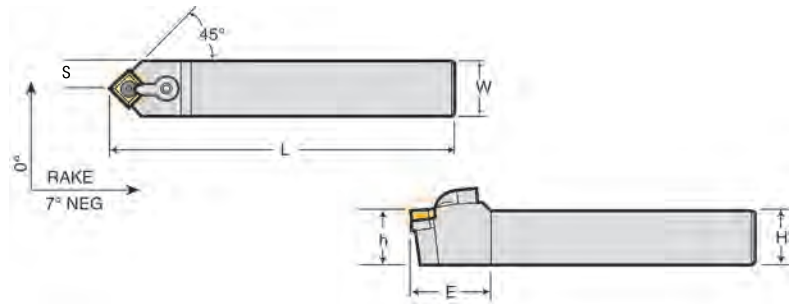
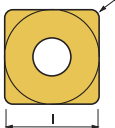




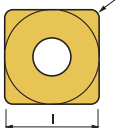


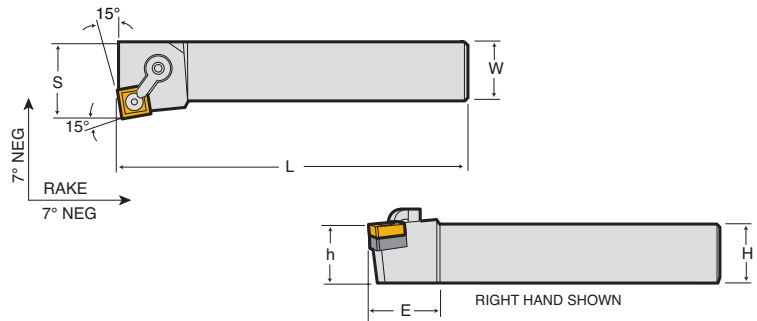
## MSDNN

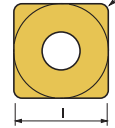




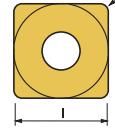


Ref	Holder Style		Application							Inserts				Parts			
Comment	D Style, Approach Angle 45°		Turning, Copying											   			
MSDNN	Code #	Price \$	H	W	L	S	h	E		Clamp	Clamp Screw	Shim	Pin				
12-4B	145860	75.14	0.750	0.750	4.500	0.375	0.750	1.375		SN□□43□	CL-20 146918 \$ 10.00	XNS-48 146922 \$ 2.31	ISSN-432 146903 \$ 10.80	NL-46 146912 \$ 5.04			
16-4D	145799	217.17	1.000	1.000	6.000	0.500	1.000	1.375	SN□□43□	CL-9 146916 \$ 10.00	XNS-59 146921 \$ 2.38	ISSN-432 146903 \$ 10.80	NL-46 146912 \$ 5.04				
85-4D	145759	267.05	1.250	1.000	6.000	0.500	1.000	1.375		CL-12 146917 \$ 10.00	XNS-510 146920 \$ 2.38	ISSN-533 146904 \$ 12.49	NL-58 146913 \$ 5.61				
20-5E	147227	177.14	1.250	1.250	7.000	0.625	1.250	1.610	SN□□54□	CL-12 146917 \$ 10.00	XNS-510 146920 \$ 2.38	ISSN-533 146904 \$ 12.49	NL-58 146913 \$ 5.61				
85-5D	145763	177.14	1.250	1.000	6.000	0.500	1.250	1.610		CL-12 146917 \$ 10.00	XNS-510 146920 \$ 2.38	ISSN-633 146905 \$ 16.04	NL-68 146914 \$ 6.30				
20-6D	145866	267.05	1.250	1.250	6.000	0.625	1.250	1.750	SN□□64□	CL-12 146917 \$ 10.00	XNS-510 146920 \$ 2.38	ISSN-633 146905 \$ 16.04	NL-68 146914 \$ 6.30				
24-6E	147404	202.00	1.500	1.500	7.000	0.750	1.500	1.750		CL-12 146917 \$ 10.00	XNS-510 146920 \$ 2.38	ISSN-633 146905 \$ 16.04	NL-68 146914 \$ 6.30				

➤ P. E19-22, E38, E40

## MSKNR/L



Ref	Holder Style		Application							Inserts				Parts			
Comment	K Style, Approach Angle 75°		Facing											   			
MSKNR/L	Code #		Code #		H	W	L	S	h	E		Clamp	Clamp Screw	Shim	Pin		
	Right	Price \$	Left	Price \$													
16-4D	145849	222.45	145850	222.45	1.000	1.000	6.000	1.250	1.000	1.250	SN□□43□	CL-9 146916 \$ 9.75	XNS-59 146921 \$ 2.38	ISSN-432 146903 \$ 10.80	NL-46 146912 \$ 5.04		
20-6D	145853	267.05			1.250	1.250	6.000	1.500	1.250	1.560	SN□□64□	CL-12 146917 \$ 10.00	XNS-510 146920 \$ 2.38	ISSN-633 146905 \$ 16.04	NL-68 146914 \$ 6.30		
24-6E	145855	314.24			1.500	1.500	7.000	2.000	1.500	1.560		CL-12 146917 \$ 10.00	XNS-510 146920 \$ 2.38	ISSN-633 146905 \$ 16.04	NL-68 146914 \$ 6.30		

➤ P. E19-22, E38, E40