



SW41

Driveshafts >

## THE PROFESSIONAL SPECIALIST TOOL FOR JOINT ASSEMBLY



## OLD PROBLEMS

In the past, dismantling a yoke, a joint or a cross without damaging it was always an extremely difficult task and could only be achieved by taking plenty of time.

- ▶ It frequently takes considerable effort to dismantle the bushes of compact yoke types or wide-angle yokes.
- ▶ Most of the tools available on the market for dismantling bushes are not user-friendly. Likewise, the previous SW23 and SW27 tools often cause problems or cannot be used at all.
- ▶ The surroundings of a vice are not always the optimum workplace. Needles can fall out of the bearing bush, leading to a tiresome search for needles that are scattered far and wide in what is sometimes a dirty environment.
- ▶ The diameter-dependent tools for releasing the circlips and driving out the bearing bush are usually not directly at hand.
- ▶ Disassembled components can often not be re-used as a result of being damaged.

## INNOVATIVE SOLUTION

- ▶ Walterscheid delivers the innovative solution in the form of the newly developed SW41 tool, which permits simple dismantling and assembly of joints.



## RAPID, RELIABLE ASSEMBLY

The new SW41 tool from the Walterscheid Service Department was developed for the assembly and dismantling of joints.

- ▶ Only a minimum of force now has to be applied for dismantling and assembly. In the case of wide-angle joints, there is no longer any need for the second person otherwise often called in.
- ▶ Bearing bushes are now mainly handled in a clean environment. Individual components can no longer be lost, as is otherwise common when using a normal vice.
- ▶ All components can be conveniently deposited on the work surface.
- ▶ Joints can also be assembled on shaft halves without difficulty.
- ▶ Since they are not damaged, bearing bushes can be re-used after being dismantled.
- ▶ Considerable amounts of time can be saved when dismantling joints of all kinds – particularly when working with wide-angle joints.



### **Tool setting**

Simple adjustment of the tools to every size



### **Flexible percussion head**

Rapid, convenient tool changing



### **Assembly and dismantling**

Minimum force required for dismantling and assembling the joint

OUR TOOL SAVES YOU NOT ONLY  
TIME, BUT ALSO MONEY!

## Profitability analysis of the SW41 tool

Series	Replacement Cross / Yoke		No. of workers per assembly	Assembly costs		Savings per operation	Quantity per year	Savings per year
	without SW41	with SW41		without SW41	with SW41			
	[min]	[min]		[min]	[min]			
W2100 – W2300 *	20	10	1	13 €	7 €	6 €	12	72,00 €
W2400 – W2700 *	25	15	1,5	25 €	10 €	15 €	15	225,00 €
P400 – P700 *	25	15	1,5	25 €	10 €	15 €	15	225,00 €
WW2280 – WW2580 *	40	20	2	53 €	13 €	40 €	15	600,00 €
PW480 – PW675 *	40	20	2	53 €	13 €	40 €	15	600,00 €
<b>Total, all repairs</b>							<b>72</b>	<b>1.722,00 €</b>

\* Note: This analysis is based on average values, assuming an internal hourly rate of € 40.00.  
The tool's payback period can vary, depending on the utilisation of the tool.

### Additional benefits

- ▶ Less damage to individual components during assembly
- ▶ Less stress in difficult working conditions
- ▶ Less consequential damage
- ▶ Considerably better assembly quality
- ▶ Significant time savings, reducing the pressure of deadlines
- ▶ Tools can pay back within 1½ years

MORE INFORMATION DIRECTLY FROM:



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