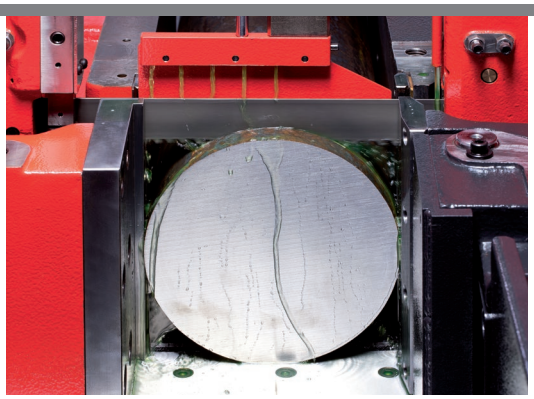
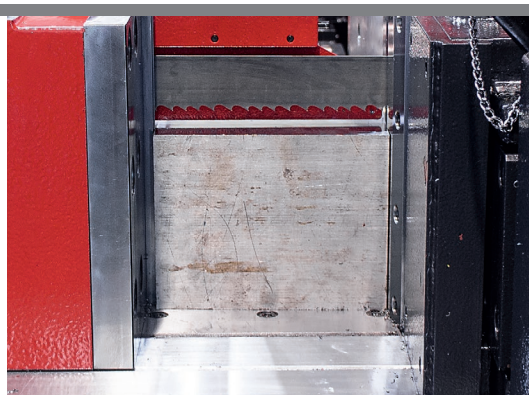
Carbide Tipped Saw Blade

AXCELA STRIKER®

Name until 1.10.2019: AXCELA C-S7

AMADA MACHINE TOOLS EUROPE





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Uncoated

Robust carbide bandsaw blade for general applications.

A variant of the proven AXCELA S designed to substitute competing products without changing pre-installed cutting parameters on non-AMADA band sawing machines.

Properties

- uncoated carbide tipped saw blade
- sectional cut channel
- robust cutting geometry
- for production machines
- extended set pattern ensures a smooth and quiet cutting operation

Advantages

- unique tooth design does prevent pinching of the blade during cutting process
- high cutting performance in wide application areas
- fewer cutting forces leads to longer lifetime of the blade

Comment

The innovative design of the AXCELA STRIKER® allows a wide range of applications without having to change the operational parameters in machine control. At the same time, however, fine-tuning between tool and material can raise the saw performance even more.

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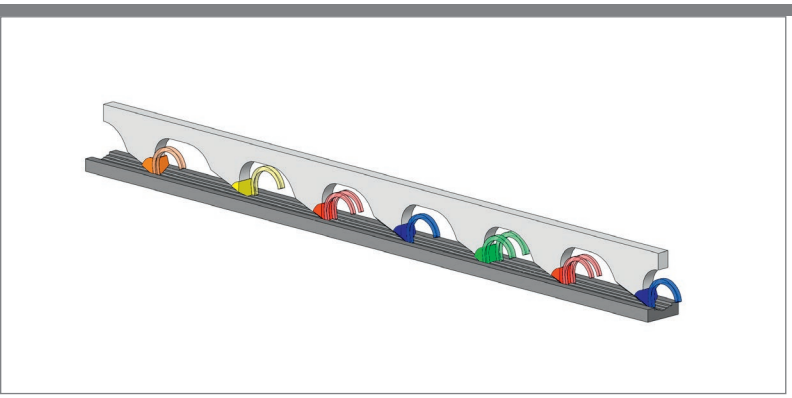
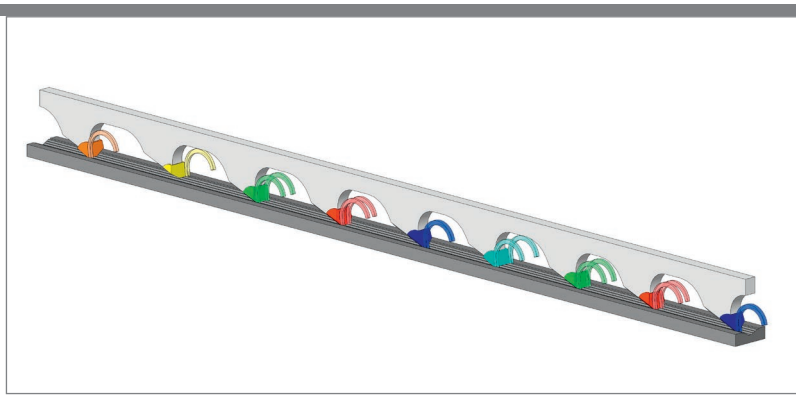


V7 tooth pattern



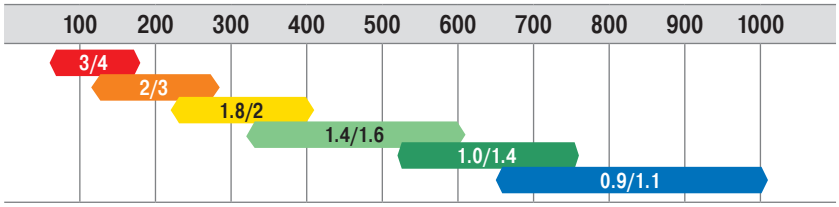
V9 tooth pattern

Application materials – AMADA AXCELA STRIKER®

Recommended	Suitable
Construction steel, hard-treated steel, cold-worked steel, hot-working steel, stainless steel, cast steel, high-speed steel, aluminium alloys, copper alloys	High heat-resisting steel, ball-bearing steel, nickel alloys, titanium alloys

Tooth pitch selection – AMADA AXCELA STRIKER®

Please observe our tooth pitch selection table, since the implemented technical features of the AXCELA STRIKER® do vary from standard AMADA recommendation. See table in below (material thickness/diameter in mm).



Line-up – AMADA AXCELA STRIKER®

Height	Thickness	0.5/0.8 V9	0.9/1.1 V9	1.0/1.4 V9	1.4/1.6 V7	1.8/2 V7	2/3 V7	3/4 V7
27	0.9							●
34	1.1					●	●	●
41	1.3				●	●	●	●
54	1.6		●	●	●	●	●	
67	1.6		●	●	●	●		
80	1.6	●	●					

Recommended run-in surface: 0.3 m^2

* With respect to application notes, please consult your AMADA sales representative

Construction steel St

Heat-treated steel QT

Cold-worked steel

Hot-working steel

Stainless steel 304

Cast steel

High-speed steel HSS

High heat-resisting steel °C

Ball-bearing steel

Aluminium alloys Al

Nickel alloys Ni

Titanium alloys Ti

Copper alloys Cu