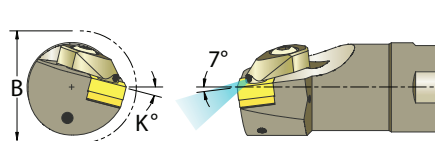
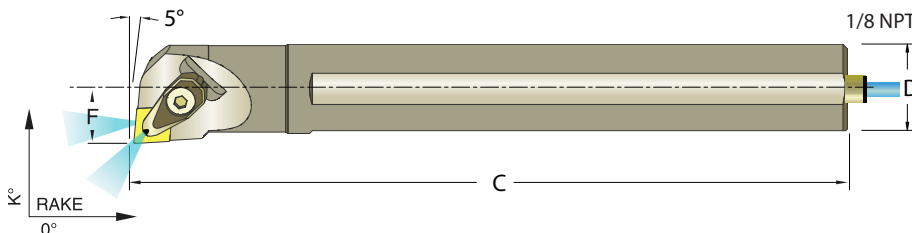


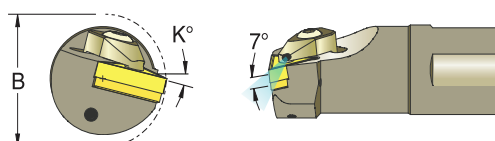
AS-ADCLN R/L Boring Bar Style L - Negative 5° side & end cutting lead angle for negative 80° diamond CNM_inserts


Right Hand Shown, Left Hand Opposite

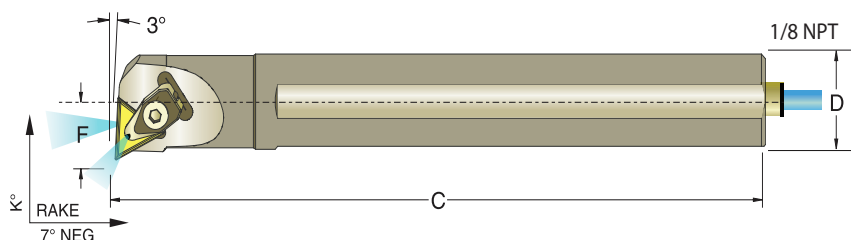


Inch Description	Part No. 733101-		B	C	D	F	K°	CNM_ Gage Insert	Seat	Seat Screw	Dor-Lock Clamp	Clamp Screw	Upper 'O' Ring	Lower 'O' Ring	Chip Flush Plug
	R.H.	L.H.													
AS-12R-ADCLNR/L-3	53120	53121	1.000	8.00	0.75	0.500	10°	322	N/A	N/A	JSLC-HPCTW-4N	JSCS-03	JSOR-03	JSOR-06	JSPN-M3
AS-16R-ADCLNR/L-4	53122	53123	1.280	8.00	1.00	0.640	14°	432	S8012P	SM-M4	JSLC-HPCTW-4N	JSCS-04	JSOR-01	JSOR-04	JSPN-M6
AS-20S-ADCLNR/L-4	53124	53125	1.530	10.00	1.25	0.765	14°	432	S8012P	SM-M4	JSLC-HPCTW-4N	JSCS-04	JSOR-01	JSOR-04	JSPN-M6
AS-24S-ADCLNR/L-4	53126	53127	1.780	10.00	1.50	0.890	11°	432	S8012P	SM-M4	JSLC-HPCTW-4N	JSCS-04	JSOR-01	JSOR-04	JSPN-M6
AS-32T-ADCLNR/L-4	53128	53129	2.562	12.00	2.00	1.281	11°	432	S8012P	SM-M4	JSLC-HPCTW-4N	JSCS-04	JSOR-01	JSOR-04	JSPN-M6
AS-32T-ADCLNR/L-5	53130	53131	2.562	12.00	2.00	1.281	11°	543	ICSN-533	SM-M6	JSLC-HPCTW-4N	JSCS-04	JSOR-01	JSOR-04	JSPN-M6

One standard coolant connector kit with tubing is supplied, see pg 41 for details and high pressure coolant fitting. For spare parts see page 45.

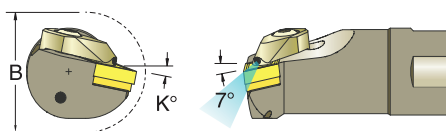
AS-ADTUN R/L Boring Bar Style U - Negative 3° end cutting lead angle for negative triangle TNM_inserts


Right Hand Shown, Left Hand Opposite

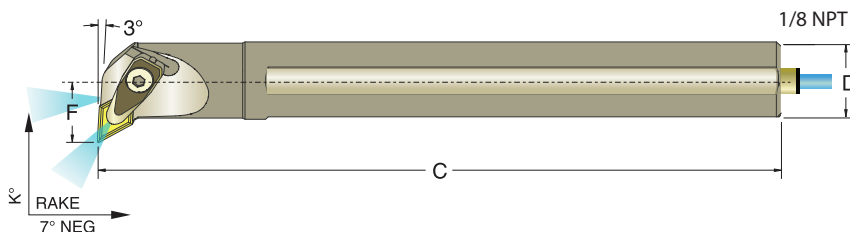


*Right clamp for right hand toolholder. Left clamp for left hand toolholder

Inch Description	Part No. 733101-		B	C	D	F	K°	TNM_ Gage Insert	Seat	Seat Screw	Dor-Lock Clamp	Clamp Screw	Upper 'O' Ring	Lower 'O' Ring	Chip Flush Plug
	R.H.	L.H.													
AS-12R-ADTUNR/L-3	53172	53173	1.000	8.00	0.75	0.500	14°	322	N/A	N/A	*JSLC-HPDT3-BR/L	JSCS-03	JSOR-03	JSOR-06	JSPN-M3
AS-16R-ADTUNR/L-3	53174	53175	1.280	8.00	1.00	0.640	14°	332	ITSN-322	SM-M3	*JSLC-HPDT3-BR/L	JSCS-03	JSOR-03	JSOR-06	JSPN-M3
AS-20S-ADTUNR/L-4	53176	53177	1.530	10.00	1.25	0.765	14°	432	ITSN-433	SM-S4	*JSLC-HPTW4R/L	JSCS-04	JSOR-01	JSOR-04	JSPN-M6
AS-24S-ADTUNR/L-4	53178	53179	2.060	10.00	1.50	0.890	11°	432	ITSN-433	SM-S4	*JSLC-HPTW4R/L	JSCS-04	JSOR-01	JSOR-04	JSPN-M6
AS-32T-ADTUNR/L-4	53180	53181	2.562	12.00	2.00	1.281	11°	432	ITSN-433	SM-S4	*JSLC-HPTW4R/L	JSCS-04	JSOR-01	JSOR-04	JSPN-M6

AS-ADDUN R/L Boring Bar Style U - Negative 3° end cutting lead angle for negative 55° diamond DNM_inserts


Right Hand Shown, Left Hand Opposite



*Right clamp for right hand toolholder. Left clamp for left hand toolholder

Inch Description	Part No. 733101-		B	C	D	F	K°	DNM_ Gage Insert	Seat	Seat Screw	Dor-Lock Clamp	Clamp Screw	Upper 'O' Ring	Lower 'O' Ring	Chip Flush Plug
	R.H.	L.H.													
AS-16R-ADDUNR/L-3	53137	53138	1.300	8.00	1.00	0.750	11°	332	S5511P	SM-M3	*JSLC-HPDT3-BR/L	JSCS-03	JSOR-03	JSOR-06	JSPN-M3
AS-20S-ADDUNR/L-4	53139	53140	2.000	10.00	1.25	1.000	11°	432	IDSN-433	SM-S4	JSLC-HPD4	JSCS-04	JSOR-01	JSOR-04	JSPN-M6
AS-24S-ADDUNR/L-4	53141	53142	2.250	10.00	1.50	1.125	11°	432	IDSN-433	SM-S4	JSLC-HPD4	JSCS-04	JSOR-01	JSOR-04	JSPN-M6
AS-32T-ADDUNR/L-4	53143	53144	3.000	12.00	2.00	1.375	11°	432	IDSN-433	SM-S4	JSLC-HPD4	JSCS-04	JSOR-01	JSOR-04	JSPN-M6

One standard coolant connector kit with tubing is supplied, see pg 41 for details and high pressure coolant fitting. For spare parts see page 45.