

Nova<sup>®</sup> Tooling System For Finn-Power Presses

# NOVA<sup>®</sup> TOOLING SYSTEM

- Drop-in style Nova<sup>®</sup> Tooling
- Quickset style Nova<sup>®</sup> Tooling



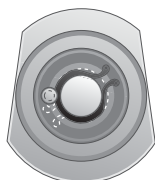
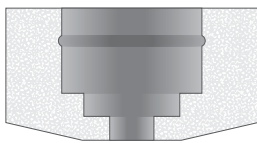
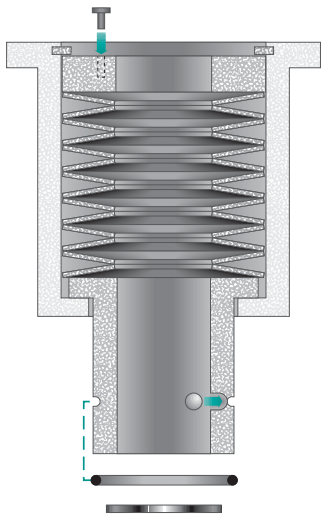
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**PART NUMBER**

**Mate Tooling Lasts Longer**

1295 Lund Boulevard, Anoka, Minnesota 55303 USA  
Call 763.421.0230 800.328.4492 Fax 763.421.0285 800.541.0285 mate.com

# NOVA<sup>®</sup> SYSTEM DROP-IN STYLE

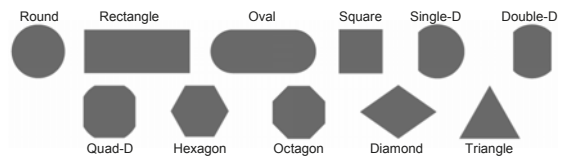


	A Station Maximum 1.000(25.40) diameter/diagonal	B Station Maximum 1.000(25.40) diameter/diagonal	C** Station Maximum 1.500(38.10) diameter/diagonal
Guide Assembly (excluding punch stripper and die)	AFNAA	AFNAB	AFNAC
Retaining Pin	NPNA	NPNB	NPNC
Sleeve Snap Ring	NSSA	NSSB	NSSC
Cap	NCAA	NCAB	NCAC
Sleeve	NSVA	NSVB	NSVC
Springs	NBSA	NBSB	NBSC
Stripper Retainer	NRTA	NRTB	NRTC
Balls	NRBA	NRBA	NRBA
Ball Lock Rings	NLRA	NLRB	NLRC
Punch Snap Ring	NPSA	NPSB	NPSC
<u>Punch</u>			
Round	PANA0A	PANB0A	PANC0A
Shapes	PANA_A	PANB_A	PANC_A
<u>Stripper</u>			
Round	S6NA0A	S6NB0A	S6NC0A
Shapes	S6NA_A	S6NB_A	S6NC_A
<u>Slug Free<sup>®</sup> Die</u>			
	Maximum Die Opening 0.856(21.74)	Maximum Die Opening 1.500(38.10)	Maximum Die Opening 2.090(53.90)
Round	D0FA00	D0FB00	D0FC00
Shapes	D0FA_0	D0FB_0	D0FC_0
Die Shim (12 per bag)	MSFA	MSFB	MSFC

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

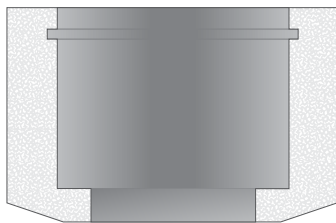
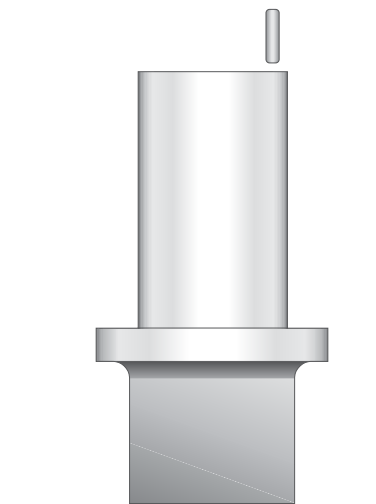
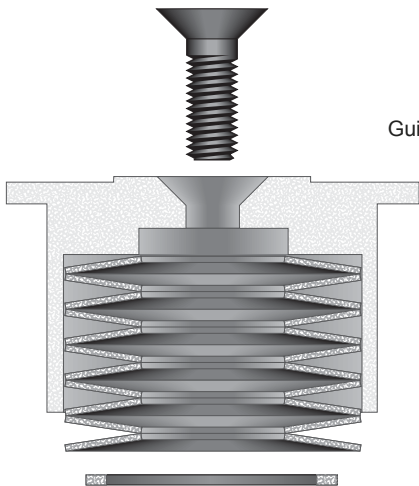
C Station AFNACXX

## Standard Shapes



Dimensions in inches (millimeters)

# NOVA<sup>®</sup> SYSTEM QUICK SET STYLE



	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
<u>Punch</u>				
Round	PAND0A	PANE0A	PANF0A	PANG0A
Shapes	PAND_A	PANE_A	PANF_A	PANG_A
<u>Stripper</u> (Snap Ring Included)				
Round	S6ND0A	S6NE0A	S6NF0A	S6NG0A
Shapes	S6ND_A	S6NE_A	S6NF_A	S6NG_A
<u>Slug Free<sup>®</sup> Die</u>	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	D0FE00	D0FE00	D0FG00	D0FG00
Shapes	D0FE_0	D0FE_0	D0FG_0	D0FG_0
Die Shim (12 per bag)	MSFE	MSFE	MSFG	MSFG

## 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
<b>Narrow Width Shaped Tools</b> Widths under 0.125(3.18)	Add	25%	to punch, stripper, and die

## Maxima<sup>®</sup> or Nitride

A Station	Add	to punch
B Station	Add	to punch
C Station	Add	to punch
D and E Station	Add	to punch
F and G Station	Add	to punch



**MATE**®  
**M**  
**PRECISION  
TOOLING**

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