



ON LINE UPDATE

**MUL-T-LOCK®**

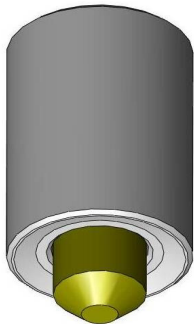
NO. 221

DATE: 11.03.09

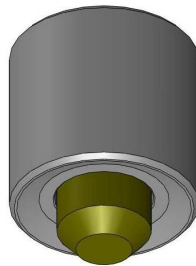
## Master Key Updates

### New driver pins T29, T22, T19

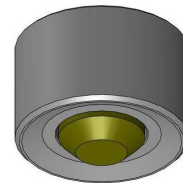
A while back (see Online update 191) we introduced to you the new **T29**, a special driver for eliminating the use of the # 1 internal master pin. This proved to be a smart move, and now, to complete the range, we are adding similar 22 & 19 mm drivers.



**T29** (80002099)



**T22** (87602237)

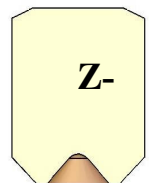
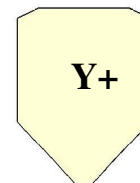
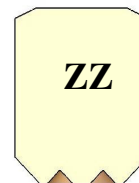


**T19** (87606430)

We stopped the production of the # 1 internal pin, and removed it from all pin kits and other inventories, and we ask you to do the same.

As for the 3 new **T** drivers, we suggest that you keep them in a separate box (not your pin kit!), as it is hard to see the difference between these and regular pins – and mistakes can be painful.

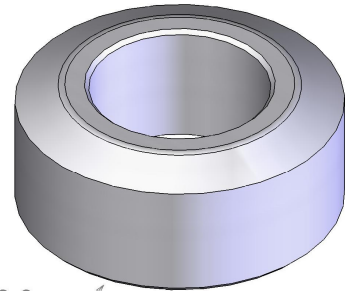
We have also removed 3 of the solid plug pins, ZZ, Y+, Z-, that were found to be of very little use, and added the new solid master pin # 4 (+4), that will work with Z+ in the next software version 4.30.





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$\phi 3.8$   
 ~~$\phi 4.0$~~

### External # 3

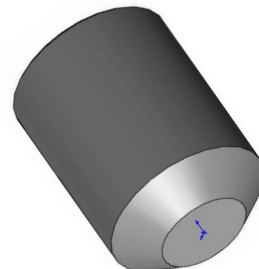
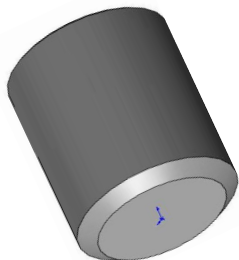
Studying and troubleshooting some Master Key Systems (MKS) issues - we came to the conclusion that all external master pins should be slightly reduced in diameter. This was implemented immediately on #3 ext. Since the difference was so small, we thought it would not be noticed – but some of you have already noticed and called us to ask questions. We will try harder not to surprise you again!

### New S1 & S2 Drivers

Working with the special driver to avoid the #1 internal, we enjoyed a real improvement in the quality (of life) with systems where this was used... So when we were faced with a tough system lately, where users were pulling the door by the key (not "unheard of"... ) we thought of doing the same – and it worked quite well! Out of this experience, two new driver pins were born:

**S1 can be used to avoid a #1 solid master pin**

**S2 can be used to avoid a pin stack of two #1 solid master pins when they come one on top of the other!**



This solution was also made available for the 22 & 19 mm products, as well as the very new MT5 platform.



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Masterpiece does not yet support this new concept (it will some time in the future – version 4.30), so "manual" entry is required.... Supply will be on special order, for customers who have systems involving these new pins.

### Playing it safe

When it comes to safe Master Key Systems – we cannot overdo it! Remember that a master keyed cylinder has come a long way from what a cylinder was designed to be in the first place. You will not be too far from the truth if you say it is a cylinder that was "tampered" with... to gain convenience. And that is why we must be very cautious when dealing with Master Key Systems. We must maintain a proper balance between security and convenience!

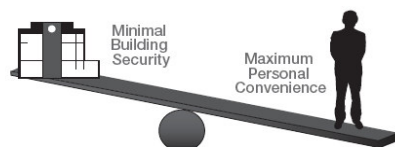
You must start at the very beginning – when you first define the system with the customer / end-user. If he is "flying sky high" with too many sub-masters or just too many combinations – don't hesitate to talk him down...

Use as few pin chambers as you possibly can – and never all of them!

Always incorporate side pins, and if needed back pins as well. Multiple key profiles are an option that has to be considered – when needed...

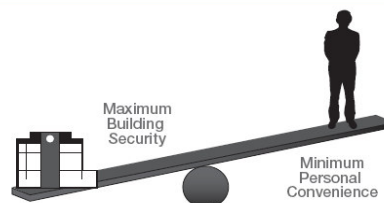
Last but not least: we are always happy to assist in solving simple or complex system challenges... So do not hesitate to get us involved!

Maximum Convenience



Some facilities will require great personal convenience. This takes away from building security.

Maximum Security



Some facilities will be heavily security-oriented. Lack of convenience may make it hard to operate the building on a day to day basis.

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