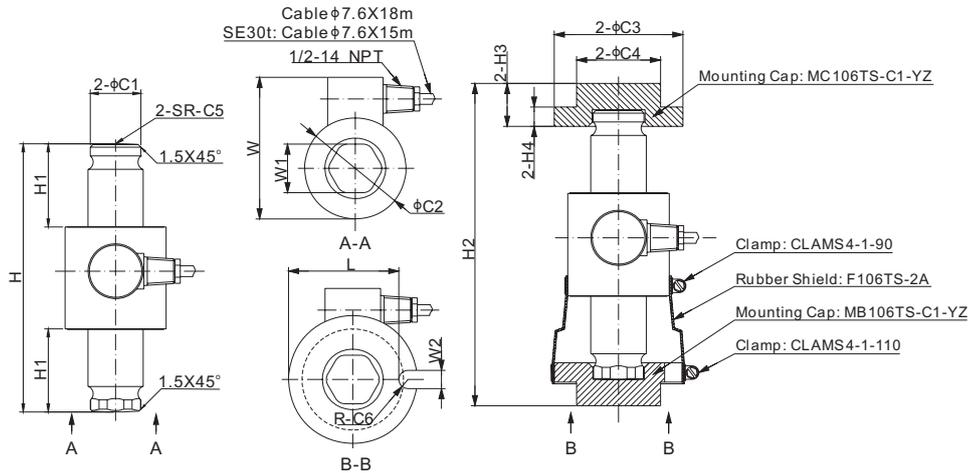
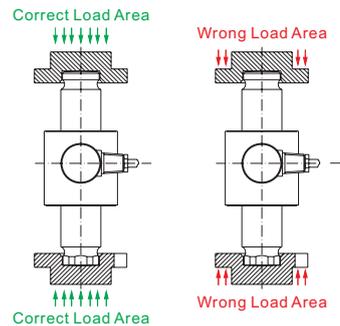


# 106TS

## Stainless Steel



Installation diagram: Correct Load Area



Mounting hardware to be ordered separately.

### DIMENSIONS

RATED CAPACITY	C1	C2	C3	C4	C5	C6	H	H1	H2	H3	H4	L	W	W1	W2
<b>Klb/inches</b>															
50-100	1.48	2.95	3.74	2.44	11.02	0.27	7.88	2.43	9.41	1.25	0.56	3.21	4.13	1.41	0.53
<b>t/mm</b>															
30	37.7	75.0	95.0	62.0	280.0	6.75	200.0	61.7	239.0	31.8	14.3	81.5	105.0	35.7	13.5
SE30	37.7	75.0	95.0	62.0	160.0	6.75	150.0	37.0	189.0	31.8	14.3	81.5	105.0	35.7	13.5
SE50	37.7	75.0	95.0	62.0	305.0	6.75	150.0	37.0	189.0	31.8	14.3	81.5	105.0	35.7	13.5

### SPECIFICATIONS

<b>Full Scale Output</b>	2.0 mV/V ± 0.1%	<b>Recommended Excitation</b>	10V (15V Maximum)
<b>Zero Balance</b>	± 0.02 mV/V	<b>Insulation Resistance</b>	>2 [ 50V DC ] GΩ
<b>Non-linearity</b>	< ± 0.030%	<b>Compensated Temperature Range</b>	-10°C to 50°C / 14°F to 122°F
<b>Repeatability</b>	< ± 0.017%	<b>Safe Overload</b>	150% of full scale
<b>Hysteresis Error</b>	< ± 0.017%	<b>Breaking Overload</b>	300% of full scale
<b>Creep in 30 min.</b>	< ± 0.020%	<b>Seal Type / IP Rating</b>	Welded Seal / IP68
<b>Input Resistance</b>	1150Ω ± 50	<b>Cable Color Code</b>	Exc+ Red      Exc- Black Sig+ Green      Sig- White Shield Bare
<b>Output Resistance</b>	1000Ω ± 5		
<b>Element Material</b>	2Cr13 Stainless Steel		

### PART NUMBER\*

Load Cell	Rated Capacity	Part No.	Weight Approx. (kg)
50Klb	50Klb	106TS-50Klb-YZ	4.2
100Klb	100Klb	106TS-100Klb-YZ	4.4
30t	30t	106TS-30t-YZ	5.8
SE30t	SE30t	106TS-SE30t-YZ	3.7
SE50t	SE50t	106TS-SE50t-YZ	3.5

\* ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

### Mounting Kits\*

Load Cell Capacity	Part No.	Weight Approx. (kg)
SE30t, SE50t, 30t, 50Klb, 100Klb	106TS-PARTS-C1	-

\*Mounting kits 106TS-PARTS-C1: include  
1 mounting cap (MC106TS-C1-YZ), 1 x mounting base (MB106TS-C1-YZ),  
1 x rubber shield (F106TS-2A), 2 clamps (1 x CLAMS4-1-90, 1 x CLAMS4-1-110)

Rated Capacity	Part Number	INTERCHANGEABLE REFERENCE	
		Coti-Global	Mettler-Toledo
50Klb	106TS-50Klb-YZ		Powercell 760/MTX*
100Klb	106TS-100Klb-YZ		Powercell 760/MTX*
30t	106TS-30t-YZ	CG-26S7-30t-797	Powercell 760/MTX*
SE30t	106TS-SE30t-YZ	CG-26S7-30t	0782, 30t
SE50t	106TS-SE50t-YZ	CG-26S7-50t	0782, 50t

\* Powercell 760 and MTX are digital load cells.



NTEP 1:10 000 Class III, Multiple Cell



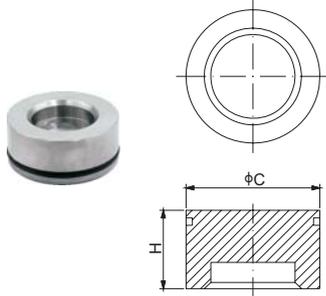
OIML MAA C3, Y=16 000

For further available P/N's & specifications per NTEP/OIML classes, please contact us.

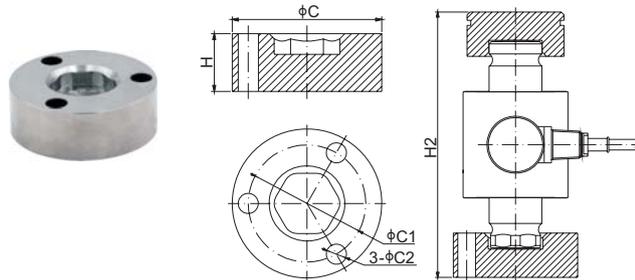
For applications that need to replace Mettler Toledo Powercell PDX (SLC820) 30t or 50t, you have options too: Order mounting variation A or B with 106TS-SE30t-YZ or 106TS-SE50t-YZ.

### Mounting variation A:

**Mounting Cap:** MC106TS-A1-YZ

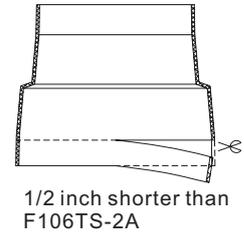


**Mounting Base:** MB106TS-A1-YZ



**Rubber shield:**

F106TS-2B



PART NUMBER	RATED CAPACITY	DIMENSIONS							
		C	C1	C2	H	H1	H2	L	W
	<b>t/mm</b>								
MC106TS-A1-YZ	30	69.3	-	-	31.8	-	190.6	-	-
MB106TS-A1-YZ	30	88.9	69.9	12.7	31.8	-	190.6	-	-
	<b>Klb/inches</b> (conversion of above dimensions)								
MC106TS-A1-YZ	66.14	2.73	-	-	1.25	-	7.5	-	-
MB106TS-A1-YZ	66.14	3.50	2.75	0.50	1.25	-	7.5	-	-

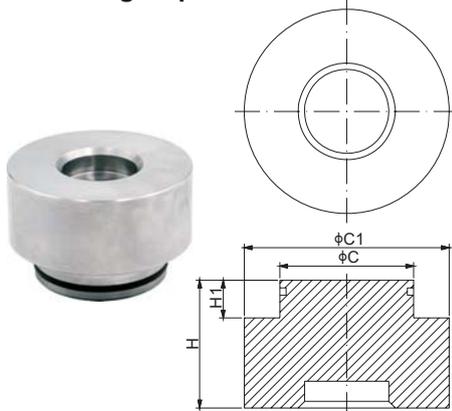
Mounting kits:

106TS-PARTS-A1:

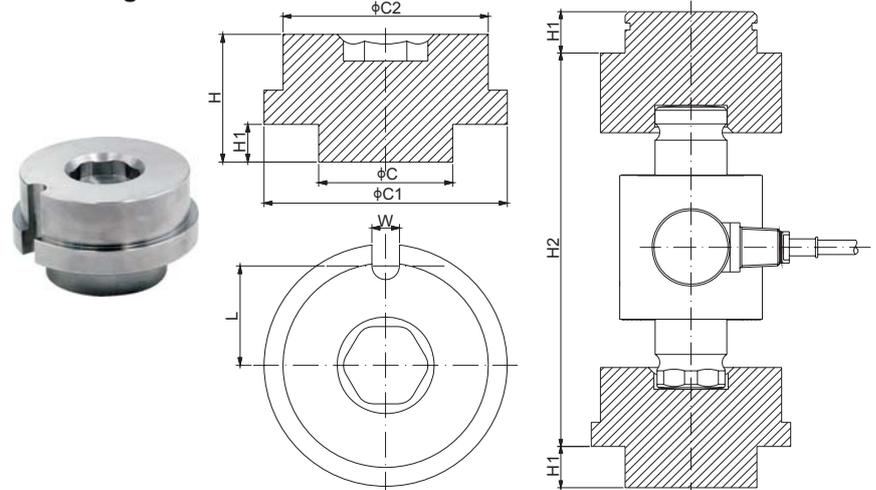
Include 1 x mounting cap (MC106TS-A1-YZ), 1 x mounting base (MB106TS-A1-YZ), 1 x rubber shield (F106TS-2B), 2 x clamps (1 x CLAMS4-1-90, 1 x CLAMS4-1-110)

### Mounting variation B:

**Mounting Cap:** MC106TS-B1-YZ



**Mounting Base:** MB106TS-B1-YZ



PART NUMBER	RATED CAPACITY	DIMENSIONS							
		C	C1	C2	H	H1	H2	L	W
	<b>t/mm</b>								
MC106TS-B1-YZ	30	69.3	95.3	-	63.5	21.8	207.9	-	-
MB106TS-B1-YZ	30	69.3	104.9	95.3	63.5	21.8	207.9	46.2	12.7
	<b>Klb/inches</b> (conversion of above dimensions)								
MC106TS-B1-YZ	66.14	2.73	3.75	-	2.50	0.86	8.19	-	-
MB106TS-B1-YZ	66.14	2.73	4.13	3.75	2.50	0.86	8.19	1.82	0.50

Mounting kits:

106TS-PARTS-B1:

Include 1 x mounting cap (MC106TS-B1-YZ), 1 x mounting base (MB106TS-B1-YZ), 1 x rubber shield (F106TS-2B), 2 x clamps (1 x CLAMS4-1-90, 1 x CLAMS4-1-110)

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