	4																	
64	NUL	00	grave accent	96	64	1	1	1	4	2	2																	
65	SOH	01	a	97	65	1	2	1	1	2	4																	
66	STX	02	b	98	66	1	2	1	4	2	1																	
67	ETX	03	c	99	67	1	4	1	1	2	2																	
68	EOT	04	d	100	68	1	4	1	2	2	1																	
69	ENQ	05	e	101	69	1	1	2	2	1	4																	

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						B	S	B	S	B	S	1	2	3	4	5	6	7	8	9	10	11					
70	ACK	06	f	102	70	1	1	2	4	1	2																
71	BEL	07	g	103	71	1	2	2	1	1	4																
72	BS	08	h	104	72	1	2	2	4	1	1																
73	HT	09	i	105	73	1	4	2	1	1	2																
74	LF	10	j	106	74	1	4	2	2	1	1																
75	VT	11	k	107	75	2	4	1	2	1	1																
76	FF	12	l	108	76	2	2	1	1	1	4																
77	CR	13	m	109	77	4	1	3	1	1	1																
78	SO	14	n	110	78	2	4	1	1	1	2																
79	SI	15	o	111	79	1	3	4	1	1	1																
80	DLE	16	p	112	80	1	1	1	2	4	2																
81	DC1	17	q	113	81	1	2	1	1	4	2																
82	DC2	18	r	114	82	1	2	1	2	4	1																
83	DC3	19	s	115	83	1	1	4	2	1	2																
84	DC4	20	t	116	84	1	2	4	1	1	2																
85	NAK	21	u	117	85	1	2	4	2	1	1																
86	SYN	22	v	118	86	4	1	1	2	1	2																
87	ETB	23	w	119	87	4	2	1	1	1	2																
88	CAN	24	x	120	88	4	2	1	2	1	1																
89	EM	25	y	121	89	2	1	2	1	4	1																
90	SUB	26	z	122	90	2	1	4	1	2	1																
91	ESC	27	{	123	91	4	1	2	1	2	1																
92	FS	28		124	92	1	1	1	1	4	3																
93	GS	29	}	125	93	1	1	1	3	4	1																
94	RS	30	~	126	94	1	3	1	1	4	1																
95	US	31	DEL	127	95	1	1	4	1	1	3																
96	FNC3		FNC3		96	1	1	4	3	1	1																
97	FNC2		FNC2		97	4	1	1	1	1	3																
98	SHIFT		SHIFT		98	4	1	1	3	1	1																
99	CODE C		CODE C		99	1	1	3	1	4	1																
100	CODE B		FNC4		CODE B	1	1	4	1	3	1																
101	FNC4		CODE A		CODE A	3	1	1	1	4	1																
102	FNC1		FNC1		FNC1	4	1	1	1	3	1																
103			Start A			2	1	1	4	1	2																
104			Start B			2	1	1	2	1	4																
105			Start C			2	1	1	2	3	2																

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				B	S	B	S	B	S	1	2	3	4	5	6	7	8	9	10	11	12	13							
	Stop																												
				2	3	3	1	1	1	2																			