

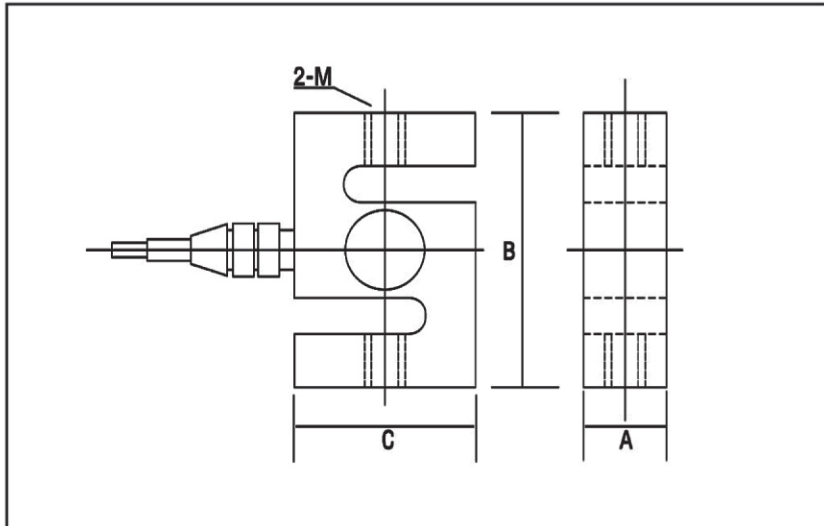
MTA/MTS

SERIES

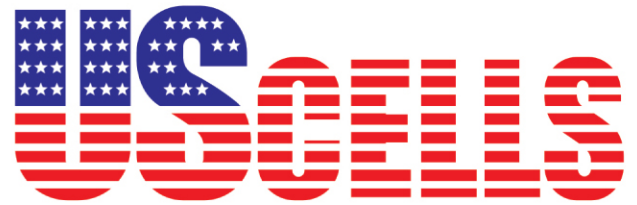
Aluminium / Tool Steel
S- Type Load Cells



Dimension:



Rated Load		Size: mm			Whorl	
Lb	Kg	A	B	C	Mm	Inch
	MTA-50-250	20	76	51	M10 X 1.5	
MTS-1K-3K	500 - 2000	25.4	76	51	M12 X 1.5	1/2 - 20
5K - 10K	5000	25.4	108	76	M20 X 1.5	3/4 - 16
20K	10000	51	178	127	M30 X 3.5	1 1/4 - 12



Load Cell Specification:

Model	MTA	MTS
Capacity	50, 100, 150, 250 kg	500 lb, 1k, 2k, 3k, 5k, 10k, 20klb 500, 1000, 2000, 5000, 10,000kg
Sensitivity MV/V	3 ± 0.01	
Zero Balance	< 2% of Full Scale	
Creep (1 hour)	< 0.03% of Full Scale	
Non-linearity	< 0.03% of Full Scale	
Hysteresis	< 0.03% of Full Scale	
Repeatability	< 0.02% of Full Scale	
Temperature effect on Output	< 20PPM / °C of Applied Load	
Temperature effect on zero	< 20PPM / °C of Applied Load	
Operating temperature range	- 20 °C to 60 °C	
Compensated temperature range	- 10 °C to 50 °C	
Safe Overload	1.5 x Capacity	
Input Impedance	400 ± 10 Ohms	
Output Impedance	350 ± 5 Ohms	
Insulation Resistant	> 2,000 Meg - Ohms	
Recommended Excitation	10 V DC/AC	
Maximum Excitation	15 V DC/AC	
Cable Length	6 m / 10m	
Environmental Protection	IP 67	

Cable Color Code

Red	+ Excitation
Black	- Excitation
Green	+ Signal
White	- Signal