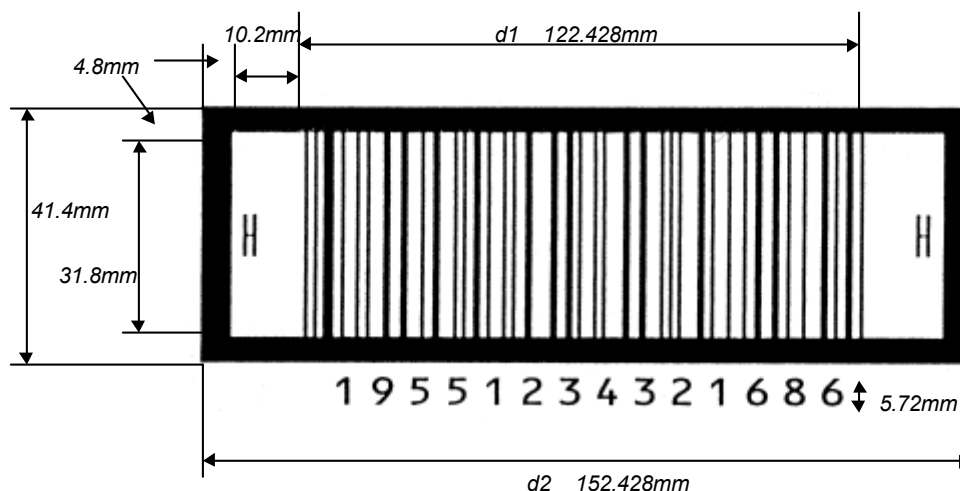


ITF-14 Bar Code



Nominal Size (100%) ITF-14 Bar Code

Overall Dimensions of ITF-14 Bar Code

Mag. factor	X-dimension Narrow element (mm)	Wide element (mm)	Width of Light Margins (10x) (mm)	Min. height of bars (mm)	Excluding bearer bar		Including bearer bar & LM		
					Width not incl LM (mm)	Width incl LM (mm)	Width not incl. H gauges (mm)	Width incl. H gauges (mm)	Height (mm)
0.5	0.508	1.270	5.1	32	61.214	71.41	81.01	87.01	41.6
0.625	0.635	1.588	6.4	32	76.518	89.32	98.92	104.92	41.6
0.7	0.711	1.778	7.1	32	85.700	99.90	109.50	115.50	41.6
0.8	0.813	2.032	8.1	32	97.942	114.14	123.94	129.94	41.6
0.9	0.914	2.286	9.2	32	110.185	128.59	138.14	144.14	41.6
1.0	1.016	2.540	10.2	32	122.428	142.83	152.43	158.43	41.6

Notes : In the heading of this table: Mag. = magnification, LM = Light Margins

Dimensions of ITF-14 bar codes at various magnification factors

1. The ITF-14 bar code can be printed with a magnification factor ranging from 25% to 100%.
2. To ensure efficient reading in any environment, including conveyerised scanning, a minimum magnification factor of 50% should be used.
3. ITF-14 bar codes with a magnification less than 62.5% should not be printed directly on corrugate with conventional (plate based) processes.

GS1-128 Bar Code



Sample GS1-128 bar code

GS1-128 Bar Code Dimensions for Numeric Data

Number of characters including AI	Dimensions (mm) including light margin areas				
	MF 0.25	MF 0.4	MF 0.6	MF 0.8	MF 1.0
4	22.0	35.2	52.8	70.4	88.0
6	24.8	39.6	59.4	79.2	99.0
8	27.5	44.0	66.0	88.0	110.0
10	30.3	48.4	72.6	96.8	121.0
12	33.0	52.8	79.2	105.6	132.0
16	38.5	61.6	92.4	123.2	154.0
20	44.0	70.4	105.6	140.8	—
30	57.8	92.4	138.6	—	—

Note 1: One code A or code B character is included in these calculations. If you use more than one code A, B, C, or shift characters, the bar code width will be larger.
 Note 2: Calculate widths for other encoded numbers using the formula $11N + 66$.

GS1-128 bar code dimensions for numeric data

Overall Dimensions of GS1-128 Bar Code

1. For general distribution, the *height* for a GS1-128 is 32mm.
2. Where space constraints do not allow the bar code to be printed at the minimum recommended height, in no case shall it be lower than 13mm in height.