

# QUICKSQUEEZE

## BAFFLE DRILLING SYSTEM



### Technical Specifications

Baffle Hole Size: 0.760" - 0.810" (19.3 - 20.6 mm)  
 Baffle Hole Size: 1.01" - 1.06" (25.65 - 26.9 mm)

### Kit Includes:

Inserts / Air Screwdriver and Tool Bits / Users Manual  
 Screws / Insert Removal Tools / Wrenches  
 Spare O-Rings and Springs / Tool Box

### Kits

Kit Number	Machine Width	Max. Diameter	Number of Units
60 - 0.75 & 60 - 1.00 (S01991316)	60"/1524 mm	54"/1520 mm	40 & 40
96 - 0.75 & 96 - 1.00 (S01991317)	96"/2438 mm	84"/2130 mm	80 & 80
120 - 0.75 & 120 - 1.00 (S01991318)	120"/3048 mm	108"/2740 mm	120 & 120

### Options/Spares

Kit Number	Description
10SP.75 (S01991311)	3/4" Quicksqueeze inserts, pkg of 10 - [0.760"-0.810" (19.3 - 20.6 mm)]
10SP1.00 (S01991312)	1" Quicksqueeze inserts, pkg of 10 - [1.01" - 1.06" (25.65 - 26.9 mm)]
100SPK - 0.75 (S01991313)	100 spare O-rings and 100 spare Springs for 0.75 size
100SPK - 1.00 (S01991314)	100 spare O-rings and 100 spare Springs for 1.00 size
100SPK - 0.75 - 1.00 (S01991315)	50 spare O-rings and Springs each for 0.75 and 1.00 size

**Call us for more information: 1-800-295-0509**

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*Much more than a machine.*

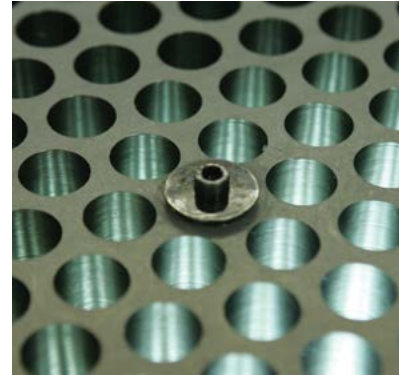


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# CASE STUDIES

## 304 Stainless Steel Plates Measuring 3.75" Thick

Machine:	Intimidator® G 96 (75 HP direct drive spindle, 1000 psi coolant@15 gpm)
Measured Stack Height:	3.75" (10 plates 3/8" thick)
Coolant Concentration:	14%
Spot Drill:	Kennametal 3 x Diameter solid carbide insert drill #KSEM0766R3SS100 with KC7235 grade insert Note: Spot drilled 0.170" deep
Drilling:	Kennametal 5 x Diameter solid carbide insert drill #KSEM0766R5SS100 with KC7235 grade insert 0.776" Diameter
Speed, Feed & Cycle Time:	RPM = 1200 Feed = 6.0"/min (43.0 second Cycle) The insert drilled 1518 linear inches. (405 holes x 3.75" thick = 1518 linear inches / insert)



## 516-70 Carbon Steel Plates Measuring 3.80" Thick

Machine:	QUICKDRILL® G 96 (35 HP spindle, 1000 psi coolant@8 gpm)
Measured Stack Height:	3.80" (10 plates 3/8" thick)
Coolant Concentration:	11%
Spot Drill:	Kennametal 3 x Diameter solid carbide insert drill #KSEM0766R3SS100 with KC7235 grade insert Note: Spot drilled 0.170" deep
Drilling:	Kennametal 5 x Diameter solid carbide insert drill #KSEM0766R5SS100 with KC7235 grade insert 0.776" Diameter
Speed, Feed & Cycle Time:	RPM = 1600 Feed = 17.0"/min (16.3 second Cycle) The insert drilled 1824 linear inches. (480 holes x 3.8" thick = 1824 linear inches / insert)



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