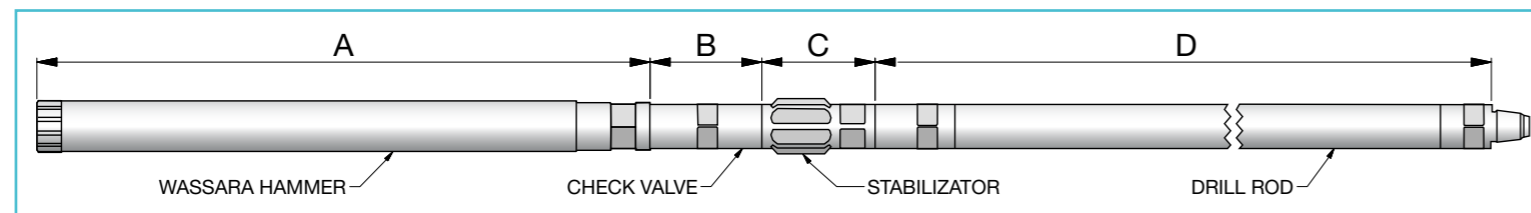


# WASSARA PRODUCT SELECTION GUIDE – CASING ADVANCING

Updated November, 2016

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	<b>W70</b>	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	<b>WASP100D</b> DIESEL 360 l/min @ 200 bar Part No 5000001 <i>or</i> <b>WASP100E VSD</b> ELECTRIC 360 l/min @ 200 bar Part No 5000010
							WIS70, In-line, WT70 Part No 1002791		
114.3 mm (4 ½")	8–10 mm	<b>W80</b>	W80 - Ø91 mm, API 2 ¾" REG Part No 1002065-91	Ø76 mm, API 2 ¾" REG Part No 1000407	Ø(X) mm, API 2 ¾" REG	Ø76 mm, API 2 ¾" REG, Part No 1500595-(length)	WS150, Top-mounted, M45x2 LH Part No 1500072	High Pressure Hose Kit Part No 5000172	
	5–6.5 mm						WIS100, In-line, API 2 ¾" REG Part No 1002152		
127 mm (5")	8–10 mm	<b>W100</b>	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)	WS150, Top-mounted, M45x2 LH Part No 1500072	High Pressure Hose Kit Part No 5000172	
							WIS100, In-line, API 2 ¾" REG Part No 1002152		
139.7 mm (5 ½")	10–12.7 mm	<b>W100</b>	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	Ø102 mm, API 2 ¾" REG, Part No 1500597-(length)	WS150, Top-mounted, M45x2 LH Part No 1500072	High Pressure Hose Kit Part No 5000172	
	5–8 mm						WIS100, In-line, API 2 ¾" REG Part No 1002152		
152.4 mm (6")	10–12.7 mm	<b>W120</b>	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	Ø114 mm, API 3 ½" REG, Part No 1500598-(length)	WS150, Top-mounted, M45x2 LH Part No 1500072	High Pressure Hose Kit Part No 5000173	<b>WASP200D</b> DIESEL 610 l/min @ 200 bar 800 l/min @ 160 bar Part No 5000002 <i>or</i> <b>WASP200E VSD</b> ELECTRIC 610 l/min @ 200 bar 800 l/min @ 160 bar Part No 5000011
							WIS100, In-line, API 3 ½" REG Part No 1002153		
168.3 mm (6 ⅝")	10–12.7 mm	<b>W120</b>	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	Ø140 mm, API 3 ½" REG, Part No 1500598-(length)	WS150, Top-mounted, M45x2 LH Part No 1500072	High Pressure Hose Kit Part No 5000173	
	5.5–8 mm						WIS100, In-line, API 3 ½" REG Part No 1002153		
177.8 mm (7")	10–12.7 mm	<b>W150</b>	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	Ø168 mm, API 4 ½" IF, Part No 1500592-(length)	WS150, Top-mounted, M45x2 LH Part No 1500072	High Pressure Hose Kit Part No 5000173	
							WIS100, In-line, API 3 ½" REG Part No 1002153		
193.7 mm (7 ⅝")	5.5–14 mm	<b>W150</b>	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	Ø194 mm, API 4 ½" IF, Part No 1500600-(length)	WS150, Top-mounted, M45x2 LH Part No 1500072	High Pressure Hose Kit Part No 5000174	
							WIS100, In-line, API 3 ½" REG Part No 1002153		
219.1 mm (8 ⅝")	10–14 mm	<b>W150</b>	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	Ø194 mm, API 4 ½" IF, Part No 1500600-(length)	WS150, Top-mounted, M45x2 LH Part No 1500072	High Pressure Hose Kit Part No 5000173	
	5.5 mm						WIS100, In-line, API 3 ½" REG Part No 1002153		
244.5 mm (9 ⅝")	8–12.7 mm	<b>W200</b>	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" REG	Ø194 mm, API 4 ½" IF, Part No 1500600-(length)	WS200, Top-mounted, M60x2 LH Part No 1500326	High Pressure Hose Kit Part No 5000174	
254 mm (10")	12.7 mm								
273.1 mm (10 ¾")	8–20 mm								
323.9 mm (12 ¾")	8–20 mm								
			W200 - Ø248 mm, API 4 ½" IF Part No 1002456-248	Ø182 mm, API 4 ½" IF Part No 1500230	Ø(X) mm, API 4 ½" REG	Ø273 mm, API 4 ½" IF, Part No 1500602-(length)		High Pressure Hose Kit Part No 5000175	

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



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



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