

Data Sheet 1-2

Revision	28-Jun-06
Originator	K.Bunfield

MBT Range of Stainless Steel Cable Ties

Material type - Stainless Steel 304 grade

Description Metal Ball Tie (MBT) - This is the type of locking mechanism in the Tie head

Manufactured from SS304

Anti-Magnetic
Tie Strap has safe, rolled edge dressing.
VPN 190

Size Range See HT Catalogue for full range size details but in summary:-

SS Denotes 4.6mm width and 304 material
e.g. MBT5SS
MBT33SS

HS Denotes 7.9mm width and 304 material
e.g. MBT8HS
MBT33HS

XHS Denotes 12.3mm width and 304 material
e.g. MBT14XHS
MBT33XHS

Minimum Tensile Strength

S	670 Newtons/mm2	(150lbs)
H	1115 Newtons/mm2	(250lbs)
XH	2225 Newtons/mm2	(500lbs)

Temperature Range -80°C to 538°C

Chemical Resistance Good resistance against water, oils, and a variety of solvents, alcohol and petrol.
Weather Resistant

Suitability Type 304 is for general, fire resistant fastening applications where a strong high tensile tie is needed

Shelf Life Unlimited

All datas are based on our knowledge and practical experience. Because of the big variety of possible influences in the processing we recommend to do specific tests prior to the real application. A legal binding confirmation cannot be derived from these datas. HellermannTyton reserves the right to make changes to this document, at any time, without notice to our customers.

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MBT - 304 Grade Stainless Steel Ties

Type	Length (mm)	Width (mm)	Bundle dia. max	Min tensile strength		Pack Qty
				lbs	N	
MBT5SS	127	4.6	25	150	670	100
MBT8SS	201	4.6	50	150	670	100
MBT14SS	362	4.6	102	150	670	100
MBT20SS	521	4.6	152	150	670	100
MBT27SS	681	4.6	203	150	670	100
MBT33SS	838	4.6	254	150	670	100
MBT8HS	201	7.9	50	250	1115	50
MBT14HS	362	7.9	102	250	1115	50
MBT20HS	521	7.9	152	250	1115	50
MBT27HS	681	7.9	203	250	1115	50
MBT33HS	838	7.9	254	250	1115	50
MBT14XHS	362	12.3	102	500	2225	50
MBT20XHS	362	12.3	102	500	2225	50
MBT27XHS	681	12.3	203	500	2225	50
MBT33XHS	838	12.3	254	500	2225	50

3 Strap widths available

Up to 500lbs tensile strength

Fast, secure installation

Safe to handle

Flame retardant

High temperature capability - 80°C to + 538°C