

SHAPE CODE	AUSTRALIAN STANDARD SHAPE	SHAPE CODE	AUSTRALIAN STANDARD SHAPE	SHAPE CODE	AUSTRALIAN STANDARD SHAPE	SHAPE CODE	AUSTRALIAN STANDARD SHAPE
S		LL		VL		H	
SH		XT		HH		VV	
CT		V		J		HT	
L		JJ		R		LH	
SP		RC		U		F	
T		A		CC			

SHAPE CODE	NON-STANDARD SHAPE	SHAPE CODE	NON-STANDARD SHAPE
AZ		EZ	
BZ		FZ	
CZ		GZ	
DZ		HZ	

BAR MARKING LEGEND
 THE METHOD USED TO LABEL REINFORCEMENT ON THE DRAWINGS IS AS FOLLOWS:
 A1 10-N16-S-300EF

↑ INFORMATION FOR PLACING
 ↑ SPACING ALONG LIMIT LINE
 ↑ BAR SHAPE CODE
 ↑ BAR SIZE IN MILLIMETRES
 ↑ BAR STRUCTURAL PROPERTIES
 ↑ NUMBER OF BARS IN THE SET
 ↑ BAR NUMBER IN SEQUENCE
 ↑ STRUCTURE ELEMENT DENOTATION

SHAPE CODE	ROADS AND MARITIME SERVICES STANDARD SHAPE	SHAPE CODE	ROADS AND MARITIME SERVICES STANDARD SHAPE	SHAPE CODE	ROADS AND MARITIME SERVICES STANDARD SHAPE	SHAPE CODE	ROADS AND MARITIME SERVICES STANDARD SHAPE
LF		AV		TT		XH	
LA		LG		PT		ST	
AA		KH		QT		VF	
KL		GT		KF		AF	

- REINFORCEMENT NOTES**
- AUSTRALIAN STANDARD BAR SHAPES ARE IN ACCORDANCE WITH AS 1100.501.
 - BAR SIZE IS THE NOMINAL DIAMETER IN MILLIMETRES, OR THE AS/NZS 4671 FABRIC NUMBER.
 - THE GRADE OF REINFORCEMENT, IF NOT STATED ON THE DRAWINGS, SHALL BE D500N TO AS/NZS 4671.
 - DIMENSIONS SHOWN ON BAR SHAPES DIAGRAMS ARE MEASURED FROM THE OUTSIDE FACES OF THE BARS AND ARE IN MILLIMETRES.
 - THE INCLUDED ANGLE OF ANY BEND SHALL BE A RIGHT ANGLE IF NO DIMENSION SHOWN.
 - BARS OF DIAMETER GREATER THAN 24mm SHALL NOT BE REBENT.
 - BAR BENDING AND HOOK DETAILS SHALL BE IN ACCORDANCE WITH SECTION 5.13 OF AS 5100-BRIDGE DESIGN.

ISSUE	DATE	AMENDMENT DESCRIPTION	PREP	CHECK	AUTH
ROAD CLASSIFICATION			LOCAL GOVERNMENT AREA		
STRUCTURE INTERACTION WITH MAJOR FEATURE					
LOCATION OF STRUCTURE FROM NEAREST MAJOR TOWN					
BAR SHAPES DIAGRAM					
PREPARED BY			Transport Roads & Maritime Services		
BRIDGE AND STRUCTURAL ENGINEERING SECTION			www.rms.nsw.gov.au		
PHONE (02) 8837-08XX					
DESIGN	PREPARED	CHECKED	DRAWING SET No DS20XX/0XXXX		
DRAWING			BRIDGE No BXXXXX		
ISSUE STATUS			ISSUED FOR CONSTRUCTION		
SENIOR BRIDGE ENGINEER (XXXX DESIGN)			ISSUE X No OF SHEETS XX SHEET No XX		
CAD No: B0013_BARS.dgn			© COPYRIGHT ROADS AND MARITIME SERVICES 2018		

1024456 AM - 18/02/2019 - K3(BridgeStandards_2018)Approved Standards(B0000_Drawing Sheets)B0013_BARS.dgn

APPROVED FOR USE	Transport Roads & Maritime Services	STANDARD DRAWING	STATUS
<i>W. Ariyaratne</i> DIRECTOR BRIDGES AND STRUCTURES	SEND FEEDBACK ON THIS STANDARD DRAWING TO: standardbridgedrawings@rms.nsw.gov.au	BAR SHAPES DIAGRAM	ISSUED
21.12.2018 DATE	EDMS No DS2017/000875		ISSUE DATE DEC 2018
			REVISION ISSUE 2
			STANDARD DRAWING No B0013

© COPYRIGHT ROADS AND MARITIME SERVICES 2018