



AHB

TOOLING & MACHINERY

COMPLETE METALWORKING SOLUTIONS

(800) 991-4225

www.ahbinc.com

ISO Certified

customerservice@ahbinc.com

Advanced flute and relief designs means smooth chip evacuation and longer tool life.

Versatile indexable insert drills provide cost effective choices with standard sizes in stock.

Sturdy, short drill body which fits perfectly in mid-size lathes.

SD5402 & SD5301

Perfomax[®] insert drills

Powerful drilling solutions for large diameter holes

Large diameter drills for mid-size machines

SD5402 upgrades your drilling with enhanced chip flow and stability, while SD5301's extra short body is purpose-built for mid-size turning machines where space is tight. With these two options, you can choose between a proven replacement for your existing large diameter drilling needs and a new solution designed for stability and precision in more compact setups.

Stability, speed and smarter chip control

Both drills feature a sturdy, compact design that eliminates deflection and ensures tight tolerances, even in demanding environments. Advanced wave-pattern chip flutes and a radial relief pattern keep chips moving, so you get cleaner holes and less downtime. Laser hardening and a polished, uncoated body mean longer tool life and less maintenance.

Flexible drilling for large diameters

Compatible with a wide range of inserts and materials, SD5402 and SD5301 are ready for any application. With standard sizes in stock, you're always prepared. Plus, the uncoated, polished drill bodies help you meet environmental targets without sacrificing performance.



Technical specifications

Work piece materials	All work piece materials and components with performance optimization through insert selection.	
Drill diameter	SD5402:	SD5301:
	60mm - 85mm with an increment of 5mm 2.250"-3.500" with increments of .250"	64mm - 84mm with an increment of 5mm. 2.250"-3.500" with increments of .250".
DOC (L/D ratio)	Drill body length: 2,5xD.	Max drill depth of 84 mm (3.30") and with a setting length of 120mm (4.72").
Back end / Shank	R7 (ISO9766) back end	R7 (ISO9766) back end
Insert offer	Insert grades	Geometries
	DP2501: Universal grade, first choice. Steel & SS	SCGX-P2 Universal geometry, high feed rates
	DP2000: High productivity in steel & Cast Iron	SCGX-P1 low to medium feed rates
	DS2050/DS4050: Heat resistant materials	SCGX-MP sharp positive geometry
	T250D: Hardened & non-ferrous materials T400D: Center insert. Universal grade, 1st choice	SPGX-C1 tough center insert geometry

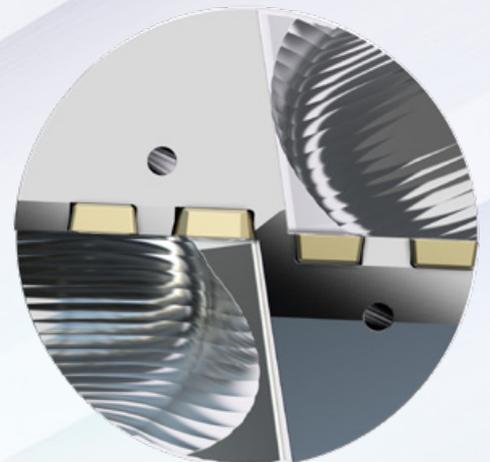


SD5402 and SD5301 working areas

SD5402 and SD5301 product families are designed to offer a safe and secure drilling process in both rotating and stationary applications. The strength and stability of the drill body together with the optimized insert grade/geometries offers maximum productivity.

The SD5301 drill body configuration is set to suit mid size turning machines, offering an extra short setting length and smaller shank diameters. These drill bodies offer a pre-finishing hole diameter for roughing operations and lathe applications. The SD5301 drill body offers the possibility to machine to required dimensions with one single tool.

Due to the short and stable drill body (no deflection) tight hole tolerances are achievable.

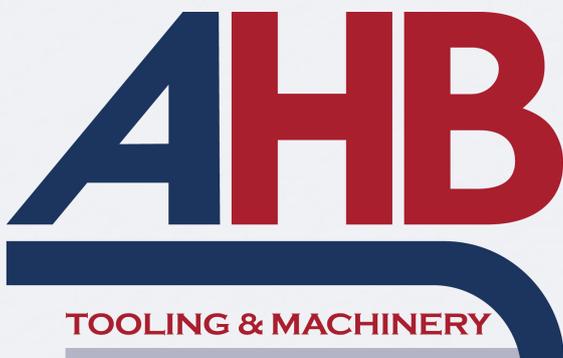


Additional information



Seco® continuously supports more sustainable processes that also generates a return for you as a customer. We recycle any carbide product, including bars and anvils, but no steel, ceramic or cermet.

For more information about how to become a recycling partner and our recycling program, please scan the QR code or visit secotools.com/recycling



COMPLETE METALWORKING SOLUTIONS

(800) 991-4225

www.ahbinc.com

ISO Certified

customerservice@ahbinc.com

secotools.com

© Seco Tools AB, 2025.

All rights reserved.

Technical specifications are subject to change without notice.