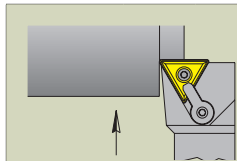


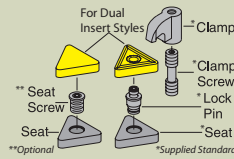


Multi-Lock Toolholders

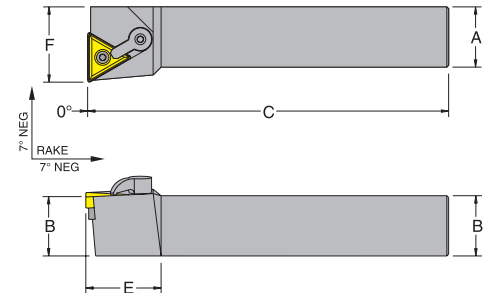


MTFN R/L Toolholder

Style F- 0° End Cutting
Edge Angle for negative triangle TNM_ inserts

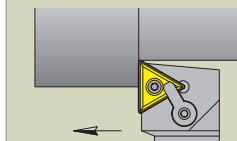


Inch Description	Part No. 733101-		A	B	C	E	F	TNM_ Gage Insert	Seat	Lock Pin	Clamp	Clamp Screw	Optional Seat Screw
	R.H.	L.H.											
MTFNR/L08-2A	50722	50723	0.500	0.500	4.00	0.875	0.750	221	-	NL-23	CL-19	XNS-36	-
MTFNR/L10-2B	50726	50727	0.625	0.625	4.50	0.875	0.875						
MTFNR/L12-2B	50730	50731	0.750	0.750	4.50	0.875	1.000						
MTFNR/L10-3B	50734	50735	0.625	0.625	4.50	1.000	0.875	322	ITSN-333	NL-34L	CL-6	XNS-36	S-34
MTFNR/L12-3B	50738	50739	0.750	0.750	4.50	1.000	1.000						
MTFNR/L16-3C	50742	50743	1.000	1.000	5.00	1.000	1.250	332	ITSN-322	NL-34L	CL-6	XNS-36	S-34
MTFNR/L16-3D	50746	50747	1.000	1.000	6.00	1.000	1.250						
MTFNR/L16-4C	50750	50751	1.000	1.000	5.00	1.250	1.250						
MTFNR/L16-4D	50754	50755	1.000	1.000	6.00	1.250	1.250						
MTFNR/L20-4D	50758	50759	1.250	1.250	6.00	1.250	1.500	432	ITSN-433	NL-46	CL-9	XNS-510	S-46
MTFNR/L24-4E	50762	50763	1.500	1.500	7.00	1.250	2.000						
MTFNR/L85-4D	50766	50767	1.000	1.250	6.00	1.250	1.250						
MTFNR/L86-4E	50768	50769	1.000	1.500	7.00	1.250	1.250						
MTFNR/L16-5C	50770	50771	1.000	1.000	5.00	1.375	1.250						
MTFNR/L16-5D	50774	50775	1.000	1.000	6.00	1.375	1.250						
MTFNR/L20-5D	50778	50779	1.250	1.250	6.00	1.375	1.500	543	ITSN-533	NL-58	CL-12	XNS-510	S-58
MTFNR/L24-5E	50782	50783	1.500	1.500	7.00	1.375	2.000						
MTFNR/L85-5D	50786	50787	1.000	1.250	6.00	1.375	1.250						
MTFNR/L86-5E	50790	50791	1.000	1.500	7.00	1.375	1.250						
MTFNR/L24-6E	50792	50793	1.500	1.500	7.00	1.500	2.000	663	ITSN-636	NL-68L	CL-12	XNS-510	S-68



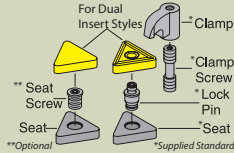
Right Hand Shown, Left Hand Opposite

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

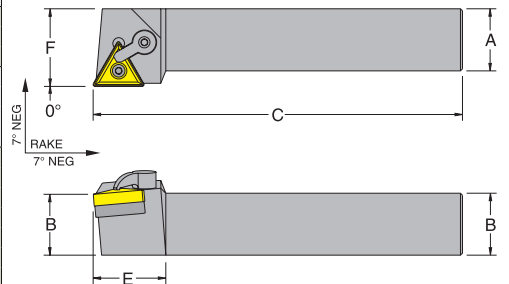


MTGN R/L Toolholder

Style G- 0° Side Cutting
Edge Angle for negative triangle TNM_ inserts

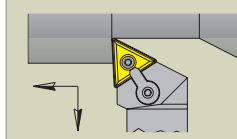


Inch Description	Part No. 733101-		A	B	C	E	F	TNM_ Gage Insert	Seat	Lock Pin	Clamp	Clamp Screw	Optional Seat Screw
	R.H.	L.H.											
MTGNR/L08-2A	50802	50803	0.500	0.500	4.00	0.875	0.625	221	-	NL-23	CL-19	XNS-36	-
MTGNR/L10-2B	50806	50807	0.625	0.625	4.50	0.875	0.750						
MTGNR/L12-2B	50808	50809	0.750	0.750	4.50	0.875	0.875						
MTGNR/L10-3B	50810	50811	0.625	0.625	4.50	1.000	0.875	322	ITSN-333	NL-34L	CL-6	XNS-36	S-34
MTGNR/L12-3B	50814	50815	0.750	0.750	4.50	1.000	1.000						
MTGNR/L16-3C	50818	50819	1.000	1.000	5.00	1.000	1.250	332	ITSN-322	NL-34L	CL-6	XNS-36	S-34
MTGNR/L16-3D	50822	50823	1.000	1.000	6.00	1.000	1.250						
MTGNR/L16-4C	50826	50827	1.000	1.000	5.00	1.375	1.250						
MTGNR/L16-4D	50830	50831	1.000	1.000	6.00	1.375	1.250						
MTGNR/L20-4D	50834	50835	1.250	1.250	6.00	1.375	1.500	432	ITSN-433	NL-46	CL-9	XNS-510	S-46
MTGNR/L24-4D	50836	50837	1.500	1.500	6.00	1.375	2.000						
MTGNR/L24-4E	50838	50839	1.500	1.500	7.00	1.375	2.000						
MTGNR/L85-4D	50842	50843	1.000	1.250	6.00	1.375	1.250						
MTGNR/L86-4E	50846	50847	1.000	1.500	7.00	1.375	1.250						
MTGNR/L16-5C	50850	50851	1.000	1.000	5.00	1.500	1.250						
MTGNR/L16-5D	50854	50855	1.000	1.000	6.00	1.500	1.250						
MTGNR/L20-5D	50858	50859	1.250	1.250	6.00	1.500	1.500	543	ITSN-533	NL-58	CL-9	XNS-510	S-58
MTGNR/L24-5E	50862	50863	1.500	1.500	7.00	1.500	2.000						
MTGNR/L85-5D	50866	50867	1.000	1.250	6.00	1.500	1.250						
MTGNR/L86-5E	50870	50871	1.000	1.500	7.00	1.500	1.250						
MTGNR/L24-6E	50872	50873	1.500	1.500	7.00	1.750	2.000	663	ITSN-636	NL-68L	CL-12	XNS-510	S-68



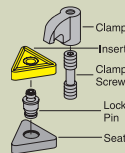
Right Hand Shown, Left Hand Opposite

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

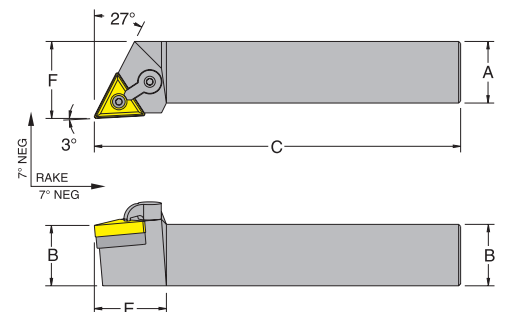


MTJN R/L Toolholder

Style J- 3° Side Cutting
Edge Angle for negative triangle TNM_ inserts



Inch Description	Part No. 733101-		A	B	C	E	F	TNM_ Gage Insert	Seat	Lock Pin	Clamp	Clamp Screw	Optional Seat Screw
	R.H.	L.H.											
MTJNR/L08-2A	50882	50883	0.500	0.500	4.00	1.000	0.625	221	-	NL-23	CL-19	XNS-36	-
MTJNR/L10-2B	50886	50887	0.625	0.625	4.50	1.000	0.750						
MTJNR/L10-3B	50890	50891	0.625	0.625	4.50	1.000	0.875	322	ITSN-333	NL-34L	CL-6	XNS-36	S-34
MTJNR/L12-3B	50894	50895	0.750	0.750	4.50	1.000	1.000	332	ITSN-322	NL-34L	CL-6	XNS-36	S-34
MTJNR/L16-3D	50898	50899	1.000	1.000	6.00	1.000	1.250						
MTJNR/L16-4D	50902	50903	1.000	1.000	6.00	1.250	1.250						
MTJNR/L20-4D	50906	50907	1.250	1.250	6.00	1.250	1.500	432	ITSN-433	NL-46	CL-9	XNS-510	S-46
MTJNR/L20-4E	50908	50909	1.250	1.250	7.00	1.250	1.500						
MTJNR/L85-4D	50910	50911	1.000	1.250	6.00	1.250	1.250						
MTJNR/L16-5D	50914	50915	1.000	1.000	6.00	1.500	1.250						
MTJNR/L20-5D	50918	50919	1.250	1.250	6.00	1.500	1.500						
MTJNR/L24-5E	50922	50923	1.500	1.500	7.00	1.500	2.000	543	ITSN-533	NL-58	CL-9	XNS-510	S-58
MTJNR/L85-5D	50926	50927	1.000	1.250	6.00	1.500	1.250						
MTJNR/L86-5E	50930	50931	1.000	1.500	7.00	1.500	1.250						
MTJNR/L24-6E	50934	50935	1.500	1.500	7.00	1.625	2.000	663	ITSN-636	NL-68L	CL-12	XNS-510	S-68



Right Hand Shown, Left Hand Opposite

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