

Superior Solutions for Sheet Metal Fabricators

NOVA[®] TOOLING SYSTEM

- DROP-IN STYLE NOVA TOOLING
WITH FINN DIES
- QUICKSET STYLE NOVA TOOLING
WITH FINN DIES



PN 2011

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mate.com

MATE[®]
**PRECISION
TOOLING**

TRUSTED | QUALITY | SERVICE | SOLUTIONS

NOVA® SYSTEM DROP-IN STYLE



A Station

Maximum 1.000(25.40)
diameter/diagonal

AFNAA

Guide Assembly
(excluding punch, stripper
and die)

Retaining Pin

Sleeve Snap Ring

Cap

Sleeve

Springs

Stripper Retainer

Balls

Ball Lock Ring

Punch Snap Ring

Punch

Round

Shapes

Stripper

Round

Shapes

Slug Free® Die

Round

Shapes

Die Shim
(12 per bag)

Optional Finn-Power
Version w/ slotted keyways

Round

Optional Finn-Power
Version w/ slotted keyways

Shapes

Die Shim, Finn-Power
(12 per bag)

NPNA

NSSA

NCAA

NSVA

NBSA

NRTA

NRBA

NLRA

NPSA

PANA0A

PANA_A

S6NA0A

S6NA_A

Maximum Die Opening
0.856(21.74)

D0NA00

D0NA_0

DS6B

D0FA00

D0FA_0

MSFA

B Station

Maximum 1.000(25.40)
diameter/diagonal

AFNAB

NPNB

NSSB

NCAB

NSVB

NBSB

NRTB

NRBA

NLRB

NPSB

PANB0A

PANB_A

S6NB0A

S6NB_A

Maximum Die Opening
1.500(38.10)

D0NB00

D0NB_0

DS6B

D0FB00

D0FB_0

MSFB

C** Station

Maximum 1.500(38.10)
diameter/diagonal

AFNAC

NPNC

NSSC

NCAC

NSVC

NBSC

NRTC

NRBA

NLRC

NPSC

PANC0A

PANC_A

S6NC0A

S6NC_A

Maximum Die Opening
2.090(53.90)

D0NC00

D0NC_0

DS6C

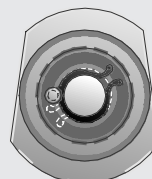
D0FC00

D0FC_0

MSFC

C Station

AFNACXX

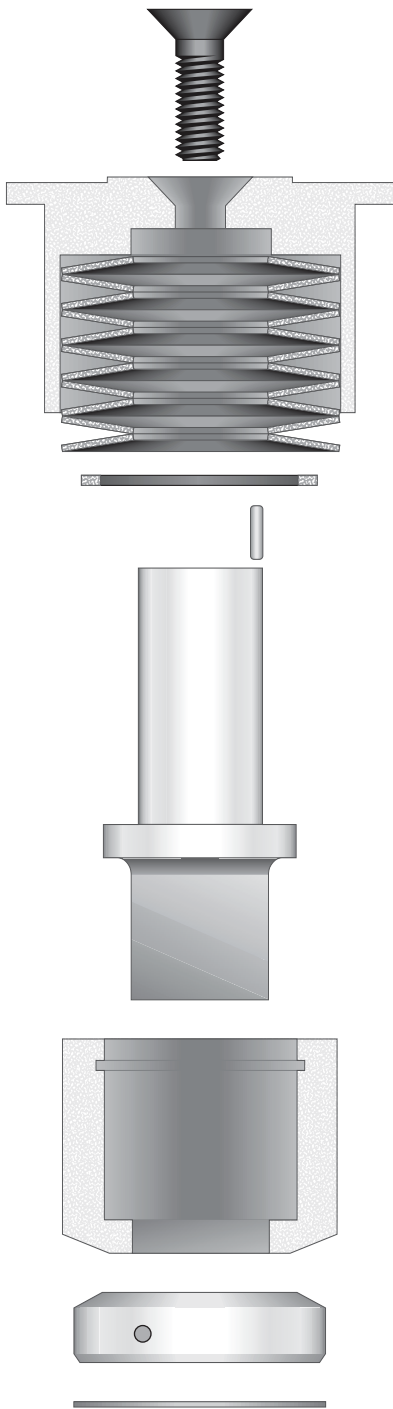


** For standard C stations next to an auto index of Multi-tool station, use guide assembly AFNACXX.



[Dimensions in Inches(mm)]

NOVA® SYSTEM QUICKSET STYLE



Note: Some early model presses accept the "D" and "F" die. Most presses accept only the "E" and "G" dies. Ask us if you are unsure which dies your machine accepts.

	D Station Maximum 2.000(50.80) diameter/diagonal	E Station Maximum 2.500(63.50) diameter/diagonal	F Station Maximum 3.000(76.20) diameter/diagonal	G Station Maximum 3.500(88.90) diameter/diagonal
Guide Assembly (excluding punch stripper and die)	AFNAE	AFNAE	AFNAG	AFNAG
Screw	FHC13477	FHC13477	FHC13477	FHC13477
Sleeve	NSVE	NSVE	NSVG	NSVG
Disc Springs	NBSE	NBSE	NBSG	NBSG
Stripper Snap-Ring	NSSE	NSSE	NSSG	NSSG
Retaining Pin (included with round punch)	MIS60038	MIS60038	MIS60038	MIS60038
Punch				
Round	PAND0A	PANE0A	PANF0A	PANG0A
Shapes	PAND_A	PANE_A	PANF_A	PANG_A
Stripper (Snap Ring Included)				
Round	S6ND0A	S6NE0A	S6NF0A	S6NG0A
Shapes	S6ND_A	S6NE_A	S6NF_A	S6NG_A
Slug Free® Die	Maximum Die Opening 2.680(68.07)	Maximum Die Opening 2.680(68.07)	Maximum Die Opening 3.543(89.99)	Maximum Die Opening 3.543(89.99)
Round	D0NE00	D0NE00	D0NG00	D0NG00
Shape	D0NE_0	D0NE_0	D0NG_0	D0NG_0
Die Shim (12 per bag)	DS6D	DS6E	DS4F	DS4G
Optional <i>Finn-Power</i> Version w/ slotted keyways	D0FE00	D0FE00	D0FG00	D0FG00
Round	D0FE_0	D0FE_0	D0FG_0	D0FG_0
Optional <i>Finn-Power</i> Version w/ slotted keyways	D0FE_0	D0FE_0	D0FG_0	D0FG_0
Shapes	MSFE	MSFE	MSFG	MSFG
Die Shim, Finn-Power (12 per bag)				

General Add-Ons

Radius Corner	Add 10%	to punch, stripper, and die
Special Angle Settings	Add 25%	to stripper and die
Non-standard shear (limited options)	Add 25%	to punch

Small Diameter Round Tools

Diameter 0.031(0.79) to 0.061(1.55)	Add 25%	to punch, stripper, and die
Diameter 0.062(1.56) to 0.092(2.34)	Add 10%	to punch, stripper, and die
Narrow Width Shaped Tools		
Widths under 0.125(3.18)	Add 25%	to punch, stripper, and die

Maxima® or Nitride

A Station	
B Station	
C Station	
D and E Station	
F and G Station	

[Dimensions in Inches(mm)]





visit **mate.com**

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