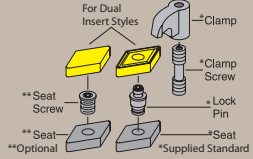
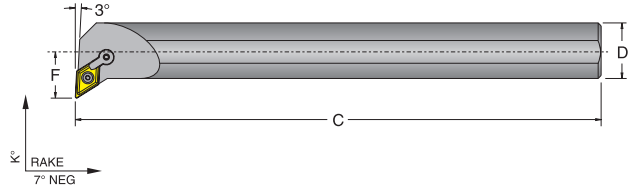


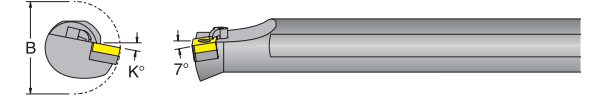
**S-MDUN
R/L Boring Bar**

Style U - Negative 3°
End Cutting Edge Angle
for negative 55°
diamond DNM_ inserts



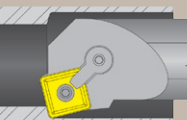


RAKE
7° NEG



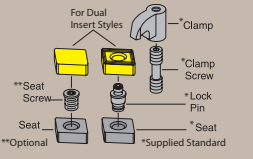
Inch Description	Part No. 733101-		Min. Bore					DNM_ Gage					Optional				
	R.H.	L.H.	B	C	D	F	K°	Insert	Seat	Lock Pin	Clamp	Clamp Screw	Seat Screw				
S16T-MDUNR/L-3	55066	55067	1.300	12.0	1.00	0.750	11°	332	-	NL-33	CL-7	XNS-36	-				
S20U-MDUNR/L-4	55070	55071	2.00	14.0	1.25	1.000	11°	432	IDSN-433	NL-46	CL-12	XNS-59	S-46				
S24U-MDUNR/L-4	55074	55075	2.25	14.0	1.50	1.125	11°										
S28U-MDUNR/L-4	55078	55079	2.50	14.0	1.75	1.250	11°										
S32V-MDUNR/L-4	55082	55083	3.00	16.0	2.00	1.375	11°										
S28U-MDUNR/L-5	55086	55087	2.75	14.0	1.75	1.375	11°	543	IDSN-533	NL-58	CL-30	XNS-510	S-58				
S32V-MDUNR/L-5	55090	55091	3.00	16.0	2.00	1.500	11°										
S36V-MDUNR/L-5	55094	55095	3.25	16.0	2.25	1.625	11°										
S40V-MDUNR/L-5	55098	55099	3.50	16.0	2.50	1.750	11°										

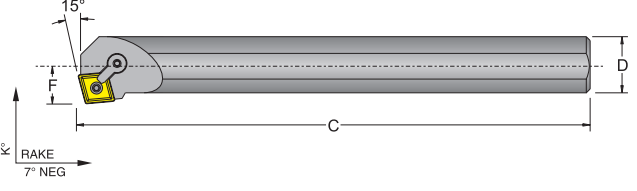
For inserts see PAGES 16-33. For spare parts see PAGES 108-109.



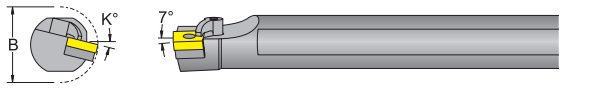
**S-MSKN
R/L Boring Bar**

Style K - 15° End
Cutting Edge Angle
for negative
square SNM_ inserts



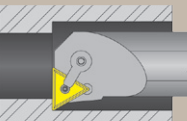


RAKE
7° NEG



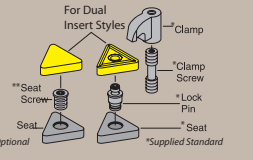
Inch Description	Part No. 733101-		Min. Bore					SNM_ Gage					Optional				
	R.H.	L.H.	B	C	D	F	K°	Insert	Seat	Lock Pin	Clamp	Clamp Screw	Seat Screw				
S20U-MSKNR/L-4	55100	55101	1.47	14.0	1.25	0.765	14°	432	-	NL-44	CL-20	XNS-47	-				
S24U-MSKNR/L-4	55102	55103	1.76	14.0	1.50	0.890	10°	432	ISSN-433	NL-46	CL-20	XNS-47	S-46				
S28U-MSKNR/L-4	55104	55105	2.01	14.0	1.75	1.015	10°										
S32V-MSKNR/L-6	55106	55107	2.40	16.0	2.00	1.281	12°	643	ISSN-633	NL-68	CL-12	XNS-510	S-68				
S40V-MSKNR/L-6	55108	55109	3.03	16.0	2.50	1.531	10°										

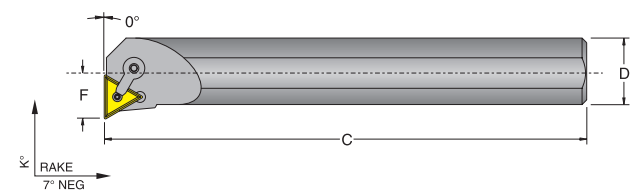
For inserts see PAGES 16-33. For spare parts see PAGES 108-109.



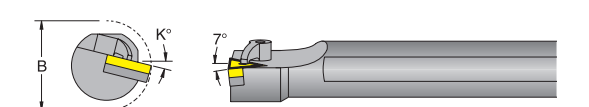
**S-MTFN
R/L Boring Bar**

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





RAKE
7° NEG



Inch Description	Part No. 733101-		Min. Bore					TNM_ Gage					Optional				
	R.H.	L.H.	B	C	D	F	K°	Insert	Seat	Lock Pin	Clamp	Clamp Screw	Seat Screw				
S12S-MTFNR/L-3	55150	55151	1.000	10.0	0.75	0.500	14°	322	-	NL-33	CL-7	XNS-36	-				
S16T-MTFNR/L-3	55154	55155	1.280	12.0	1.00	0.640	14°	322	ITSN-333	NL-34L	CL-7	XNS-36	S-34				
S20U-MTFNR/L-3	55158	55159	1.530	14.0	1.25	0.765	14°										
S24U-MTFNR/L-3	55162	55163	1.780	14.0	1.50	0.890	11°										
S28U-MTFNR/L-3	55166	55167	2.030	14.0	1.75	1.015	11°										
S20U-MTFNR/L-4	55170	55171	1.530	14.0	1.25	0.765	14°	432	ITSN-433	NL-46	CL-9	XNS-59	S-46				
S24U-MTFNR/L-4	55174	55175	2.060	14.0	1.50	0.890	11°										
S28U-MTFNR/L-4	55178	55179	2.312	14.0	1.75	1.156	11°										
S32V-MTFNR/L-4	55182	55183	2.562	16.0	2.00	1.281	11°										
S36V-MTFNR/L-4	55186	55187	2.812	16.0	2.25	1.406	11°										
S40V-MTFNR/L-4	55190	55191	3.062	16.0	2.50	1.531	11°										
S48Y-MTFNR/L-4	55194	55195	3.562	18.0	3.00	1.781	11°										

For inserts see PAGES 16-33. For spare parts see PAGES 108-109.