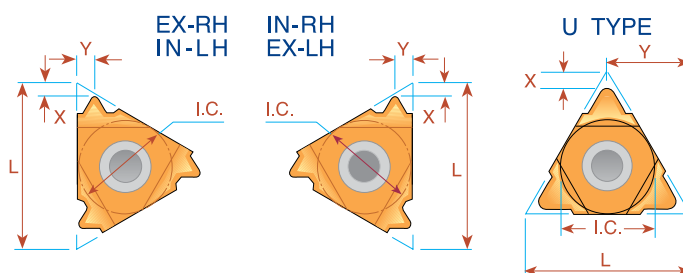
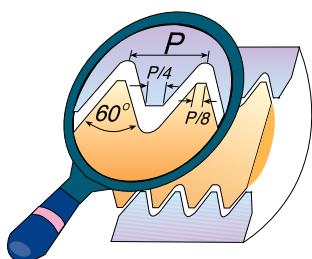


## ISO - metric

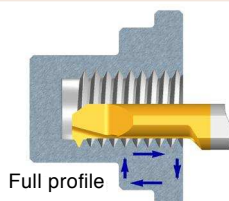


Pitch mm	L	I.C. in	<b>EXTERNAL</b>		X	Y	<b>INTERNAL</b>		X	Y
			Ordering Code Right Hand	Ordering Code Left Hand			Ordering Code Right Hand	Ordering Code Left Hand		
3.5	22	1/2	<b>22 ER 3.5 ISO</b>	<b>22 EL 3.5 ISO</b>	1.6	2.3	<b>22 IR 3.5 ISO</b>	<b>22 IL 3.5 ISO</b>	1.6	2.3
4.0	22	1/2	<b>22 ER 4.0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

Order example: 22 IR 3.5 ISO BMA

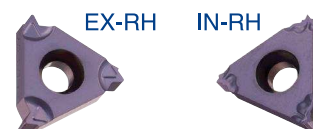
For small bore threading see page 83

\*\* Special holder required



## Type B

### Ground Profile with Sintered Chip-breaker



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

Order example: 16 IR B 1.5 ISO BMA

For Carbide Grade and Cutting Speed see page 60-61