
**BS 5412 Specification for the performance of
draw-off taps with metal bodies for water services**

**BS 5413 Specification for the performance of
draw-off taps with plastics bodies for water services**

Part 1. Dimensional and design characteristics

BS 5412 Spécification pour la performance des robinets d'alimentation à corps
métallique pour les services d'eau

BS 5413 Spécification pour la performance des robinets d'alimentation à corps
en matières plastiques pour les services d'eau

Partie 1. Caractéristiques dimensionnelles et de calcul

BS 5412 Spezifikation für die Leistung von Speisehähnen mit metallischem
Körper für Wasserdienste

BS 5413 Spezifikation für die Leistung von Speisehähnen mit Kunststoffkörper
für Wasserdienste

Teil 1. Abmessungs- und Berechnungseigenschaften

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Amendment Slip No.1, published 28 February 1978
to BS 5412 : Part 1 : 1976
Specification for the performance of draw-off taps
with metal bodies for water services
BS 5413 : Part 1 : 1976
Specification for the performance of draw-off taps
with plastics bodies for water services
Part 1. Dimensional and design characteristics

Revised text

AMD 2438
February 1978

Clause 12. Head installation

Delete the existing text and substitute the following:

12.1 Screwed heads. Screwed heads shall be provided with hexagonal shoulders, or other means of assembly, and shall be so designed that a torque of 15 N m can be readily applied by the use of simple tools, without damage to the head.

Additionally, the head when assembled and tightened with a torque of 15 N m shall be capable of withstanding a reverse torque of 10 N m applied to the operating member, without loosening of the head-to-body joint.

12.2 Other designs of head. Heads of other designs shall be not less suitable than those specified in 12.1.

12.3 Spindle seal. Where an adjustable spindle seal is provided and there is no other form of spindle seal, adjustment of the seal shall be independent of any easy-clean cover that may be fitted.'



Amendment Slip No.2
published and effective from 30 April 1979
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Specification for the performance of draw-off taps
with metal bodies for water services

BS 5413 : Part 1 : 1976
Specification for the performance of draw-off taps
with plastics bodies for water services

Part 1. Dimensional and design characteristics

Revised text

AMD 2969
April 1979

Foreword

In paragraph 5, line 11, after the word 'systems' insert the following:

'It will normally be necessary to install bath taps and mixers
of $\frac{3}{4}$ nominal size in order to obtain an adequate flow of
water.'

AMD 2969
April 1979

Table 6. Construction details

Against dimension 42, in column 2 delete $3.6 \begin{smallmatrix} +0.25 \\ -0 \end{smallmatrix}$ and substitute '3.6 min.';
delete $4.7 \begin{smallmatrix} +0.25 \\ -0 \end{smallmatrix}$ and substitute '4.7 min.'



Amendment Slip No. 3
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Specification for the performance of draw-off taps
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BS 5413 : Part 1 : 1976
Specification for the performance of draw-off taps
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Part 1. Dimensional and design considerations

Revised text

AMD 3154
February 1980

Clause 11. Seating

In the line 1, delete '0.5 mm' and substitute '0.2 mm'.

AMD 3154
February 1980

Clause 16. Operating members

Delete the existing text and substitute the following:

'With the temperature of water upstream of the seat 40 °C above ambient temperature and after water has been flowing for 5 min at the flow rate given in table 1 of Part 3 of this standard, the surface temperature of the envelope shall not have risen by more than 25 °C above ambient temperature.

NOTE. The shape of the operating member should be such that it provides a good grip for closing the tap, even if the operator has a wet or soapy hand.'

AMD 3154
February 1980

Clause 18. Special purpose outlets

In line 2, after the words 'similar purpose' insert 'or is intended for use in conjunction with a bidet'.

AMD 3154
February 1980

Table 1. Dimensions of pillar taps

In the asterisked footnote, in lines 1 and 2 delete 'and 18 mm min. respectively'.

In column 2 of dimension 6, delete '45.0 min.' and substitute '44.0 min.'.

AMD 3154
February 1980

Table 2. Dimensions of bib taps

Insert an asterisk to dimension 4 and to the side of the table insert the following footnote:

'*This dimension is not applicable to hose union bib taps.'

AMD 3154
February 1980

Figure 4. Single hole combination tap assemblies

In the details of threads for aerators, modify the arrows for dimension 17 so that they correspond with those shown for dimension 17 in figure 5.

AMD 3154
February 1980

Table 6. Construction details

In column 2 of dimension 50, delete 'G½' and substitute '½ in pipe'. In column 3 of dimension 50, delete 'G¾' and substitute '¾ in pipe'. In column 4 of dimension 50, delete 'As BS 2779' and substitute the following:

'Whitworth form

for ½ in pipe

minor dia. = 18.63 mm min.

pitch dia. = 19.79 mm min.

major dia. = 29.95 mm min.

for ¾ in pipe

minor dia. = 24.11 mm min.

pitch dia. = 25.27 mm min.

major dia. = 26.44 mm min.'.