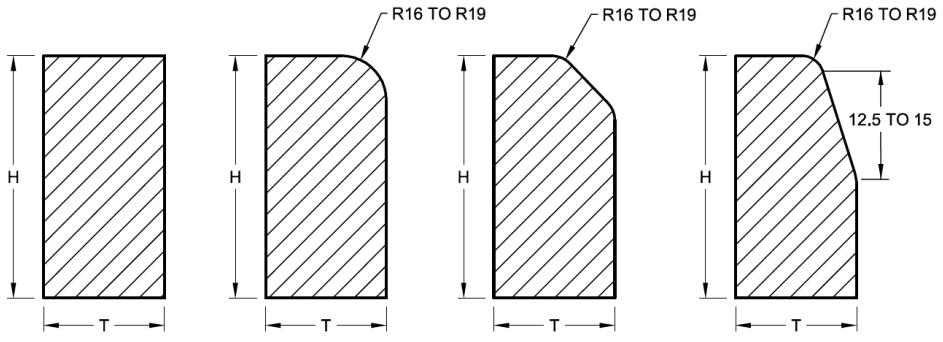
IS 5758 : 2020 SPECIFICATION FOR PRECAST CONCRETE KERBS, CHANNELS, EDGING, QUADRANTS & OTHER ASSOCIATED FITTINGS

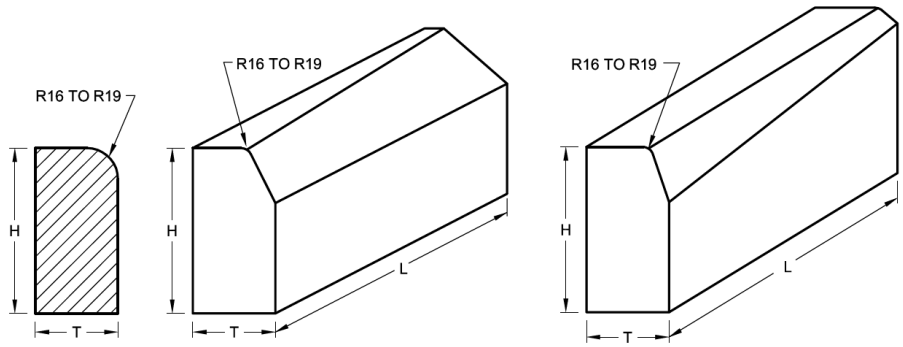
Key Information - Kerbs

KERB PROFILES (Fig.2):



2A SQUARE PROFILES | 2 B BULL NOSE PROFILES | 2 C SPLAYED PROFILES | 2 D HALF BATTER PROFILES

KERB CLASSIFICATION (Fig.3):



3A STRAIGHT KERB | 3B TRANSITION KERB | 3C DROPER KERB

KERB DIMENSIONS (Table 1):

Classification	Ref to Fig.	Dimension and Profile			
		Length(L) mm	Height(H) mm	Thickness(T) mm	Profile / Section (*see* Fig. 2)
(2)	(3)	(4)	(5)	(6)	(7)
Kerbs:					
a) Straight kerb	Fig. 3A	300,500,600,1 000	200,300,375,450,600	100,125,150,165	Any profile
b) Transition Kerb	Fig. 3B	300,500,600,1 000	200,300,375,450,600	100,125,150,165	Any profile or combination of two profile
c) Dropper kerb	Fig. 3C	300,500,600,1 000	150,250,300,325,375,450	100,125,150,165	Any profile or combination of two profile

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TOLERANCES: (On manufacturer's declared work dimensions)

Length: +/- 1% or +/- 10mm, whichever is smaller.

Faces: +/- 3% or +/- 5mm, whichever is smaller.

Other Parts: +/- 5% or +/- 10mm, whichever is smaller.

Radius: As given in Fig. 2.

Flatness, Straightness: As given in Table 3 (below)

Sl No.	Length of Gauge	Permissible Deviations on Flatness and Straightness
	mm	mm
(1)	(2)	(3)
i)	300	± 1.5
ii)	400	± 2.0
iii)	500	± 2.5
iv)	800	± 4.0

TESTS

1. **Bending Strength** (5 units)**:**
   Average ≥ 5.0 MPa
   Individual ≥ 4.0 MPa

2. **Water Absorption** (3 units):
   Average ≤ 6%

SAMPLING

8 samples from every lot/consignment of 2,000 units or part thereof.

(For further details please refer to the Standard)

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