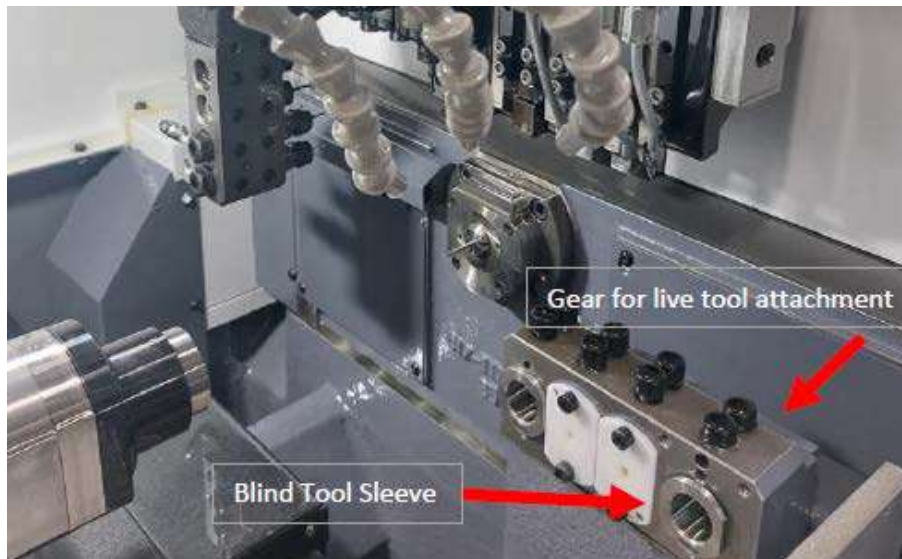


# ETP HYDRO-FIX SBW®

Hydraulic high **Swiss Back-Working** precision clamping unit

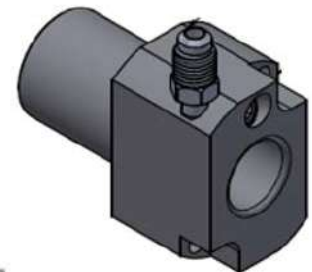
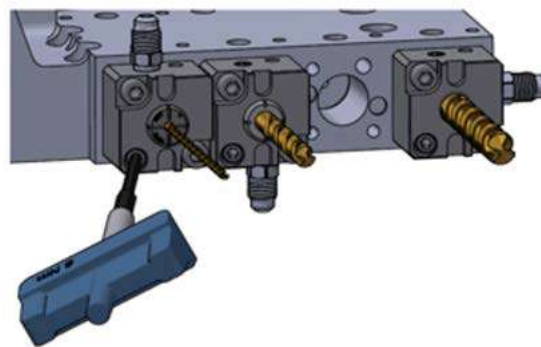
**ELIMINATE  
ER HOLDER  
RUNOUT**



**Excellent for static SWISS backworking operations**

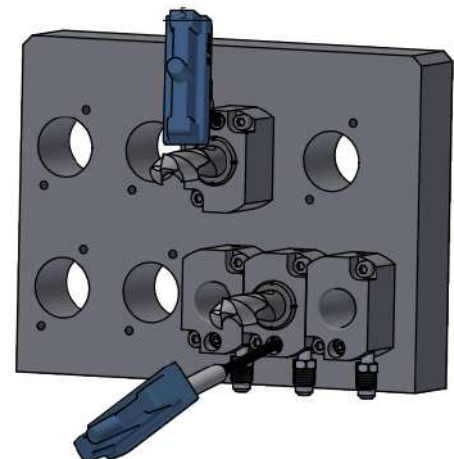
ETP HYDRO-FIX SBW clamping units are excellent for static backworking operations such as drilling, reaming and boring. With the one screw fix system it is quick and easy to handle. Precision hydraulic tool centering is achieved and the tool life and setup time is improved. The clamping unit allows for larger/deeper drilling, quick tool changes, absorbs/reduces vibration, improves surface quality and best of all: Increases your productivity!

**SAFER  
TOOL  
CHANGES**



## Get set up in 3 easy steps:

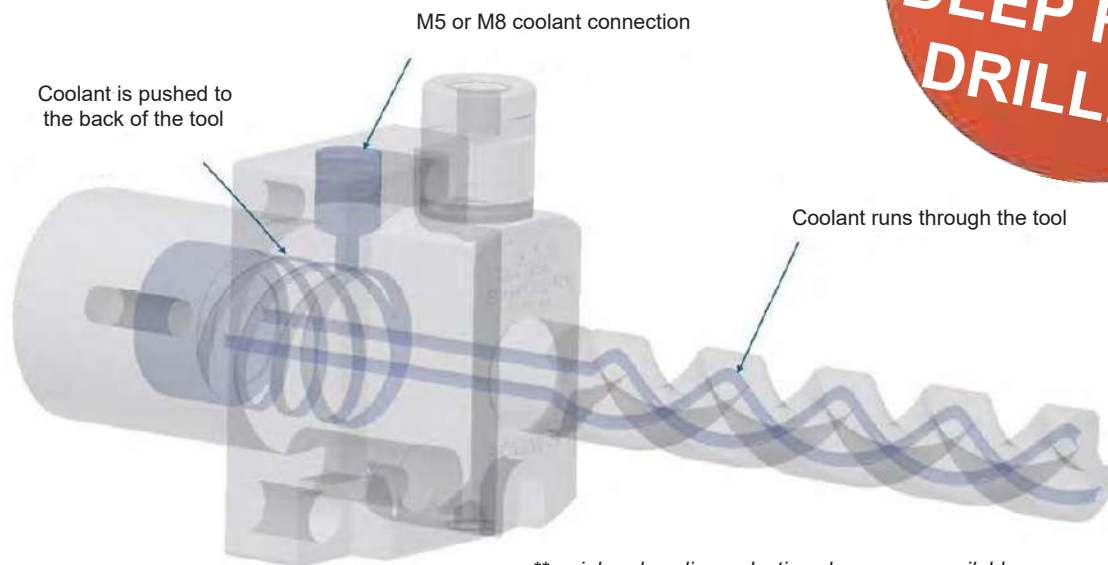
1. Simply pull out the "Blind Tool Sleeve" (if applicable) in the machine and then use HYDRO-FIX SBW in its place.
2. Clamp the set screws on the OD flat, or affix the same bolts from your existing block.
3. Use a coolant adapter to port coolant through the tool where you couldn't before.



# ETP HYDRO-FIX SBW<sup>®</sup>

Hydraulic high precision clamping unit

**COOLANT  
THROUGH  
DEEP HOLE  
DRILLING**



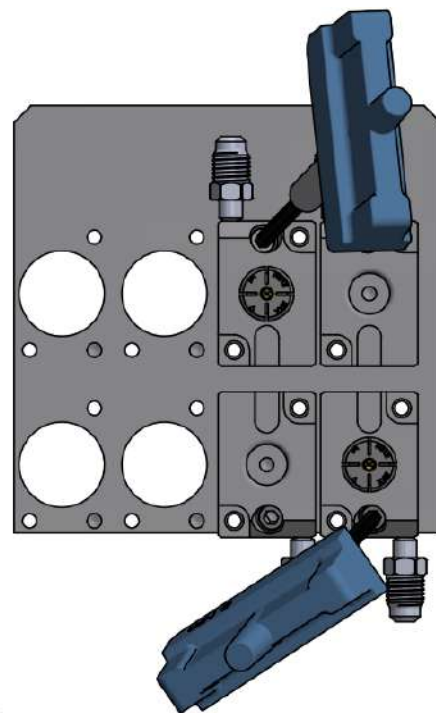
*\*\*peripheral cooling reduction sleeves are available*

## ETP SWISS BACKWORKING APPLICATION

- 1 . FIND YOUR MACHINE
- 2 . CHOOSE SUITABLE ETP HYDRO-FIX UNIT
- 3 . CHOOSE YOUR ACCESSORIES

**THREE  
EASY  
STEPS!**

1. MACHINE		2. CHOOSE ETP HYDRO-FIX UNIT						
Machine Mfg.	Machine type	706917	706961	707036	707037	707038	707105	706919
STAR	Several					•		
TSUGAMI	Several							•
TORNOS	GT						•	
CITIZEN	L12	•						
	L20		•					
	L32X			•	•			



### Additional information:

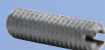
Tool/toolbar shank h6 or h7 can be used.

Adjustment screw included in shipment. Can also be ordered separately as spare part.

M5x0.8-16 Part no. S041

or

M8x1.25-25 Part no. S057



### Accessories:

Use a preset torque wrench to ensure correct mounting of tools.  
6 Nm - Part no. 19055



50mm long bit for wrench  
Part no. ETP-630



ETP HYDRO-FIX can be used with reduction sleeves.

R1912.\*\*\*\*

R1920.\*\*\*\*

R1925.\*\*\*\*



Extractors available for all sleeves

E7321.12000 - 12mm

E7321.20000 - 20mm

E7321.25000 - 25mm

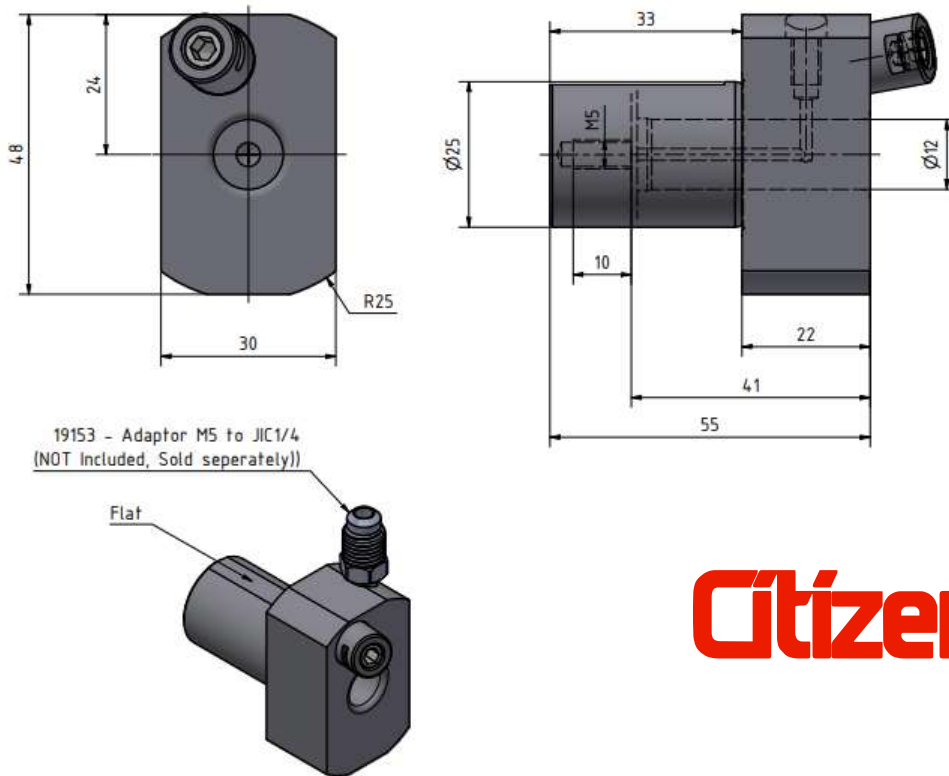
### Coolant adaptors:

Male M8x1.25 to Male 1/4" JIC  
Part no. 19152

Male M5 to Male 1/4" JIC  
Part no. 19153



## 706917 - ETP HYDRO-FIX SBW-12/25-33 (L12)



# Citizen

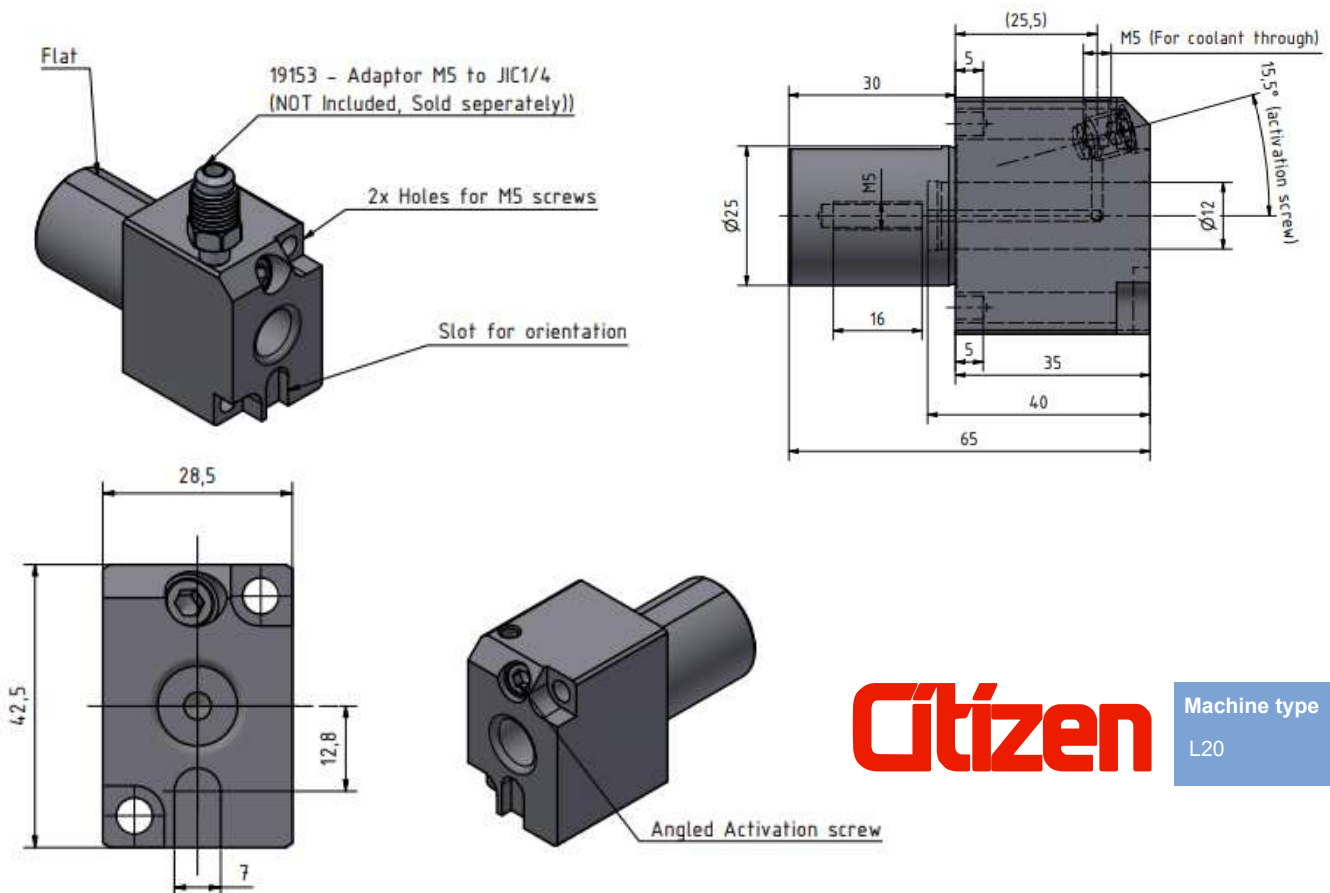
Machine type

L12

This L12 holder will also fit into an existing Tsugami holder 3282-Y211

Uses R1912.xxxxx reduction sleeves, E7321.12000, 19153, S041

## 706961- ETP HYDRO-FIX SBW-12/25-30 (L20)



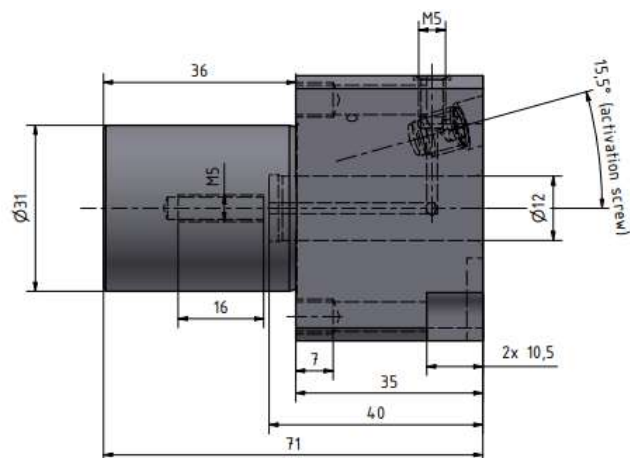
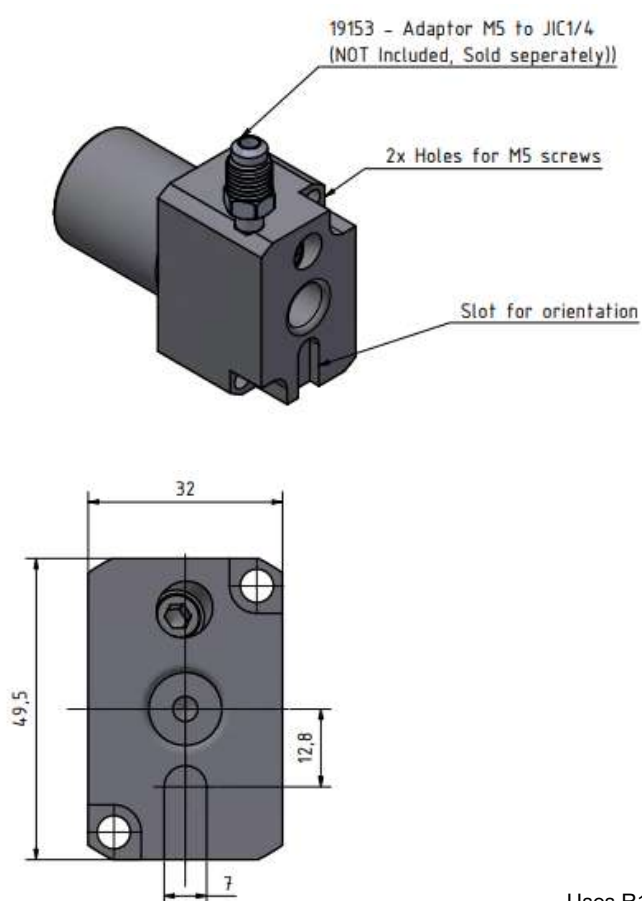
# Citizen

Machine type

L20

Uses R1912.xxxxx reduction sleeves, E7321.12000, 19153, S041

## 707036 - ETP HYDRO-FIX SBW-12/31-36 (L32X)



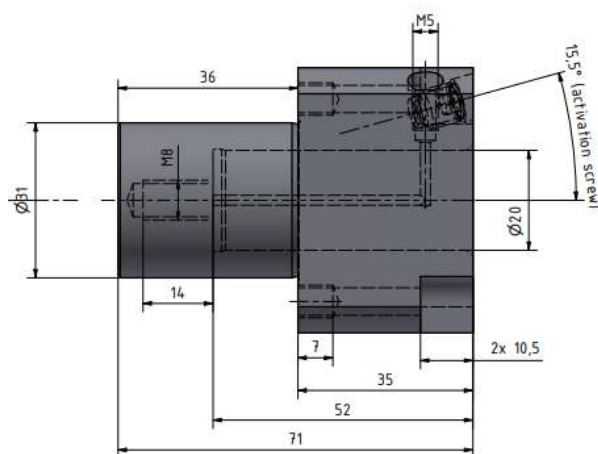
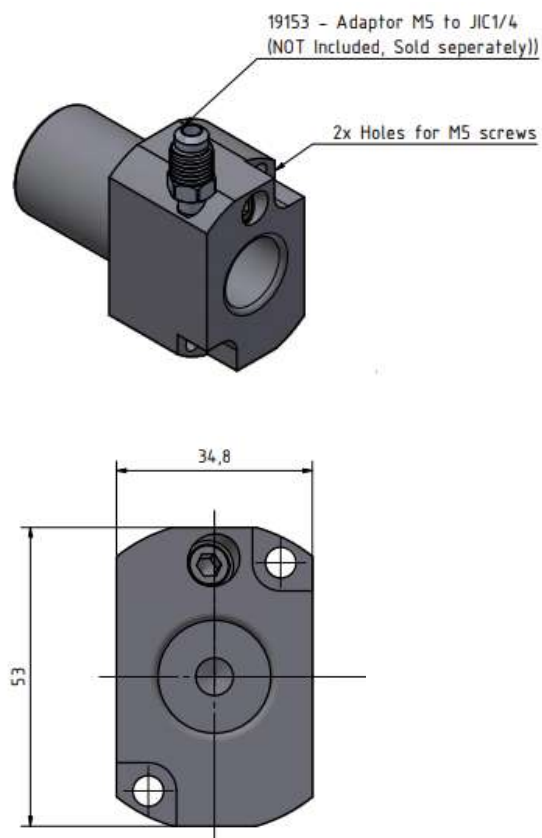
**Citizen**

Machine type

L32X

Uses R1912.xxxxx reduction sleeves, E7321.12000, 19153, S041

## 707037 - ETP HYDRO-FIX SBW-20/31-36 (L32X)



**Citizen**

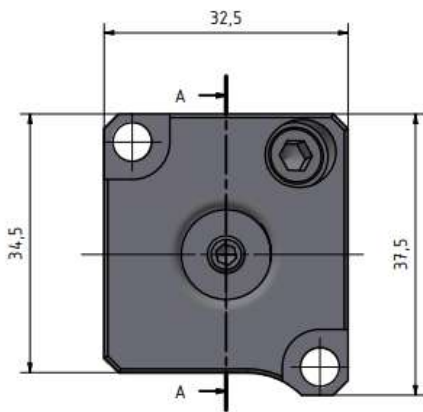
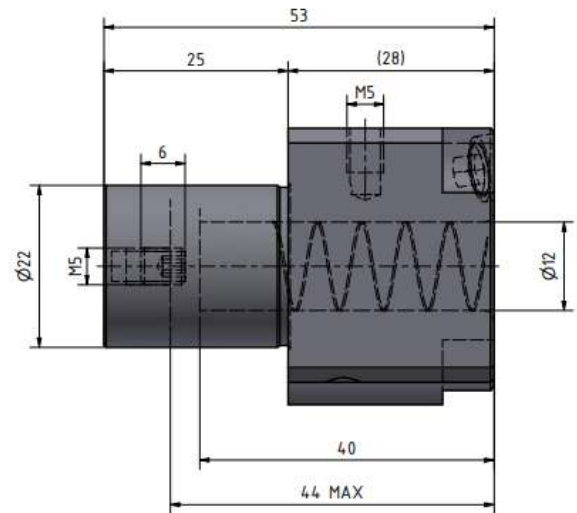
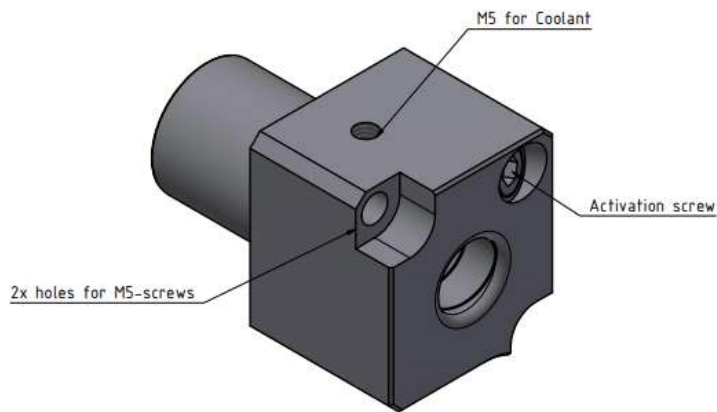
Machine type

L32X

Uses R1920.xxxxx reduction sleeves, E7321.20000, 19153, S057



## 707038 - ETP HYDRO-FIX SBW-12/22-25 (STAR)



**star**

### Machine type

SB20RG

SD:26E,26S

SR20: 20J,20J2,20R3, 20R4

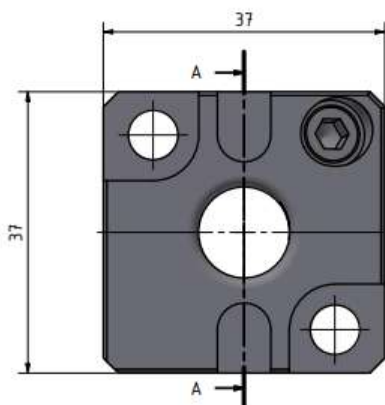
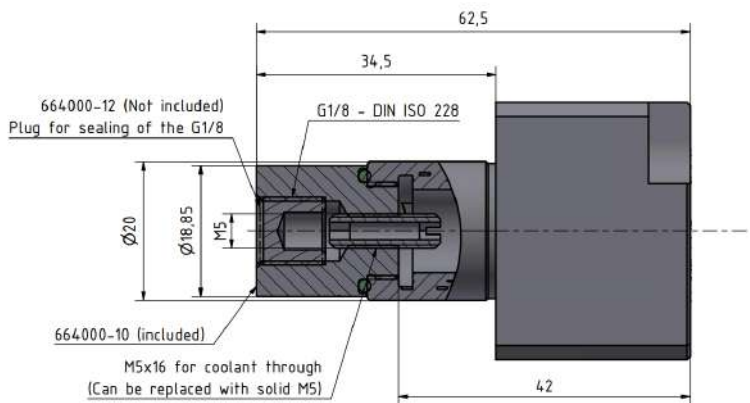
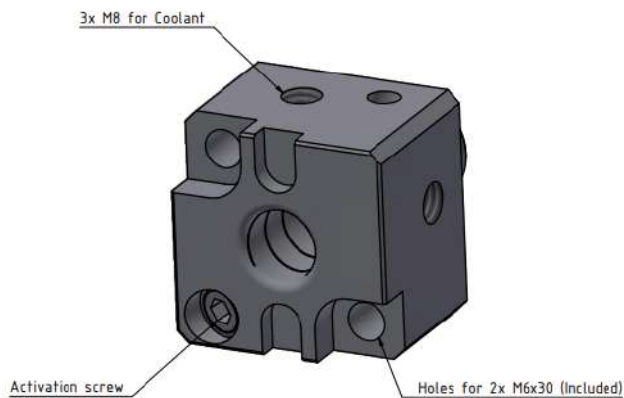
SR32J,J2,J3

SR38B

SW:12R2, 20

Uses R1912.xxxxx reduction sleeves, E7321.12000, 19153, S041

## 707105 - ETP HYDRO-FIX SBW-12/20-18.5 (TORNOS GT)



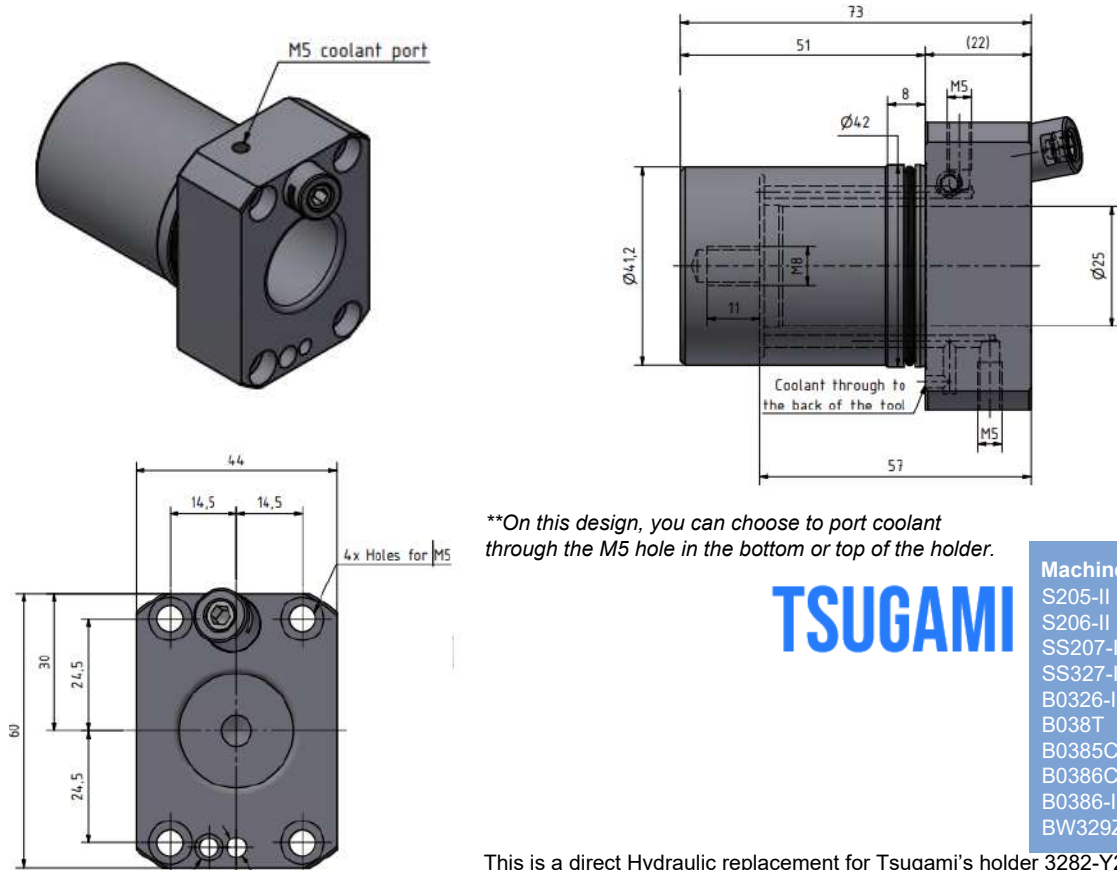
**TORNOS**

### Machine type

All GTs

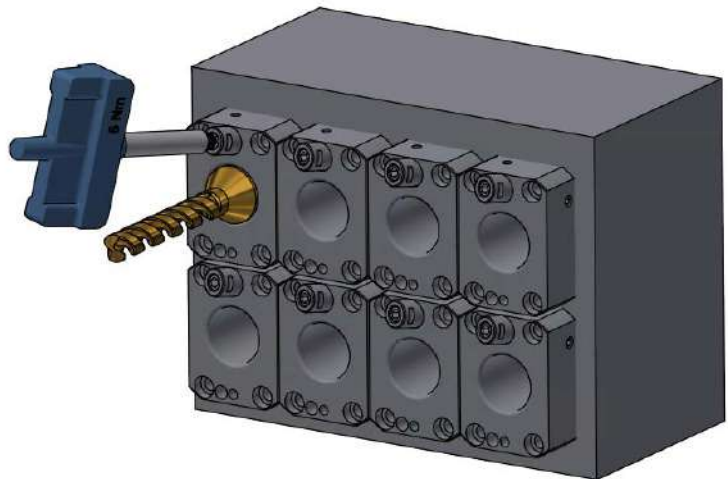
Uses R1912.xxxxx reduction sleeves, E7321.12000, 19152, S041

## 706919 - ETP HYDRO-FIX SBW-25/42-51 (TSUGAMI)



**\*\*On this design, you can choose to port coolant through the M5 hole in the bottom or top of the holder.**

This is a direct Hydraulic replacement for Tsugami's holder 3282-Y211.  
Uses R1925.xxxxx reduction sleeves, E7321.25000, 19153, S057



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