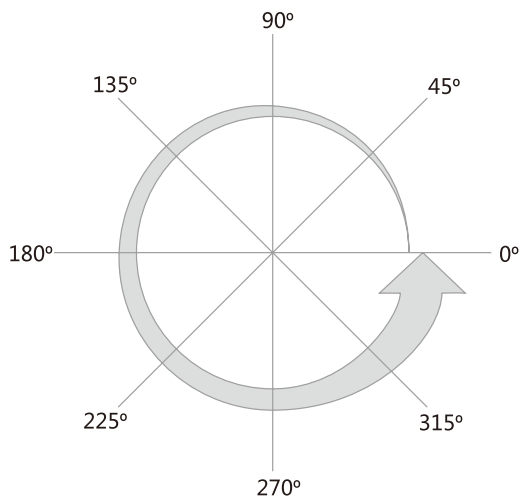


AFAB MACHINERY AND TOOLS LTD

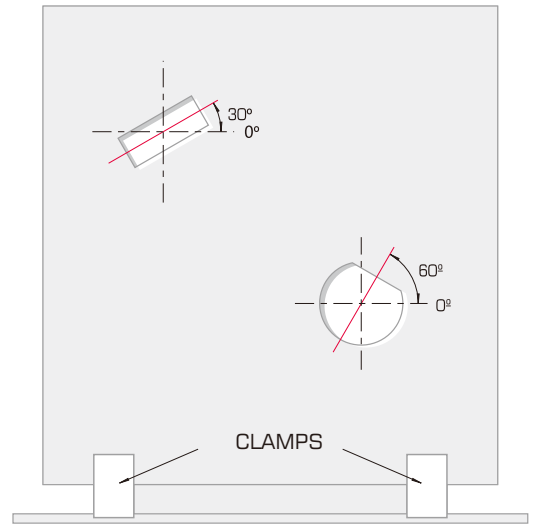
# MURATA WIEDEMANN TOOLING

THICK TURRET  
TRUMPF TYPE  
MURATA TYPE  
SALVAGNINI  
THIN TURRET



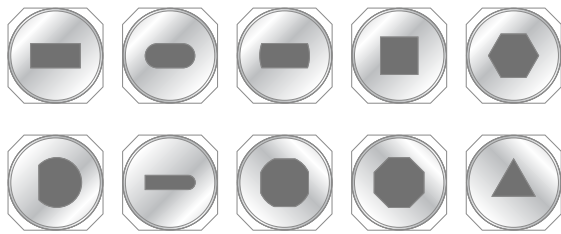


SHAPE ANGLE DIRECTION

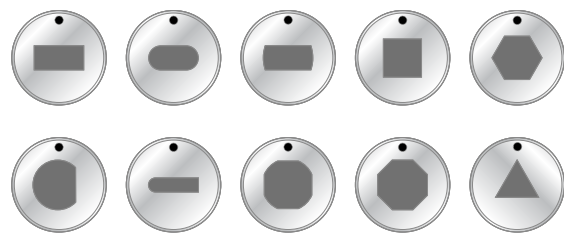


SHAPE POSITION AT SHEET METAL FROM TOP OF MACHINE

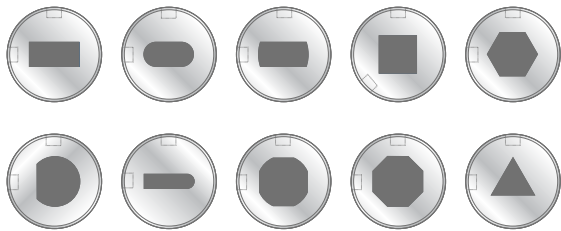
PUNCH VIEW B & C STATIONS



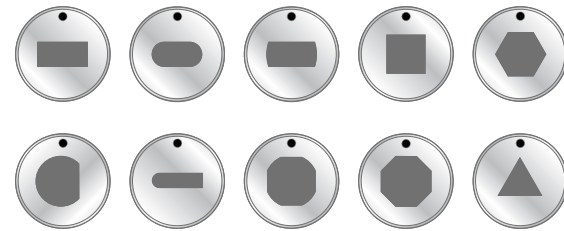
DIE VIEW B & C STATIONS



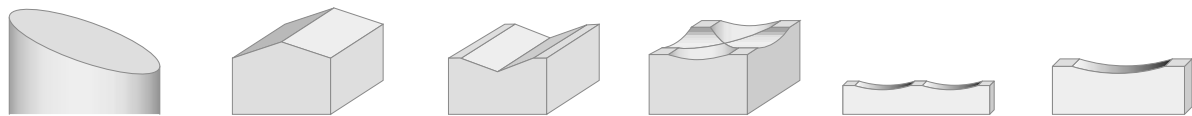
PUNCH VIEW D - L STATIONS



DIE VIEW D - L STATIONS



PUNCH TIP TYPE



Whisper

Rooftop

Inverted Rooftop

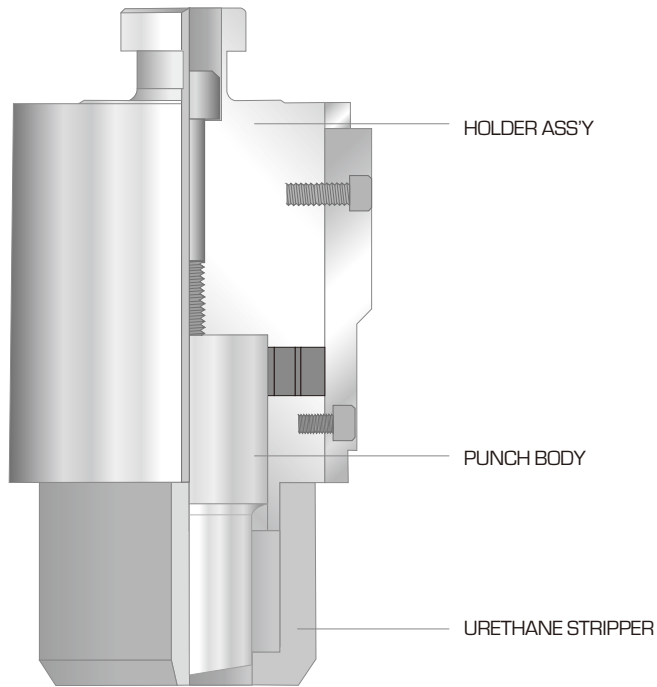
4 way concave

2 way concave

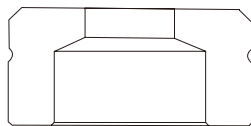
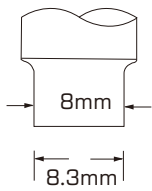
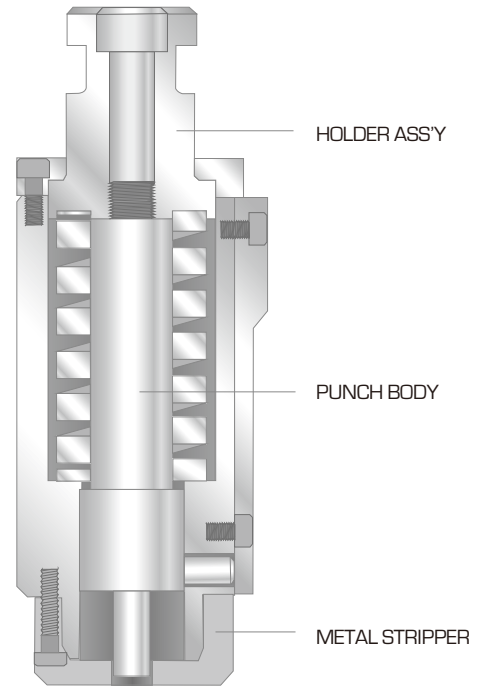
Cup concave

# TECHNICAL INFORMATION

114 TOOLING SYSTEM



VULCAN TOOLING SYSTEM



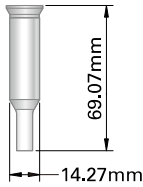
.8.3-8mm = 0.3mm = Total Clearance

Recommended Total Die Clearance

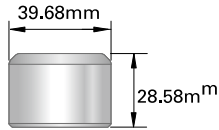
Material Thickness	Aluminum Total Clearance	Mild Steel Total Clearance	Stainless Steel Total Clearance
1.00	0.15	0.20	0.20
1.50	0.23	0.30	0.40
2.00	0.30	0.40	0.50
3.00	0.60	0.75	0.90
4.00	0.80	1.00	1.20
5.00	1.00	1.25	1.75
6.35	1.60	2.00	2.22



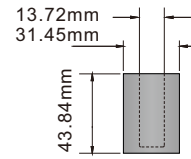
### A STATION (~12.7mm)



Punch  
Round:W4-APBRO

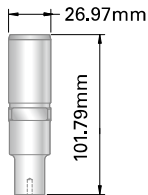


Die  
Round:W4-ADIRO

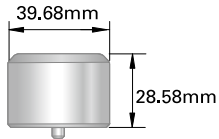


Stripper  
W4-AST

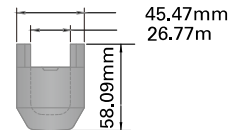
### B STATION (~25.4)mm



Punch  
Round:W4-BPBRO  
Shape:W4-BPB\*\*

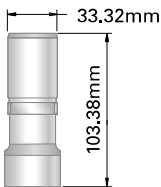


Die  
Round:W4-BDIRO  
Shape:W4-BDI\*\*

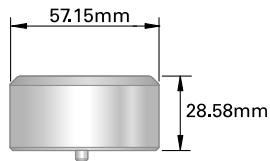


Stripper  
W4-BST

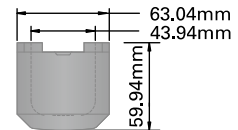
### C STATION (25.4~38.1mm)



Punch  
Round:W4-CPBRO  
Shape:W4-CPB\*\*



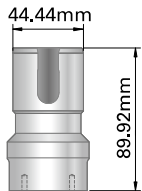
Die  
Round:W4-CDIRO  
Shape:W4-CDI\*\*



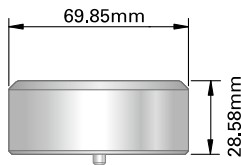
Stripper  
W4-CST



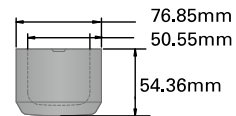
### D STATION(38.1~50.8mm)



Punch  
Round:W4-DPBRO  
Shape:W4-DPB\*\*

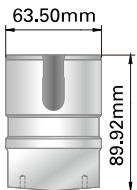


Die  
Round:W4-DDIRO  
Shape:W4-DDI\*\*

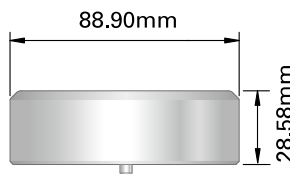


Stripper  
W4-DST

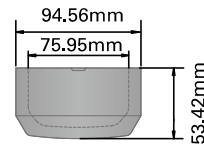
### E STATION (50.8~63.5mm)



Punch  
Round:W4-EPBRO  
Shape:W4-EPB\*\*

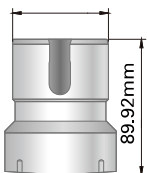


Die  
Round:W4-EDIRO  
Shape:W4-EDI\*\*

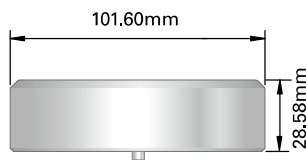


Stripper  
W4-EST

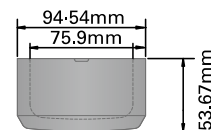
### F STATION(63.5~76.2mm)



Punch  
Round:W4-FPBRO  
Shape:W4-FPB\*\*



Die  
Round:W4-FDIRO  
Shape:W4-FDI\*\*

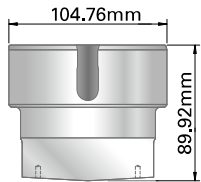


Stripper  
W4-FST

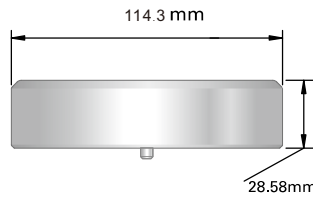


## G/H/J STATION

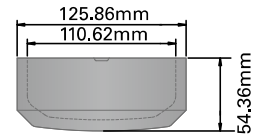
### G STATION(76.2~88.9mm)



Punch  
Round:W4-GPBRO  
Shape:W4-GPB\*\*

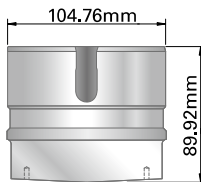


Die  
Round:W4-GDIRO  
Shape:W4-GDI\*\*

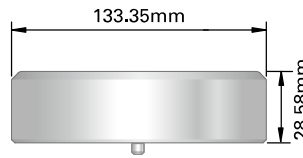


Stripper  
W4-GST

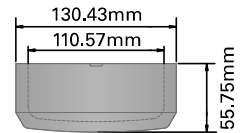
### H STATION(88.9~104.8mm)



Punch  
Round:W4-HPBRO  
Shape:W4-HPB\*\*

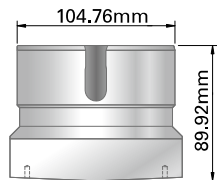


Die  
Round:W4-HDIRO  
Shape:W4-HDI\*\*

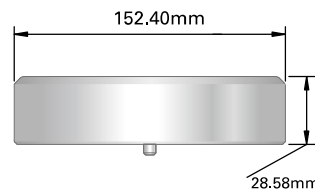


Stripper  
W4-HST

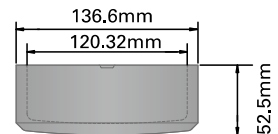
### J STATION (104.8~120.6mm)



Punch  
Round:W4-JPBRO  
Shape:W4-JPB\*\*



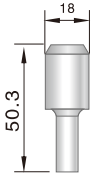
Die  
Round:W4-JDIRO  
Shape:W4-JDI\*\*



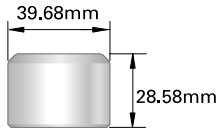
Stripper  
W4-JST



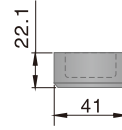
X STATION(~12.7mm)



Punch  
Round:WV-XPBRO

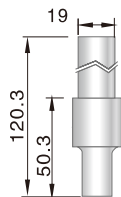


Die  
Round:WV-XDIRO

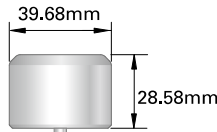


Stripper  
WV-XST

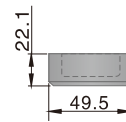
AB STATION(~25.4mm)



Punch  
Round:WV-APBRO  
Shape:WV-APB \*\*

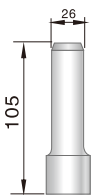


Die  
Round:WV-ADIRO  
Shape:WV-ADI \*\*

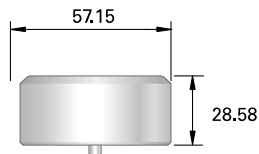


Stripper  
Round:WV-ASTRO  
Shape:WV-AST \*\*

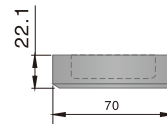
C STATION(25.4~38.1mm)



Punch  
Round:WV-CPBRO  
Shape:WV-CPB \*\*



Die  
Round:WV-CDIRO  
Shape:WV-CDI \*\*

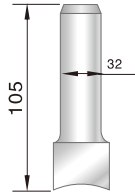


Stripper  
Round:WV-CSTRO  
Shape:WV-CST \*\*

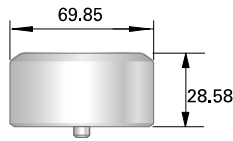


D/E/F STATION

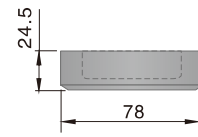
D STATION(38.1~50.8mm)



Punch  
Round:WV-DPBRO  
Shape:WV-DPB\*\*

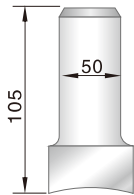


Die  
Round:WV-DDIRO  
Shape:WV-DDI\*\*

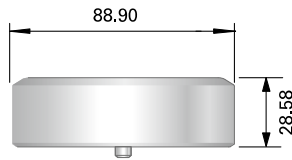


Stripper  
Round:WV-DSTRO  
Shape:WV-DST\*\*

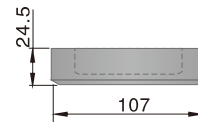
E STATION(50.81~63.5mm)



Punch  
Round:WV-EPBRO  
Shape:WV-EPB\*\*

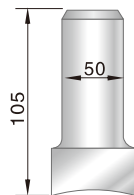


Die  
Round:WV-EDIRO  
Shape:WV-EDI\*\*

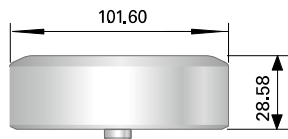


Stripper  
Round:WV-ESTRO  
Shape:WV-EST\*\*

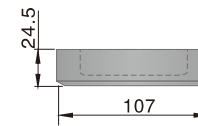
F STATION(63.5~76.2mm)



Punch  
Round:WV-FPBRO  
Shape:WV-FPB\*\*



Die  
Round:WV-FDIRO  
Shape:WV-FDI\*\*

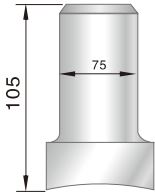


Stripper  
Round:WV-FSTRO  
Shape:WV-FST\*\*

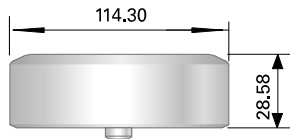




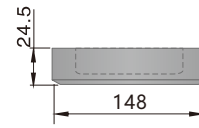
G STATION[76.21~88.9mm]



Punch  
Round:WV-GPBRO  
Shape:WV-GPB\*\*

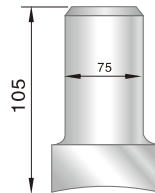


Die  
Round:WV-GDIRO  
Shape:WV-GDI\*\*

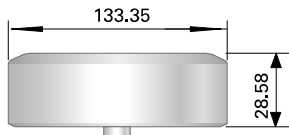


Stripper  
Round:WV-GSTRO  
Shape:WV-GST\*\*

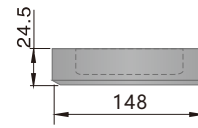
H STATION[88.9~104.8mm]



Punch  
Round:WV-HPBRO  
Shape:WV-HPB\*\*

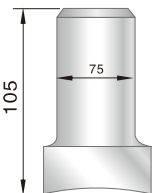


Die  
Round:WV-HDIRO  
Shape:WV-HDI\*\*

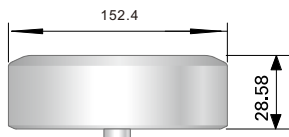


Stripper  
Round:WV-HSTRO  
Shape:WV-HST\*\*

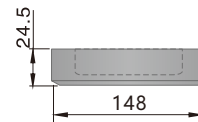
J STATION[104.8~120.65mm]



Punch  
Round:WV-JPBRO  
Shape:WV-JPB\*\*



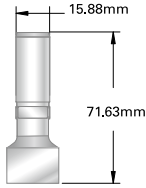
Die  
Round:WV-JDIRO  
Shape:WV-JDI\*\*



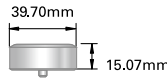
Stripper  
Round:WV-JSTRO  
Shape:WV-JST\*\*



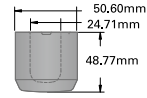
### B STATION (~25.4mm)



Punch  
Round:W2-BPBRO  
Shape:W2-BPB\*\*

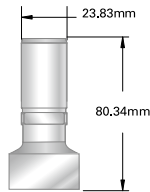


Die  
Round:W2-BDIRO  
Shape:W2-BDI\*\*

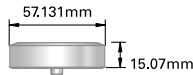


Stripper  
W2-BST

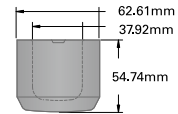
### C STATION [ 25.4~38.1mm]



Punch  
Round:W2-CPBRO  
Shape:W2-CPB\*\*

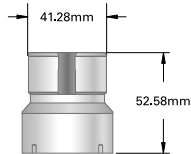


Die  
Round:W2-CDIRO  
Shape:W2-CDI\*\*

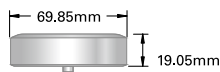


Stripper  
W2-CST

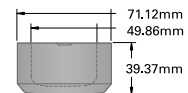
### D STATION(38.1~50.8mm)



Punch  
Round:W2-DPBRO  
Shape:W2-DPB\*\*



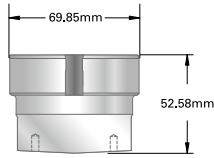
Die  
Round:W2-DDIRO  
Shape:W2-DDI\*\*



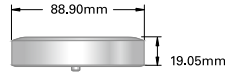
Stripper  
W2-DST



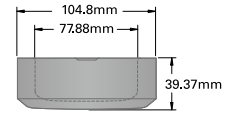
### E STATION (50.8~63.5mm)



Punch  
Round:W2-EPBRO  
Shape:W2-EPB\*\*

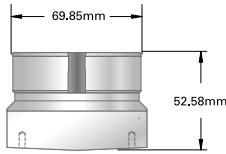


Die  
Round:W2-EDIRO  
Shape:W2-EDI\*\*

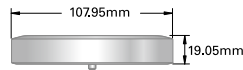


Stripper  
W2-EST

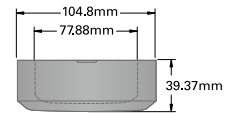
### F STATION(63.5~79.4mm)



Punch  
Round:W2-FPBRO  
Shape:W2-FPB\*\*

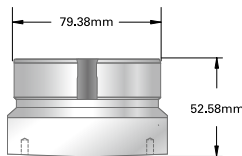


Die  
Round:W2-FDIRO  
Shape:W2-FDI\*\*

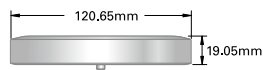


Stripper  
W2-FST

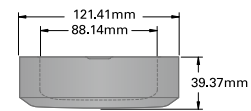
### G STATION(79.4~88.9mm)



Punch  
Round:W2-GPBRO  
Shape:W2-GPB\*\*



Die  
Round:W2-GDIRO  
Shape:W2-GDI\*\*

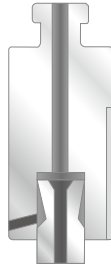


Stripper  
W2-GST

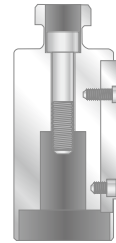
**1 1/4 TOOLING HOLDER**



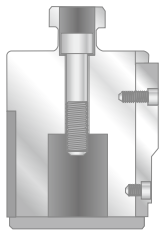
**XA STATION**  
CODE:W4-XPB



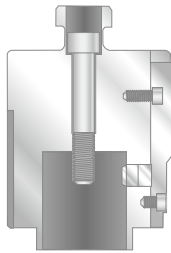
**IA STATION**  
CODE:W4-APB



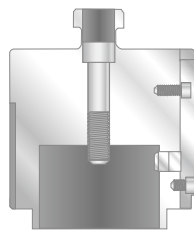
**B STATION**  
CODE:W4-BPB



**C STATION**  
CODE:W4-CPB



**D STATION**  
CODE:W4-DPB

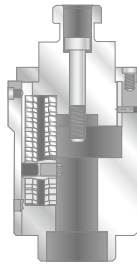


**EF STATION**  
CODE:W4-EPB

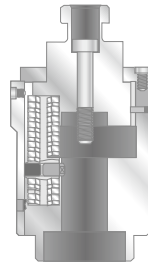
**VULCAN TOOLING HOLDER**



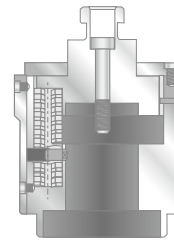
**A/B STATION**  
CODE:WV-APB



**C STATION**  
CODE:WV-CPB



**D STATION**  
CODE:WV-DPB



**E/F STATION**  
CODE:WV-EPB

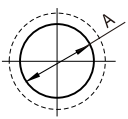
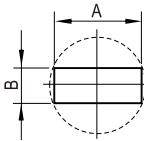
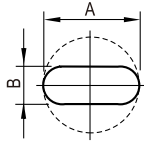
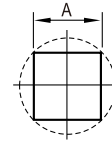
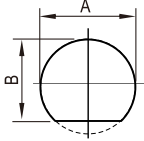
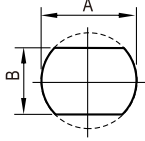
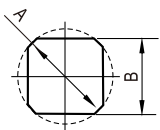
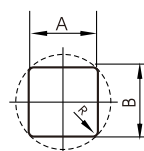
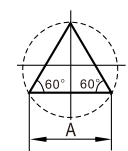
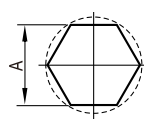
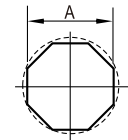
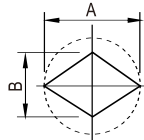
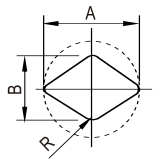
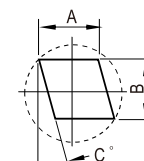
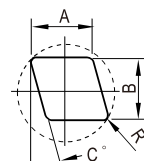
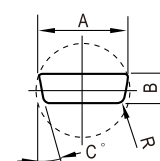
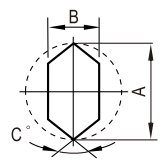
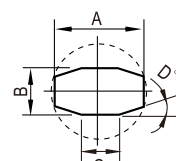
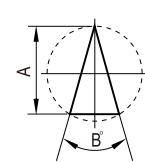
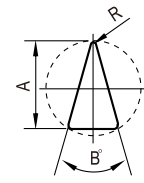
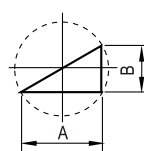
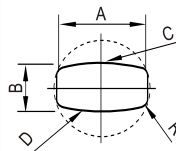
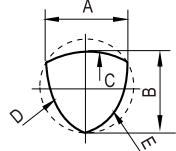
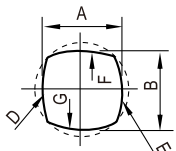
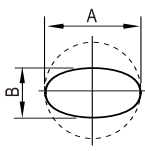
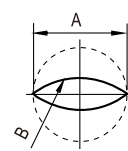
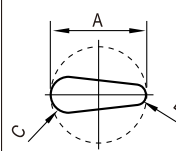
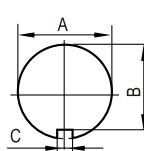
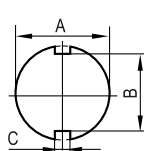
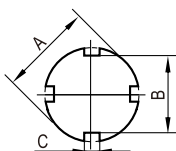


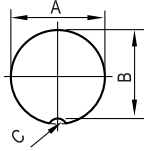
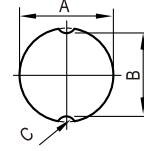
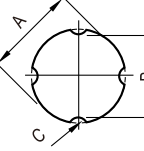
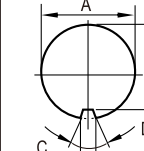
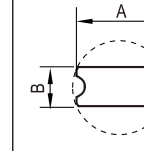
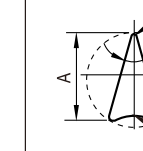
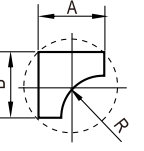
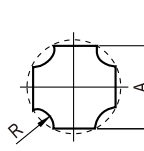
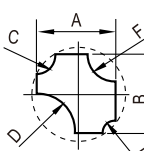
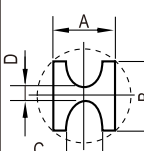
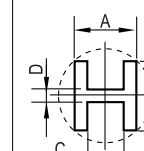
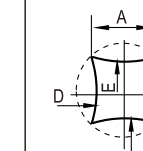
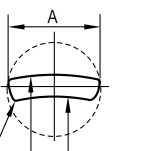
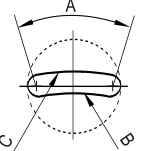
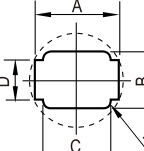
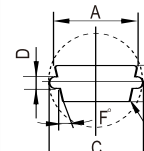
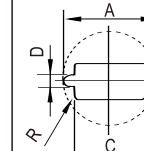
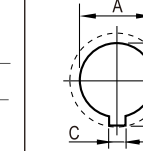
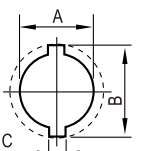
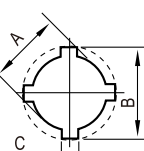
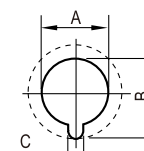
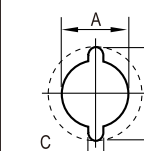
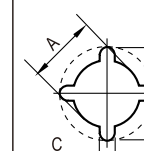
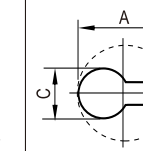
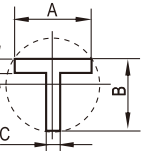
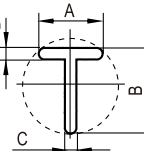
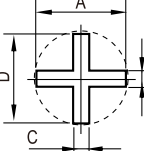
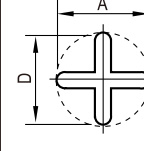
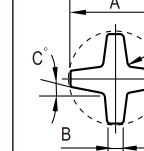
# CLAMP BASE ASSEMBLY

MACHINE MODEL	CLAMP ASS'Y
M2048	W4-48CA
M2044	W4-44CA
C3000	W4-30CA
C5000	W4-50CA



CLAMP

					
Code: RO	Code: RE	Code: OB	Code: SQ	Code: SD	Code: DD
Name: Round	Name: Rectangle	Name: Oblong	Name: Square	Name: Single D	Name: Double D
size: A	size: B/A	size: B/A	size: A	size: B/A	size: B/A
					
Code: QD	Code: QR	Code: ET	Code: HX	Code: OT	Code: A0
Name: Quad D	Name: Quad R	Name: Equi.triangle	Name: Hexagon	Name: Octagon	Name: Diamond
size: B/A	size: B/A/A	size: A	size: A	size: A	size: B/A
					
Code: A1	Code: A2	Code: A3	Code: A4	Code: A5	Code: A6
Name: Diamond	Name: Diamond	Name: Diamond	Name: Cable connector	Name: Eix edge	Name: Eight edge
size: B/A/R	size: B/A/C	size: B/A/C/R	size: B/A/C/R	size: B/A/C	size: C/B/A/D
					
Code: A7	Code: A8	Code: A9	Code: B0	Code: B1	Code: B2
Name: Triangle	Name: Tri.with R	Name: Right Tri.	Name: Double R	Name: Tri-R	Name: Quad-R
size: B/A	size: A/B/R	size: B/A	size: B/A/C/D/R	size: B/A/C/D/E	size: B/A/D/E/F/G
					
Code: B3	Code: B4	Code: B5	Code: C0	Code: C1	Code: C2
Name: Ellipse	Name: Football	Name: Keyhole	Name: Keyway	Name: Double keyway	Name: Quad keyway
size: B/A/C/R	size: A/B	size: A/B/C	size: C/B/A	size: C/B/A	size: C/B/A

					
Code: C3	Code: C4	Code: C5	Code: C6	Code: C7	Code: D0
Name: keyway	Name: Double-keyway	Name: Quad-keyway	Name: Keyway	Name: Micro-joint	Name: Triangle with R
size: C/B/A	size: C/B/A	size: C/B/A	size: C/B/A/D	Size: B/A	size: A/B/C/R
					
Code: D1	Code: D2	Code: D3	Code: D4	Code: D5	Code: E0
Name: One way radius	Name: Four way radius	Name: Four way	Name: H with radius	Name: H shape	Name: Four Radius
size: B/A/R	size: A/R	size: A/B/C/D/E/F	size: D/C/B/A	size: D/C/A/B	size: A/B/C/D/E
					
Code: E1	Code: E2	Code: E3	Code: E4	Code: E5	Code: E6
Name: Banana	Name: Banana	Name: Connector	Name: Connector	Name: Connector	Name: Keyhole
size: A/C/D/R	size: B/C/A	size: D/B/C/A/R	size: D/B/A/C/F/R	size: D/B/C/A/R	size: C/A/B
					
Code: E7	Code: E8	Code: F0	Code: F1	Code: F2	Code: F3
Name: Keyhole	Name: Keyhole	Name: Keyhole	Name: Keyhole	Name: Keyhole	Name: Keyhole
size: C/A/B	size: C/A/B	size: C/A/B	size: C/A/B	size: C/A/B	size: B/C/A
					
Code: F4	Code: F5	Code: F6	Code: F7	Code: F8	
Name: T shape	Name: T shape	Name: Cross	Name: Cross	Name: Cross	
size: D/C/B/A	size: D/C/A/B	size: C/B/D/A	size: B/A/D	size: B/A/C/D/R	

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