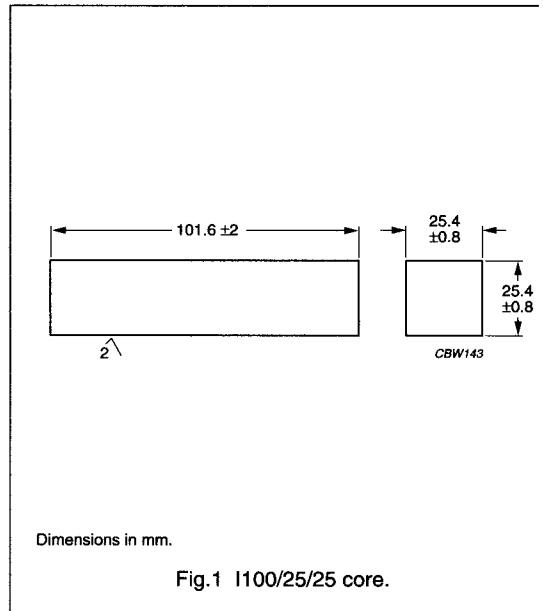


**CORE SETS**

Effective core parameters in combination with U100/57/25

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma(l/A)$	core factor (C1)	0.379	mm <sup>-1</sup>
$V_e$	effective volume	158000	mm <sup>3</sup>
$l_e$	effective length	245	mm
$A_e$	effective area	645	mm <sup>2</sup>
m	mass of core	≈ 300	g

**Core data**

$A_L$  measured in combination with "U100/57/25".

GRADE	$A_L$ (nH)	$\mu_e$	TYPE NUMBER
3C90	6700 ±25%	≈ 2150	I100/25/25-3C90
3C94 <span style="background-color: black; color: white; padding: 0 2px;">des</span>	6700 ±25%	≈ 2150	I100/25/25-3C94

**Properties of core sets under power conditions**

Core loss measured in combination with "U100/57/25".

GRADE	B (mT) at	CORE LOSS (W) at	
	H = 250 A/m; f = 25 kHz; T = 100 °C	f = 25 kHz; B = 200 mT; T = 100 °C	f = 100 kHz; B = 100 mT; T = 100 °C
3C90	≥ 330	≤ 19	≤ 20
3C94	≥ 330	-	≤ 16