

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		CHECKED		DRAWING SET No	
BRIDGE ENGINEERING SECTION				DS20XX/0XXXX	
PHONE (02) 8837-08XX				BRIDGE No	
				BXXXXX	
				ISSUE STATUS	
				ISSUED FOR CONSTRUCTION	
				ISSUE X No SHEETS XX SHEET No XX	
SENIOR BRIDGE ENGINEER (XXXX DESIGN)				CAD No	
B0013_BARS.dgn				© COPYRIGHT ROADS AND MARITIME SERVICES 2015	

29/04/17 PM 17/03/2017 K9(B)Ips/Standards_2015/Approved Standards/B0013_BARS.dgn

APPROVED FOR USE	Transport Roads & Maritime Services	STANDARD DRAWING	STATUS ISSUED
R,RAVINDRA A/PRINCIPAL ENGINEER BRIDGES			
17/03/2017 DATE	SEND FEEDBACK ON THIS STANDARD DRAWING TO: technologystandards@mms.nsw.gov.au	BAR SHAPES DIAGRAM	ISSUE DATE MARCH 2017
	EDMS No DS2017/000875		REVISION ISSUE 1
		A1	STANDARD DRAWING No B0013

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