



Synthes® Blades
for Large-Bone Power Systems

C-2

Synthes® Twist Drills + Taps

C-4

Dyonics® Blades
for Large-Bone Power Systems

C-6

SYNTHES® and **DYONICS®**

MICROAIRE®
For Surgery. For Life.™

Blades, Twist Drills, Taps and Burs

BLADES for Large-Bone Power Systems

Oscillating Saw Blades

Synthes®

Compact Air Drive, Power Drive, Air Power Line, and Battery Power Line

To cross-reference to Synthes® by part number, replace "AO" with "519"




Part No.	Width (mm)	Usable Length (mm)	Cut Thickness (mm)	Material Thickness (mm)	TPI
AO-107	19	95	0.90	0.90	15
<p>Diagram of MicroAire AO-107 blade. The blade is 19mm wide and 95mm long. It features a cutting thickness of 0.9mm. The blade has three circular holes at 10mm, 20mm, and 30mm from the right end. The left end has a hook-like shape with four mounting holes. The blade is marked with 'MICROAIRE USA AO-107' and a scale from 0 to 80mm.</p>					
AO-108	25	95	0.90	0.90	15
<p>Diagram of MicroAire AO-108 blade. The blade is 25mm wide and 95mm long. It features a cutting thickness of 0.9mm. The blade has three circular holes at 10mm, 20mm, and 30mm from the right end. The left end has a hook-like shape with four mounting holes. The blade is marked with 'MICROAIRE USA AO-108' and a scale from 0 to 80mm.</p>					
AO-114	19	95	1.27	1.27	15
<p>Diagram of MicroAire AO-114 blade. The blade is 19mm wide and 95mm long. It features a cutting thickness of 1.25mm. The blade has three circular holes at 10mm, 20mm, and 30mm from the right end. The left end has a hook-like shape with four mounting holes. The blade is marked with 'MICROAIRE USA AO-114' and a scale from 0 to 80mm.</p>					
AO-115	25	95	1.27	1.27	15
<p>Diagram of MicroAire AO-115 blade. The blade is 25mm wide and 95mm long. It features a cutting thickness of 1.25mm. The blade has three circular holes at 10mm, 20mm, and 30mm from the right end. The left end has a hook-like shape with four mounting holes. The blade is marked with 'MICROAIRE USA AO-115' and a scale from 0 to 80mm.</p>					
AO-116	19	95	1.35	1.35	15
<p>Diagram of MicroAire AO-116 blade. The blade is 19mm wide and 95mm long. It features a cutting thickness of 1.4mm. The blade has three circular holes at 10mm, 20mm, and 30mm from the right end. The left end has a hook-like shape with four mounting holes. The blade is marked with 'MICROAIRE USA AO-116' and a scale from 0 to 80mm.</p>					

Synthes® Compact Air Drive, Power Drive, Air Power Line, and Battery Power Line To cross-reference to Synthes® by part number, replace "AO" with "519"

Part No.	Width (mm)	Usable Length (mm)	Cut Thickness (mm)	Material Thickness (mm)	TPI
AO-117	25	95	1.35	1.35	15
<p>The diagram shows a long, narrow blade with a curved cutting edge. It features three circular holes along its length. The cutting edge is marked with a sawtooth pattern. Dimensions are indicated in millimeters: 90mm total length, 80mm usable length, and 25mm width. The cutting thickness is 1.4mm. The blade is labeled 'MICROAIRE USA AO-117'.</p>					
AO-118	12.5	90	0.90	0.90	15
<p>The diagram shows a shorter, wider blade with a curved cutting edge. It features three circular holes along its length. The cutting edge is marked with a sawtooth pattern. Dimensions are indicated in millimeters: 90mm total length, 85mm usable length, and 12.5mm width. The cutting thickness is 0.90mm. The blade is labeled 'MICROAIRE USA AO-118'.</p>					

TWIST DRILLS

MicroAire® Synthes®-Style Drill Models 1990, 5990, 6690 and 7100-006 Sold individually. To order non-sterile, add "NS" to the end of the product number (e.g. 8053-XXXNS).

Type	Diameter (mm)	Overall Length (mm)	Usable Length (mm)	MicroAire Part #	Replaces Synthes® #	
Quick-Connect Style <i>Fits Synthes-Style Drill Couplers</i>	1.1	60	35	8053-011	310.11	
	1.5	85	60	8053-015	310.15	
		110	85	8053-016	310.16	
	2.0	100	75	8053-019	310.19	
		125	100	8053-021	310.21	
	2.5	180	155	8053-023*	310.23	
		110	85	8053-025*	310.25	
	2.7	100	75	8053-026	310.26	
		125	100	8053-028	310.28	
	3.2	195	170	8053-029	310.29	
		145	120	8053-031	310.31	
	3.5	110	85	8053-035	310.35	
		195	170	8053-037	310.37	
	4.5	145	120	8053-044	310.44	
		195	170	8053-048	310.48	
	6.0	195	170	8053-060	310.60	
Jacobs Style <i>Fits Jacobs Drive Couplers and Adapters</i>	2.0	85	27	8053-020	310.20	
	2.5	95	60	8053-024	310.24	
	3.2	130	85	8053-032	310.32	
	3.5	95	60	8053-036	310.36	

*Titanium nitride-coated

TAPS



MicroAire® Synthes®-Style Drill Models 1990, 5990, 6690 and 7100-006 Sold individually. To order non-sterile, add "NS" to the end of the product number (e.g. 8053-XXXNS).

Diameter (mm)	Overall Length (mm)	Usable Length (mm)	MicroAire Part #	Replaces Synthes® #	Use With	For Use with Screw Type
1.5	52	20	8053-115	311.15	1.1 mm drill bit	1.5 mm cortex screw
2.0	54	24	8053-119	311.19	1.5 mm drill bit	2.0 mm cortex screw
2.7	100	35	8053-126	311.26	2.0 mm drill bit	2.7 mm cortex screw
3.5	111	46	8053-132*	311.32	2.5 mm drill bit	3.5 mm cortex & titanium shaft screws
	181	51	8053-133*	311.33	2.5 mm drill bit	3.5 mm cortex & titanium shaft screws
4.0	111	48	8053-134	311.34	2.5 mm drill bit	4.0 mm cancellous screws
4.5	130	70	8053-146	311.46	3.2 mm drill bit	4.5 mm cortex & titanium shaft screws
	180	83	8053-148	311.48	3.2 mm drill bit	4.5 mm cortex & titanium shaft screws

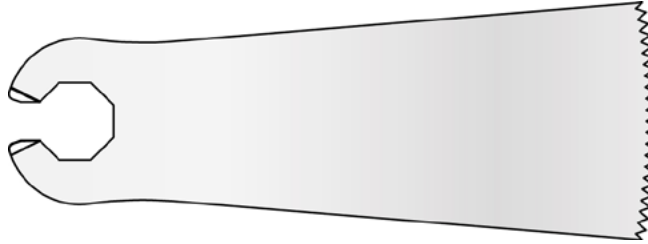
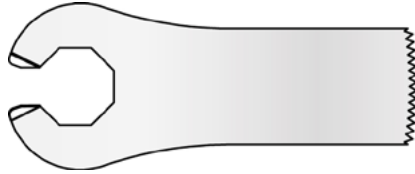
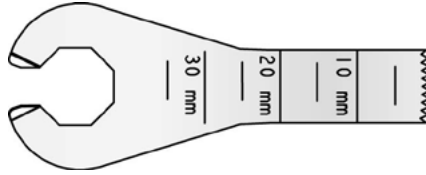

*Titanium nitride-coated

BLADES for Large-Bone Power Systems

Oscillating Saw Blades

Dyonics® Sagittal Saw 2855

To cross-reference to Dyonics® by part number, replace "DO-" with "3"

Part No.	Width (mm)	Usable Length (mm)	Cut Thickness (mm)	Material Thickness (mm)	TPI	
DO-701	31.2	60	1.0	0.60	16	
DO-703	15.3	30	1.0	0.60	16	
DO-704	9.2	30	1.0	0.60	16	
DO-705	13.2	60	1.0	0.60	16	

SYNTHESES-STYLE BLADES

Synthes	MicroAire	Page
519.107	AO-107	C-2
519.108	AO-108	C-2
519.114	AO-114	C-2
519.115	AO-115	C-2
519.116	AO-116	C-2
519.117	AO-117	C-3
519.118	AO-118	C-3

SYNTHESES-STYLE PINS + WIRES

Synthes	MicroAire	Page	Synthes	MicroAire	Page
310.11	8053-011	C-4	310.35	8053-035	C-4
310.15	8053-015	C-4	310.36	8053-036	C-4
310.16	8053-016	C-4	310.37	8053-037	C-4
310.19	8053-019	C-4	310.44	8053-044	C-4
310.20	8053-020	C-4	310.48	8053-048	C-4
310.21	8053-021	C-4	310.60	8053-060	C-4
310.23	8053-023	C-4	311.15	8053-115	C-5
310.24	8053-024	C-4	311.19	8053-119	C-5
310.25	8053-025	C-4	311.26	8053-126	C-5
310.26	8053-026	C-4	311.32	8053-132	C-5
310.28	8053-028	C-4	311.33	8053-133	C-5
310.29	8053-029	C-4	311.34	8053-134	C-5
310.31	8053-031	C-4	311.46	8053-146	C-5
310.32	8053-032	C-4	311.48	8053-148	C-5

All dimensions shown are nominal values subject to standard variances and tolerances.

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MICROAIRE®
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