



Renishaw CMM Products Division

PRODUCT BULLETIN – PBC1374-2

Product:	REVO	Status:	Open
Title:	REVO/RSP 2 stylus carrying supported with UCCsuite 4.3	Date:	8 th March 2010

Originator:		Distribution:	
L Quick		Internal	✓
Reviewer:		Subsidiaries	✓
		OEM's	✓
		Retrofitters	✓
		Distributors	✓
B Gow			

Summary:

Updates are in blue text.

As part of the UCCsuite 4.3 software release work has been undertaken to improve the stylus tuning for REVO styli used on RSP2. The styli listed in the table below have been extensively metrology tested to ensure that we have achieved optimum performance levels for each stylus.

When considering applications, and selecting styli, every effort should be made to first use a stylus from the list below. This is recommended as we are confident that the systems metrology will not be adversely affected by using one of these styli.

In future releases (UCCsuite 4.3.1 onwards) the styli options will be controlled through UCCserver as part of the tool building process.

We have endeavoured to ensure that stylus configurations that are being used at current installations are included.

P.T.O for details of styli

Styli available in 4.3

Part number	Description	RSH250	RSH350	RSH500
A-5000-7805	0.5x10 Tungsten	✓	x	x
A-5000-1345	0.5x20 Tungsten	✓	x	x
A-5000-7806	1x10 SS	✓	✓	x
A-5003-0033	1x20 Tungsten	✓	x	x
A-5000-8663	1x27 Tungsten	✓	x	x
A-5003-0035	1.5x30 Tungsten	✓	x	x
A-5000-7807	2x10 SS	✓	✓	x
A-5000-3603	2x20 SS	x	✓	x
A-5003-0036	2x30 Tungsten	✓	x	x
A-5003-0037	2x40 Tungsten	✓	x	x
A-5000-3604	3x10 SS	✓	x	x
A-5000-4160	3x20 SS	✓	x	x
A-5003-7852	3x30 Carbon	✓	x	x
A-5003-0064	3x50 Ceramic	✓	x	✓
A-5000-4154	4x10 SS	✓	✓	x
A-5003-0065	4x50 Ceramic	✓	x	x
A-5000-4155	5x10 SS	✓	✓	x
A-5004-1765	5.5x50 SS	✓	x	x
A-5000-4156	6x10 SS	✓	✓	✓
A-5003-2287	6x50 Carbon	x	✓	✓
A-5000-4158	8x11 SS	x	✓	x

We have now created three styli kits that incorporate all of the suitable styli for each type of stylus holder. These kits will be updated as more styli are added.

A-3060-0350 RSH250 styli kit
A-3060-0351 RSH350 styli kit
A-3060-0352 RSH500 styli kit

The full range of REVO compatible styli is also documented in the compatibility tables that are stored within the CMM knowledgebase in the CMM support area:

<http://www.renishaw.com/cmmsupport/faq>

These are searchable web pages and so using phrases such as REVO styli will find the relevant details