



TestWise – How to Setup T18 Loop Bars

A separate Jaw Scheme is required for each size (diameter) of Loop Bar. T18 Loop Bars are supplied complete with 4, 6.5, 8, 10 and 13 mm diameter bars. From the File menu, select Options, then Jaw Schemes, then select New.

TestWise Options						×		
General Graph Jaws Jaw Schemes Load Cells TestWise Settings Titlan Settings Titlas Users Manual Firmware	Corrent Jave Scheme Current Jave Scheme T27 T27 T27 T27 T24 T20 T24 T20 T24 T22 T23 T22 T23 T28 T28 T28 T28 T28 T28 T28 T28	tew Delete				Jog Mode		
Genn Grap Jaws Jaw Load Test Titar Tite User Manu	sh SChemes I Cells Wise Settings n Settings s s	T27 T27 L2 T27 L2 T24 T24 T24 T24 T24 T24 T23 T23 T23 T23 T23 Scheme1 Current Jaw Sch T27	re javs schemes New Delete	Name: Description: Reference Position: Custom Offset: Load Separation: Top Jaw: Bottom Jaw: Mode of Operation:	0.0000 0.0000 AF Clamp AF Clamp	Cancel	Jog h	mm mm





Type a Name and Description

TestWise Options				X
TestWise Options General Graph Jaws Jaw Schemes Load Cells TestWise Settings Titlas Settings Titles Users Manual Firmware	Image: Configure javes schemes New Delete T27 T27 T27 LC T24 T20 T24 T20 T12 T22 T23 T28 T238 T238 T238 T238 T238 T238 T238 T238 T38 LC T4 T2C T38 LOmm bars	Name: Description: Reference Position: Custom Offset: Load Separation: Top Jaw: Bottom Jaw: Mode of Operation:	TIS 4.0mm bars Loop Bars 0.0000 0.0000 AF Clamp - AF Clamp -	Mode mm mm
	Current Jaw Scheme: T27 -		Apply OK Cane	el

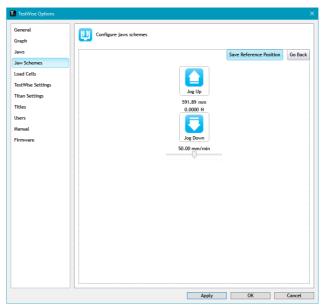
Verify and enter the Reference Position. This value is the same for all sizes of Loop Bar.

Fit the T18 Loop Bars to Titan.

Click Jog Mode.

Use the Speed controls and the Up and Down controls to move the top T18 so that the distance between the top and the bottom bodies (not the bars) is 100 mm, as shown below.





Press Save Reference Position, then Go Back.





The Position value "591.89 mm" (for example only) will be transferred.

Then add 100 to "591.89" mm.

General Graph	Configure jaws schemes			
Jaws	New Delete	•	Jog	Mode
Jaw Schemes Load Cells TextVise Settings Titan Settings Titles Users Manual Firmware	New Uelete T27 T27 LC T24 T20A T14 T12 T22 T23A T28 T238 T238 T238 T238 LC T4 T23C T18 4.0mm bars		T18 40mm bars Loop Bars 691.89 0.0000 AF Clamp AF Clamp	mm mm
	Current Jaw Scheme: T27	•		

The Reference Position of "691.89 mm" (for example only) is used for all sizes of Loop Bars.

Next, enter the Custom Offset value – this value is DIFFERENT for each size of Loop Bar.

eneral raph	Configure jaws sche	mes			
aws	New D	Delete		Jog N	Node
aw Schemes oad Cells extWise Settings itan Settings itles sers anual Irmware	T27 T27 LC T24 T20A T14 T12 T23 T23A T28 T238 T238 LC T4 T20 T18 4.0mm bars	Name: Description: Reference Position: Custom Offset: Load Separation:	691.89 42.30 þ.0000 AF Clamp AF Clamp	4 90. 	mm mm mm
	Current Jaw Scheme:	-			

For 4.0 mm bars, Custom Offset = 42.30 mm

Load Separation value is always zero.





Then select the Top Jaw and Bottom Jaw which will be used in the Jaw Scheme from the drop-down list.

General	Configure jaws schemes			
Graph				
Jaws	New Delete			Jog Mode
Jaw Schemes	T27	Name:	T18 4.0mm bars	
Load Cells	T27 LC			
FestWise Settings	T24	Description:	Loop Bars	
litan Settings	T20A	Reference Position:	691.89	mm
itles	T14	Custom Offset:	42.30	mm
lsers				
Manual	T12	Load Separation:		mm
irmware	T22	Top Jaw:	T18 4.0mm bar	-
	T23A	Bottom Jaw:	AF Clamp	-
	T28 T23B	Mode of Operation:	AF Clamp AF Wire EN388 Clamp	-
	T23B LC		EN388 Probe	
	T4		STC T4	
	T23C		T5 T8	=
	T18 4.0mm bars		T9 T11 Clamp	
			T12 Clamp T12 Hook	
			T13 T14 Hook	
			T15 T17 LC	
			T17 Manual	
			T17 Wide T17	
	Current Jaw Scheme:		T18 4.0mm bar T18 6.5mm bar	
	T27 ·	-	T18 8.0mm bar	
		-	T18 10.0mm bar T18 13.0mm bar	_

Finally, check the Mode of Operation is set to Tension.

Graph Iaws Iaw Schemes	Configure jaws schemes			
	New Delete		J	og Mode
av Schemes Load Cells (istWise Settings (itan Settings Titles Jsers Aanual	T27 T27 LC T24 T20A T14 T12	Description: Reference Position: Custom Offset: Load Separation:	691.89 42.30 0.0000	mm mm
irmware	T22 T23A T28 T23B T23B LC T4 T23C T18 4.0mm bars	Bottom Jaw: Mode of Operation:	T18 4.0mm bar T18 4.0mm bar Tension	•

Lastly, click Apply followed by OK.

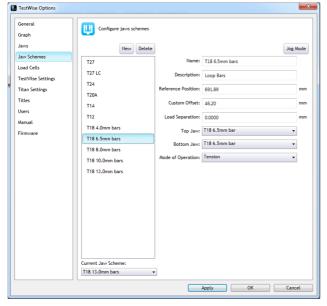




For the remaining bar sizes to be setup, it is not necessary to setup the Reference Position again.

However, the Custom Offset value, Top Jaw and Bottom Jaw must be set individually for each size of bar.

You can see the required Custom Offset values in the images below.



TestWise Option Genera Configure jaws schemes Graph Jaws New Delete Jog Mode Jaw Schemes Name: T18 8.0mm bar T27 Load Cells T27 LC Description: Loop Bars TestWise Setting T24 Titan Setting e Position: 691.89 mm T20A Titles Custom Offset: 48.60 mm T14 Users T12 Load Separation: 0.0000 mm Manual T18 4.0mm bars Top Jaw: T18 8.0mm bar Firmware ٠ T18 6.5mm bars Bottom Jaw: T18 8.0mm bar • T18 8.0mm bars de of Operation: Tension • T18 10.0mm bars T18 13.0mm bars Current Jaw Scheme T18 13.0mm bars . Apply OK Cancel

For 6.5 mm bars, Custom Offset = 46.20 mm

General Graph	Configure jaws sch	emes		
Jaws	New	Delete		Jog Mode
Jaw Schemes	T27	Name:	T18 10.0mm bars	
Load Cells	T27 LC			
TestWise Settings	T24	Description:	Loop Bars	
Titan Settings		Reference Position:	691.89	mm
Titles	T20A T14	Custom Offset:	51.70	mm
Users				
Manual	T12	Load Separation:	0.0000	mm
Firmware	T18 4.0mm bars	Top Jaw:	T18 10.0mm bar	-
	T18 6.5mm bars	Bottom Jaw:	T18 10.0mm bar	-
	T18 8.0mm bars	Mode of Operation:	Teorion	
	T18 10.0mm bars	mode of Operation:	101301	•
	Current Jaw Scheme: T18 13.0mm bars			
	Tie 13.0mm bars	-		

For 10.0 mm bars, Custom Offset = 51.70 mm

For 8.0 mm bars, Custom Offset = 48.60 mm

General	Configure jaws scheme	15		
Graph				
Jaws	New Del	ete		Jog Mode
Jaw Schemes	T27	Name:	T18 13.0mm bars	
Load Cells	T27 LC			
TestWise Settings	T24	Description:		
Titan Settings	T20A	Reference Position:	691.89	mm
Titles	T14	Custom Offset:	56.40	mm
Users	T12			
Manual		Load Separation:		mm
Firmware	T18 4.0mm bars	Top Jaw:	T18 13.0mm bar	-
	T18 6.5mm bars	Bottom Jaw:	T18 13.0mm bar	•
	T18 8.0mm bars	Mode of Operation:	Tension	•
	T18 10.0mm bars			
	T18 13.0mm bars			
	Current Jaw Scheme:			
	T18 13.0mm bars	•		

For 13.0 mm bars, Custom Offset = 56.40 mm

(ENDS)