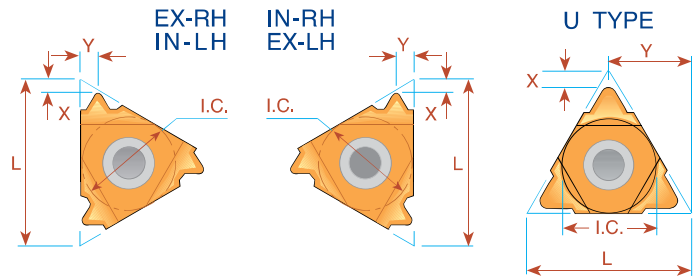
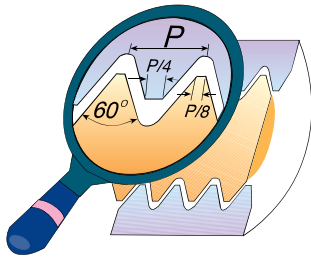


Thread Turning Inserts

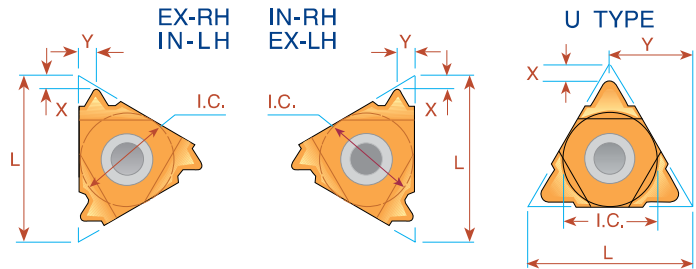
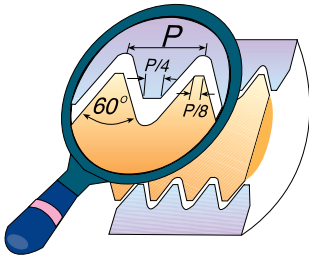
ISO - metric



Pitch mm	L	I.C. in	EXTERNAL			INTERNAL				
			Ordering Code Right Hand	Ordering Code Left Hand	X	Y	Ordering Code Right Hand	Ordering Code Left Hand	X	Y
0.25	6	5/32	<i>ULTRA MINIATURE</i> →			*06 IR 0.25 ISO	*06 IL 0.25 ISO	0.7	0.3	
0.5	6	5/32				*06 IR 0.5 ISO	*06 IL 0.5 ISO	0.9	0.5	
0.75	6	5/32				*06 IR 0.75 ISO	*06 IL 0.75 ISO	0.8	0.5	
1.0	6	5/32				*06 IR 1.0 ISO	*06 IL 1.0 ISO	0.7	0.6	
1.25	6	5/32				*06 IR 1.25 ISO	*06 IL 1.25 ISO	0.6	0.6	
0.25	8	3/16	<i>MINIATURE</i> →			*08 IR 0.25 ISO	*08 IL 0.25 ISO	0.7	0.3	
0.5	8	3/16				*08 IR 0.5 ISO	*08 IL 0.5 ISO	0.6	0.5	
0.75	8	3/16				*08 IR 0.75 ISO	*08 IL 0.75 ISO	0.6	0.5	
1.0	8	3/16				*08 IR 1.0 ISO	*08 IL 1.0 ISO	0.6	0.6	
1.25	8	3/16				*08 IR 1.25 ISO	*08 IL 1.25 ISO	0.6	0.7	
1.5	8	3/16				*08 IR 1.5 ISO	*08 IL 1.5 ISO	0.6	0.7	
1.75	8	3/16				*08 IR 1.75 ISO	*08 IL 1.75 ISO	0.6	0.8	
2.0	8U	3/16U	<i>"U" MINIATURE</i> →			*08U IR/L 2.0 ISO		0.9	4.0	
0.25	11	1/4	11 ER 0.25 ISO	11 EL 0.25 ISO	0.6	0.2				
0.3	11	1/4	11 ER 0.3 ISO	11 EL 0.3 ISO	0.8	0.3				
0.35	11	1/4	11 ER 0.35 ISO	11 EL 0.35 ISO	0.8	0.4	11 IR 0.35 ISO	11 IL 0.35 ISO	0.8	0.3
0.4	11	1/4	11 ER 0.4 ISO	11 EL 0.4 ISO	0.7	0.4	11 IR 0.4 ISO	11 IL 0.4 ISO	0.8	0.4
0.45	11	1/4	11 ER 0.45 ISO	11 EL 0.45 ISO	0.7	0.4	11 IR 0.45 ISO	11 IL 0.45 ISO	0.8	0.4
0.5	11	1/4	11 ER 0.5 ISO	11 EL 0.5 ISO	0.6	0.6	11 IR 0.5 ISO	11 IL 0.5 ISO	0.6	0.6
0.6	11	1/4	11 ER 0.6 ISO	11 EL 0.6 ISO	0.6	0.6	11 IR 0.6 ISO	11 IL 0.6 ISO	0.6	0.6
0.7	11	1/4	11 ER 0.7 ISO	11 EL 0.7 ISO	0.6	0.6	11 IR 0.7 ISO	11 IL 0.7 ISO	0.6	0.6
0.75	11	1/4	11 ER 0.75 ISO	11 EL 0.75 ISO	0.6	0.6	11 IR 0.75 ISO	11 IL 0.75 ISO	0.6	0.6
0.8	11	1/4	11 ER 0.8 ISO	11 EL 0.8 ISO	0.6	0.6	11 IR 0.8 ISO	11 IL 0.8 ISO	0.6	0.6
1.0	11	1/4	11 ER 1.0 ISO	11 EL 1.0 ISO	0.7	0.7	11 IR 1.0 ISO	11 IL 1.0 ISO	0.6	0.7
1.25	11	1/4	11 ER 1.25 ISO	11 EL 1.25 ISO	0.8	0.9	11 IR 1.25 ISO	11 IL 1.25 ISO	0.8	0.8
1.5	11	1/4	11 ER 1.5 ISO	11 EL 1.5 ISO	0.8	1.0	11 IR 1.5 ISO	11 IL 1.5 ISO	0.8	1.0
1.75	11	1/4	11 ER 1.75 ISO	11 EL 1.75 ISO	0.8	1.1	11 IR 1.75 ISO	11 IL 1.75 ISO	0.8	1.1
2.0	11	1/4	11 ER 2.0 ISO	11 EL 2.0 ISO	0.8	1.1	11 IR 2.0 ISO	11 IL 2.0 ISO	0.8	0.9
2.5	11	1/4					11 IR 2.5 ISO	11 IL 2.5 ISO	0.8	1.2
0.25	16	3/8	16 ER 0.25 ISO	16 EL 0.25 ISO	0.6	0.2				
0.3	16	3/8	16 ER 0.3 ISO	16 EL 0.3 ISO	0.8	0.3				
0.35	16	3/8	16 ER 0.35 ISO	16 EL 0.35 ISO	0.8	0.4	16 IR 0.35 ISO	16 IL 0.35 ISO	0.8	0.3
0.4	16	3/8	16 ER 0.4 ISO	16 EL 0.4 ISO	0.7	0.4	16 IR 0.4 ISO	16 IL 0.4 ISO	0.8	0.4
0.45	16	3/8	16 ER 0.45 ISO	16 EL 0.45 ISO	0.7	0.4	16 IR 0.45 ISO	16 IL 0.45 ISO	0.8	0.4
0.5	16	3/8	16 ER 0.5 ISO	16 EL 0.5 ISO	0.6	0.6	16 IR 0.5 ISO	16 IL 0.5 ISO	0.6	0.6
0.6	16	3/8	16 ER 0.6 ISO	16 EL 0.6 ISO	0.6	0.6	16 IR 0.6 ISO	16 IL 0.6 ISO	0.6	0.6
0.7	16	3/8	16 ER 0.7 ISO	16 EL 0.7 ISO	0.6	0.6	16 IR 0.7 ISO	16 IL 0.7 ISO	0.6	0.6
0.75	16	3/8	16 ER 0.75 ISO	16 EL 0.75 ISO	0.6	0.6	16 IR 0.75 ISO	16 IL 0.75 ISO	0.6	0.6
0.8	16	3/8	16 ER 0.8 ISO	16 EL 0.8 ISO	0.6	0.6	16 IR 0.8 ISO	16 IL 0.8 ISO	0.6	0.6
1.0	16	3/8	16 ER 1.0 ISO	16 EL 1.0 ISO	0.7	0.7	16 IR 1.0 ISO	16 IL 1.0 ISO	0.6	0.7
1.25	16	3/8	16 ER 1.25 ISO	16 EL 1.25 ISO	0.8	0.9	16 IR 1.25 ISO	16 IL 1.25 ISO	0.8	0.9
1.5	16	3/8	16 ER 1.5 ISO	16 EL 1.5 ISO	0.8	1.0	16 IR 1.5 ISO	16 IL 1.5 ISO	0.8	1.0
1.75	16	3/8	16 ER 1.75 ISO	16 EL 1.75 ISO	0.9	1.2	16 IR 1.75 ISO	16 IL 1.75 ISO	0.9	1.2
2.0	16	3/8	16 ER 2.0 ISO	16 EL 2.0 ISO	1.0	1.3	16 IR 2.0 ISO	16 IL 2.0 ISO	1.0	1.3
2.5	16	3/8	16 ER 2.5 ISO	16 EL 2.5 ISO	1.1	1.5	16 IR 2.5 ISO	16 IL 2.5 ISO	1.1	1.5
3.0	16	3/8	16 ER 3.0 ISO	16 EL 3.0 ISO	1.2	1.6	16 IR 3.0 ISO	16 IL 3.0 ISO	1.1	1.5
3.5	16	3/8	16 ER 3.5 ISO	16 EL 3.5 ISO	1.2	1.7	16 IR 3.5 ISO	16 IL 3.5 ISO	1.2	1.7

* Available only in BXC and BMA grades

ISO - metric

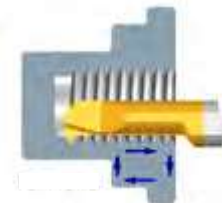


Pitch mm	L	I.C. in	EXTERNAL		X	Y	INTERNAL		X	Y
			Ordering Code Right Hand	Ordering Code Left Hand			Ordering Code Right Hand	Ordering Code Left Hand		
3.5	22	1/2	22 ER 3.5 ISO	22 EL 3.5 ISO	1.6	2.3	22 IR 3.5 ISO	22 IL 3.5 ISO	1.6	2.3
4.0	22	1/2	22 ER 4.0 ISO	22 EL 4.0 ISO	1.6	2.3	22 IR 4.0 ISO	22 IL 4.0 ISO	1.6	2.3
4.5	22	1/2	22 ER 4.5 ISO	22 EL 4.5 ISO	1.7	2.4	22 IR 4.5 ISO	22 IL 4.5 ISO	1.6	2.4
5.0	22	1/2	22 ER 5.0 ISO	22 EL 5.0 ISO	1.7	2.5	22 IR 5.0 ISO	22 IL 5.0 ISO	1.6	2.3
5.5	22	1/2	22 ER 5.5 ISO	22 EL 5.5 ISO	1.7	2.6	22 IR 5.5 ISO	22 IL 5.5 ISO	1.6	2.3
6.0	22	1/2	**22 ER 6.0 ISO	**22 EL 6.0 ISO	1.9	2.7	22 IR 6.0 ISO	22 IL 6.0 ISO	1.6	2.4
5.5	22U	1/2U	22U ER/L 5.5 ISO		2.3	11.0	22U IR/L 5.5 ISO		2.4	11.0
6.0	22U	1/2U	22U ER/L 6.0 ISO		2.6	11.0	22U IR/L 6.0 ISO		2.1	11.0
5.5	27	5/8	27 ER 5.5 ISO	27 EL 5.5 ISO	1.9	2.7	27 IR 5.5 ISO	27 IL 5.5 ISO	1.6	2.3
6.0	27	5/8	27 ER 6.0 ISO	27 EL 6.0 ISO	2.0	2.9	27 IR 6.0 ISO	27 IL 6.0 ISO	1.8	2.5
8.0	27U	5/8U	27U ER/L 8.0 ISO		2.4	13.7	27U IR/L 8.0 ISO		2.4	13.7
12.0	33U	3/4U	33U ER/L 12.0 ISO		2.5	16.5	33U IR/L 12.0 ISO		3.5	16.9

** Special holder required

Order example: 22 IR 3.5 ISO BMA

For small bore threading see page A06-13



Type B

Ground profile with sintered chip-breaker

Pitch mm	L	I.C. in	EXTERNAL		X	Y	INTERNAL		X	Y
			Ordering Code Right Hand	Ordering Code Left Hand			Ordering Code Right Hand	Ordering Code Left Hand		
0.5	11	1/4					11 IR B 0.5 ISO		0.6	0.6
0.75	11	1/4					11 IR B 0.75 ISO		0.6	0.6
0.8	11	1/4					11 IR B 0.8 ISO		0.6	0.6
1.0	11	1/4					11 IR B 1.0 ISO		0.6	0.6
1.25	11	1/4					11 IR B 1.25 ISO		0.8	0.9
1.5	11	1/4					11 IR B 1.5 ISO		0.8	0.9
1.75	11	1/4					11 IR B 1.75 ISO		0.8	0.9
2.0	11	1/4					11 IR B 2.0 ISO		0.8	0.9
0.8	16	3/8	16 ER B 0.8 ISO		0.6	0.6				
1.0	16	3/8	16 ER B 1.0 ISO		0.7	0.7	16 IR B 1.0 ISO		0.6	0.7
1.25	16	3/8	16 ER B 1.25 ISO		0.8	0.9	16 IR B 1.25 ISO		0.8	0.9
1.5	16	3/8	16 ER B 1.5 ISO		0.8	1.0	16 IR B 1.5 ISO		0.8	1.0
1.75	16	3/8	16 ER B 1.75 ISO		0.9	1.2	16 IR B 1.75 ISO		0.9	1.2
2.0	16	3/8	16 ER B 2.0 ISO		1.0	1.3	16 IR B 2.0 ISO		1.0	1.3
2.5	16	3/8	16 ER B 2.5 ISO		1.1	1.5	16 IR B 2.5 ISO		1.1	1.5
3.0	16	3/8	16 ER B 3.0 ISO		1.2	1.6	16 IR B 3.0 ISO		1.1	1.5

Order example: 16 IR B 1.5 ISO BMA

For carbide grade and cutting speed see page A04-2 and 3