Guaranteed Application Request Structural Steel

Guidelines on use

Guidelines for use of the Guaranteed Request Form

The request for a Guaranteed Application is a method of proving AMEC tooling on demonstration.

The Guaranteed Application form must be completed as fully as possible and sent to the Allied Machine Technical Department.

Example - Required Informations

Contact Details:

Purchase Order Number
Date
Customer Name
Customer Telephone and Fax Number
Proposed Date of the Demonstration
Customer Contact Name

Application Information:

Material:	Type, Specification, Hardness, Condition, Thickness
Hole:	Diameter, Diameter Range

Machine and Set-up Information:

Machine:	Type, Model, Feedline, Control, Speed, Preferred Shank Type
Spindle:	Orientation, Type
Coolant:	Type, Feed

Current Drill Information:

Details of current, or previous tooling used on application, and its performance history

What defines a successful test:

The objective of the demonstration i.e. Decreased Cycle Time, Better Chip Control, Safer Process, Longer Tool Life and Reduced Cost per Hole

Providing the Allied Machine Technical Department have enough information to judge the application, and its objectives are feasible, the test will be approved.

Structural Steel Guaranteed Application Form

Distributor PO #

The Following must be filled out completely before your test will be considered

CONTACT DETAILS

Trial P.O No*..... Date*..... Proposed Test Date*.....

Distributor*..... Distributor Contact*.....

Customer Name*..... Industry..... Contact Name*.....

Contact Telephone*..... Contact E-mail*.....

APPLICATION INFORMATION

ATTENTION: The following Information is required to enable the best combination of tooling to be recommended. Please complete all that apply.

Material Type*..... Specification*..... Material Hardness ..... ☐ Kg ☐ BRN ☐ RC ☐ N/mm²

Material Condition ☐ Angle ☐ H-Section ☐ Tubular Stock
☐ Stacked Plate ☐ Plate ☐ U-Section

Hole Diameter .....☐ mm ☐Inch ☐ Hole Diameter Range used..... ☐ mm ☐ Inch

Material Thickness this test ..... Material Thickness Range used * .....

MACHINE AND SET-UP INFORMATION

Machine Tool Type ☐ Ficep ☐ Steeltec ☐ Pedestal Drill
☐ Peddinghaus ☐ Voortman ☐ Vernet Behringer
☐ Kaltenbach ☐ Radial Arm ☐ Other

Model* .....

Feedline* ☐ Hydraulic ☐ Ball Screw

Machine Tool Control* ☐ CNC ☐ NC ☐ Manual ☐ Other .....

Spindle Orientation* ☐ Vertical ☐ Horizontal ☐ Other .....

Spindle Type* ☐ ISO ☐ Quick Change ☐ Morse Taper No ..... Gauge Length ..... ☐ mm ☐ Inch

Available Speed* ☐ Variable ☐ Fixed ☐ RPM ☐ m/Min

Preferred Shank Type* ☐ Flanged ☐ Morse Taper N°..... Diameter ..... ☐ mm ☐ Inch

Coolant Type* ☐ Cutting Oil ☐ Water Soluble Oil ☐ Air Mist ☐ Air ☐ Dry

Coolant Feed* ☐ Constant ☐ Pulsed ☐ Through Coolant ☐ External

CURRENT DRILL INFORMATION

Drill Manufacturer ..... Point Angle .....

Drill Type ..... ☐ Twist ☐ Brazed ☐ Indexable Insert
☐ Removable Tip ☐ Other .....

Tool Grade ☐ HSS ☐ Carbide ☐ Other .....

Tool Coating ☐ Uncoated ☐ TiN ☐ TiCN ☐ TiAlN ☐ Other .....

Current Speed ..... ☐ RPM ☐ m/Min ☐ Current Feed Rate ..... ☐ mm/rev ☐ mm/min

Average Number of Holes Drilled New ..... After Regrind? .....

Reason(s) for Tool change ☐ Wear ☐ Fracture ☐ Chipping
☐ Losing Hole Tolerance ☐ Losing Chip Control ☐ Other .....
☐ Other ..... ☐ Chatter ☐ New Application

What Criteria define a successful test* ☐ Decreased Cycle Time ☐ Better Chip Control ☐ Safer Process
☐ Longer Tool Life ☐ Reduced Cost per Hole ☐ Other .....

Potential this application: Current Annual Usage €/£: Tools per Annum?

*Required Fields where applicable

FOR OFFICE USE ONLY

Application Engineer: Number: Status: