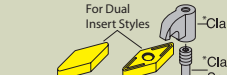
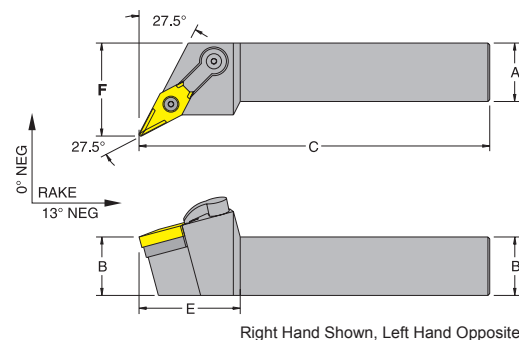
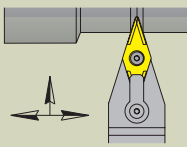
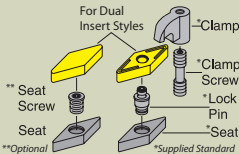




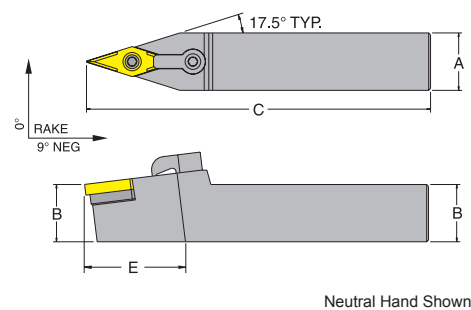
			MVTN R/L Toolholder Style N- Negative 27.5° End Cutting Edge Angle for negative 35° diamond VNM_ inserts					 For Dual Insert Styles *Clamp *Clamp Screw *Lock Pin *Seat **Seat Screw **Optional *Supplied Standard					
Inch Description	Part No. 733101- R.H.	L.H.	A	B	C	E	F	VNM_ Gage Insert	Seat	Lock Pin	Clamp	Clamp Screw	Optional Seat Screw
MVTNR/L 12-3B	51134	51135	0.75	0.75	4.50	1.625	1.00	332	IVSN-322	NL-34L	CL-30	XNS-510	S-34
MVTNR/L 16-3C	51138	51139	1.00	1.00	5.00	1.625	1.25						
MVTNR/L 16-3D	51142	51143	1.00	1.00	6.00	1.625	1.25						
MVTNR/L 20-3D	51146	51147	1.25	1.25	6.00	1.625	1.50						
MVTNR/L 24-3E	51150	51151	1.50	1.50	7.00	1.625	1.75						

For inserts see PAGES 16-33. For spare parts see PAGES 112-113.



		MVVN N Toolholder Style V- 17.5° Side Cutting Edge Angle for negative 35° diamond VNM_ inserts									
Inch Description	Part No. 733101-	A	B	C	E	VNM_ Gage Insert	Seat	Lock Pin	Clamp	Clamp Screw	Optional Seat Screw
MVVNN12-3B	51160	0.75	0.75	4.50	1.75	332	IVSN-322	NL-34L	CL-30	XNS-510	S-34
MVVNN16-3C	51162	1.00	1.00	5.00	1.75						
MVVNN16-3D	51164	1.00	1.00	6.00	1.75						
MVVNN16-4C	51166	1.00	1.00	5.00	2.25	432	IVSN-433	NL-46	CL-30	XNS-510	S-46
MVVNN16-4D	51168	1.00	1.00	6.00	2.25						

For inserts see PAGES 16-33. For spare parts see PAGES 112-113.



Cam Lock Toolholders

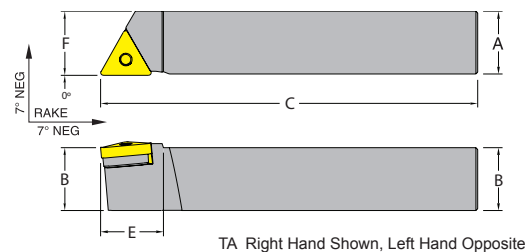
TA

R/L Toolholder

Style A- 0° Side Cutting

Edge Angle for negative triangle TNM_ inserts

Part No. 733101-										
Description	R.H.	L.H.	A	B	C	E	F	TNM_ Gage Insert	Cam Lock Pin	Seat
TAR/L08-2B	54401	54402	0.500	0.500	4.500	-	0.516	221	CLP-14	-
TAR/L10-3B	54407	54408	0.625	0.625	4.500	0.750	0.641	322	CLP-25	TSN-324
TAR/L12-3B	54411	54412	0.750	0.750	4.500	0.750	0.766			
TAR/L16-4D	54417	54418	1.000	1.000	6.000	1.000	1.016	432	CLP-38	TSN-435



TE

N Toolholder

Style E- 30° Side Cutting

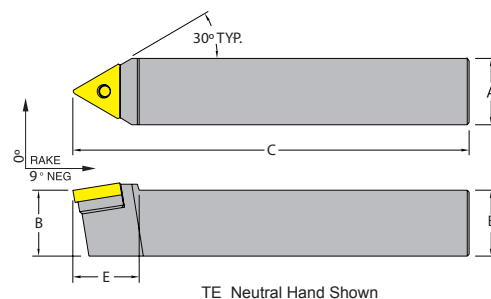
Edge Angle for negative triangle TNM_ inserts

Insert

Cam Lock Pin

Seat

Description	Part No. 733101-	A	B	C	E	F	TNM_	Cam Lock Pin	Seat
	Neutral						Gage Insert		
TE08-2B	54423	0.500	0.500	4.500	-	-	-221	CLP-14	-
TE10-3B	54428	0.625	0.625	4.500	0.750	-	TNM_-322	CLP-25	TSN-324
TE12-3B	54431	0.750	0.750	4.500	0.750	-			
TE16-4D	54436	1.000	1.000	6.000	1.000	-	TNM_-432	CLP-38	TSN-435



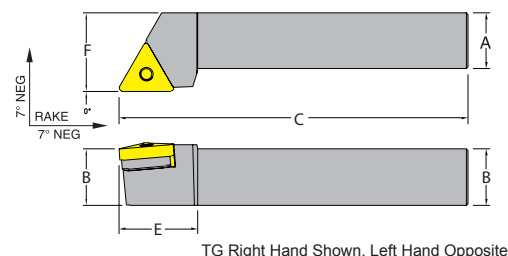
TG

R/L Toolholder

Style G- 0° Side Cutting

Edge Angle for negative triangle TNM_ inserts

Description	Part No. 733101-		A	B	C	E	F	TNM_		
	R.H.	L.H.						Gage Insert	Cam Lock Pin	Seat
TGR/L08-2B	54441	54442	0.500	0.500	4.50	0.688	0.750	221	CLP-14	-
TGR/L10-3B	54447	54448	0.625	0.625	4.50	0.875	0.875	322	CLP-25	TSN-324
TGR/L12-3B	54451	54452	0.750	0.750	4.50	0.875	1.000			
TGR/L16-4D	54457	54458	1.000	1.000	6.00	1.125	1.250	432	CLP-38	TSN-435



For inserts see PAGES 16-33. For spare parts see PAGES 112-113.