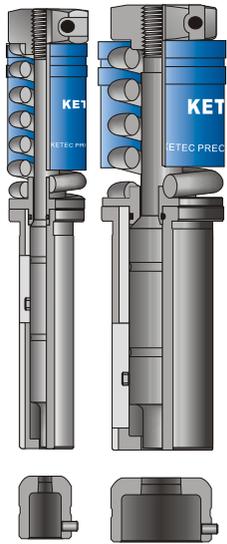


E series Std.

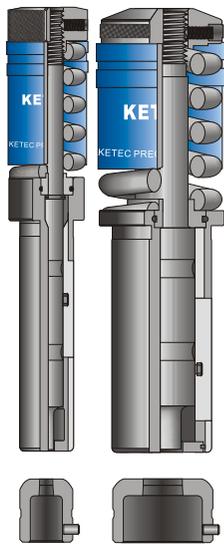


=Mate original tool

Feature:

- 1.Hex punch head
- 2.Long punch body
- 3.Cheaper series
- 4.Most of end users use it.
- 5.Intherchange with Aamada tooling

E series 80style

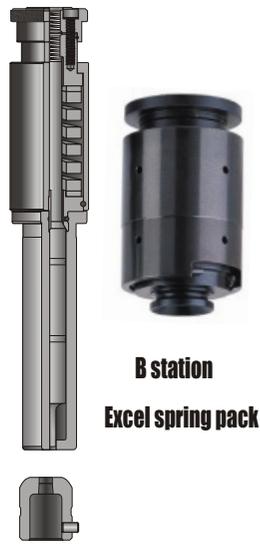


=Wilson 80 series

Feathure:

- 1.Ro.punch head
- 2.Long punch body
- 3.Punch driver is bigger, stronger and better to punch thicker sheet metal.
- 4.B station has stripper
- 5.Intherchange with Wilson 80 tools

M series General

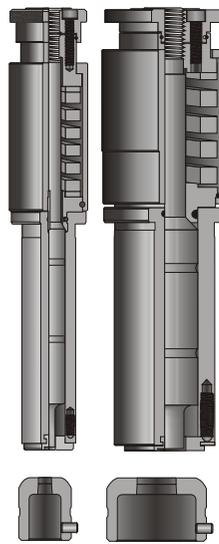


B station
Excel spring pack

Feathure:

- 1.Like Amada NEX tool and Wilson Quick adjust tool
- 2.Use Excel spring pack assembly .
- 3.Punch,guide can inter-change with Amada punch and guide.

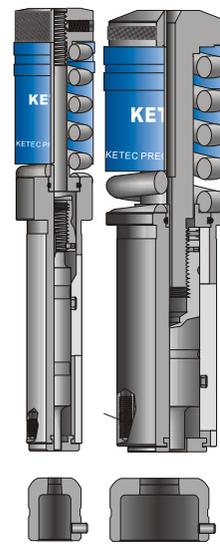
M series Std.



Feathure:

- 1.Like Amada NEX tool and Wilson Quick adjust tool
- 2.Use Excel spring pack assembly .
- 3.Punch can inter change with Amada punch.
- 4.Stripper is same as wilson 80/90

M series 90

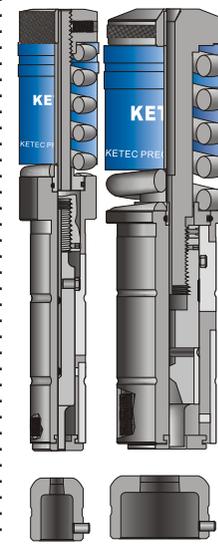


=Wilson HP 90 tool

Feathure:

- 1.Drive assembly,punch, guide,stripper,punch head,spring can inter-change with wilson 90
- 2.Punch is short,easy to adjust length of punch assembly.Has wilson 90 tools function
- 3.Lock stripper by ball plunger, not by clip ring,convinient to load and unload stripper.

M series 90ABS

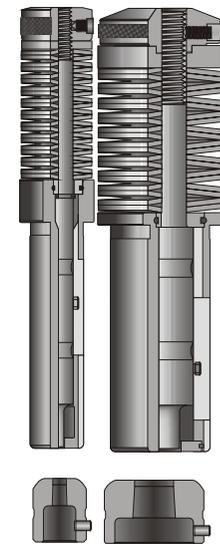


=Wilson HP 90ABS

Feathure:

- 1.Has WT 90 tools function,and has air-blow function.
- 2.Punch and guide,driver assembly lubrication groove.Extand tool life.
- 3.All parts can inter-change with wilson 90ABS

SPH series



=Wilson 80 heavy duty

Feature:

- 1.Can punch thicker sheet metal>3.0mm, long life to punch thicker sheet metal.
- 2.Disc spring,heavy duty die make tools stronger
- 3.Can intherchange with WT 80

SPS

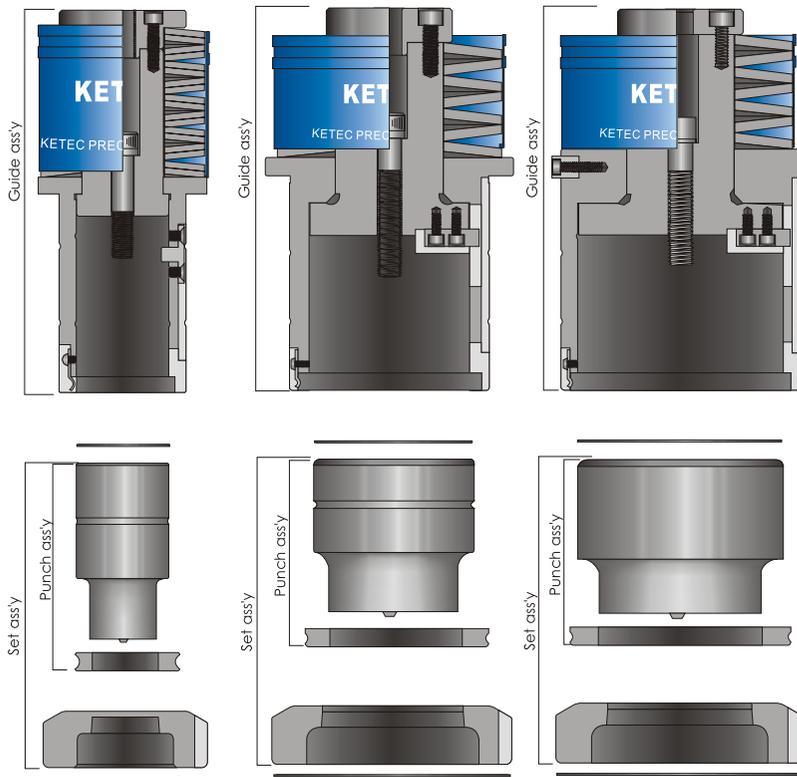


Feature:

- The tool is special for small Dia.hole if punch insert broken, just change insert.Save money.

Note:1.To save money,we recommend E series. 2.To punch thick sheet metal,we recommend E series 80 style and specially SPH heavy duty
3.To adjust quickly and get more long life,we recommend M series general style ,the better is M series STD.the best is M seires 90 tooling
4.To punch small hole below 1.6mm, we recommend SPS series,Client only order punch insert,insert sleeve and die ,then can punch other size hole.
4. All guide with separate stripper tooling, Clients just change stripper and punch,die,then punch other size,Save guide money.

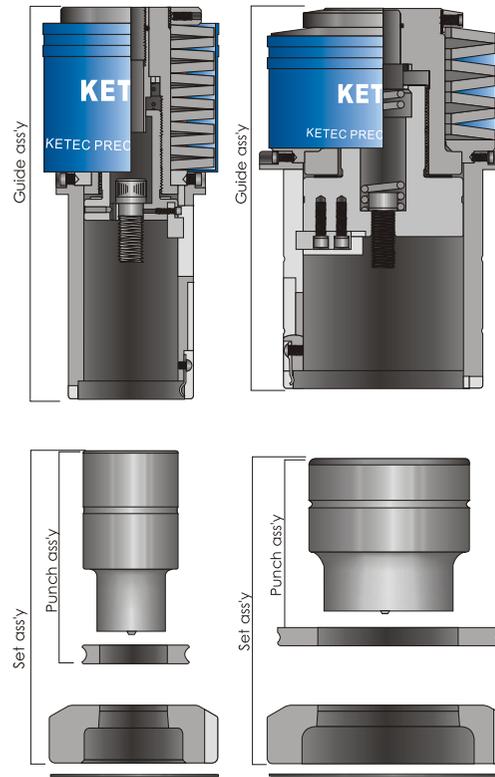
E series Standard style



Feature:

1. It is Amada standard style
2. All parts can interchange with Amada tooling. Punch, stripper, guide are the same as amada tooling

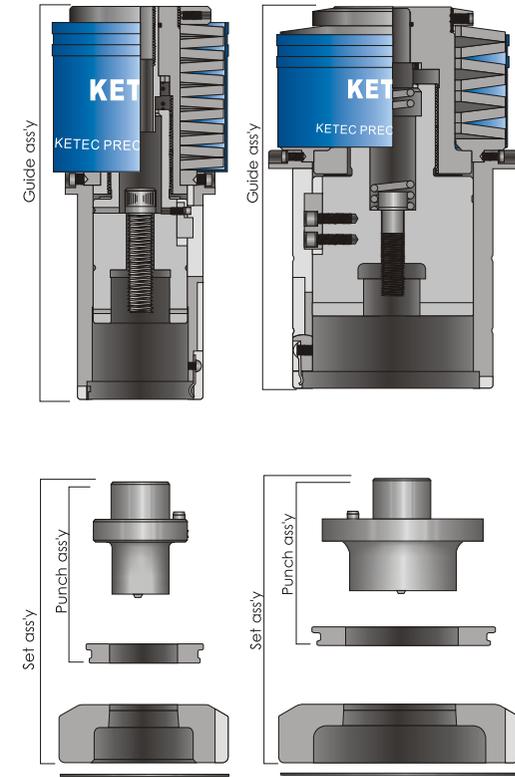
M series standard style



Feature:

1. It is same as Wilson Econo-Line tooling.
2. Punch, stripper are Amada standard style, can interchange.
3. The guide assembly can adjust length of punch body quickly like Wilson 90 tooling. The operator only use press button on punch head to adjust length.

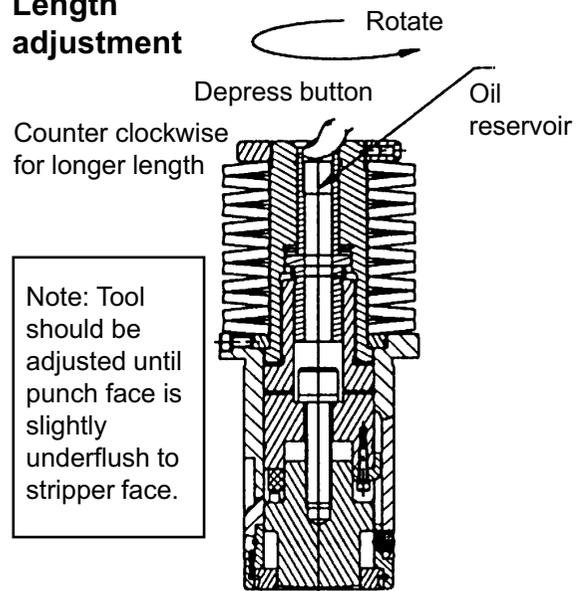
M series 90 style



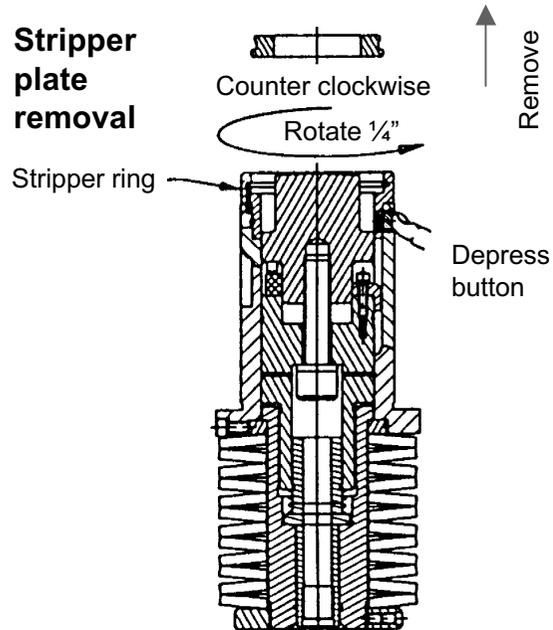
Feature:

1. It is Wilson 80 plus style
2. Punch, stripper are same as Wilson 90 tool
3. The difference of Wilson 80 plus and Wilson 90 is only in push button on bottom of guide. The push button is for releasing stripper. Wilson 80 plus has no the button. All other parts are same as Wilson 90 tooling

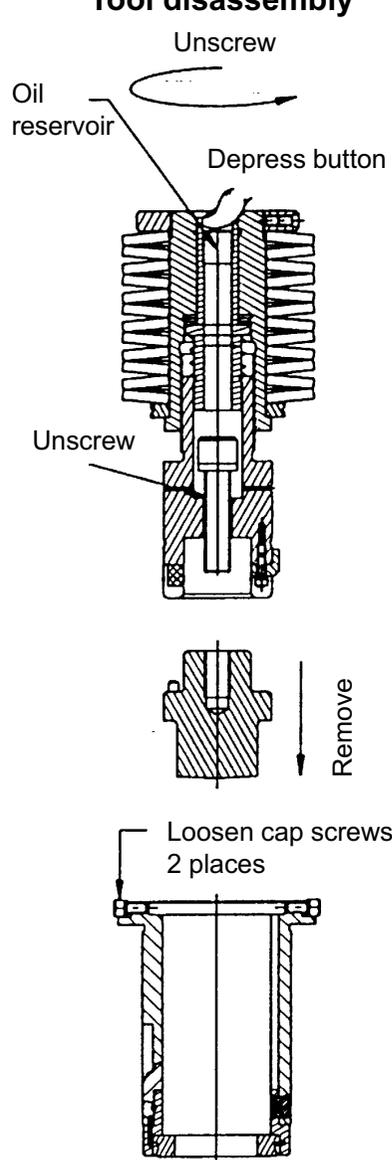
Length adjustment



Stripper plate removal



Tool disassembly



Length adjustment

1. While depressing top button down, rotate spring pack counter clockwise to increase the length of the tool.
2. Release button when desired length has been achieved. Then rotate spring pack until button locks into place. Each click of the button is .004" (0.1mm) of adjustment. One full rotation is .100" (2.54mm) of adjustment.
3. Caution: Do not adjust beyond maximum punch regrind.
4. No tools are needed for adjustment of length.
5. Guide does not have to be removed for adjustment.

Stripper plate removal

1. While depressing side button in, rotate stripper ring counter clockwise approximately 1/4" (6.35) until ring stops.
2. Remove stripper plate.
3. No tools are needed to remove stripper plate.
4. Guide does not have to be removed to remove stripper plate.

Tool disassembly

1. To remove guide, loosen cap screws (2 places) and slide guide off holder.
2. To remove punch, loosen cap screw. Before cap screw is completely disengaged from punch, give Allen wrench a firm tap to free the punch from the holder. Remove punch.
3. Unscrew spring pack by depressing top button down and rotating counter clockwise.

Lubrication

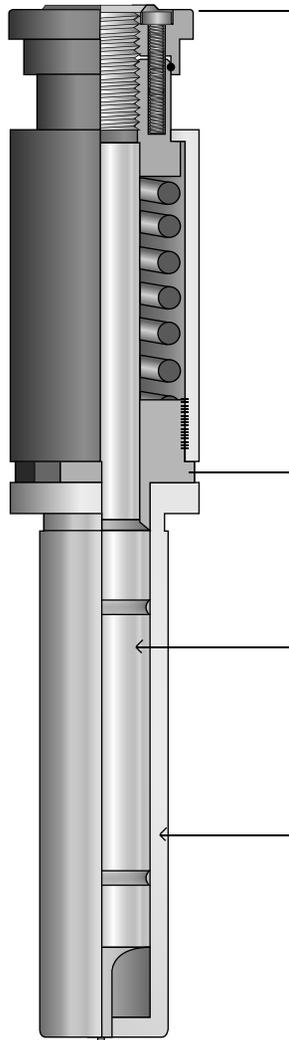
Wilson Large Station Guide Assemblies are equipped with an internal lubrication system. At the beginning of each shift, using a hand pump oiler, add approximately two squirts of oil down the center hole. Use SAE 80 or ISO VG 100 oil, (a heavy gear oil). Use this same oil, or a lighter oil, on the outside of the guide, between the guide and the turret bore. Daily use is recommended.

2" C-Station Thick Turret Series 90

[05234-INST]



EXCEL[®] TOOLING STYLE



EXCEL[®] PUNCH SPRING PACK

The punch spring pack fits with standard punch body, guide. The following are the features:

1. extend the tool life. 6.0mm
2. adjust the punch body length easily.
3. good durable performance.
4. much more length for regrinding.

Standard punch body

Standard guide



A,B station punch assembly