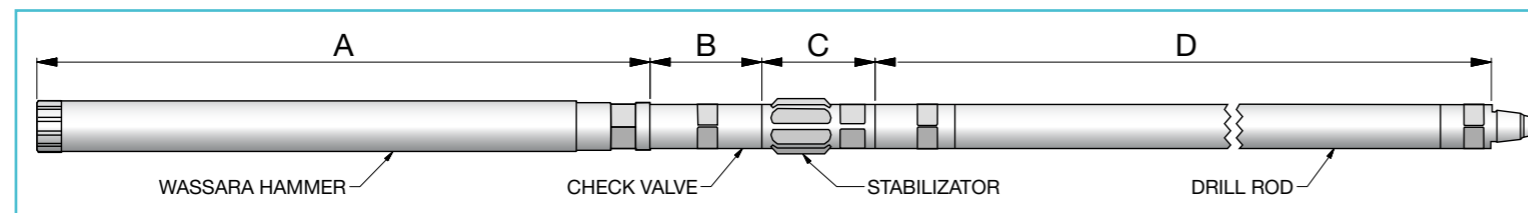


WASSARA PRODUCT SELECTION GUIDE – CASING ADVANCING

Updated June, 2021

Casing		Hammer	Wassara Hammer Model - diameter, thread	Check Valve Diameter, thread	Stabilizator Diameter*, thread	Drill Rod Diameter, thread, Part.No-(length)	Swivel Model, mounting, thread	High Pressure Hose Kit, 20m	Water Pump Model, performance
Outer diameter	Wall thickness								
101.6 mm (4")	5 mm	W70	W70 - Ø78 mm, WT70 Part No 1002810-78	Ø70 mm, WT70 Part No 1500043	Ø(X) mm, WT70	Ø63.5 mm, WT70, Part No 1500594-(length)	WS150, Top-mounted, M45x2 LH Part No 1500072	High Pressure Hose Kit Part No 5000172	WASP100D DIESEL 360 l/min @ 200 bar Part No 5000001 <i>or</i> WASP100E VSD ELECTRIC 360 l/min @ 200 bar Part No 5000010
114.3 mm (4 ½")	8–10 mm 5–6.5 mm						W80		
127 mm (5")	8–10 mm	W100	W100 - Ø111 mm, API 2 ¾" REG Part No 0013000-111	Ø89 mm, API 2 ¾" REG Part No 1000365	Ø(X) mm, API 2 ¾" REG	Ø89 mm, API 2 ¾" REG, Part No 1500596-(length)		WIS100, In-line, API 2 ¾" REG Part No 1002152	
139.7 mm (5 ½")	10–12.7 mm 5–8 mm					W120	W120 - Ø126 mm, API 3 ½" REG Part No 1001070-126	Ø114 mm, API 3 ½" REG Part No 1001320	Ø(X) mm, API 3 ½" REG
152.4 mm (6")	10–12.7 mm	W150	W150 - Ø160 mm, API 3 ½" REG Part No 1500060-160	Ø140 mm, API 3 ½" REG Part No 1001321	Ø(X) mm, API 3 ½" REG				
168.3 mm (6 ⅝")	10–12.7 mm 5.5–8 mm					W200	W200 - Ø210 mm, API 4 ½" IF Part No 1002456-210	Ø182 mm, API 4 ½" IF Part No 1500230	Ø(X) mm, API 4 ½" IF
177.8 mm (7")	10–12.7 mm	W120	W120 - Ø126 mm, API 3 ½" REG Part No 1001070-126	Ø114 mm, API 3 ½" REG Part No 1001320	Ø(X) mm, API 3 ½" REG				
193.7 mm (7 ⅝")	5.5–14 mm					W150	W150 - Ø160 mm, API 3 ½" REG Part No 1500060-160	Ø140 mm, API 3 ½" REG Part No 1001321	Ø(X) mm, API 3 ½" REG
219.1 mm (8 ⅝")	10–14 mm 5.5 mm	W200	W200 - Ø210 mm, API 4 ½" IF Part No 1002456-210	Ø182 mm, API 4 ½" IF Part No 1500230	Ø(X) mm, API 4 ½" IF				
244.5 mm (9 ⅝")	8–12.7 mm					W150	W150 - Ø160 mm, API 3 ½" REG Part No 1500060-160	Ø140 mm, API 3 ½" REG Part No 1001321	Ø(X) mm, API 3 ½" REG
254 mm (10")	12.7 mm	W200	W200 - Ø210 mm, API 4 ½" IF Part No 1002456-210	Ø182 mm, API 4 ½" IF Part No 1500230	Ø(X) mm, API 4 ½" IF				
273.1 mm (10 ¾")	8–20 mm					W200	W200 - Ø210 mm, API 4 ½" IF Part No 1002456-210	Ø182 mm, API 4 ½" IF Part No 1500230	Ø(X) mm, API 4 ½" IF
323.9 mm (12 ¾")	8–20 mm								

* Ø(X) = (casing inner diameter - 6 mm)



	Hammer (A)	Check valve (B)	Stabilizator (C)	Bottom hole assembly
W70	1,098 mm	207 mm	395 mm	1.7 m
W80	977 mm	224 mm	500 mm	1.7 m
W100	1,230 mm	224 mm	245 mm	1.7 m
W120	1,495 mm	355 mm	350 mm	2.2 m
W150	1,659 mm	355 mm	185 mm	2.2 m
W200	2,055 mm	426 mm	220 mm	2.7 m



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