

TRAINING FEEDBACK

Customer	Singapore Aerospace Manufacturing Pte Ltd, Singapore
Industry	Aerospace component manufacturing
Training	STEP for Aerospace
Number of people trained	22
Future training plans	60 additional people in the Asia-Pacific region
Participants profile	Production engineers, supervisors, cell leaders
Feedback	<p>Mr. Eddie Goh, Manager Engineering:</p> <p>"The STEP education programme is very good. It has helped us to gain a clear understanding of the metal cutting process. It boosts our confidence and enables us to save significant costs in our production. It will lead to at least 10% cost saving in the short term and will contribute to our overall goal to reduce our production cost by 20% this year."</p>

Customer	Alfa Laval Copenhagen
Industry	Food and liquid, energy, pharmaceuticals etc
Time investment	Level 1 (3 x 3 hours) Level 2 (3x3 hours) Level 3 (1 1/2 day)
Participants profile	Production engineers, operators, team leaders
Feedback	<p>Manager, Decanter Production Copenhagen:</p> <p>Overall, Step1, 2 and 3 were very positively received by participants. Good discussions about demos took place and data from the catalogues was used as an example. There were many good questions and queries during the three days from operators. All showed great commitment to education and the quest for optimisation of production on different machines.</p>

CONTACT & INFORMATION

ONLINE INFORMATION:

Complete STEP information:
<http://www.secotools.com/step>

Seco Tools international website:
<http://www.secotools.com>

SERVICES

EDUCATION

STEP - SECO TECHNICAL EDUCATION PROGRAMME



**EXPAND YOUR KNOWLEDGE AND
RELEASE HIDDEN PRODUCTIVITY**

SECO

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SECO

GET UP TO DATE WITH THE LATEST MACHINING TECHNOLOGIES

The Seco Technical Education Programme (STEP) is a well developed and practical programme designed to familiarise users with the latest tooling systems and metal cutting techniques. STEP enables companies to combat the “technology gap” and achieve maximum machining productivity.

DESIGNED TO MAKE YOUR DECISIONS EASIER

STEP is designed to keep our customers in touch with a rapidly changing industry. Without an in-depth understanding of the new technologies in the market, many customers find the decision making process more and more difficult as the range of tooling systems expands.

WHAT DO YOU GET WITH STEP?

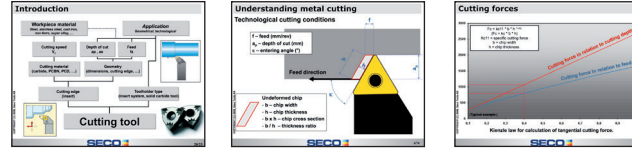
- Substantial productivity increases. Lower cost with elimination of tool wastage.
- Shorter machining times through optimisation.
- Production capacity release.
- Increase in industry competitiveness.
- Greater employee satisfaction.



TARGETED EDUCATION

WHO SHOULD PARTICIPATE IN THE STEP PROGRAMME?

Courses are designed to cover customer specific requirements, so that machine operators, manufacturing engineers, programmers, and company owners can begin to understand the simplest way to choose the correct tooling and machining strategy.



EDUCATION PACKAGES

INTRODUCTION

StepInto

METAL CUTTING

Core curriculum

(The 'Core curriculum' is an essential in-depth education on tool design principles, tool selection and application techniques.)

TECHNOLOGY EDUCATION

Milling, Turning, Holemaking,
Tool holding, Solid carbide

SPECIFIC STEP EDUCATION PACKAGES

Advanced cutting materials, Production economy, Thread turning,
Thread Milling, Machining Navigator, Tool maintenance,
Security in metal cutting, Controlling tool wear,
Machinability of workpiece materials, Industrial segments-various,
Tool maintenance, Security in metal cutting.

STEP OFFER

Many courses are available in both STEP and QuickSTEP versions. Courses can be tailor-made to suit specific customer demands. Please enquire

WHAT INFORMATION DOES STEP CONTAIN?

STEPINTO

STEPinto is an introduction to metal cutting that can be appreciated by participants from other disciplines. It lifts the curtain on our industry, and illustrates the crucial importance that it has to the world of mechanical engineering. STEPinto can be considered as an overview and of benefit to stakeholders not necessarily engaged directly in machining processes.

QUICKSTEP

As the name implies, is a fast track through the basics of metal cutting. It deals in particular with the language, terminology and concepts that underpin the creation of machined components. QuickSTEP is an ideal educational package for engineers who want to equip themselves with the knowledge to be able to delve deeper into machining technology and applications.

STEP CORE CURRICULUM

Almost twenty five years in the making, the core curriculum covers every important aspect of cutting tool design, selection and application. It provides the knowledge that is necessary to fully appreciate milling, turning, holemaking, threading and tool holding systems. An essential part of the early training of Seco's own experts, completing the core curriculum demands time, energy and a good basic understanding of machining technology.

STEP METAL CUTTING TECHNOLOGIES FOR INDUSTRY SEGMENTS.

This is intended for customers who are, on a daily basis, engaged in component manufacturing in specific engineering segments. Before participating in these combined information, education and training courses it is expected that participants are equipped not just to follow detailed presentations, but to also engage in technical discussions to fully explore what is on offer. These courses will eventually cover amongst others automotive, power generation, medical, aerospace, oil and gas and wind power industries.