

TABLE 10.2-2
GAUGE LINES FOR UNIVERSAL SECTIONS

Section	Flange S_{gf}				Web S_{gw}					
	M20		M24		M20			M24		
UNIVERSAL BEAMS										
610UB	140	90	140	90	140	90	70	140	90	70
530UB	140	90	140	90	140	90	70	140	90	70
460UB	90	140	90		90	70	140	90	70	140
410UB	90	70	90		90	70	140	90	70	140
360UB,310UB	90	70	90		90	70	140	90	70	140
310UB32.0	70		b		90	70	140	90	70	140
250UB	70	90	b		70	90	140	70	90	
250UB25.7	70*		b		70	90		70	90	
200UB	70		b		70	90		70	90	
200UB18.2	60*		b		70	90		70		
180UB	50**		b		70			70		
150UB	c		b		60*			b		
UNIVERSAL COLUMNS										
310UC	140	90	140	90	90	70	140	90	70	140
250UC	140	90	140	90	90	70	140	90	70	
200UC	140	90	140	90	90	70		90	70	
150UC	90	70	90		60*			b		
100UC	60*		b		c			b		
Preference	1	2	1	2	1	2	3	1	2	3

Notes: * Gauge listed are for M16 bolts.

** Gauge listed are for M12 bolts.

b – indicates that the flange or web will not accommodate this size of bolt.

c – indicates that the flange or web will not accommodate two lines of bolts with a gauge of 50mm or more for M12 and larger bolts.

All Dimensions are in mm.

The above gauge lines are “ideal” gauge lines suitable for general use in member details. Specific connections require other gauge lines to suit the detailing of the connection – see pages 10-10 to 10-15.

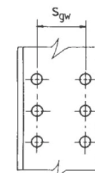
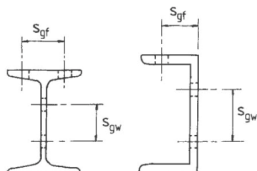


TABLE 10.2-3
GAUGE LINES FOR TAPER FLANGE
BEAMS AND PARALLEL FLANGE CHANNELS

Section	Flange S_{gf}			Web S_{gw}					
	M16	M20	M24	M16		M20		M24	
TAPER FLANGE BEAMS									
125TFB	b,b1	b	b	50		50		c	
100TFB	b,b1	b	b	c		c		c	
PARALLEL FLANGE CHANNELS									
380PFC	55	55	55	140	90	70	140	90	70
300PFC	55	55	55	140	90	70	140	90	70
250PFC	55	55	55	140	90	70	140	90	70
230PFC	45	45	45	140	90	70	90	70	
200PFC	45	45	45	90	70		90	70	
180PFC	45	45	45	70			70		
150PFC	45	45	45	50			50		
125PFC	35	35	b	50			c		
100PFC	30	b	b	c			c		
75PFC	b,b1	b	b	c			c		
Preference	1	1	1	1	2	3	1	2	3

Notes: b – indicates that the flange will not accommodate this size of bolt.

b1 – indicates that the flange will not accommodate M12 bolts.

c – indicates that the web will not accommodate two lines of bolts with a gauge of 50mm or more.

All Dimensions are in mm.