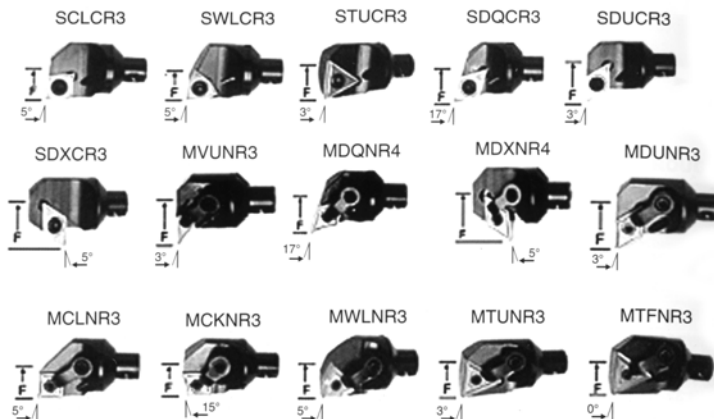
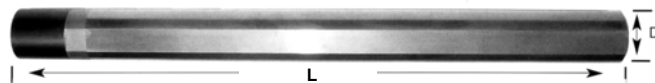
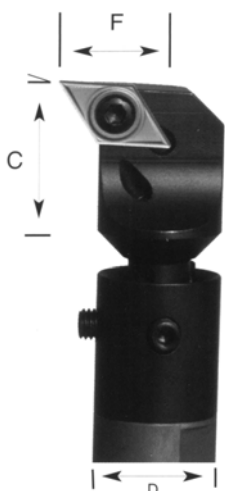


MODULAR BORING BAR HEADS

MODULAR HEAD BORING BARS COOLANT THROUGH SHANKS AND HEADS



Shank Dia D = 0.750

Using Insert	F	Min Bore	BORING BAR SHANKS			MODULAR HEADS			
			CARBIDE SHANK Part Number	HEAVY METAL SHANK Part Number	STEEL SHANK Part Number	Part Number (Right/Left)	Price Each	Insert Screw	Wrench
CCMT 32.51	0.500	0.930	UD-MB1295	UD-MBH1295	UD-MBS1295	UD-MH12-SCLCR/L3	\$69.00	MTS 35	T15
WCMT 32.51	0.500	0.930				UD-MH12-SWLCR/L3	\$69.00		
TCMT 32.51	0.500	0.930				UD-MH12-STUCR/L3	\$69.00		
DCMT 32.52	0.562	1.120	\$369.00 Each	\$388.00 Each	\$124.00 Each	UD-MH12-SDQCR/L3	\$79.00	MTS 35	T15
DCMT 32.52	0.625	.9300				UD-MH12-SDUCR/L3	\$79.00		
DCMT 32.52	0.625	.9800				UD-MH12-SDXCR/L3	\$89.00		

Using Insert	F	Min Bore	BORING BAR SHANKS			MODULAR HEADS				
			CARBIDE SHANK Part Number	HEAVY METAL SHANK Part Number	STEEL SHANK Part Number	Part Number (Right/Left)	Price Each	Lock Pin	Clamp	Clamp Screw
CNMG 322	0.500	0.963	UD-MB1295	UD-MBH1295	UD-MBS1295	UD-MH12-MCLNR/L3	\$89.00	NL 33	CL 7	XNS 36
CNMG 322	0.500	0.963				UD-MH12-MCKNR/L3	\$89.00			
WNMG 332	0.500	0.963				UD-MH12-MWLNR/L3	\$89.00			
TNMG 332	0.500	0.963	\$369.00 Each	\$388.00 Each	\$124.00 Each	UD-MH12-MTUNR/L3	\$89.00	NL 33L	CL 7	XNS 36
TNMG 332	0.500	0.963				UD-MH12-MTFNR/L3	\$89.00			
DNMG 332	0.625	1.000				UD-MH12-MDUNR/L3	\$89.00			

Shank Dia D = 1.000

Using Insert	F	Min Bore	BORING BAR SHANKS			MODULAR HEADS			
			CARBIDE SHANK Part Number	HEAVY METAL SHANK Part Number	STEEL SHANK Part Number	Part Number (Right/Left)	Price Each	Insert Screw	Wrench
CCMT 32.51	0.625	1.20	UD-MB1612	UD-MBH1612	UD-MBS1612	UD-MH16-SCLCR/L3	\$89.00	MTS 35	T15
WCMT 32.51	0.625	1.20				UD-MH16-SWLCR/L3	\$89.00		
TCMT 32.51	0.625	1.20				UD-MH16-STUCR/L3	\$89.00		
DCMT 32.52	0.750	1.50	\$579.00 Each	\$568.00 Each	\$145.00 Each	UD-MH16-SDQCR/L3	\$89.00	MTS 35	T15
DCMT 32.52	0.750	1.30				UD-MH16-SDUCR/L3	\$89.00		
DCMT 32.52	0.750	1.30				UD-MH16-SDXCR/L3	\$95.00		

Using Insert	F	Min Bore	BORING BAR SHANKS			MODULAR HEADS				
			CARBIDE SHANK Part Number	HEAVY METAL SHANK Part Number	STEEL SHANK Part Number	Part Number (Right/Left)	Price Each	Lock Pin	Clamp	Clamp Screw
CNMG 322	0.640	1.24	UD-MB1612	UD-MBH1612	UD-MBS1612	UD-MH16-MCLNR/L3	\$99.00	NL 33	CL 7	XNS 36
CNMG 432	0.640	1.24				UD-MH16-MCLNR/L4	\$99.00			
WNMG 332	0.640	1.24				UD-MH16-MWLNR/L3	\$99.00			
WNMG 432	0.640	1.24				UD-MH16-MWLNR/L4	\$99.00			
CNMG 322	0.640	1.24				UD-MH16-MCKNR/L3	\$99.00			
CNMG 322	0.640	1.24				UD-MH16-MTFNR/L3	\$99.00			
TNMG 332	0.640	1.24	\$579.00 Each	\$568.00 Each	\$145.00 Each	UD-MH16-MTUNR/L3	\$99.00	NL 33L	CL 7	XNS 36
TNMG 332	0.640	1.24				UD-MH16-MDUNR/L3	\$109.00			
DNMG 332	0.750	1.30				UD-MH16-MDUNR/L3	\$109.00			

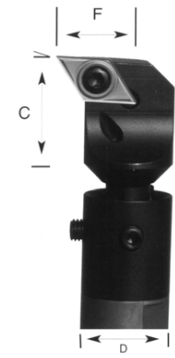
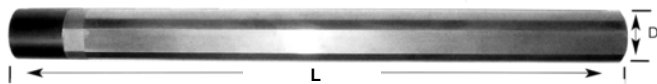
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MODULAR BORING BAR HEADS

B

MODULAR HEAD BORING BARS COOLANT THROUGH SHANKS AND HEADS



Shank Dia D = 1.250

Using Insert	F	Min Bore	BORING BAR SHANKS			MODULAR HEADS					
			CARBIDE SHANK Part Number	HEAVY METAL SHANK Part Number	STEEL SHANK Part Number	Part Number (Right/Left)	Price Each	Lock Pin	Clamp	Clamp Screw	Shim
TNMG 332	0.765	1.53	UD-MB2014 L=14.00" D=1.250"	UD-MBH2014 L=12.00" D=1.250"	UD-MBS2014 L=14.00" D=1.250"	UD-MH20-MTFNR/L3	\$119.00	NL 34L	CL 7	XNS 36	ITSN 323
TNMG 332	0.765	1.53				UD-MH20-MTUNR/L3	\$119.00				
VNMG 332	1.000	1.57				UD-MH20-MVUNR/L3	\$134.00				
CNMG 432	0.765	1.47				UD-MH20-MCLNR/L4	\$134.00				
CNMG 432	0.755	1.47				UD-MH20-MCKNR/L4	\$134.00				
WNMG 432	0.765	1.47				UD-MH20-MWLNLR/L4	\$134.00				
DNMG 432	1.000	1.70	\$1176.00 Each	\$884.00 Each	\$188.00 Each	UD-MH20-MDQNR/L4	\$144.00	NL 46	CL 20	XNS 47	IWSN 433
DNMG 432	1.000	1.70	UD-MH20-MDUNR/L4	\$144.00							
DNMG 432	1.000	1.70	UD-MH20-MDXNR/L4	\$169.00							

Shank Dia D = 1.500

Using Insert	F	Min Bore	BORING BAR SHANKS			MODULAR HEADS					
			CARBIDE SHANK Part Number	HEAVY METAL SHANK Part Number	STEEL SHANK Part Number	Part Number (Right/Left)	Price Each	Lock Pin	Clamp	Clamp Screw	Shim
TNMG 332	0.89	1.71	UD-MB2414 L=14.00" D=1.500"	UD-MBH2414 L=12.00" D=1.500"	UD-MBS2414 L=14.00" D=1.500"	UD-MH24-MTFNR/L3	\$139.00	NL 34L	CL 7	XNS 36	ITSN 323
TNMG 332	0.89	1.71				UD-MH24-MTUNR/L3	\$139.00				
VNMG 332	1.12	2.00				UD-MH24-MVUNR/L3	\$154.00				
CNMG 432	0.89	1.71				UD-MH24-MCLNR/L4	\$159.00				
CNMG 432	0.88	1.71				UD-MH24-MCKNR/L4	\$159.00				
WNMG 432	0.89	1.71				UD-MH24-MWLNLR/L4	\$159.00				
DNMG 432	1.02	2.00	\$1383.00 Each	\$1149.00 Each	\$209.00 Each	UD-MH24-MDQNR/L4	\$169.00	NL 46	CL 20	XNS 47	IWSN 433
DNMG 432	1.12	2.00	UD-MH24-MDUNR/L4	\$169.00							
DNMG 432	1.02	2.00	UD-MH24-MDXNR/L4	\$174.00							

Shank Dia D = 1.750

Using Insert	F	Min Bore	BORING BAR SHANKS			MODULAR HEADS					
			CARBIDE SHANK Part Number	HEAVY METAL SHANK Part Number	STEEL SHANK Part Number	Part Number (Right/Left)	Price Each	Lock Pin	Clamp	Clamp Screw	Shim
CNMG 431	1.015	2.01	UD-MB2816 L=16.00" D=1.750"	UD-MBH2816 L=12.00" D=1.750"	UD-MBS2816 L=16.00" D=1.750"	UD-MH28MCLNR/L4	\$189.00	NL 46	CL 20	XNS 47	ICSN 433
CNMG 431	1.005	2.01				UD-MH28MCKNR/L4	\$189.00				
WNMG 431	1.015	2.01				UD-MH28MWLNLR/L4	\$189.00				
TNMG 431	1.015	2.01				UD-MH28MTUNR/L4	\$189.00				
TNMG 431	1.015	2.01				UD-MH28MTFNR/L4	\$189.00				
DNMG 431	1.250	2.25				\$2065.00 Each	\$1489.00 Each				
DNMG 431	1.250	2.25	UD-MH28MDUNR/L4	\$199.00							
DNMG 431	1.250	2.25	UD-MH28MDXNR/L4	\$199.00							
VNMG 432	1.250	2.25				UD-MH28MVUNR/L4	\$199.00	NL 46	CL 30	XNS 510	IVSN 432

Shank Dia D = 2.000

Using Insert	F	Min Bore	BORING BAR SHANKS			MODULAR HEADS					
			CARBIDE SHANK Part Number	HEAVY METAL SHANK Part Number	STEEL SHANK Part Number	Part Number (Right/Left)	Price Each	Lock Pin	Clamp	Clamp Screw	Shim
CNMG 431	1.281	2.40	UD-MBS2816 L=20.00" D=2.000"	UD-MBS2816 L=12.00" D=2.000"	UD-MBS2816 L=20.00" D=2.000"	UD-MH32MCLNR/L4	\$219.00	NL 46	CL 20	XNS 47	ICSN 433
CNMG 431	1.271	2.40				UD-MH32MCKNR/L4	\$219.00				
WNMG 431	1.281	2.40				UD-MH32MWLNLR/L4	\$219.00				
TNMG 431	1.281	2.40				UD-MH32MTUNR/L4	\$219.00				
TNMG 431	1.281	2.40				UD-MH32MTFNR/L4	\$219.00				
DNMG 431	1.281	2.67				\$2898.00 Each	\$1895.00 Each				
DNMG 431	1.375	2.50	UD-MH32MDUNR/L4	\$240.00							
DNMG 431	1.500	2.67	UD-MH32MDXNR/L4	\$240.00							
VNMG 432	1.375	2.50				UD-MH32MVUNR/L4	\$240.00	NL 46	CL 30	XNS 510	IVSN 432

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