

GEONEX CASING SYSTEM CSW

CASING SYSTEM WINGS UP TO Ø 1220 CASING DIMENSIONS



When drilling in soft and loose ground, the soil and clay are caved in. This creates difficulties in withdrawing the DTH drilling equipment and lowers the drilling speed. To overcome this problem, Geonex CSW enables drilling and lowering the casing simultaneously, preventing the soil from collapsing into the hole. The system is designed to drill the hole diameters slightly larger than the casing diameter. CSW consists of a pilot bit, segments and locking system.

APPLICATIONS FOR GEONEX CASING SYSTEM CSW

✓ Soft and loose ground

The CSW casing system makes foundation, piling and anchoring on soft and loose ground more durable and easy.

✓ Special drilling

Special drilling applications include ground stabilization, grouting holes and water wells.

✓ Straight hole drilling

The CSW's segments expand and retract concentrically so a straighter hole can be drilled.

TECHNICAL INFORMATION

Geonex casing system CSW

	Pilot bit outer dia. mm (in)	Expanded mode outer dia. mm (in)	Applicable casing outer dia. mm (in)	Casing wall max.	Segments (pieces)
193,7mm casing CSW194/6,3t	178 (7,01)	212 (8,35)	193,7 (7,625)	6,3 (0,25)	2
219,1mm casing					
CSW219/6,3t	204 (8,03)	237 (9,33)	219,1 (8,625)	6,3 (0,25)	2
CSW219/10,0t	196 (7,72)	237 (9,33)	219,1 (8,625)	10,0 (0,39)	2
CSW219/12,7t	191 (7,52)	237 (9,33)	219,1 (8,625)	12,7 (0,50)	2



GEONEX OY

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FOR MORE INFORMATION VISIT

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CSW219/12,7t/XL	191 (7,52)	274 (10,79)	219,1 (8,625)	12,7 (0,50)	2
244,5mm casing					
CSW245/6,3t	229 (9,02)	266 (10,47)	244,5 (9,625)	6,3 (0,25)	2
CSW245/10,0t	222 (8,74)	266 (10,47)	244,5 (9,625)	10,0 (0,39)	2
CSW245/12,7t	216 (8,50)	266 (10,47)	244,5 (9,625)	12,7 (0,50)	2
273,0mm casing					
CSW273/8,0t	255 (10,04)	299 (11,77)	273,0 (10,75)	8,0 (0,31)	2
CSW273/10,0t	250 (9,84)	299 (11,77)	273,0 (10,75)	10,0 (0,39)	2
CSW273/12,7t	245 (9,65)	293 (11,77)	273,0 (10,75)	12,7 (0,50)	2
CSW273/12,7t/XL	245 (9,65)	328 (12,91)	273,0 (10,75)	12,7 (0,50)	2
CSW273/16,0t	238 (9,37)	293 (11,77)	273,0 (10,75)	16,0 (0,63)	2
323,9mm casing					
CSW324/10,0t	300 (11,91)	345 (13,58)	323,9 (12,75)	10,0 (0,39)	3
CSW324/12,7t	295 (11,61)	345 (13,58)	323,9 (12,75)	12,7 (0,50)	3
CSW324/12,7t/XL	295 (11,61)	378 (14,88)	323,9 (12,75)	12,7 (0,50)	3



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CSW324/16,0t	289 (11,38)	345 (13,58)	323,9 (12,75)	16,0 (0,63)	3
406,6mm casing					
CSW406/12,7t	378 (14,88)	432 (17,00)	406,4 (16,0)	12,7 (0,50)	3
CSW406/12,7t/XL	378 (14,88)	461 (18,18)	406,4 (16,0)	12,7 (0,50)	3
CSW406/16,0t	371 (14,61)	432 (17,00)	406,4 (16,0)	16,0 (0,63)	3
457,2mm casing					
CSW457/12,7t	434 (17,09)	482 (18,98)	457,2 (18,0)	10,0 (0,39)	3
CSW457/12,7t/XL	429 (16,89)	482 (18,98)	457,2 (18,0)	12,7 (0,50)	3
CSW457/16,0t	422 (16,61)	482 (18,98)	457,2 (18,0)	16,0 (0,63)	3
508,0mm casing					
CSW508/10,0t	485 (19,09)	535 (21,06)	508,0 (20,0)	10,0 (0,39)	3
CSW508/12,7t	479 (18,86)	535 (21,06)	508,0 (20,0)	12,7 (0,50)	3
CSW508/16,0t	473 (18,62)	535 (21,06)	508,0 (20,0)	16,0 (0,63)	3
588,8mm casing					
CSW559/10,0t	536 (21,10)	589 (23,19)	558,8 (22,0)	10,0 (0,39)	3



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CSW559/12,7t	530 (20,87)	589 (23,19)	558,8 (22,0)	12,7 (0,50)	3
CSW559/16,0t	523 (20,59)	589 (23,19)	558,8 (22,0)	16,0 (0,63)	3
609,6mm casing					
CSW610/12,7t	581 (22,87)	640 (25,20)	609,6 (24,0)	12,7 (0,50)	3
CSW610/16,0t	574 (22,60)	640 (25,20)	609,6 (24,0)	16,0 (0,63)	3
CSW610/16,0t/XL	574 (22,60)	664 (26,14)	609,6 (24,0)	16,0 (0,63)	3
660,4mm casing					
CSW660/16,0t	632 (24,88)	693 (27,28)	660,4 (26,0)	12,7 (0,50)	3
CSW660/16,0t/XL	625 (24,61)	693 (27,28)	660,4 (26,0)	16,0 (0,63)	3
711,2mm casing					
CSW711/16,0t	675 (26,57)	743 (29,25)	711,2 (28,0)	16,0 (0,63)	3
CSW711/16,0t/XL	675 (26,57)	766 (30,16)	711,2 (28,0)	16,0 (0,63)	3
762,0mm casing CSW762/16,0t	726 (28,58)	845 (33,27)	762,0 (30,0)	16,0 (0,63)	3
812,8mm casing					
CSW813/16,0t	776 (30,55)	845 (33,27)	812,8 (32,0)	16,0 (0,63)	4



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CSW813/16,0t/XL	776 (30,55)	867 (34,13)	812,8 (32,0)	16,0 (0,63)	4
914,4mm casing CSW914/16,0t	876 (34,49)	955 (37,60)	914,4 (36,0)	16,0 (0,63)	4
1016,0mm casing					
CSW1016/18,0t	972 (38,27)	1056 (41,57)	1016 (40,0)	18,0 (0,71)	4
CSW1016/18,0t/XL	972 (38,27)	1071 (42,17)	1016 (40,0)	18,0 (0,71)	4
1219,0mm casing					
CSW1016/18,0t	1170 (46,06)	1259 (49,57)	1219 (48,0)	20,0 (0,79)	4
CSW1016/18,0t/XL	1170 (46,06)	1274 (50,16)	1219 (48,0)	20,0 (0,79)	4



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