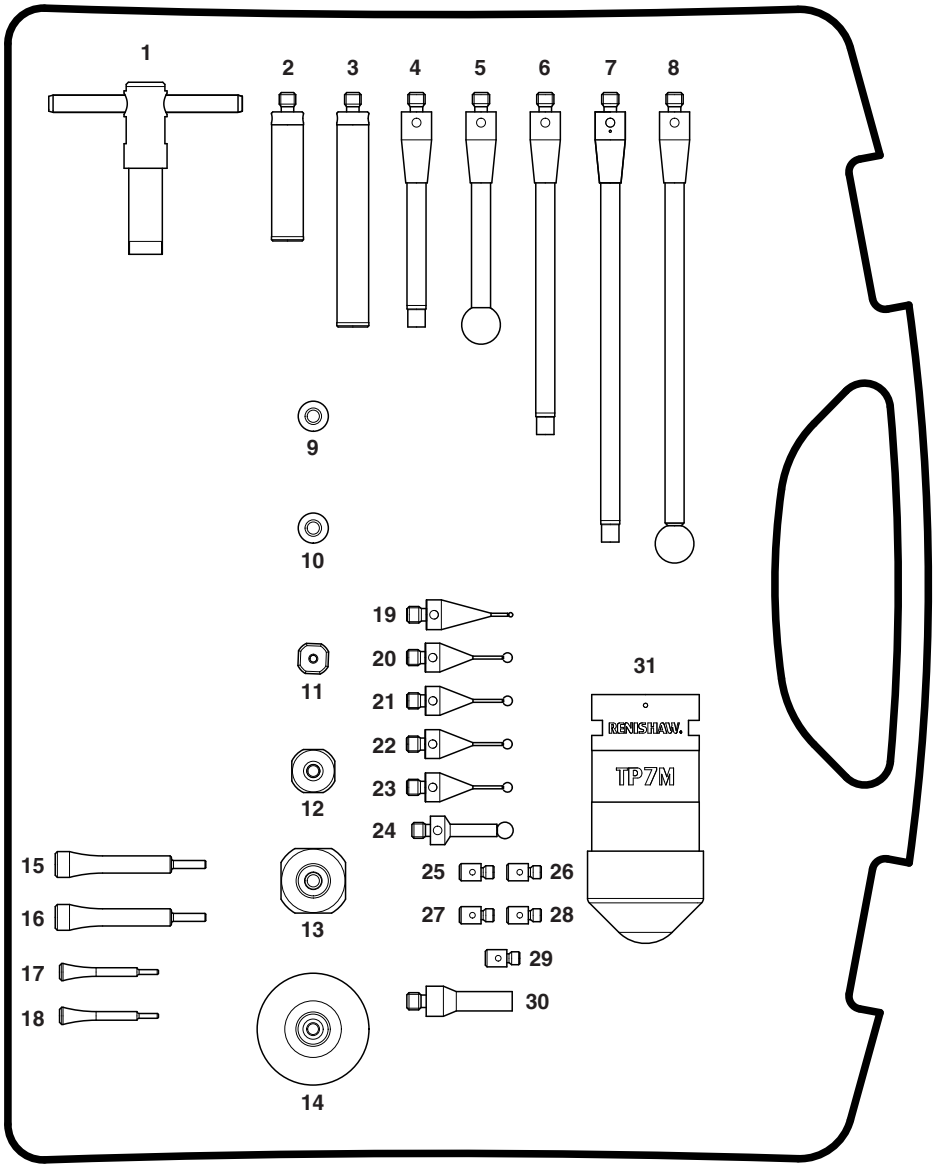
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TP7M probe and stylus kit




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TP7M

Position	Description
1	S10 autojoint key
2	M4 EXT L30 D7.4CE
3	M4 EXT L50 D7.4CE
4	M4-M3 EXT L50CE
5	M4 STY D8R L50 EWL 50 D4.5CE
6	M4-M3 EXT L75CE
7	M4-M3 EXT L100CE
8	M4 STY D8R L100 EWL 100 D4.5CE
9	M4-M3 EXT L9SS
10	M4-M3 EXT L9SS
11	M2 ACC CENTER 5-WAY
12	M3 ACC CENTER 5-WAY
13	M4 ACC CENTER 5-WAY
14	M3 HEM D30CE
15	M4 STYLUS TOOL
16	M4 STYLUS TOOL
17	M2-M3 STYLUS TOOL
18	M2-M3 STYLUS TOOL
19	M4 STY D1R L19.5 EWL4.5 D0.7SS
20	M4 STY D2R L19 EWL9.2 D1.4SS
21	M4 STY D2R L19 EWL9.2 D1.4SS
22	M4 STY D2R L19 EWL9.2 D1.4SS
23	M4 STY D2R L19 EWL9.2 D1.4SS
24	M4 STY D4R L18 EWL13.7 D3SS
25	M3-M2 EXT L5SS
26	M3-M2 EXT L5SS
27	M3-M2 EXT L5SS
28	M3-M2 EXT L5SS
29	M3-M2 EXT L5SS
30	M4-M3 EXT L20SS
31	TP7M probe

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Stylus selection

The TP7M is high accuracy probe specifically designed to maintain a high level of accuracy and reliability across a wide spectrum of applications. For best performance, the guidelines given should be followed:

Do not:

- use more than 50 mm of M3 or M2 styli, or accessories
- use M2 styli within 30 mm of the probe mounting face or probe axis
- use the M4 / M2 (SA5) adaptor, use the M4 / M3 and the M3 / M2 adaptors instead
- do not use stylus knuckle joints

Do:

- use the longest possible M4 stylus extensions or M4 / M3 adaptor extensions to achieve a required stylus length
- follow the guidelines in the TP7M user's guide (Renishaw part number H-1000-5010) for stylus selection
- use M3 and M4 styli wherever possible to maximise the stiffness of the stylus configuration, however, M2 styli can be used if necessary for workpiece access
- tighten up styli adequately using the stylus tools provided
- ensure stylus ball is kept clean at all times by using distilled water or a proprietary cleaning fluid

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Issued: 11.2023

Stylus selection guide
H-1000-5012-02-A

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TP7M stylus kit



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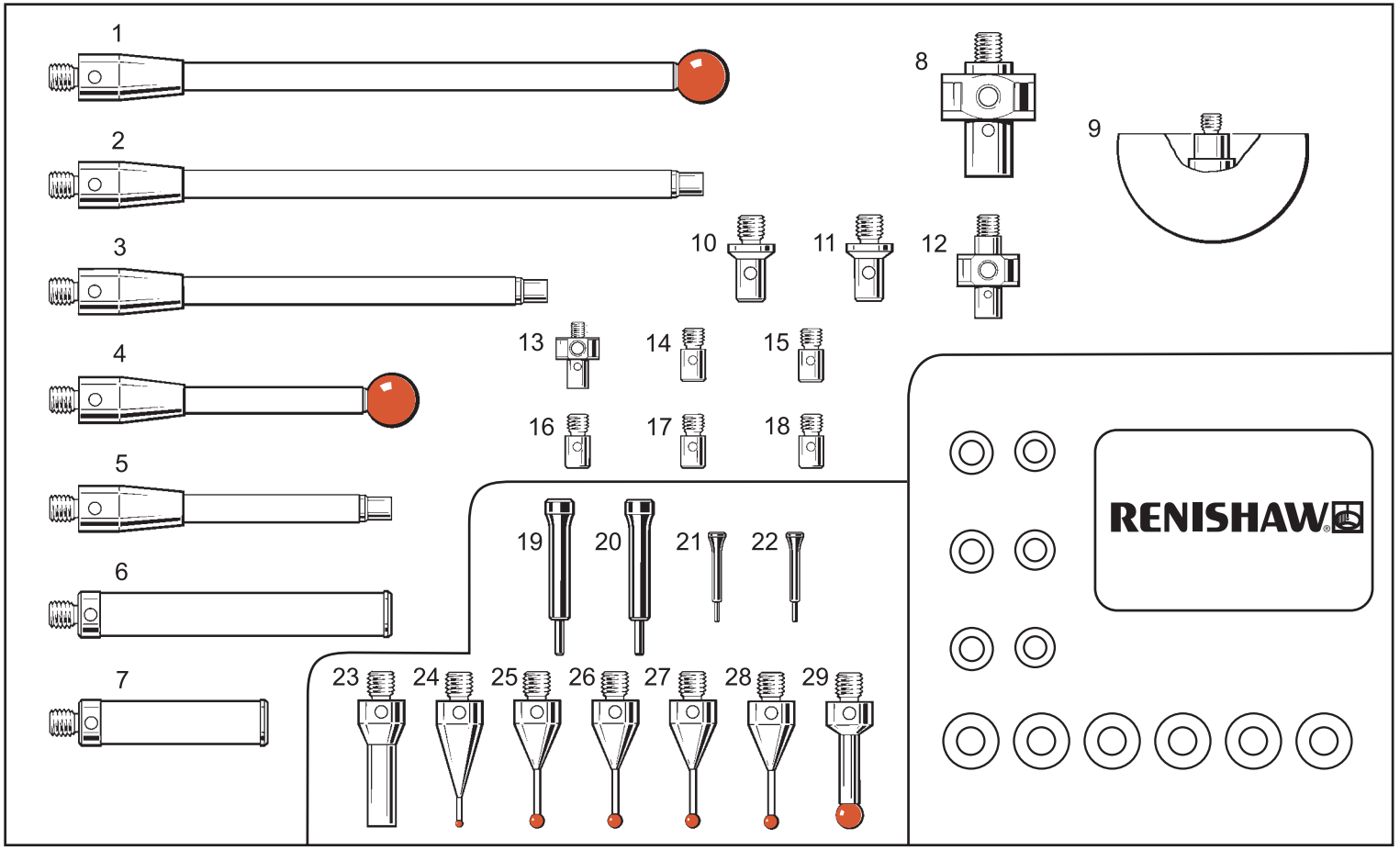
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Renishaw part no: H-1000-5012-02-A

Issued: 05 2005

TP7M stylus kit

Stylus selection guide



Position	Description
1	M4 STY D8R L100 EWL 100 D4.5CE
2	M4-M3 EXT L100CE
3	M4-M3 EXT L75CE
4	M4 STY D8R L50 EWL 50 D4.5CE
5	M4-M3 EXT L50CE
6	M4 EXT L50 D7.4CE
7	M4 EXT L30 D7.4CE
8	M4 ACC CENTER 5-WAY
9	M3 HEM D30CE
10	M4-M3 EXT L9SS
11	M4-M3 EXT L9SS
12	M3 ACC CENTER 5-WAY
13	M2 ACC CENTER 5-WAY
14	M3-M2 EXT L5SS
15	M3-M2 EXT L5SS
16	M3-M2 EXT L5SS
17	M3-M2 EXT L5SS
18	M3-M2 EXT L5SS
19	M4 STYLUS TOOL
20	M4 STYLUS TOOL
21	M2-M3 STYLUS TOOL
22	M2-M3 STYLUS TOOL
23	M4-M3 EXT L20SS
24	M4 STY D1R L19.5 EWL4 D0.7SS
25	M4 STY D2R L19 EWL8 D1.4SS
26	M4 STY D2R L19 EWL8 D1.4SS
27	M4 STY D2R L19 EWL8 D1.4SS
28	M4 STY D2R L19 EWL8 D1.4SS
29	M4 STY D4R L18 EWL13 D3SS

Stylus selection

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Do not:

- use more than 50 mm of M3 or M2 styli, or accessories.
- use M2 styli within 30 mm of the probe mounting face or probe axis.
- use the M4 / M2 (SA5) adaptor, use the M4 / M3 and the M3 / M2 adaptors instead.
- do not use stylus knuckle joints.

Do:

- use the longest possible M4 stylus extensions or M4 / M3 adaptor extensions to achieve a required stylus length.
- follow the guidelines in section 5 of the TP7M user's guide (Renishaw part number H-1000-5010) for stylus selection
- use M3 and M4 styli wherever possible to maximise the stiffness of the stylus configuration, however, M2 styli can be used if necessary for workpiece access.
- tighten up styli adequately using the stylus tools provided.
- ensure stylus ball is kept clean at all times by using distilled water or a proprietary cleaning fluid.

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