

PISO



Datasheet

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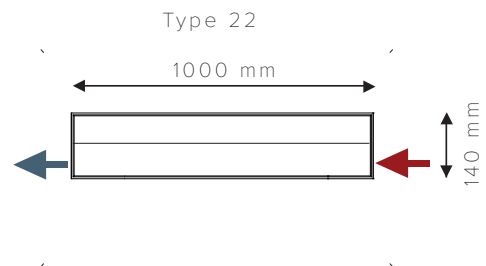
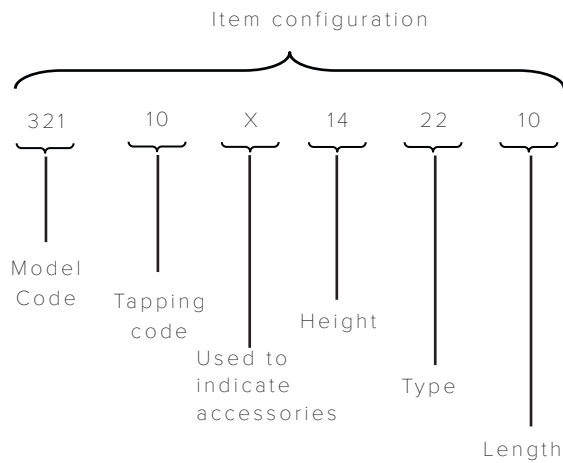
Accessories 11

Availability Matrix 12

SPECIFICATION

HOW TO SPECIFY AN ITEM

Item number example 32110X142210



Note

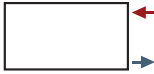

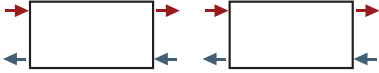
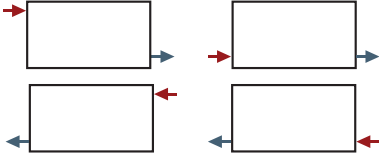


Thermostat sensor head is not included in the product - should be ordered separately.

DESCRIPTION

Piso is a very robust and compact low convector. Thanks to the low construction height of max. 280 mm, Piso works well in buildings with limited space but with great heat output requirements, such as window facades with low parapet heights. Piso is offered with several different connection solutions and can also be supplied with built-in valve. The wide range of brackets and accessories makes Piso very useable in any setting.

Material	Panels: Profiled steel tubes 70x11x1,8 mm Convectors: 0,4 mm cold-rolled steel plate
Test pressure	8 bar
Max. operating pressure	6 bar.
Max. operating temperature	110°C
Warranty	5 years
Surface treatment	Pre-treatment by degreasing and steel phosphating in accordance with DIN EN 442 and DIN EN 12476
Type	21, 22, 32, 43 and 54
Height	70, 140, 210 and 280 mm
Length	Type 21 and 22 400 - 3000 mm, in increments of 100 mm. 3200 - 4000 mm, in increments of 200 mm. Type 32, 43 and 54 400 - 3000 mm, in increments of 100 mm. 3200 - 6000 mm, in increments of 200 mm.
Depth	Type 21: 67 mm Type 22: 92 mm Type 32: 123 mm Type 43: 179 mm Type 54: 235 mm
Connections	All tappings 1/2" standard (adapters available)
Installation	Air vent and blind plug are included.
Mounting straps	No mounting straps
Colour	Powder coated in white RAL 9016, gloss 70 Option: Painted in other colours. Please see the Hudevad Radiator Design Colour Brochure at www.hudevad.com
Options	Feet and brackets

TAPPING OVERVIEW

Tapping code	Tapping type	Tapping possibilities
07	CD, Right	
08	AB, Left	
09	Serial Connection	
10	ABCD (4 tap)	
11	FF built-in valve, Right	
12	EE built-in valve, Left	

Note

Tapping code 7 and 8 - same side connection.

An internal divider plate is fitted inside the radiator to effectively control the flow of water. A small metal plate welded on the underside of the radiator indicates where the plate is fitted.

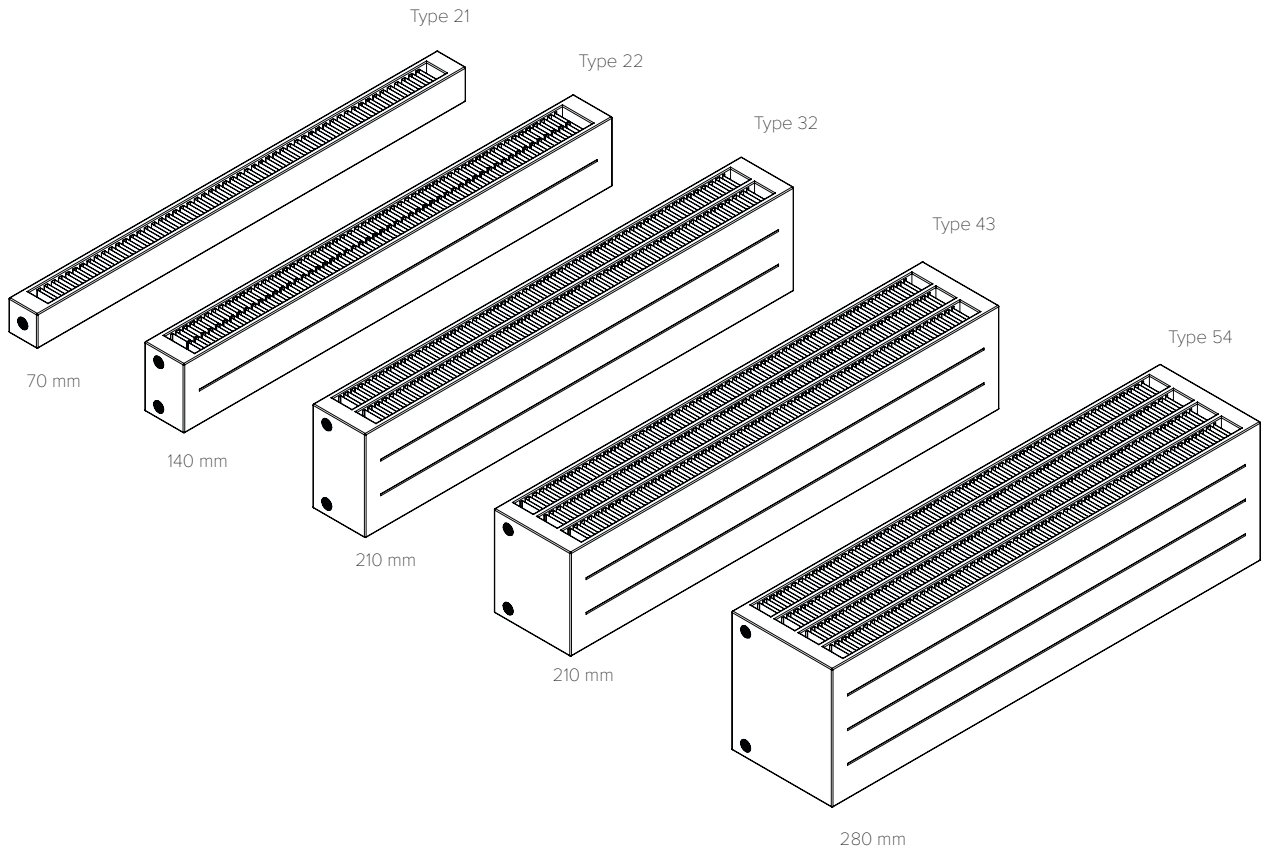
Tapping code 9 - serial connection

An internal divider plate is fitted inside the radiator on both sides of the radiator. Small metal plates on the underside of the radiator indicates where the plates are fitted.

Please note: At the end of a series connection you need to fit either a tapping code 7 or 8 radiator to turn the flow of the water.

ILLUSTRATION

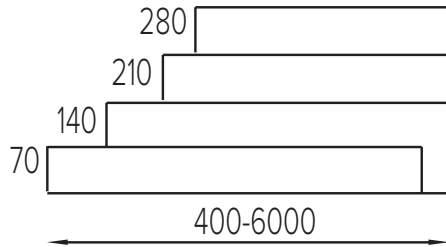
Drawing 5.1



DIMENSIONS

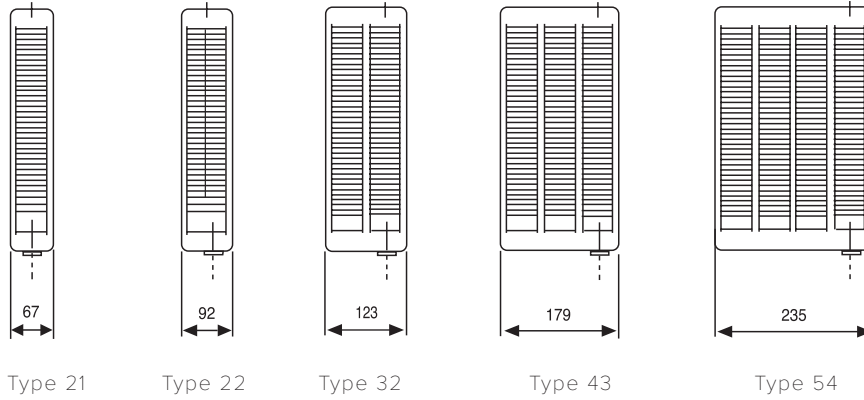
HEIGHT AND LENGTH

Drawing 6.1



DEPTH

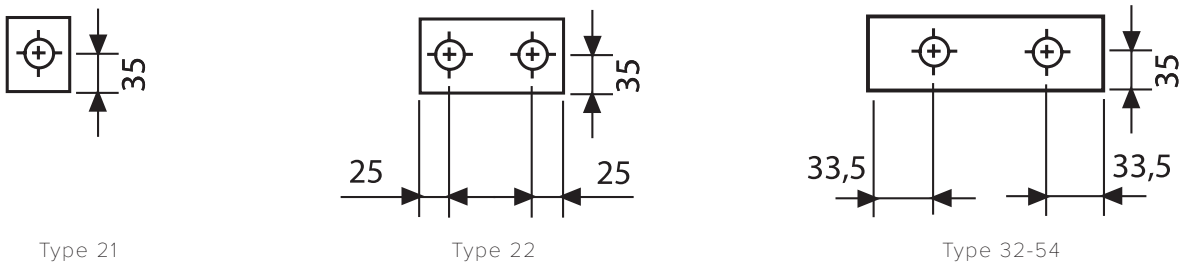
Drawing 6.2



BUILT-IN DIMENSION

Height 70 mm - all types

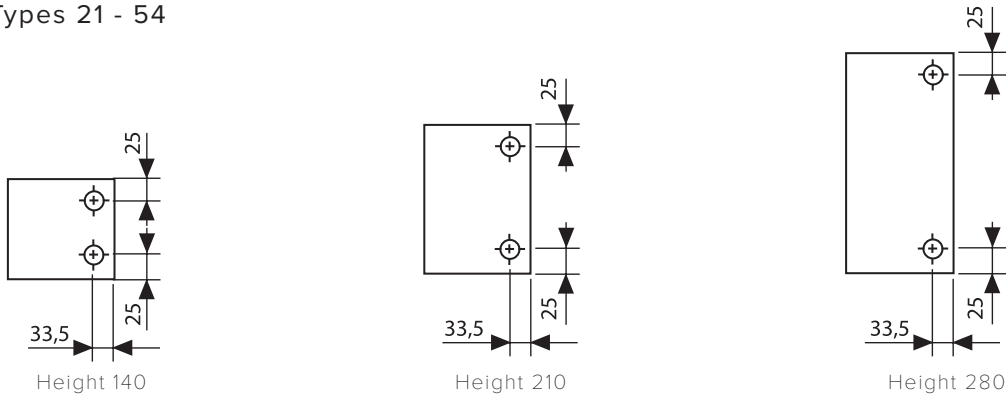
Drawing 6.3



BUILT-IN DIMENSIONS CONT.

Drawing 7.1

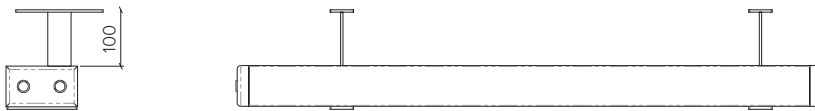
Types 21 - 54



BENCH MOUNTED

Church bench - Height 70 and 140 mm

Drawing 7.2

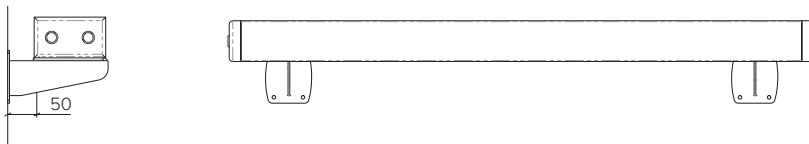


Length in mm	No. of brackets
400 - 2000	2
2100 - 3400	3
3600 - 5000	4
5200 - 6000	5

WALL MOUNTED

Wall bracket - most types * **

Drawing 7.3



Length in mm	No. of brackets
400 - 2000	2
2100 - 3400	3
3600 - 5000	4
5200 - 6000	5

* For Piso Type 43 H280 mm and Piso T54 H210 mm the following no. of brackets apply

Length in mm	No. of brackets
400 - 1500	2
1600 - 3000	3
3200 - 4000	4
4200 - 5000	5
5200 - 6000	6

** For Piso Type 54 H280 mm the following no. of brackets apply

Length in mm	No. of brackets
400 - 1000	2
1100 - 2000	3
2100 - 3000	4
3200 - 4000	5
4200 - 5000	6
5200 - 6000	7

FLOOR MOUNTED

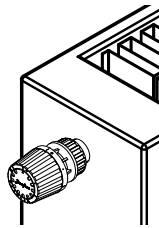
Feet - all types

Drawing 8.1



Length in mm	No. of feet
400 - 2000	2
2100 - 3400	3
3600 - 5000	4
5200 - 6000	5

BUILT-IN VALVES



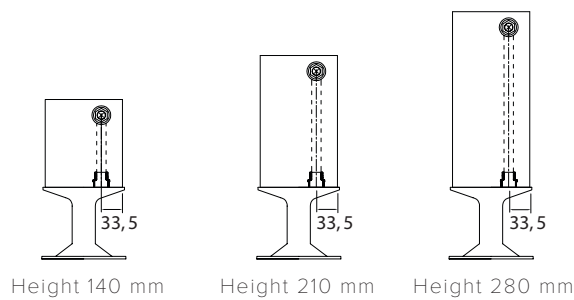
Drawing 8.2

Application Can be used with heights 140, 210 and 280 mm. For use where a thermostatic valve is to be integrated within the radiator to offer discreet pipework and ease of installation. The thermostatic sensor of the valve is passed through a hole in the side of the radiator.

Built-in valve Hudevad radiators with built-in valve is supplied with Danfoss RA-N valve.

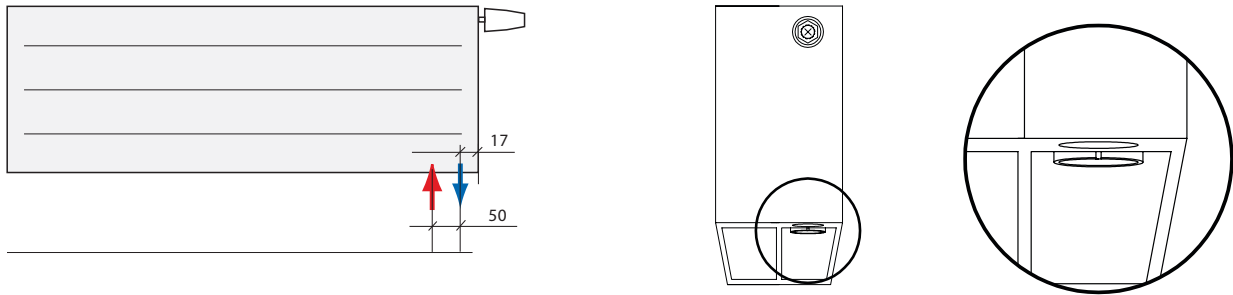
Built-in valve dimensions

Drawing 8.3



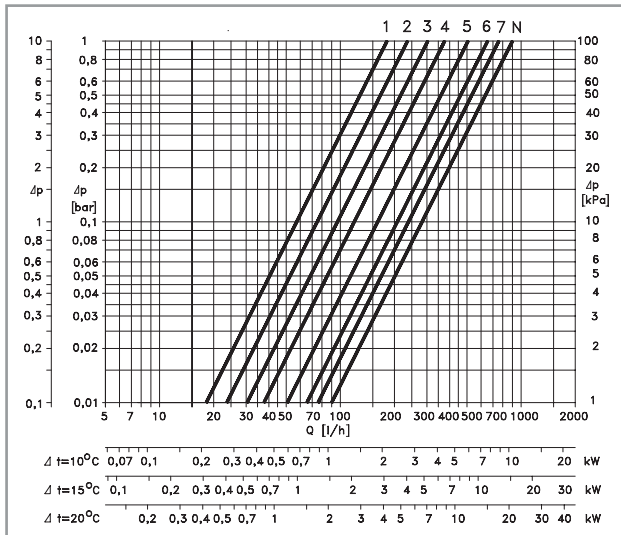
Connection The connections have a center distance (c/c) of 50mm and are always located on the underside of the radiator with flow on the inside.

Drawing 9.1



Tapping code 11 and 12
Built-in valve

Type	Code no.
RA-N	013G1382



Drawing 9.2

OTHER OPTIONS

OTHER CONNECTIONS

Sometimes a build or location requires something out of the ordinary, so if you need a connection not mentioned in our tapping overview, then please contact our sales office at contact@hudevad.com and we will do our utmost to assist you.

OUTPUT

PISO

PISO 70 MM		Output			Water content	Weight
Type	Height, mm	W/metre 75°/65°/20°	W/metre 70°/40°/20°	W/metre 60°/30°/20°	litres/ metre	kg/ metre
21	70	305	186	114	1.4	6
22	70	401	243	148	1.5	7
32	70	460	279	170	2.0	10
43	70	632	378	228	2.8	14
54	70	804	479	288	3.5	16

PISO 140 MM		Output			Water content	Weight
Type	Height, mm	W/metre 75°/65°/20°	W/metre 70°/40°/20°	W/metre 60°/30°/20°	litres/ metre	kg/ metre
21	140	438	263	159	2.6	12
22	140	567	340	206	2.7	13
32	140	692	411	246	4.0	19
43	140	964	570	339	5.5	26
54	140	1219	715	423	7.0	33

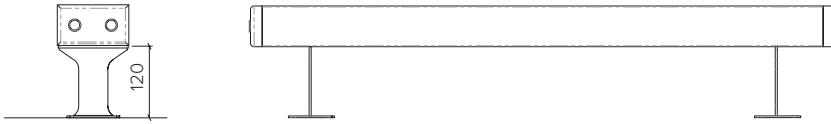
PISO 210 MM		Output			Water content	Weight
Type	Height, mm	W/metre 75°/65°/20°	W/metre 70°/40°/20°	W/metre 60°/30°/20°	litres/ metre	kg/ metre
21	210	568	337	202	3.8	18
22	210	722	428	256	4.1	20
32	210	862	504	297	6.0	29
43	210	1210	705	414	8.2	39
54	210	1634	951	558	10.5	50

PISO 280 MM		Output			Water content	Weight
Type	Height, mm	W/metre 75°/65°/20°	W/metre 70°/40°/20°	W/metre 60°/30°/20°	litres/ metre	kg/ metre
21	280	699	411	243	5.1	24
22	280	877	515	304	5.5	26
32	280	1105	641	375	8.0	38
43	280	1560	900	523	11.0	52
54	280	2049	1154	655	14.0	66

ACCESSORIES

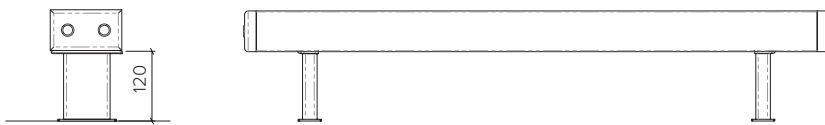
FEET

Drawing 11.1



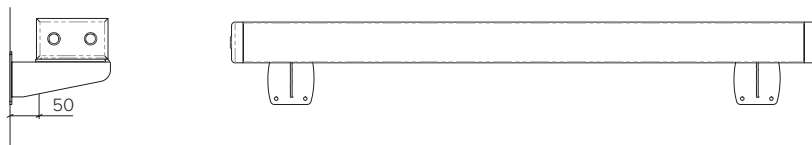
FEET - C SHAPE

Drawing 11.2



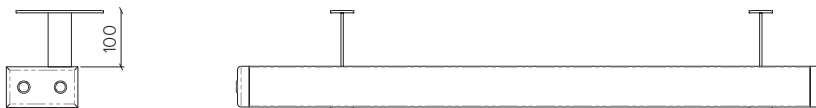
WALL BRACKET

Drawing 11.3



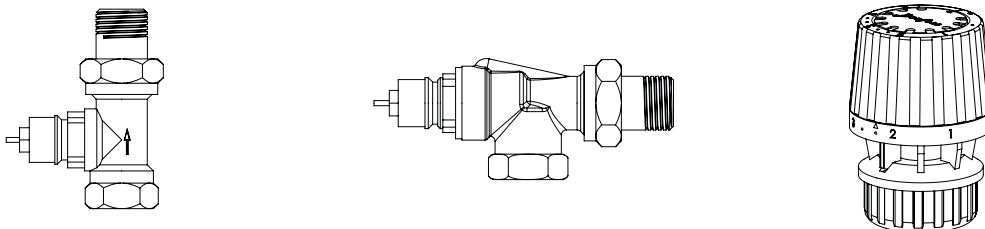
CHURCH BENCH BRACKET

Drawing 11.4



DANFOSS ACCESSORIES

Drawing 11.5



Hudevad recommends use of Danfoss accessories when fitting the radiator. For further accessories please refer to the Hudevad Pricelist.

AVAILABILITY MATRIX

TAPPING CODE 07, 08 AND 09

Lgth/ Type	Height 70 mm					Height 140 mm					Height 210 mm					Height 280 mm				
	21	22	32	43	54	21	22	32	43	54	21	22	32	43	54	21	22	32	43	54
400		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
500		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
600		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
700		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
800		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
900		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1000		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1200		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1400		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1500		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1600		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1800		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
2000		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
2200		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
2400		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
2500		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
2600		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
2800		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
3000		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
3200		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
3400		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
3600		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
3800		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
4000		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
4200			●	●	●			●	●	●			●	●	●			●	●	●
4400			●	●	●			●	●	●			●	●	●			●	●	●
4600			●	●	●			●	●	●			●	●	●			●	●	●
4800			●	●	●			●	●	●			●	●	●			●	●	●
5000			●	●	●			●	●	●			●	●	●			●	●	●
5200			●	●	●			●	●	●			●	●	●			●	●	●
5400			●	●	●			●	●	●			●	●	●			●	●	●
5600			●	●	●			●	●	●			●	●	●			●	●	●
5800			●	●	●			●	●	●			●	●	●			●	●	●
6000			●	●	●			●	●	●			●	●	●			●	●	●

AVAILABILITY MATRIX

TAPPING CODE 10

Lgth/ Type	Height 70 mm					Height 140 mm					Height 210 mm					Height 280 mm				
	21	22	32	43	54	21	22	32	43	54	21	22	32	43	54	21	22	32	43	54
400	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
500	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
600	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
700	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
800	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
900	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1000	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1200	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1400	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1500	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1600	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1800	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
2000	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
2200	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
2400	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
2500	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
2600	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
2800	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
3000	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
3200	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
3400	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
3600	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
3800	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
4000	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
4200			●	●	●			●	●	●			●	●	●			●	●	●
4400			●	●	●			●	●	●			●	●	●			●	●	●
4600			●	●	●			●	●	●			●	●	●			●	●	●
4800			●	●	●			●	●	●			●	●	●			●	●	●
5000			●	●	●			●	●	●			●	●	●			●	●	●
5200			●	●	●			●	●	●			●	●	●			●	●	●
5400			●	●	●			●	●	●			●	●	●			●	●	●
5600			●	●	●			●	●	●			●	●	●			●	●	●
5800			●	●	●			●	●	●			●	●	●			●	●	●
6000			●	●	●			●	●	●			●	●	●			●	●	●

AVAILABILITY MATRIX

TAPPING CODE 11 AND 12

Lgth/ Type	Height 70 mm					Height 140 mm					Height 210 mm					Height 280 mm				
	21	22	32	43	54	21	22	32	43	54	21	22	32	43	54	21	22	32	43	54
400						•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
500						•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
600						•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
700						•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
800						•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
900						•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
1000						•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
1200						•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
1400						•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
1500						•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
1600						•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
1800						•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
2000						•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
2200						•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
2400						•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
2500						•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
2600						•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
2800						•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
3000						•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
3200						•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
3400						•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
3600						•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
3800						•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
4000						•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
4200								•	•	•			•	•	•			•	•	•
4400								•	•	•			•	•	•			•	•	•
4600								•	•	•			•	•	•			•	•	•
4800								•	•	•			•	•	•			•	•	•
5000								•	•	•			•	•	•			•	•	•
5200								•	•	•			•	•	•			•	•	•
5400								•	•	•			•	•	•			•	•	•
5600								•	•	•			•	•	•			•	•	•
5800								•	•	•			•	•	•			•	•	•
6000								•	•	•			•	•	•			•	•	•