

Metal free zone for
 × Belt conveyer
 ×× Vibratory conveyer
 ××× Non moving metal

	1A	1B	1C	1D	1E	1F	N	L	A	B	C
inch	3.15"	1.25"	1.18"	∅0.56"	12.8"	5.91"	DW-1.2"	11.61"	MFZ 47.2"	MFZ 27.6"	MFZ 23.6"
mm	80	32	30	∅14	325	150	DW-30	295	MFZ 1200	MFZ 700	MFZ 600

PROTECTIVE NOTE		MATERIAL: STAINLESS STEEL				
PROCESSED Bode	CHECKED Albrecht	FILENAME:			DATE 30 Jun 2005	SCALE %
		DRAWING NAME FLAT PLATE METAL DETECTORS				SHEET 1
		DRAWING NUMBER TTSi 2006				

Flat Plate - Dimensions

INCH DIMENSIONS IN SHADED AREA


Sensing Width SW		Detector Width DW	
inch	mm	inch	mm
11,81	300	20,08	510
15,75	400	24,02	610
17,72	450	25,98	660
23,62	600	31,89	810
31,50	800	39,76	1010
37,40	950	45,67	1160
43,31	1100	51,57	1310
49,21	1250	57,48	1460
55,12	1400	63,39	1610
61,02	1550	69,29	1760
66,93	1700	75,20	1910
72,83	1850	81,10	2060
84,65	2150	92,91	2360
98,43	2500	106,69	2710
108,27	2750	116,54	2960
120,08	3050	128,35	3260
131,89	3350	140,16	3560

Sensitivity	
Detection height	Ferrous nut
50	M2
1,97	3/32"
100	M5
3,94	3/16"
150	M8
5,91	5/16"
200	M14
7,87	9/16"
220	M16
8,66	5/8"

To calculate sensitivity for other metals use following multiplication factor.

Stainless steel = APP. Fe-ball x 1,5

Cu, Alu, Brass. = APP. Fe-ball x 1,2

PROTECTIVE NOTE		MATERIAL: STAINLESS STEEL				
PROCESSED Bode	CHECKED Albrecht	FILENAME:			DATE 30Jun2005	SCALE %
		DRAWING NAME FLAT PLATE METAL DETECTORS				
		DRAWING NUMBER TTSi 2006-A				SHEET 2