

**REINFORCING STEEL BAR AND STANDARD HOOK
DIMENSIONS FOR DEFORMED BARS WITH $F_y = 460 \text{ MPa}$**

TDC-39

BAR SIZE	MASS kg/m	DIA. d	AREA mm ²	STANDARD HOOK			STIRRUP AND TIE HOOKS (90°)	
				BEND D	A		D	A
					90°	180°		
T8	0.395	8	50	50	130	120	30	85
T10	0.617	10	79	60	160	130	40	90
T12	0.888	12	113	70	190	150	50	110
T16	1.580	16	201	95	260	180	65	145
T20	2.47	20	314	120	320	220	-	-
T25	3.86	25	491	150	400	280	-	-
T32	6.31	32	804	260	550	420	-	-
T40	9.87	40	1257	400	720	640	-	-

STANDARD 90° HOOK

STANDARD 180° HOOK

PLUMBING THROUGH LOAD-BEARING OR SHEAR WALL

TDW-15

PIPE

10" MIN.
EA. END

PROVIDE 64mm X 1.2mm STRAP C/W 8-38mm
NAILS EACH END MIN. EACH SIDE OF TOP
PLATE TYP. WHEREVER TOP PLATE CUTS

PROVIDE ANCHOR BOLTS EACH
SIDE OF CUT BOTTOM PLATE

3" MIN.