

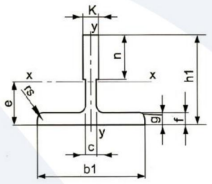


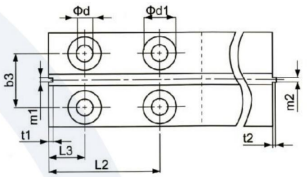
PART 1

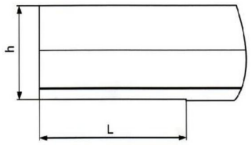
Guiding System

MACHINED GUIDE RAIL

Machined Guide Rail







T型导轨尺寸 Dimensions of Machined Guide Rail

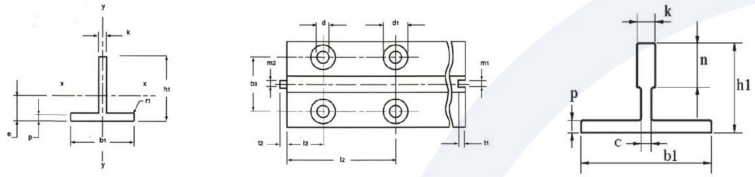
COD.ISO	b1	h1	h	k	n	c	g	f	rs	m_1	m_2	t_1	t_2	l	d	d_1	b_3	l_2	l_3
	TOLERANCES																		
	±1.5	±0.75	±0.1	+0.1 0 ±0.05 (0)	+3 0		±0.75	±0.75		+0.06 0 ±0.03 (0)	0 -0.06 (0) -0.03	±0.1	±0.1	+3 0			±0.2	±0.2	±0.2
T70-1/B	70	65	64	9	34	6	6	8	1.5	3	2.95	3.5	3	128	13	26	42	105	25
T75-3/B	75	62	61	10	30	8	7	9	3	3	2.95	3.5	3	123	13	26	43	90	30
T78/B	78	56	55	10	26	7	6	8.5	3	3	2.95	3.5	3	123	13	26	43	90	30
T82/B	82.5	68.25	66.6	9	34	7.5	6	8.25	3	3	2.95	3.5	3	111	13	26	50.8	81	27
T82-3/B	82	62	61	15.88	30	10	7	10	3	3	2.95	3.5	3	156	13	26	50.8	114.3	38.1
T89/B	89	62	61	16	33.4	10	7.9	11.1	3	6.4	6.37	7.14	6.35	156	13	26	57.2	114.3	38.1
T89-1B	89	62	61	15.88	33.4	10	7	10	3	3	2.95	4	3.5	156	13	26	57.2	114.3	38.1
T90/B	90	75	74	16	42	10	8	10	4	6.4	6.37	7.14	6.35	156	13	26	57.2	114.3	38.1
T114/B	114	89	88	16	38	9.5	7.9	11.1	4	6.4	6.37	7.14	6.35	156	17	33	74	114.3	38.1
T127-1B	127	88.9	88	15.88	44.5	10	7.9	11.1	4	6.4	6.37	7.14	6.35	156	17	33	79.4	114.3	38.1
T127-2/B	127	88.9	88	15.88	50.8	9.5	12.7	15.9	5	6.4	6.37	7.14	6.35	156	17	33	79.4	114.3	38.1

T型导轨技术参数 Physical Properities of Machined Guide Rail

COD.ISO	S cm^2	q_1 kg/m	e cm	I_{xx} cm^4	W_{xx} cm^3	i_{xx} cm	I_{yy} cm^4	W_{xx} cm^3	i_{yy} cm
T70-1/B	9.51	7.47	2.04	41.3	9.24	2.09	18.65	5.35	1.4
T75-3/B	10.99	8.63	1.86	40.35	9.29	1.92	26.49	7.06	1.55
T78/B	9.84	7.72	1.65	29.9	7.56	1.47	26.1	6.71	1.63
T82/B	10.9	8.55	1.98	49.4	10.2	2.13	30.5	7.4	1.67
T89/B	15.7	12.3	2.09	59.7	14.5	1.98	53	11.9	1.84
T89-1B	15.7	11	2.09	59.7	14.5	1.98	53	11.9	1.84
T90/B	17.2	13.5	2.65	102.2	20.9	2.5	52	11.9	1.76
T114/B	20.8	16.4	2.87	179	29.7	2.93	108	19.1	2.28
T127-1B	22.6	17.8	2.75	187	30.4	2.91	151.5	24	2.65
T127-2/B	28.9	22.7	2.46	200	31	2.68	235	36.8	2.86

MOZITOR ELEVATOR

Cold Drawn Guide Rail

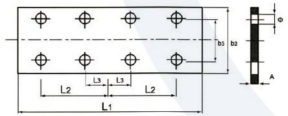


冷拔导轨尺寸 Dimensions of Cold Drawn Guide Rail

COD.ISO	b1	h1	k	p	rs	m1	m2	t1	t2	d	b3	l2	l3
	TOLERANCES												
	±1	±0.2	±0.15	±0.5		+0.06 0 +0.03 (0)	0 -0.06 (0) -0.03	±0.1	±0.1		±0.2	±0.2	±0.2
T45/A	45	45	5	5	1	2	1.95	2.5	2	9	25	65	15
T50/A	50	50	5	5	1	2	1.95	2.5	2	9	30	75	25

COD.ISO	b1	h1	k	p	rs	m1	m2	t1	t2	d	b3	l2	l3
	TOLERANCES												
	±1.5	±0.1	±0.1 0	±0.75		+0.06 0 +0.03 (0)	0 -0.06 (0) -0.03	±0.1	±0.1		±0.2	±0.2	±0.2
T70/A	70	65	9	7	1.5	3	2.95	3.5	3	13	42	105	25

Fishplate

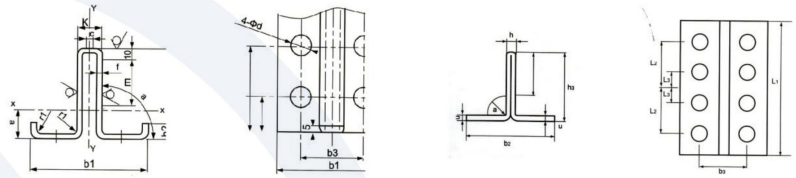


连接板尺寸 Dimensions of Fishplate and Joint Holes

COD.ISO	d(mm)	b2(mm)	b3(mm)	L1(mm)	L2(mm)	L3(mm)	A(mm)	weight kg/pc	boit size
	TOLERANCES								
		±1.5	±0.2	±1.5	±0.2	±0.2	±0.2		
T70	13	70	42	250	105	25	10	1.33	M12X40
T75,T78	10	75	43	240	90	30	10	1.33	M12X40
T82	13	80	50.8	216	81	27	10	1.33	M12X40
T89,T90,T89-1	13	90	57.2	305	114.3	38.1	13	2.7	M12X40
T114B	17	120	70	305	114.3	38.1	17	5	M16X60
T127-1,T127-2	17	130	79.4	305	114.3	38.1	18	6	M16X60
T45	9	50	25	160	65	15	8	0.5	M8X25
T50	9	50	30	200	75	25	8	0.6	M8X25

MACHINED GUIDE RAIL

Hollow Guide Rail



T型导轨尺寸 Dimensions of Hollow Guide Rail

项目Project 数值Size / 公差Tolerance 型号Model	b1	c	f	h1	h2	k	m	r1	a	b3	l2	l3	d
	±1	-	+0.2 -0.15	+0 -0.5	-	±0.4	-	-	+60' +20'	±0.5	±0.5	±0.5	-
TK3	75	-	2	55±0.2	-	10±0.2	20	5	90°	43	90	30	10
TK5	87	≥1.8	2.75	60	-	16.4	25	3	90°	50	180	20	14
公差Tolerance	±1	-	+0.2 -0.15	±0.3	±1	±0.45	-	-	-	±0.5	±0.5	±0.5	-
TK3A	78	≥1.8	2	60	10	16.4	25	3	90°	45	75	25	11.5

空心导轨技术参数 Physical Properities of Hollow Guide Rail

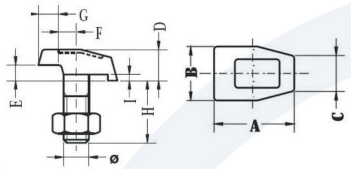
项目Project 数值Size / 公差Tolerance 型号Model	s cm²	q1 kg/m	e cm	Ixx cm⁴	Wxx cm³	ixx cm	Iyy cm⁴	Wxx cm³	iyy cm
TK3	3.48	2.5	1.86	11.89	3.27	1.85	6.47	1.73	1.36
TK5	5.86	4	2.15	26.9	6.99	2.08	18.61	4.28	1.73
TK3A	4.36	3.4	2.18	18.09	4.74	2.04	13.62	3.49	1.77
TK5A	6.17	4	2.14	24.33	6.3	1.99	18.78	4.82	1.74

连接件与导轨连接孔位尺寸参数 Dimensions Fishplate of Sectional Area & Joint Hole of Hollow Guide Rail

项目Project 数值Size / 公差Tolerance 型号Model	b2	h3 ±1	h ±0.2	u	b3 ±0.5	L1 ±1.5	L2 ±0.5	L3 ±0.3	Φd	bolt
LK3	72	40	6.0	2.75	43	220	90	30	10	M8X25
LK5	88	59	10.0	4	50	400	180	20	14	M12X35
LK3A	78	50	12.0	2.75	45	200	75	25	11.5	M10X35
TK5A	78	50	10.0	4	45	200	75	25	11.5	M10X35

Rail Clip





T Clip	Applicable Guide Rail Size	Φ	A	B	C	D	E	F	G	H	I
T1	T45/A,T50/A	M10	32	22	15	12	6	5	11	23	2
T2	T70-1/A,T70-1/B,T75-3/B,T78/B,T82/A,T82/B	M12	39	26	19	15	7	6.5	13	27	3
T3	T82-3/B,T89/A,T89/B,T90/A,T90/B	M14	45	29	21	19	10	8	13	34	4
T4	T114/B,T125/B,T127-1/B,T127-2/B	M16	50	34	22	21	11	8.5	15	40	4
T5	T140-1/B,T140-2/B	M18	55	37	22	23	13	11	17	42	4

Anchor Bolts



Type A

Mozitor Code	Size
MZT-BA-1210	M12*100
MZT-BA-1212	M12*120
MZT-BA-1215	M12*150
MZT-BA-1220	M12*200
MZT-BA-1610	M16*100
MZT-BA-1612	M16*120
MZT-BA-1615	M16*150
MZT-BA-1620	M16*200



Type F

Mozitor Code	Size
MZT-BF-1210	M12*100
MZT-BF-1212	M12*120
MZT-BF-1215	M12*150
MZT-BF-1610	M16*100
MZT-BF-1612	M16*120
MZT-BF-1614	M16*140

Fasteners

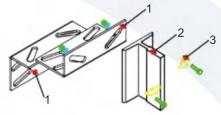
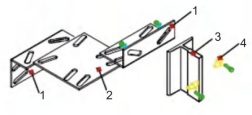


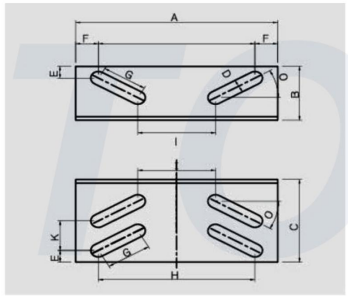


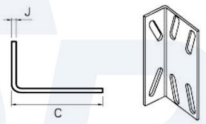


Specifications	8*20	8*25	10*30	10*45	10*50	12*30	12*45	12*50	16*50	16*55	16*60	20*60	20*80
Grade	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8
remarks	Re:1) Finish options include plain(self colored),galvanized or zinc plated. 2) Product threading can beofferde in UNC,UNF or metric.												

Rail Bracket

Bracket	Bracket(with extension)
	
1.Standard Bracke/Specal Bracket 2.Guide Rail 3.Rail Clip	1.Standard Bracke/Specal Bracket 2.Extension for Bracket 3.Guide Rail 4.Rail Clip
	

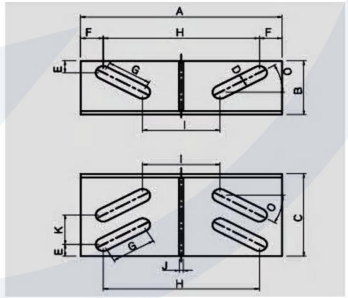


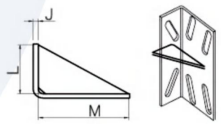


1 Piece Pos1
Material:st-37

Standard Bracket

	A±1	B±1	C±1	D	E	F	G	H	I±1	J	K	O
MZT-B1	130	50	75	11	12	22.5	27	85	47	4	28	45°
MZT-B2	200	62	95	15	13.5	22.5	45	155	77	5	34	30°
MZT-B3	270	65	100	19	13.5	25	54	220	126	6	34	30°
MZT-B4	270	70	105	19	13.5	25	54	220	126	8	34	30°

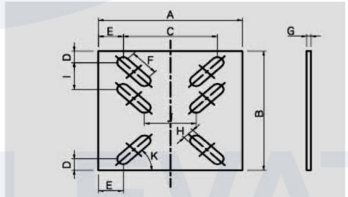




1 Piece Pos1
Material:st-37

Reinforced Bracket

	A±1	B±1	C±1	D	E	F	G	H	I±1	J	K	L	M	O
MZT-BR1	130	50	75	11	12	22.5	27	85	47	4	28	46	71	45°
MZT-BR2	200	62	95	15	13.5	22.5	45	155	77	5	34	57	90	30°
MZT-BR3	270	65	100	19	13.5	25	54	220	126	6	34	59	94	30°
MZT-BR4	270	70	105	19	13.5	25	54	220	126	8	34	62	97	30°



1 Piece Pos 2
Material:Q235

Extension for Bracket

	A±1	B±1	C	D	E	F	G	H±1	I	J±1	K
MZT-BL1	130	125	85	12	22.5	27	4	11	28	47	45°
MZT-BL2	200	157	155	13.5	22.5	45	5	15	34	77	30°
MZT-BL3	270	165	220	13.5	25	54	6	19	34	126	30°
MZT-BL4	270	165	220	13.5	25	54	8	19	34	126	30°

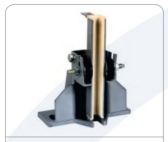
Remark: We can process customized according to customer's drawings.

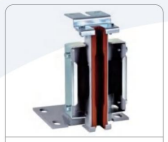
Guide Shoes


MZT-GS-029


MZT-GS-847


MZT-GS-847W


MZT-GS-B22

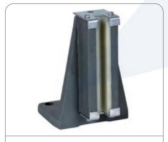

MZT-GS-310F


MZT-GS-B22-1


MZT-GS-129


MZT-GS-02


MZT-GS-03


MZT-GS-05


MZT-GS-07


MZT-GS-T15


MZT-GS-T22


MZT-GS-T26


MZT-GS-T28


MZT-GS-028


MZT-GS-310H


MZT-GS-310G


MZT-GS-310GW


MZT-GS-L10

MZT CODE	RATED SPEED(M/S)	WITH OF GUIDE RALL(MM)
MZT-GS-029	≤1.75m/s	9,10,16
MZT-GS-847	≤1.75m/s	10,16.4
MZT-GS-847W	≤1.75m/s	10,16.4
MZT-GS-B22	≤2.0m/s	10,16
MZT-GS-310F	≤2.0m/s	10,16
MZT-GS-B22-1	≤2.0m/s	10,16
MZT-GS-129	≤2.0m/s	16
MZT-GS-02	≤1.0m/s	10,16
MZT-GS-03	≤1.75m/s	10,16
MZT-GS-05	≤0.63m/s	10,16
MZT-GS-07	≤0.63m/s	10,16
MZT-GS-T15	≤2.5m/s	10,16
MZT-GS-T22	≤2.5m/s	10,16
MZT-GS-T26	≤1.75m/s	10,16
MZT-GS-T28	≤1.75m/s	10,16
MZT-GS-028	≤1.75m/s	16
MZT-GS-310H	≤1.75m/s	10
MZT-GS-310G	≤1.75m/s	10,16.4
MZT-GS-310GW	≤1.75m/s	10,16.4
MZT-GS-L10	≤1.75m/s	5,10,16.4

GUIDING SYSTEM

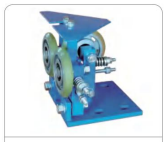
Guiding System
Traction System
Car System
Door System
Safety Protectiom System
Electrical Control System
Accessories

Guide Shoes


MZT-GS-76A


MZT-GS-019

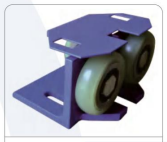

MZT-GS-001A


MZT-GS-001B


MZT-GS-001C


MZT-GS-002A


MZT-GS-002B


MZT-GS-003A


MZT-GS-003B


MZT-GS-004


MZT-GS-005


MZT-GS-006A


MZT-GS-006B


MZT-GS-006C


MZT-GS-006D

MZT CODE	RATED SPEED(M/S)	WITH OF GUIDE RALL(MM)
MZT-GS-76A	≤1.75m/s	10,16
MZT-GS-019	≤0.63m/s	10
MZT-GS-001A	≤2.5m/s	10,16
MZT-GS-001B	≤2.5m/s	10,16
MZT-GS-001C	≤2.5m/s	15.88-16
MZT-GS-002A	≤3.0m/s	10,16
MZT-GS-002B	≤3.0m/s	10,16
MZT-GS-003A	≤3.5m/s	10,16
MZT-GS-003B	≤3.5m/s	10,16
MZT-GS-004	≤3.5m/s	10,16
MZT-GS-005	≤2.0m/s	10,16
MZT-GS-006A	≤0.4m/s	10,16
MZT-GS-006B	≤0.63m/s	10,16
MZT-GS-006C	≤0.63m/s	16
MZT-GS-006D	≤0.63m/s	16