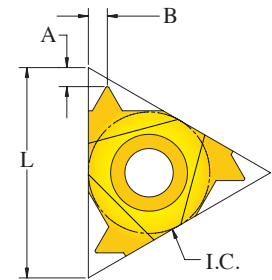
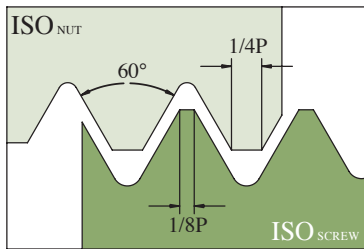


ISO METRIC EXTERNAL

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PITCH MM	CATALOG NUMBER		DIMENSIONS			
	RIGHT HAND	LEFT HAND	L mm	I.C.	A	B
0.35	ISO 0.35 ER11	ISO 0.35 EL11	11	6.35	0.7	0.4
0.4	ISO 0.4 ER11	ISO 0.4 EL11			0.6	0.4
0.45	ISO 0.45 ER11	ISO 0.45 EL11			0.6	0.4
0.5	ISO 0.5 ER11	ISO 0.5 EL11			0.6	0.4
0.6	ISO 0.6 ER11	ISO 0.6 EL11			0.6	0.4
0.7	ISO 0.7 ER11	ISO 0.7 EL11			0.6	0.4
0.75	ISO 0.75 ER11	ISO 0.75 EL11			0.6	0.6
0.8	ISO 0.8 ER11	ISO 0.8 EL11			0.6	0.6
1.0	ISO 1.0 ER11	ISO 1.0 EL11			0.7	0.7
1.25	ISO 1.25 ER11	ISO 1.25 EL11			0.8	0.9
1.5	ISO 1.5 ER11	ISO 1.5 EL11			0.8	1.0
1.75	ISO 1.75 ER11	ISO 1.75 EL11			0.8	1.1
2.0	ISO 2.0 ER11	ISO 2.0 EL11			0.8	1.1
0.35	ISO 0.35 ER16	ISO 0.35 EL16			16	9.525
0.4	ISO 0.4 ER16	ISO 0.4 EL16	0.8	0.4		
0.45	ISO 0.45 ER16	ISO 0.45 EL16	0.8	0.4		
0.5	ISO 0.5 ER16	ISO 0.5 EL16	0.6	0.4		
0.6	ISO 0.6 ER16	ISO 0.6 EL16	0.6	0.6		
0.7	ISO 0.7 ER16	ISO 0.7 EL16	0.6	0.6		

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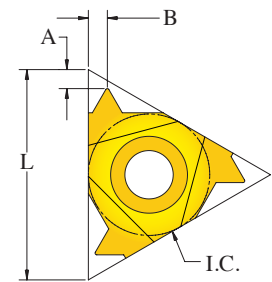
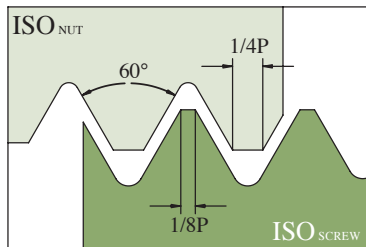
Threading Inserts



ISO METRIC EXTERNAL

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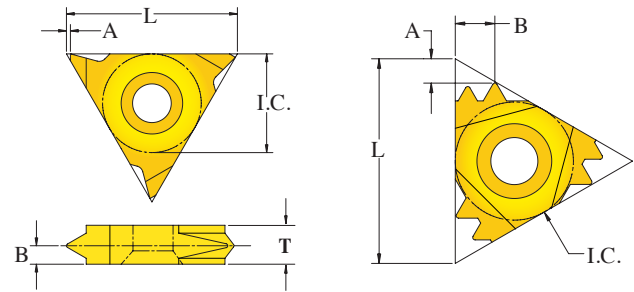
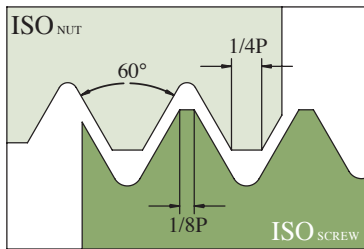


PITCH MM	CATALOG NUMBER		DIMENSIONS			
	RIGHT HAND	LEFT HAND	L mm	I.C.	A	B
0.75	ISO 0.75 ER16	ISO 0.75 EL16	16	9.525	0.6	0.6
0.8	ISO 0.8 ER16	ISO 0.8 EL16			0.6	0.6
1.0	ISO 1.0 ER16	ISO 1.0 EL16			0.7	0.7
1.25	ISO 1.25 ER16	ISO 1.25 EL16			0.8	0.9
1.5	ISO 1.5 ER16	ISO 1.5 EL16			0.8	1.0
1.75	ISO 1.75 ER16	ISO 1.75 EL16			0.9	1.2
2.0	ISO 2.0 ER16	ISO 2.0 EL16			1.0	1.3
2.5	ISO 2.5 ER16	ISO 2.5 EL16			1.1	1.5
3.0	ISO 3.0 ER16	ISO 3.0 EL16	1.2	1.5		
3.5	ISO 3.5 ER22	ISO 3.5 EL22	22	12.70	1.6	2.3
4.0	ISO 4.0 ER22	ISO 4.0 EL22			1.6	2.3
4.5	ISO 4.5 ER22	ISO 4.5 EL22			1.7	2.4
5.0	ISO 5.0 ER22	ISO 5.0 EL22			1.7	2.5
5.5	ISO 5.5 ER27	ISO 5.5 EL27	27	15.875	1.8	2.6
6.0	ISO 6.0 ER27	ISO 6.0 EL27			1.9	2.7

ISO METRIC EXTERNAL

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VERTICAL

MULTITOOTH

MULTITOOTH

PITCH MM	TEETH	CATALOG NUMBER RIGHT HAND	ANVIL	DIMENSIONS			
				L mm	I.C.	A	B
1.0	3	ISO1.0 3M ER16	ES16M	16	9.525	1.6	2.6
1.5	2	ISO1.5 2M ER16				1.6	2.4
1.5	3	ISO1.5 3M ER22	ES22M	22	12.70	2.2	3.8
2.0	2	ISO2.0 2M ER22				2.1	2.9
2.0	3	ISO2.0 3M ER22				3.0	4.9
2.5	2	ISO2.5 2M ER22				2.5	3.8
3.0	2	ISO3.0 2M ER27	ES27M	27	15.875	2.8	4.4

VERTICAL INSERTS

PITCH MM	CATALOG NUMBER RIGHT HAND	DIMENSIONS				
		L mm	I.C.	A	B	T
1.0	ISO1.0 ER16V	16	9.525	1.1	0.6	3.7
1.25	ISO1.25 ER16V			1.1	0.9	3.7
1.5	ISO1.5 ER16V			1.1	1.0	3.7
2.0	ISO2.0 ER16V			1.1	1.2	3.7

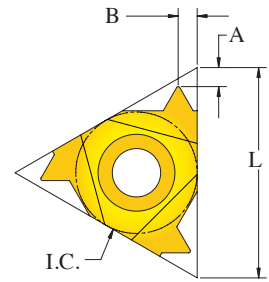
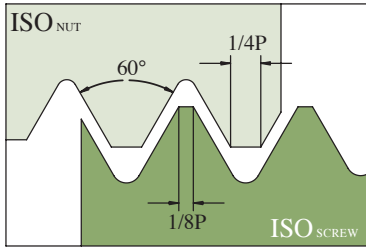
Threading Inserts



ISO METRIC INTERNAL

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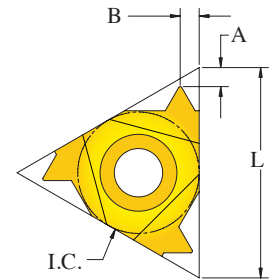
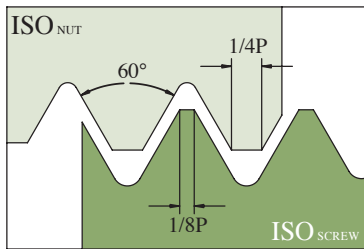


PITCH MM	CATALOG NUMBER		DIMENSIONS			
	RIGHT HAND	LEFT HAND	L mm	I.C.	A	B
0.5	ISO 0.5 IR06	ISO 0.5 IL06	06	4.00	0.8	0.4
0.75	ISO 0.75 IR06	ISO 0.75 IL06			0.7	0.4
1.0	ISO 1.0 IR06	ISO 1.0 IL06			0.7	0.5
1.25	ISO 1.25 IR06	ISO 1.25 IL06			0.7	0.6
0.35	ISO 0.35 IR08	ISO 0.35 IL08	08	5.00	0.7	0.4
0.5	ISO 0.5 IR08	ISO 0.5 IL08			0.7	0.4
0.75	ISO 0.75 IR08	ISO 0.75 IL08			0.7	0.6
1.0	ISO 1.0 IR08	ISO 1.0 IL08			0.7	0.7
1.25	ISO 1.25 IR08	ISO 1.25 IL08			0.7	0.7
1.5	ISO 1.5 IR08	ISO 1.5 IL08			0.7	0.7
1.75	ISO 1.75 IR08	ISO 1.75 IL08	11	6.35	0.7	0.4
0.35	ISO 0.35 IR11	ISO 0.35 IL11			0.7	0.4
0.4	ISO 0.4 IR11	ISO 0.4 IL11			0.7	0.4
0.45	ISO 0.45 IR11	ISO 0.45 IL11			0.7	0.4
0.5	ISO 0.5 IR11	ISO 0.5 IL11			0.6	0.4
0.6	ISO 0.6 IR11	ISO 0.6 IL11			0.6	0.6
0.7	ISO 0.7 IR11	ISO 0.7 IL11			0.6	0.6
0.75	ISO 0.75 IR11	ISO 0.75 IL11			0.6	0.6
0.8	ISO 0.8 IR11	ISO 0.8 IL11			0.6	0.6
1.0	ISO 1.0 IR11	ISO 1.0 IL11			0.7	0.7
1.25	ISO 1.25 IR11	ISO 1.25 IL11			0.8	0.9
1.5	ISO 1.5 IR11	ISO 1.5 IL11	0.8	1.0		
1.75	ISO 1.75 IR11	ISO 1.75 IL11	0.8	1.1		
2.0	ISO 2.0 IR11	ISO 2.0 IL11	0.8	0.9		

ISO METRIC INTERNAL

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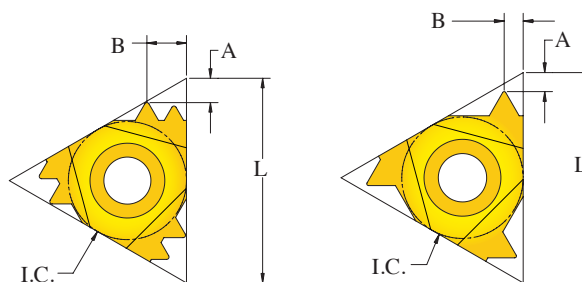
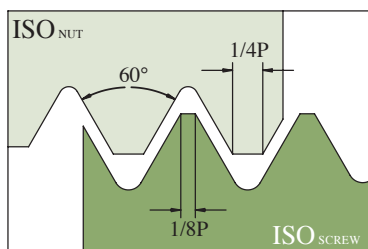


PITCH MM	CATALOG NUMBER		DIMENSIONS			
	RIGHT HAND	LEFT HAND	L mm	I.C.	A	B
0.35	ISO 0.35 IR16	ISO 0.35 IL16	16	9.525	0.8	0.4
0.4	ISO 0.4 IR16	ISO 0.4 IL16			0.8	0.4
0.45	ISO 0.45 IR16	ISO 0.45 IL16			0.8	0.4
0.5	ISO 0.5 IR16	ISO 0.5 IL16			0.6	0.4
0.6	ISO 0.6 IR16	ISO 0.6 IL16			0.6	0.6
0.7	ISO 0.7 IR16	ISO 0.7 IL16			0.6	0.6
0.75	ISO 0.75 IR16	ISO 0.75 IL16			0.6	0.6
0.8	ISO 0.8 IR16	ISO 0.8 IL16			0.6	0.6
1.0	ISO 1.0 IR16	ISO 1.0 IL16			0.7	0.7
1.25	ISO 1.25 IR16	ISO 1.25 IL16			0.8	0.9
1.5	ISO 1.5 IR16	ISO 1.5 IL16			0.8	1.0
1.75	ISO 1.75 IR16	ISO 1.75 IL16			0.9	1.2
2.0	ISO 2.0 IR16	ISO 2.0 IL16			1.0	1.3
2.5	ISO 2.5 IR16	ISO 2.5 IL16			1.1	1.5
3.0	ISO 3.0 IR16	ISO 3.0 IL16			1.2	1.5

ISO METRIC INTERNAL

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MULTITOOTH

STANDARD

STANDARD

PITCH MM	CATALOG NUMBER		DIMENSIONS			
	RIGHT HAND	LEFT HAND	L mm	I.C.	A	B
3.5	ISO 3.5 IR22	ISO 3.5 IL22	22	12.70	1.6	2.3
4.0	ISO 4.0 IR22	ISO 4.0 IL22			1.6	2.3
4.5	ISO 4.5 IR22	ISO 4.5 IL22			1.7	2.4
5.0	ISO 5.0 IR22	ISO 5.0 IL22			1.7	2.5
5.5	ISO 5.5 IR27	ISO 5.5 IL27	27	15.875	1.8	2.4
6.0	ISO 6.0 IR27	ISO 6.0 IL27			1.9	2.6

MULTITOOTH

PITCH MM	TEETH	CATALOG NUMBER RIGHT HAND	ANVIL	DIMENSIONS			
				L mm	I.C.	A	B
1.0	3	ISO1.0 3M IR16	IS16M	16	9.525	1.6	2.6
1.5	2	ISO1.5 2M IR16				1.6	2.4
1.5	3	ISO1.5 3M IR22	IS22M	22	12.70	2.2	3.8
2.0	2	ISO2.0 2M IR22				2.1	2.9
2.0	3	ISO2.0 3M IR22				3.0	4.9
3.0	2	ISO3.0 2M IR27	IS27M	27	15.875	2.8	4.4