

MEMO 527	Dato: 10.04.2015	Sign.: sss
BSF – TWO-SIDED T-CONNECTION BEAM-BEAM	Siste rev.: 14.02.2020	Sign.: sss
DESIGN	Dok. nr.: K4-10/527E	Control: ps

BSF – TWO-SIDED T-CONNECTION BEAM-BEAM

Figure 1 illustrates a two-sided T-connection. In this situation, the horizontal anchoring can be made right through the beam by using connecting couplings to join the threaded bars. The connecting couplings can be of type Pretec B2000 or equivalent.

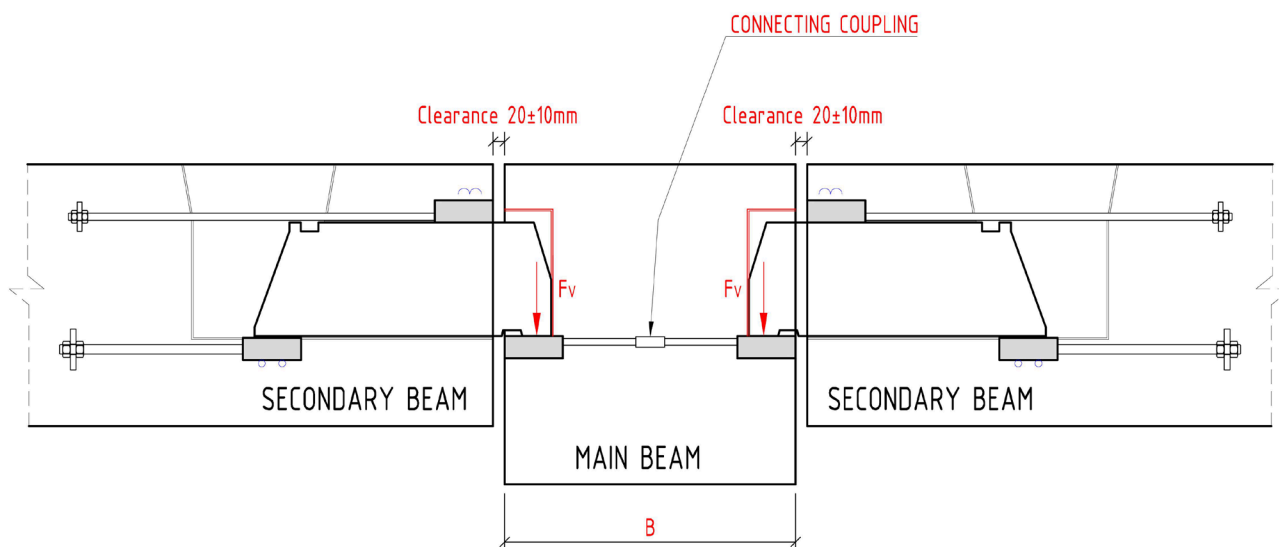


Figure 1: Illustration –Two-sided T-connection.

Table 1 gives suitable lengths of the threaded bars for a beam width of 500mm, when using connecting couplings. For other beam widths, the appropriate length of the threaded bars is easily found by subtracting or adding half of the differential width.

UNIT	HALF ROUND BLOCK			ANCHORING
	D [mm]	L [mm]	Thread length In half round block [mm]	
BSF225-BEAM BOX	Ø76	100	18	4×M12, 8.8, L=165mm 2 connecting couplings. Pretec B2000. M12x50 18x18
BSF300-BEAM BOX	Ø76	100	18	4×M12, 8.8, L=165mm 2 connecting couplings. Pretec B2000. M12x50 18x18
BSF450-BEAM BOX	Ø76	100	30	2×M20, 8.8, L=175mm 1 connecting coupling. Pretec B2000. M20x70 30x30
BSF700-BEAM BOX	Ø175	140	30	4×M20, 8.8, L=135mm 2 connecting couplings. Pretec B2000. M20x70 30x30
BSF1100-BEAM BOX	Ø175	200	36	4×M24, 8.8, L=80mm 2 connecting couplings. Pretec B2000. M24x80 32x32

Table 1: Horizontal anchoring for two-sided T-connection and beam width B=500mm.

With respect to reinforcement, reference is made to memo 526.

REVISION	
Date:	Description:
10.04.2015	First edition.
24.05.2016	New template.
14.02.2020	Included BSF1100