

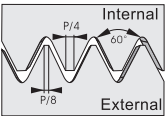
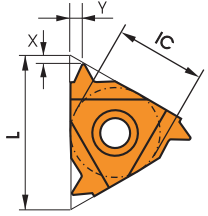
● Partial profile 60° Неполный профиль 60°

Application	Picture	Designation	Coated				Uncoated		Pitch		Dimensions (mm)				Configuration
			KTX	KC3310	KKX	KP2130	H01	KW12	mm	TPI	IC	L	X	Y	
External		11ER/L A60	●	●	●	●	●	●	0.5~1.5	48~16	1/4"	11	0.8	0.9	
		16ER/L A60	●	●	●	●	●	●	0.5~1.5	48~16	3/8"	16	0.8	0.9	
	16ER/L M A60	●	●	●	●	●	●	0.5~1.5	48~16	3/8"	16	0.8	0.9		
	16ER/L G60	●	●	●	●	●	●	1.75~3.0	14~8	3/8"	16	1.2	1.7		
	16ER/L M G60	●	●	●	●	●	●	1.75~3.0	14~8	3/8"	16	1.2	1.7		
	16ER/L AG60	●	●	●	●	●	●	0.5~3.0	48~8	3/8"	16	1.2	1.7		
	16ER/L M AG60	●	●	●	●	●	●	0.5~3.0	48~8	3/8"	16	1.2	1.7		
	22ER/L N60	●	●	●	●	●	●	3.5~5.0	7~5	1/2"	22	1.7	2.5		
	27ER/L Q60	●	●	●	●	●	●	5.5~6.0	4.5~4	5/8"	27	2.0	2.9		
Internal		06IR/L A60	●	●	●	●	●	●	0.5~1.25	48~20	5/32"	6	0.6	0.6	
		06IR/L M A60	●	●	●	●	●	●	0.5~1.25	48~20	5/32"	6	0.6	0.6	
	08IR/L A60	●	●	●	●	●	●	0.5~1.5	48~16	3/16"	8	0.6	0.7		
	08IR/L M A60	●	●	●	●	●	●	0.5~1.5	48~16	3/16"	8	0.6	0.7		
	11IR/L A60	●	●	●	●	●	●	0.5~1.5	48~16	1/4"	11	0.8	0.9		
	11IR/L M A60	●	●	●	●	●	●	0.5~1.5	48~16	1/4"	11	0.8	0.9		
	16IR/L A60	●	●	●	●	●	●	0.5~1.5	48~16	3/8"	16	0.8	0.9		
	16IR/L M A60	●	●	●	●	●	●	0.5~1.5	48~16	3/8"	16	0.8	0.9		
	16IR/L G60	●	●	●	●	●	●	1.75~3.0	14~8	3/8"	16	1.2	1.7		
	16IR/L M G60	●	●	●	●	●	●	1.75~3.0	14~8	3/8"	16	1.2	1.7		
	16IR/L AG60	●	●	●	●	●	●	0.5~3.0	48~8	3/8"	16	1.2	1.7		
	16IR/L M AG60	●	●	●	●	●	●	0.5~3.0	48~8	3/8"	16	1.2	1.7		
	22IR/L N60	●	●	●	●	●	●	3.5~5.0	7~5	1/2"	22	1.7	2.5		
	27IR/L Q60	●	●	●	●	●	●	5.5~6.0	4.5~4	5/8"	27	2.0	2.9		

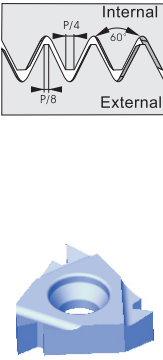
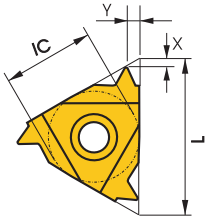
● Partial profile 55° Неполный профиль 55°

Application	Picture	Designation	Coated				Uncoated		Pitch		Dimensions (mm)				Configuration
			KTX	KC3310	KKX	KP2130	H01	KW12	mm	TPI	IC	L	X	Y	
External		11ER/LA55	●	●	●	●	●	●	0.5~1.5	48~16	1/4"	11	0.8	0.9	
		16ER/LA55	●	●	●	●	●	●	0.5~1.5	48~16	3/8"	16	0.8	0.9	
	16ER/L M A55	●	●	●	●	●	●	0.5~1.5	48~16	3/8"	16	0.8	0.9		
	16ER/L G55	●	●	●	●	●	●	1.75~3.0	14~8	3/8"	16	1.2	1.7		
	16ER/L M G55	●	●	●	●	●	●	1.75~3.0	14~8	3/8"	16	1.2	1.7		
	16ER/L AG55	●	●	●	●	●	●	0.5~3.0	48~8	3/8"	16	1.2	1.7		
	16ER/L M AG55	●	●	●	●	●	●	0.5~3.0	48~8	3/8"	16	1.2	1.7		
	22ER/L N55	●	●	●	●	●	●	3.5~5.0	7~5	1/2"	22	1.7	2.5		
	27ER/L Q55	●	●	●	●	●	●	5.5~6.0	4.5~4	5/8"	27	2.0	2.9		
Internal		06IR/LA55	●	●	●	●	●	●	0.5~1.25	48~20	5/32"	6	0.6	0.6	
		06IR/L M A55	●	●	●	●	●	●	0.5~1.25	48~20	5/32"	6	0.6	0.6	
	08IR/LA55	●	●	●	●	●	●	0.5~1.5	48~16	3/16"	8	0.6	0.7		
	08IR/L M A55	●	●	●	●	●	●	0.5~1.5	48~16	3/16"	8	0.6	0.7		
	11IR/LA55	●	●	●	●	●	●	0.5~1.5	48~16	1/4"	11	0.8	0.9		
	11IR/L M A55	●	●	●	●	●	●	0.5~1.5	48~16	1/4"	11	0.8	0.9		
	16IR/LA55	●	●	●	●	●	●	0.5~1.5	48~16	3/8"	16	0.8	0.9		
	16IR/L M A55	●	●	●	●	●	●	0.5~1.5	48~16	3/8"	16	0.8	0.9		
	16IR/L G55	●	●	●	●	●	●	1.75~3.0	14~8	3/8"	16	1.2	1.7		
	16IR/L M G55	●	●	●	●	●	●	1.75~3.0	14~8	3/8"	16	1.2	1.7		
	16IR/L AG55	●	●	●	●	●	●	0.5~3.0	48~8	3/8"	16	1.2	1.7		
	16IR/L M AG55	●	●	●	●	●	●	0.5~3.0	48~8	3/8"	16	1.2	1.7		
	22IR/L N55	●	●	●	●	●	●	3.5~5.0	7~5	1/2"	22	1.7	2.5		
	27IR/L Q55	●	●	●	●	●	●	5.5~6.0	4.5~4	5/8"	27	2.0	2.9		

ISO Metric


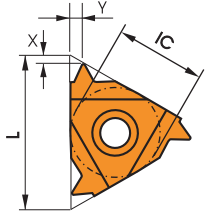
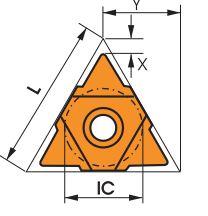
Application	Picture	Designation	Coated		Uncoated		Pitch		Dimensions (mm)				Configuration		
			KTX	KC3310	KKX	KP2130	H01	KW12	mm	TPI	IC	L		X	Y
External		11ER/L0.35ISO	●	●	●	●	●	●	0.35		1/4"	11	0.8	0.4	
		11ER/L0.40ISO	●	●	●	●	●	●	0.40		1/4"	11	0.7	0.4	
		11ER/L0.45ISO	●	●	●	●	●	●	0.45		1/4"	11	0.7	0.4	
		11ER/L0.50ISO	●	●	●	●	●	●	0.50		1/4"	11	0.6	0.6	
		11ER/L0.60ISO	●	●	●	●	●	●	0.60		1/4"	11	0.6	0.6	
		11ER/L0.70ISO	●	●	●	●	●	●	0.70		1/4"	11	0.6	0.6	
		11ER/L0.75ISO	●	●	●	●	●	●	0.75		1/4"	11	0.6	0.6	
		11ER/L0.80ISO	●	●	●	●	●	●	0.80		1/4"	11	0.6	0.6	
		11ER/L1.00ISO	●	●	●	●	●	●	1.00		1/4"	11	0.7	0.7	
		11ER/L1.25ISO	●	●	●	●	●	●	1.25		1/4"	11	0.8	0.9	
		11ER/L1.50ISO	●	●	●	●	●	●	1.50		1/4"	11	0.8	1.0	
		11ER/L1.75ISO	●	●	●	●	●	●	1.75		1/4"	11	0.8	1.1	
		11ER/L2.00ISO	●	●	●	●	●	●	2.00		1/4"	11	1.0	1.3	
		16ER/L0.35ISO	●	●	●	●	●	●	0.35		3/8"	16	0.8	0.4	
		16ER/L0.40ISO	●	●	●	●	●	●	0.40		3/8"	16	0.7	0.4	
		16ER/L0.45ISO	●	●	●	●	●	●	0.45		3/8"	16	0.7	0.4	
		16ER/L0.50ISO	●	●	●	●	●	●	0.50		3/8"	16	0.6	0.6	
		16ER/L0.60ISO	●	●	●	●	●	●	0.60		3/8"	16	0.6	0.6	
		16ER/L0.70ISO	●	●	●	●	●	●	0.70		3/8"	16	0.6	0.6	
		16ER/L0.75ISO	●	●	●	●	●	●	0.75		3/8"	16	0.6	0.6	
	16ER/L0.80ISO	●	●	●	●	●	●	0.80		3/8"	16	0.6	0.6		
	16ER/L1.00ISO	●	●	●	●	●	●	1.00		3/8"	16	0.7	0.7		
	16ER/LM1.00ISO	●	●	●	●	●	●	1.00		3/8"	16	0.7	0.7		
	16ER/L1.25ISO	●	●	●	●	●	●	1.25		3/8"	16	0.8	0.9		
	16ER/LM1.25ISO	●	●	●	●	●	●	1.25		3/8"	16	0.8	0.9		
	16ER/L1.50ISO	●	●	●	●	●	●	1.50		3/8"	16	0.8	1.0		
	16ER/LM1.50ISO	●	●	●	●	●	●	1.50		3/8"	16	0.8	1.0		
	16ER/L1.75ISO	●	●	●	●	●	●	1.75		3/8"	16	0.9	1.2		
	16ER/LM1.75ISO	●	●	●	●	●	●	1.75		3/8"	16	0.9	1.2		
	16ER/L2.00ISO	●	●	●	●	●	●	2.00		3/8"	16	1.0	1.3		
	16ER/LM2.00ISO	●	●	●	●	●	●	2.00		3/8"	16	1.0	1.3		
	16ER/L2.50ISO	●	●	●	●	●	●	2.50		3/8"	16	1.1	1.5		
	16ER/LM2.50ISO	●	●	●	●	●	●	2.50		3/8"	16	1.1	1.5		
	16ER/L3.00ISO	●	●	●	●	●	●	3.00		3/8"	16	1.2	1.6		
	16ER/LM3.00ISO	●	●	●	●	●	●	3.00		3/8"	16	1.2	1.6		
	22ER/L3.50ISO	●	●	●	●	●	●	3.50		1/2"	22	1.6	2.3		
	22ER/L4.00ISO	●	●	●	●	●	●	4.00		1/2"	22	1.6	2.3		
	22ER/L4.50ISO	●	●	●	●	●	●	4.50		1/2"	22	1.7	2.4		
	22ER/L5.00ISO	●	●	●	●	●	●	5.00		1/2"	22	1.7	2.5		
	27ER/L5.50ISO	●	●	●	●	●	●	5.50		5/8"	27	1.9	2.7		
27ER/L6.00ISO	●	●	●	●	●	●	6.00		5/8"	27	2.0	2.9			
		22UER5.50ISO	●	●	●	●	●	5.50		1/2"	22	2.3	11		
		22UER6.00ISO	●	●	●	●	●	6.00		1/2"	22	2.6	11		
		27UER8.00ISO	●	●	●	●	●	8.00		5/8"	27	2.4	13.7		

ISO Metric

Application	Picture	Designation	Coated				Uncoated		Pitch		Dimensions (mm)				Configuration
			KTX	KC3310	KKX	KP2130	H01	KW12	mm	TPI	IC	L	X	Y	
Internal		06IR/L0.50ISO	●	●	●	●	●	●	0.50		5/32"	06	0.5	0.5	
		06IR/L0.75ISO	●	●	●	●	●	●	0.75		5/32"	06	0.5	0.5	
		06IR/L1.00ISO	●	●	●	●	●	●	1.00		5/32"	06	0.5	0.6	
		06IR/L1.25ISO	●	●	●	●	●	●	1.25		5/32"	06	0.6	0.6	
		08IR/L0.50ISO	●	●	●	●	●	●	0.50		3/16"	08	0.6	0.5	
		08IR/L0.75ISO	●	●	●	●	●	●	0.75		3/16"	08	0.6	0.5	
		08IR/L1.00ISO	●	●	●	●	●	●	1.00		3/16"	08	0.6	0.6	
		08IR/L1.25ISO	●	●	●	●	●	●	1.25		3/16"	08	0.6	0.7	
		08IR/L1.50ISO	●	●	●	●	●	●	1.50		3/16"	08	0.6	0.7	
		08IR/L1.75ISO	●	●	●	●	●	●	1.75		3/16"	08	1.0	0.8	
		11IR/L0.35ISO	●	●	●	●	●	●	0.35		1/4"	11	0.8	0.3	
		11IR/L0.40ISO	●	●	●	●	●	●	0.40		1/4"	11	0.8	0.4	
		11IR/L0.45ISO	●	●	●	●	●	●	0.45		1/4"	11	0.8	0.4	
		11IR/L0.50ISO	●	●	●	●	●	●	0.50		1/4"	11	0.6	0.6	
		11IR/L0.60ISO	●	●	●	●	●	●	0.60		1/4"	11	0.6	0.6	
		11IR/L0.70ISO	●	●	●	●	●	●	0.70		1/4"	11	0.6	0.6	
		11IR/L0.75ISO	●	●	●	●	●	●	0.75		1/4"	11	0.6	0.6	
		11IR/L0.80ISO	●	●	●	●	●	●	0.80		1/4"	11	0.6	0.6	
		11IR/L1.00ISO	●	●	●	●	●	●	1.00		1/4"	11	0.6	0.7	
		11IR/L1.25ISO	●	●	●	●	●	●	1.25		1/4"	11	0.8	0.9	
		11IR/L1.50ISO	●	●	●	●	●	●	1.50		1/4"	11	0.8	1.0	
		11IR/LM1.50ISO	●	●	●	●	●	●	1.50		1/4"	11	0.8	1.0	
		11IR/L1.75ISO	●	●	●	●	●	●	1.75		1/4"	11	0.9	1.1	
		11IR/L2.00ISO	●	●	●	●	●	●	2.00		1/4"	11	0.8	0.9	
		16IR/L0.35ISO	●	●	●	●	●	●	0.35		3/8"	16	0.8	0.3	
		16IR/L0.40ISO	●	●	●	●	●	●	0.40		3/8"	16	0.8	0.4	
		16IR/L0.45ISO	●	●	●	●	●	●	0.45		3/8"	16	0.8	0.4	
		16IR/L0.50ISO	●	●	●	●	●	●	0.50		3/8"	16	0.6	0.6	
		16IR/L0.60ISO	●	●	●	●	●	●	0.60		3/8"	16	0.6	0.6	
		16IR/L0.70ISO	●	●	●	●	●	●	0.70		3/8"	16	0.6	0.6	
		16IR/L0.75ISO	●	●	●	●	●	●	0.75		3/8"	16	0.6	0.6	
		16IR/L0.80ISO	●	●	●	●	●	●	0.80		3/8"	16	0.6	0.6	
		16IR/L1.00ISO	●	●	●	●	●	●	1.00		3/8"	16	0.6	0.7	
		16IR/LM1.00ISO	●	●	●	●	●	●	1.00		3/8"	16	0.6	0.7	
		16IR/L1.25ISO	●	●	●	●	●	●	1.25		3/8"	16	0.8	0.9	
		16IR/LM1.25ISO	●	●	●	●	●	●	1.25		3/8"	16	0.8	0.9	
		16IR/L1.50ISO	●	●	●	●	●	●	1.50		3/8"	16	0.8	1.0	
		16IR/LM1.50ISO	●	●	●	●	●	●	1.50		3/8"	16	0.8	1.0	
		16IR/L1.75ISO	●	●	●	●	●	●	1.75		3/8"	16	0.9	1.2	
		16IR/LM1.75ISO	●	●	●	●	●	●	1.75		3/8"	16	0.9	1.2	
		16IR/L2.00ISO	●	●	●	●	●	●	2.00		3/8"	16	1.0	1.3	
		16IR/LM2.00ISO	●	●	●	●	●	●	2.00		3/8"	16	1.0	1.3	
		16IR/L2.50ISO	●	●	●	●	●	●	2.50		3/8"	16	1.1	1.5	
		16IR/LM2.50ISO	●	●	●	●	●	●	2.50		3/8"	16	1.1	1.5	
		16IR/L3.00ISO	●	●	●	●	●	●	3.00		3/8"	16	1.1	1.5	
16IR/LM3.00ISO	●	●	●	●	●	●	3.00		3/8"	16	1.1	1.5			
22IR/L3.50ISO	●	●	●	●	●	●	3.50		1/2"	22	1.6	2.3			
22IR/L4.00ISO	●	●	●	●	●	●	4.00		1/2"	22	1.6	2.3			
22IR/L4.50ISO	●	●	●	●	●	●	4.50		1/2"	22	1.6	2.3			
22IR/L5.00ISO	●	●	●	●	●	●	5.00		1/2"	22	1.6	2.3			
27IR/L5.50ISO	●	●	●	●	●	●	5.50		5/8"	27	1.6	2.3			
27IR/L6.00ISO	●	●	●	●	●	●	6.00		5/8"	27	1.8	2.5			
22UIR5.50ISO	●	●	●	●	●	●	5.50		1/2"	22	2.4	11.0			
22UIR6.00ISO	●	●	●	●	●	●	6.00		1/2"	22	2.1	11.0			
27UIR8.00ISO	●	●	●	●	●	●	8.00		5/8"	27	2.4	13.7			

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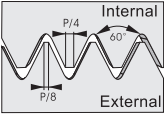
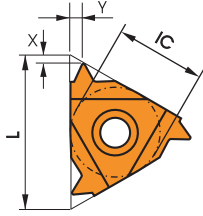

Whitworth for BSW BSF BSP

Application	Picture	Designation	Coated				Uncoated		Pitch		Dimensions (mm)				Configuration
			KTX	KC3310	KKX	KP2130	H01	KW12	mm	TPI	IC	L	X	Y	
External		11ER/L48W	●	●	●	●	●	●		48	1/4"	11	0.6	0.6	 
		11ER/L36W	●	●	●	●	●	●		36	1/4"	11	0.6	0.6	
		11ER/L32W	●	●	●	●	●	●		32	1/4"	11	0.6	0.6	
		11ER/L28W	●	●	●	●	●	●		28	1/4"	11	0.6	0.7	
		11ER/L26W	●	●	●	●	●	●		26	1/4"	11	0.7	0.8	
		11ER/L24W	●	●	●	●	●	●		24	1/4"	11	0.7	0.8	
		11ER/L22W	●	●	●	●	●	●		22	1/4"	11	0.8	0.9	
		11ER/L20W	●	●	●	●	●	●		20	1/4"	11	0.8	0.9	
		11ER/L19W	●	●	●	●	●	●		19	1/4"	11	0.8	1.0	
		11ER/L18W	●	●	●	●	●	●		18	1/4"	11	0.8	1.0	
		11ER/L16W	●	●	●	●	●	●		16	1/4"	11	0.9	1.1	
		11ER/L14W	●	●	●	●	●	●		14	1/4"	11	1.0	1.2	
		16ER/L56W	●	●	●	●	●	●		56	3/8"	16	0.7	0.4	
		16ER/L40W	●	●	●	●	●	●		40	3/8"	16	0.6	0.6	
		16ER/L32W	●	●	●	●	●	●		32	3/8"	16	0.6	0.6	
		16ER/L28W	●	●	●	●	●	●		28	3/8"	16	0.6	0.7	
		16ER/L26W	●	●	●	●	●	●		26	3/8"	16	0.7	0.8	
		16ER/L24W	●	●	●	●	●	●		24	3/8"	16	0.7	0.8	
		16ER/L22W	●	●	●	●	●	●		22	3/8"	16	0.8	0.9	
		16ER/L20W	●	●	●	●	●	●		20	3/8"	16	0.8	0.9	
		16ER/L19W	●	●	●	●	●	●		19	3/8"	16	0.8	1.0	
		16ER/LM19W	●	●	●	●	●	●		19	3/8"	16	0.8	1.0	
		16ER/L18W	●	●	●	●	●	●		18	3/8"	16	0.8	1.0	
		16ER/L16W	●	●	●	●	●	●		16	3/8"	16	0.9	1.1	
		16ER/LM16W	●	●	●	●	●	●		16	3/8"	16	0.9	1.1	
		16ER/L14W	●	●	●	●	●	●		14	3/8"	16	1.0	1.2	
		16ER/LM14W	●	●	●	●	●	●		14	3/8"	16	1.0	1.2	
		16ER/L12W	●	●	●	●	●	●		12	3/8"	16	1.1	1.4	
		16ER/L11W	●	●	●	●	●	●		11	3/8"	16	1.1	1.5	
		16ER/LM11W	●	●	●	●	●	●		11	3/8"	16	1.1	1.5	
		16ER/L10W	●	●	●	●	●	●		10	3/8"	16	1.1	1.5	
		16ER/L9W	●	●	●	●	●	●		9	3/8"	16	1.2	1.7	
		16ER/L8W	●	●	●	●	●	●		8	3/8"	16	1.2	1.5	
		22ER/L07W	●	●	●	●	●	●		7	1/2"	22	1.6	2.3	
		22ER/L06W	●	●	●	●	●	●		6	1/2"	22	1.6	2.3	
		22ER/L05W	●	●	●	●	●	●		5	1/2"	22	1.7	2.4	
27ER/L4.5W	●	●	●	●	●	●		4.5	5/8"	27	1.8	2.6			
27ER/L4W	●	●	●	●	●	●		4	5/8"	27	2.0	2.9			
22UER4.5W	●	●	●	●	●	●		4.5	1/2"	22	2.3	11			
22UER04W	●	●	●	●	●	●		4	1/2"	22	1.8	11			
27UER3.5W	●	●	●	●	●	●		3.5	5/8"	27	2.1	13.7			
27UER3.25W	●	●	●	●	●	●		3.25	5/8"	27	2.0	13.7			
27UER3.00W	●	●	●	●	●	●		3	5/8"	27	2.3	13.7			
27UER2.75W	●	●	●	●	●	●		2.75	5/8"	27	2.4	13.7			

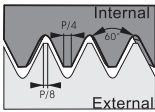

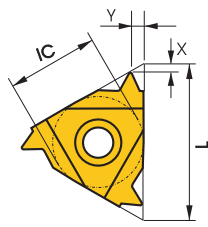
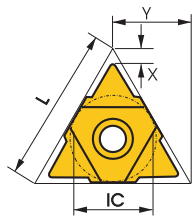
Whitworth for BSW BSF BSP

Application	Picture	Designation	Coated				Uncoated		Pitch		Dimensions (mm)				Configuration
			KTX	KC3310	KKX	KP2130	H01	KW12	mm	TPI	IC	L	X	Y	
Internal		06IR/L26W	●	●	●	●	●	●		26	5/32"	06	0.7	0.6	
		06IR/L22W	●	●	●	●	●	●		22	5/32"	06	0.6	0.6	
	06IR/L20W	●	●	●	●	●	●		20	5/32"	06	0.6	0.7		
	06IR/L18W	●	●	●	●	●	●		18	5/32"	06	0.6	0.7		
	08IR/L28W	●	●	●	●	●	●		28	3/16"	08	0.6	0.6		
	08IR/L24W	●	●	●	●	●	●		24	3/16"	08	0.6	0.6		
	08IR/L20W	●	●	●	●	●	●		20	3/16"	08	0.6	0.7		
	08IR/L19W	●	●	●	●	●	●		19	3/16"	08	0.6	0.7		
	08IR/L18W	●	●	●	●	●	●		18	3/16"	08	0.6	0.7		
	08IR/L16W	●	●	●	●	●	●		16	3/16"	08	0.6	0.7		
	11IR/L48W	●	●	●	●	●	●		48	1/4"	11	0.6	0.6		
	11IR/L36W	●	●	●	●	●	●		36	1/4"	11	0.6	0.6		
	11IR/L32W	●	●	●	●	●	●		32	1/4"	11	0.6	0.6		
	11IR/L28W	●	●	●	●	●	●		28	1/4"	11	0.6	0.7		
	11IR/L26W	●	●	●	●	●	●		26	1/4"	11	0.7	0.8		
	11IR/L24W	●	●	●	●	●	●		24	1/4"	11	0.7	0.8		
	11IR/L22W	●	●	●	●	●	●		22	1/4"	11	0.8	0.9		
	11IR/L20W	●	●	●	●	●	●		20	1/4"	11	0.8	0.9		
	11IR/L19W	●	●	●	●	●	●		19	1/4"	11	0.8	1.0		
	11IR/L18W	●	●	●	●	●	●		18	1/4"	11	0.8	1.0		
	11IR/L16W	●	●	●	●	●	●		16	1/4"	11	0.9	1.1		
	11IR/L14W	●	●	●	●	●	●		14	1/4"	11	0.9	1.1		
	16IR/LM56W	●	●	●	●	●	●		56	3/8"	16	0.7	0.4		
	16IR/L40W	●	●	●	●	●	●		40	3/8"	16	0.6	0.6		
	16IR/L32W	●	●	●	●	●	●		32	3/8"	16	0.6	0.6		
	16IR/LM28W	●	●	●	●	●	●		28	3/8"	16	0.6	0.7		
	16IR/L26W	●	●	●	●	●	●		26	3/8"	16	0.7	0.8		
	16IR/L24W	●	●	●	●	●	●		24	3/8"	16	0.7	0.8		
	16IR/L22W	●	●	●	●	●	●		22	3/8"	16	0.8	0.9		
	16IR/L20W	●	●	●	●	●	●		20	3/8"	16	0.8	0.9		
	16IR/L19W	●	●	●	●	●	●		19	3/8"	16	0.8	1.0		
	16IR/LM19W	●	●	●	●	●	●		19	3/8"	16	0.8	1.0		
	16IR/L18W	●	●	●	●	●	●		18	3/8"	16	0.8	1.0		
	16IR/L16W	●	●	●	●	●	●		16	3/8"	16	0.9	1.1		
	16IR/LM16W	●	●	●	●	●	●		16	3/8"	16	0.9	1.2		
	16IR/L14W	●	●	●	●	●	●		14	3/8"	16	1.0	1.2		
	16IR/LM14W	●	●	●	●	●	●		14	3/8"	16	1.0	1.4		
	16IR/L12W	●	●	●	●	●	●		12	3/8"	16	1.1	1.5		
	16IR/L11W	●	●	●	●	●	●		11	3/8"	16	1.1	1.5		
	16IR/LM11W	●	●	●	●	●	●		11	3/8"	16	1.1	1.5		
	16IR/L10W	●	●	●	●	●	●		10	3/8"	16	1.1	1.7		
	16IR/L9W	●	●	●	●	●	●		9	3/8"	16	1.2	1.5		
16IR/L8W	●	●	●	●	●	●		8	3/8"	16	1.2	2.3			
22IR/L7W	●	●	●	●	●	●		7	1/2"	22	1.6	2.3			
22IR/L6W	●	●	●	●	●	●		6	1/2"	22	1.6	2.3			
22IR/L5W	●	●	●	●	●	●		5	1/2"	22	1.7	2.4			
27IR/L4.5W	●	●	●	●	●	●		4.5	5/8"	27	1.8	2.6			
27IR/L4W	●	●	●	●	●	●		4	5/8"	27	2.0	2.9			
08UIR14W	●	●	●	●	●	●		14	3/16"	08	1.0	4.0			
08UIR12W	●	●	●	●	●	●		12	3/16"	08	0.9	4.0			
08UIR11W	●	●	●	●	●	●		11	3/16"	08	0.9	4.0			
22UIR4.5W	●	●	●	●	●	●		4.5	1/2"	22	2.3	11			
22UIR4W	●	●	●	●	●	●		4	1/2"	22	1.8	11			
27UIR3.5W	●	●	●	●	●	●		3.5	5/8"	27	2.1	13.7			
27UIR3.25W	●	●	●	●	●	●		3.25	5/8"	27	2.0	13.7			
27UIR3.0W	●	●	●	●	●	●		3	5/8"	27	2.3	13.7			
27UIR2.75W	●	●	●	●	●	●		2.75	5/8"	27	2.4	13.7			

American UN:UN,UNC,UNF,UNEF

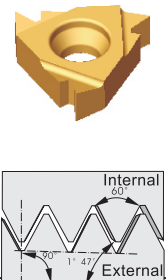
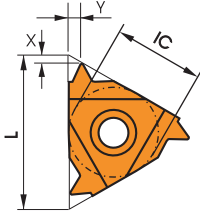

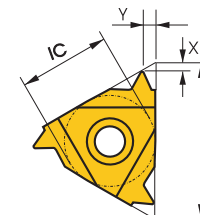
Application	Picture	Designation	Coated				Uncoated		Pitch		Dimensions (mm)				Configuration	
			KTX	KC3310	KKX	KP2130	H01	KW12	mm	TPI	IC	L	X	Y		
External		11ER/L56UN	●	●	●	●	●	●		56	1/4"	11	0.7	0.4		
		11ER/L48UN	●	●	●	●	●	●		48	1/4"	11	0.6	0.6		
	11ER/L44UN	●	●	●	●	●	●		44	1/4"	11	0.6	0.6			
	11ER/L40UN	●	●	●	●	●	●		40	1/4"	11	0.6	0.6			
	11ER/L36UN	●	●	●	●	●	●		36	1/4"	11	0.6	0.6			
	11ER/L32UN	●	●	●	●	●	●		32	1/4"	11	0.6	0.6			
	11ER/L28UN	●	●	●	●	●	●		28	1/4"	11	0.6	0.7			
	11ER/L24UN	●	●	●	●	●	●		24	1/4"	11	0.7	0.8			
	11ER/L20UN	●	●	●	●	●	●		20	1/4"	11	0.8	0.9			
	11ER/L18UN	●	●	●	●	●	●		18	1/4"	11	0.8	1.0			
	11ER/L16UN	●	●	●	●	●	●		16	1/4"	11	0.9	1.1			
	16ER/L56UN		16ER/L52UN	●	●	●	●	●	●		56	3/8"	16	0.7		0.4
	16ER/L48UN		●	●	●	●	●	●	●		52	3/8"	16	0.6		0.6
	16ER/L40UN		●	●	●	●	●	●	●		48	3/8"	16	0.6		0.6
	16ER/L36UN		●	●	●	●	●	●	●		40	3/8"	16	0.6		0.6
	16ER/L32UN		●	●	●	●	●	●	●		36	3/8"	16	0.6		0.6
	16ER/L32UN		●	●	●	●	●	●	●		32	3/8"	16	0.6		0.7
	16ER/L28UN		●	●	●	●	●	●	●		28	3/8"	16	0.7		0.8
	16ER/L24UN		●	●	●	●	●	●	●		24	3/8"	16	0.7		0.8
	16ER/LM24UN		●	●	●	●	●	●	●		24	3/8"	16	0.8		0.9
	16ER/L20UN		●	●	●	●	●	●	●		20	3/8"	16	0.8		0.9
	16ER/LM20UN		●	●	●	●	●	●	●		20	3/8"	16	0.8		1.0
	16ER/L18UN		●	●	●	●	●	●	●		18	3/8"	16	0.8		1.0
	16ER/LM18UN		●	●	●	●	●	●	●		18	3/8"	16	0.9		1.1
	16ER/L16UN		●	●	●	●	●	●	●		16	3/8"	16	0.9		1.1
	16ER/LM16UN		●	●	●	●	●	●	●		16	3/8"	16	1.0		1.2
	16ER/L14UN		●	●	●	●	●	●	●		14	3/8"	16	1.0		1.2
	16ER/LM14UN		●	●	●	●	●	●	●		14	3/8"	16	1.0		1.3
	16ER/L13UN		●	●	●	●	●	●	●		13	3/8"	16	1.1		1.4
	16ER/L12UN		●	●	●	●	●	●	●		12	3/8"	16	1.1		1.4
	16ER/LM12UN		●	●	●	●	●	●	●		12	3/8"	16	1.1		1.5
	16ER/LM11.5UN		●	●	●	●	●	●	●		11.5	3/8"	16	1.1		1.5
	16ER/L11UN		●	●	●	●	●	●	●		11	3/8"	16	1.1		1.5
	16ER/L10UN		●	●	●	●	●	●	●		10	3/8"	16	1.1		1.5
16ER/L9UN	●		●	●	●	●	●	●		9	3/8"	16	1.2	1.7		
16ER/L8UN	●		●	●	●	●	●	●		8	3/8"	16	1.2	1.6		
16ER/LM8UN	●		●	●	●	●	●	●		8	3/8"	16	1.2	1.6		
22ER/L7UN	●		●	●	●	●	●	●		7	1/2"	22	1.6	2.3		
22ER/L6UN	●		●	●	●	●	●	●		6	1/2"	22	1.6	2.3		
22ER/L5UN	●	●	●	●	●	●	●		5	1/2"	22	1.7	2.5			
27ER/L4.5UN	●	●	●	●	●	●	●		4.5	5/8"	27	1.9	2.7			
27ER/L4UN	●	●	●	●	●	●	●		4	5/8"	27	2.1	3.0			
22UER4.5UN	●	●	●	●	●	●	●		4.5	1/2"	22	2.0	11			
22UER4UN	●	●	●	●	●	●	●		4	1/2"	22	2.0	11			
27UER3UN	●	●	●	●	●	●	●		3	5/8"	27	2.5	13.7			

American UN:UN,UNC,UNF,UNEF

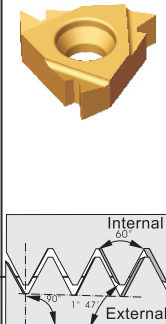
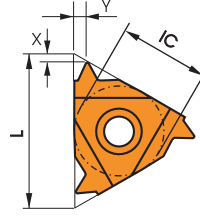

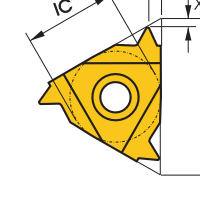
Application	Picture	Designation	Coated				Uncoated		Pitch		Dimensions (mm)				Configuration
			KTX	KC3310	KKX	KP2130	H01	KW12	mm	TPI	IC	L	X	Y	
Internal	 	06IR/L32UN	●	●	●	●	●	●		32	5/32"	06	0.5	0.5	
		06IR/L28UN	●	●	●	●	●	●		28	5/32"	06	0.5	0.5	
		06IR/L24UN	●	●	●	●	●	●		24	5/32"	06	0.5	0.6	
		06IR/L20UN	●	●	●	●	●	●		20	5/32"	06	0.6	0.6	
		06IR/L18UN	●	●	●	●	●	●		18	5/32"	06	0.6	0.6	
		08IR/L32UN	●	●	●	●	●	●		32	3/16"	08	0.6	0.5	
		08IR/L28UN	●	●	●	●	●	●		28	3/16"	08	0.6	0.6	
		08IR/L24UN	●	●	●	●	●	●		24	3/16"	08	0.6	0.6	
		08IR/L20UN	●	●	●	●	●	●		20	3/16"	08	0.6	0.7	
		08IR/L18UN	●	●	●	●	●	●		18	3/16"	08	0.6	0.7	
		08IR/L16UN	●	●	●	●	●	●		16	3/16"	08	0.6	0.7	
		08IR/L14UN	●	●	●	●	●	●		14	3/16"	08	0.6	0.8	
		11IR/L72UN	●	●	●	●	●	●		72	1/4"	11	0.8	0.4	
		11IR/L64UN	●	●	●	●	●	●		64	1/4"	11	0.8	0.3	
		11IR/L56UN	●	●	●	●	●	●		56	1/4"	11	0.7	0.4	
		11IR/L48UN	●	●	●	●	●	●		48	1/4"	11	0.6	0.4	
		11IR/L40UN	●	●	●	●	●	●		40	1/4"	11	0.6	0.6	
		11IR/L36UN	●	●	●	●	●	●		36	1/4"	11	0.6	0.6	
		11IR/L32UN	●	●	●	●	●	●		32	1/4"	11	0.6	0.6	
		11IR/L28UN	●	●	●	●	●	●		28	1/4"	11	0.6	0.7	
		11IR/L24UN	●	●	●	●	●	●		24	1/4"	11	0.7	0.8	
		11IR/L20UN	●	●	●	●	●	●		20	1/4"	11	0.8	0.9	
		11IR/L18UN	●	●	●	●	●	●		18	1/4"	11	0.8	1.0	
		11IR/L16UN	●	●	●	●	●	●		16	1/4"	11	0.9	1.1	
		11IR/L14UN	●	●	●	●	●	●		14	1/4"	11	0.9	1.1	
		16IR/L56UN	●	●	●	●	●	●		56	3/8"	16	0.7	0.4	
		16IR/L44UN	●	●	●	●	●	●		44	3/8"	16	0.6	0.6	
		16IR/L40UN	●	●	●	●	●	●		40	3/8"	16	0.6	0.6	
		16IR/L36UN	●	●	●	●	●	●		36	3/8"	16	0.6	0.6	
		16IR/L32UN	●	●	●	●	●	●		32	3/8"	16	0.6	0.6	
		16IR/L28UN	●	●	●	●	●	●		28	3/8"	16	0.6	0.7	
		16IR/L24UN	●	●	●	●	●	●		24	3/8"	16	0.7	0.8	
		16IR/L20UN	●	●	●	●	●	●		20	3/8"	16	0.8	0.9	
		16IR/LM20UN	●	●	●	●	●	●		20	3/8"	16	0.8	0.9	
		16IR/L18UN	●	●	●	●	●	●		18	3/8"	16	0.8	1.0	
		16IR/LM18UN	●	●	●	●	●	●		18	3/8"	16	0.8	1.0	
		16IR/L16UN	●	●	●	●	●	●		16	3/8"	16	0.9	1.1	
		16IR/LM16UN	●	●	●	●	●	●		16	3/8"	16	0.9	1.1	
		16IR/L14UN	●	●	●	●	●	●		14	3/8"	16	0.9	1.2	
		16IR/LM14UN	●	●	●	●	●	●		14	3/8"	16	0.9	1.2	
16IR/L13UN	●	●	●	●	●	●		13	3/8"	16	1.0	1.3			
16IR/L12UN	●	●	●	●	●	●		12	3/8"	16	1.1	1.4			
16IR/LM12UN	●	●	●	●	●	●		12	3/8"	16	1.1	1.4			
16IR/L11.5UN	●	●	●	●	●	●		11.5	3/8"	16	1.1	1.5			
16IR/L11UN	●	●	●	●	●	●		11	3/8"	16	1.1	1.5			
16IR/L10UN	●	●	●	●	●	●		10	3/8"	16	1.1	1.5			
16IR/L9UN	●	●	●	●	●	●		9	3/8"	16	1.2	1.7			
16IR/L8UN	●	●	●	●	●	●		8	3/8"	16	1.1	1.5			
16IR/LM8UN	●	●	●	●	●	●		8	3/8"	16	1.1	1.5			
22IR/L7UN	●	●	●	●	●	●		7	1/2"	22	1.6	2.3			
22IR/L6UN	●	●	●	●	●	●		6	1/2"	22	1.6	2.3			
22IR/L5UN	●	●	●	●	●	●		5	1/2"	22	1.6	2.3			
27IR/L4.5UN	●	●	●	●	●	●		4.5	5/8"	27	1.7	2.4			
27IR/L4UN	●	●	●	●	●	●		4	5/8"	27	1.8	2.7			
		22UIR4.5UN	●	●	●	●	●		4.5	1/2"	22	2.4	11		
		22UIR4UN	●	●	●	●	●		4	1/2"	22	2.4	11		
		27UIR3UN	●	●	●	●	●		3	5/8"	27	2.7	13.7		

B


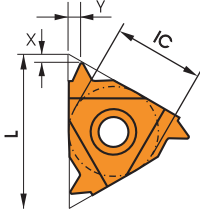

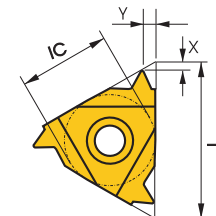
National Pipe Thread :NPT

Application	Picture	Designation	Coated		Uncoated		Pitch		Dimensions (mm)				Configuration		
			KTX	KC3310	KKX	KP2130	H01	KW12	mm	TPI	IC	L		X	Y
External		16ER/L27NPT	●	●	●	●	●	●		27	3/8"	16	0.7	0.8	
		16ER/L18NPT	●	●	●	●	●	●		18	3/8"	16	0.8	1.0	
		16ER/LM18NPT	●	●	●	●	●	●		18	3/8"	16	0.8	1.0	
		16ER/L14NPT	●	●	●	●	●	●		14	3/8"	16	0.9	1.2	
		16ER/LM14NPT	●	●	●	●	●	●		14	3/8"	16	0.9	1.2	
		16ER/L11.5NPT	●	●	●	●	●	●		11.5	3/8"	16	1.1	1.5	
		16ER/LM11.5NPT	●	●	●	●	●	●		11.5	3/8"	16	1.1	1.5	
		16ER/L8NPT	●	●	●	●	●	●		8	3/8"	16	1.3	1.8	
		16ER/LM8NPT	●	●	●	●	●	●		8	3/8"	16	1.2	1.8	
Internal		06IR/L27NPT	●	●	●	●	●	●		27	5/32"	06	0.6	0.6	
		08IR/L27NPT	●	●	●	●	●	●		27	3/16"	08	0.6	0.6	
		08IR/L18NPT	●	●	●	●	●	●		18	3/16"	08	0.6	0.6	
		11IR/L27NPT	●	●	●	●	●	●		27	1/4"	11	0.7	0.8	
		11IR/L18NPT	●	●	●	●	●	●		18	1/4"	11	0.8	1.0	
		11IR/L14NPT	●	●	●	●	●	●		14	1/4"	11	0.8	1.0	
		16IT/L27NPT	●	●	●	●	●	●		27	3/8"	16	0.7	0.8	
		16IR/L18NPT	●	●	●	●	●	●		18	3/8"	16	0.8	1.0	
		16IR/L14NPT	●	●	●	●	●	●		14	3/8"	16	0.9	1.2	
		16IR/LM14NPT	●	●	●	●	●	●		14	3/8"	16	0.9	1.2	
		16IR/L11.5NPT	●	●	●	●	●	●		11.5	3/8"	16	1.1	1.5	
		16IR/LM11.5NPT	●	●	●	●	●	●		11.5	3/8"	16	1.1	1.5	
		16IR/L8NPT	●	●	●	●	●	●		8	3/8"	16	1.2	1.8	
		16IR/LM8NPT	●	●	●	●	●	●		8	3/8"	16	1.2	1.8	

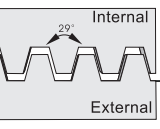
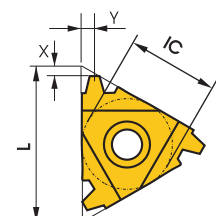
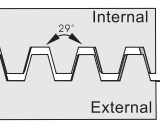
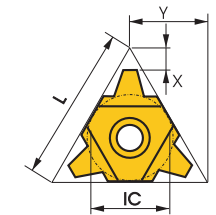
National Pipe Thread-Dryseal :NPTF

Application	Picture	Designation	Coated		Uncoated		Pitch		Dimensions (mm)				Configuration		
			KTX	KC3310	KKX	KP2130	H01	KW12	mm	TPI	IC	L		X	Y
External		11ER/L27NPTF	●	●	●	●	●	●		27	1/4"	11	0.7	0.7	
		11ER/L18NPTF	●	●	●	●	●	●		18	1/4"	11	0.8	1.0	
		11ER/LM18NPTF	●	●	●	●	●	●		18	1/4"	11	0.8	1.0	
		16ER/L27NPTF	●	●	●	●	●	●		27	3/8"	16	0.7	0.7	
		16ER/L18NPTF	●	●	●	●	●	●		18	3/8"	16	0.8	1.0	
		16ER/L14NPTF	●	●	●	●	●	●		14	3/8"	16	0.9	1.2	
		16ER/L11.5NPTF	●	●	●	●	●	●		11.5	3/8"	16	1.1	1.5	
Internal		06IR/L27NPTF	●	●	●	●	●	●		27	5/32"	06	0.6	0.6	
		08IR/L27NPTF	●	●	●	●	●	●		27	3/16"	08	0.6	0.6	
		08IR/L18NPT	●	●	●	●	●	●		18	3/16"	08	0.6	0.6	
		11IR/L27NPTF	●	●	●	●	●	●		27	1/4"	11	0.7	0.7	
		11IR/L18NPTF	●	●	●	●	●	●		18	1/4"	11	0.8	1.0	
		11IR/L14NPTF	●	●	●	●	●	●		14	1/4"	11	0.8	1.0	
		16IR/L27NPTF	●	●	●	●	●	●		27	3/8"	16	0.7	0.7	
		16IR/L18NPTF	●	●	●	●	●	●		18	3/8"	16	0.8	1.0	
		16IR/L14NPTF	●	●	●	●	●	●		14	3/8"	16	0.9	1.2	
		16IR/L11.5NPTF	●	●	●	●	●	●		11.5	3/8"	16	1.1	1.5	
16IR/L8 NPTF	●	●	●	●	●	●		8	3/8"	16	1.3	1.8			

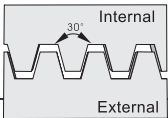
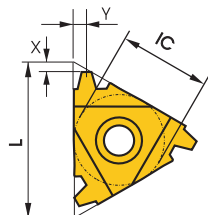

● British Standard Pipe Thread :BSPT

Application	Picture	Designation	Coated				Uncoated		Pitch		Dimensions (mm)				Configuration
			KTX	KC3310	KKX	KP2130	H01	KW12	mm	TPI	IC	L	X	Y	
External		16ER/L28BSPT	●	●	●	●	●	●		28	3/8"	16	0.6	0.6	
		16ER/L19BSPT	●	●	●	●	●	●		19	3/8"	16	0.8	0.9	
		16ER/L14BSPT	●	●	●	●	●	●		14	3/8"	16	1.0	1.2	
		16ER/L11BSPT	●	●	●	●	●	●		11	3/8"	16	1.1	1.5	
Internal		06IR/L27BSPT	●	●	●	●	●	●		27	5/32"	06	0.7	0.6	
		11IR/L28BSPT	●	●	●	●	●	●		28	1/4"	11	0.6	0.6	
		11IR/L19BSPT	●	●	●	●	●	●		19	1/4"	11	0.8	0.9	
		11IR/L14BSPT	●	●	●	●	●	●		14	1/4"	11	0.9	1.0	
		16IR/L28BSPT	●	●	●	●	●	●		28	3/8"	16	0.6	0.6	
		16IR/L19BSPT	●	●	●	●	●	●		19	3/8"	16	0.8	0.9	
		16IR/L14BSPT	●	●	●	●	●	●		14	3/8"	16	1.0	1.2	
		16IR/L11BSPT	●	●	●	●	●	●		11	3/8"	16	1.1	1.5	

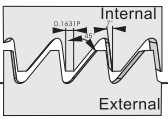
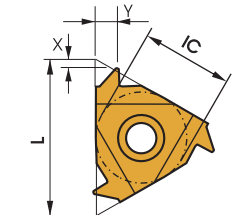

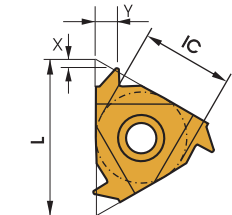
● American ACME

Application	Picture	Designation	Coated				Uncoated		Pitch		Dimensions (mm)				Configuration
			KTX	KC3310	KKX	KP2130	H01	KW12	mm	TPI	IC	L	X	Y	
External		16ER/L16ACME	●	●	●	●	●	●		16	3/8"	16	1.0	1.1	
		16ER/L14ACME	●	●	●	●	●	●		14	3/8"	16	1.0	1.2	
		16ER/L12ACME	●	●	●	●	●	●		12	3/8"	16	1.1	1.2	
		16ER/L10ACME	●	●	●	●	●	●		10	3/8"	16	1.3	1.3	
		16ER/L8ACME	●	●	●	●	●	●		8	3/8"	16	1.4	1.5	
		22ER/L6ACME	●	●	●	●	●	●		6	1/2"	22	1.8	2.1	
		22ER/L5ACME	●	●	●	●	●	●		5	1/2"	22	2.0	2.3	
		27ER/L4ACME	●	●	●	●	●	●		4	5/8"	27	2.4	2.7	
Internal		27UER3ACME	●	●	●	●	●	●		3	5/8"	27	3.0	13.7	
		16IR/L16ACME	●	●	●	●	●	●		16	3/8"	16	1.0	1.1	
		16IR/L14ACME	●	●	●	●	●	●		14	3/8"	16	1.1	1.2	
		16IR/L12ACME	●	●	●	●	●	●		12	3/8"	16	1.2	1.2	
		16IR/L10ACME	●	●	●	●	●	●		10	3/8"	16	1.2	1.3	
		16IR/L8ACME	●	●	●	●	●	●		8	3/8"	16	1.4	1.5	
		22IR/L6ACME	●	●	●	●	●	●		6	1/2"	22	1.8	2.1	
		22IR/L5ACME	●	●	●	●	●	●		5	1/2"	22	2.0	2.3	

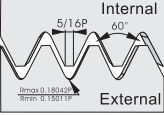
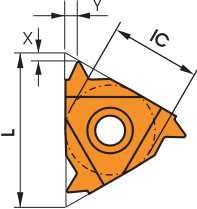

Trapez DIN 103

Application	Picture	Designation	Coated				Uncoated		Pitch		Dimensions (mm)			Configuration	
			KTX	KC3310	KKX	KP2130	H01	KW12	mm	TPI	IC	L	X		Y
External		16ER/L1.5 TR	●	●	●	●	●	●		1.5	3/8"	16	1.0	1.1	
		16ER/L2 TR	●	●	●	●	●	●		2	3/8"	16	1.1	1.3	
		16ER/L3 TR	●	●	●	●	●	●		3	3/8"	16	1.3	1.5	
		22ER/L4 TR	●	●	●	●	●	●		4	1/2"	22	1.7	1.9	
		22ER/L5 TR	●	●	●	●	●	●		5	1/2"	22	2.1	2.5	
		27ER/L6 TR	●	●	●	●	●	●		6	5/8"	27	2.3	2.7	
		27ER/L 7TR	●	●	●	●	●	●		7	5/8"	27	2.2	2.6	
		22UER6 TR	●	●	●	●	●	●		6	1/2"	22	2.0	11	
		22UER7 TR	●	●	●	●	●	●		7	1/2"	22	2.3	11	
		27UER8 TR	●	●	●	●	●	●		8	5/8"	27	2.6	13.7	
		27UER9 TR	●	●	●	●	●	●		9	5/8"	27	3.0	13.7	
		Internal		08IR/L1.5 TR	●	●	●	●	●	●		1.5	5/32"	08	
16IR/L2 TR	●			●	●	●	●	●		2	3/8"	16	1.1	1.3	
16IR/L3 TR	●			●	●	●	●	●		3	3/8"	16	1.3	1.5	
22IR/L4 TR	●			●	●	●	●	●		4	1/2"	22	1.7	1.9	
22IR/L5 TR	●			●	●	●	●	●		5	1/2"	22	2.1	2.5	
27IR/L6 TR	●			●	●	●	●	●		6	5/8"	27	2.3	2.7	
27IR/L7 TR	●			●	●	●	●	●		7	5/8"	27	2.2	2.6	
08UIR2 TR	●			●	●	●	●	●		2	5/32"	08	0.9	4.0	
22UIR6 TR	●			●	●	●	●	●		6	1/2"	22	2.0	11	
22UIR7 TR	●			●	●	●	●	●		7	1/2"	22	2.3	11	
27UIR8 TR	●			●	●	●	●	●		8	5/8"	27	2.6	13.7	
27UIR9 TR	●			●	●	●	●	●		9	5/8"	27	3.0	13.7	

American Buttress

Application	Picture	Designation	Coated				Uncoated		Pitch		Dimensions (mm)			Configuration	
			KTX	KC3310	KKX	KP2130	H01	KW12	mm	TPI	IC	L	X		Y
External		11ER/L20ABUT	●	●	●	●	●	●		20	1/4"	11	1.0	1.4	
		11ER/L16ABUT	●	●	●	●	●	●		16	1/4"	11	1.3	1.9	
		16ER/L20ABUT	●	●	●	●	●	●		20	3/8"	16	1.0	1.4	
		16ER/L16ABUT	●	●	●	●	●	●		16	3/8"	16	1.3	1.9	
		16ER/L12ABUT	●	●	●	●	●	●		12	3/8"	16	1.4	2.0	
		16ER/L10ABUT	●	●	●	●	●	●		10	3/8"	16	1.5	2.3	
		22ER/L8ABUT	●	●	●	●	●	●		8	1/2"	22	2.0	3.2	
		22ER/L6ABUT	●	●	●	●	●	●		6	1/2"	22	2.2	3.5	
		22UER4ABUT	●	●	●	●	●	●		4	1/2"	22	2.4	9.8	
		27UER3ABUT	●	●	●	●	●	●		3	5/8"	27	3.1	12.1	
Internal		11IR/L20ABUT	●	●	●	●	●	●		20	1/4"	11	1.0	1.4	
		11IR/L16ABUT	●	●	●	●	●	●		16	1/4"	11	1.3	1.9	
		16IR/L20ABUT	●	●	●	●	●	●		20	3/8"	16	1.0	1.4	
		16IR/L16ABUT	●	●	●	●	●	●		16	3/8"	16	1.3	1.9	
		16IR/L12ABUT	●	●	●	●	●	●		12	3/8"	16	1.4	2.0	
		16IR/L10ABUT	●	●	●	●	●	●		10	3/8"	16	1.5	2.3	
		22IR/L8ABUT	●	●	●	●	●	●		8	1/2"	22	2.0	3.2	
		22IR/L6ABUT	●	●	●	●	●	●		6	1/2"	22	2.2	3.5	
		22UIR4ABUT	●	●	●	●	●	●		4	1/2"	22	2.4	9.8	
		27UIR3ABUT	●	●	●	●	●	●		3	5/8"	27	3.1	12.1	

● UNJ

Application	Picture	Designation	Coated				Uncoated		Pitch		Dimensions (mm)				Configuration	
			KTX	KC3310	KKX	KP2130	H01	KW12	mm	TPI	IC	L	X	Y		
External		11ER/L48UNJ	●	●	●	●	●	●		48	1/4"	11	0.6	0.5		
		11ER/L44UNJ	●	●	●	●	●	●		44	1/4"	11	0.6	0.6		
	11ER/L40UNJ	●	●	●	●	●	●		40	1/4"	11	0.6	0.6			
	11ER/L36UNJ	●	●	●	●	●	●		36	1/4"	11	0.6	0.6			
	11ER/L32UNJ	●	●	●	●	●	●		32	1/4"	11	0.6	0.7			
	11ER/L28UNJ	●	●	●	●	●	●		28	1/4"	11	0.7	0.7			
	11ER/L24UNJ	●	●	●	●	●	●		24	1/4"	11	0.7	0.8			
	11ER/L20UNJ	●	●	●	●	●	●		20	1/4"	11	0.8	0.9			
	11ER/L18UNJ	●	●	●	●	●	●		18	1/4"	11	0.8	1.0			
	11ER/L16UNJ	●	●	●	●	●	●		16	1/4"	11	0.9	1.1			
	11ER/L14UNJ	●	●	●	●	●	●		14	1/4"	11	1.0	1.2			
	16ER/L64UNJ		16ER/L64UNJ	●	●	●	●	●	●		64	3/8"	16	0.6		0.5
	16ER/L56UNJ		●	●	●	●	●	●		56	3/8"	16	0.6	0.6		
	16ER/L44UNJ		●	●	●	●	●	●		44	3/8"	16	0.6	0.6		
	16ER/L40UNJ		●	●	●	●	●	●		40	3/8"	16	0.6	0.6		
	16ER/L36UNJ		●	●	●	●	●	●		36	3/8"	16	0.6	0.7		
	16ER/L32UNJ		●	●	●	●	●	●		32	3/8"	16	0.7	0.7		
	16ER/L28UNJ		●	●	●	●	●	●		28	3/8"	16	0.7	0.8		
	16ER/L24UNJ		●	●	●	●	●	●		24	3/8"	16	0.8	0.9		
	16ER/L20UNJ		●	●	●	●	●	●		20	3/8"	16	0.8	1.0		
	16ER/L18UNJ		●	●	●	●	●	●		18	3/8"	16	0.9	1.1		
	16ER/L15UNJ		●	●	●	●	●	●		15	3/8"	16	1.0	1.2		
	16ER/L14UNJ		●	●	●	●	●	●		14	3/8"	16	1.0	1.3		
	16ER/L13UNJ		●	●	●	●	●	●		13	3/8"	16	1.1	1.3		
	16ER/L12UNJ		●	●	●	●	●	●		12	3/8"	16	1.2	1.5		
	16ER/L10UNJ		●	●	●	●	●	●		10	3/8"	16	1.2	1.5		
	16ER/L9UNJ		●	●	●	●	●	●		9	3/8"	16	1.3	1.7		
	16ER/L8UNJ	●	●	●	●	●	●		8	3/8"	16	1.2	1.6			
	22ER/L7UNJ	●	●	●	●	●	●		7	1/2"	22	1.7	2.3			
	22ER/L6UNJ	●	●	●	●	●	●		6	1/2"	22	1.7	2.3			
	22ER/L5UNJ	●	●	●	●	●	●		5	1/2"	22	1.8	2.5			
	27ER/L4.5UNJ	●	●	●	●	●	●		4.5	5/8"	27	2.0	2.7			
27ER/L4UNJ	●	●	●	●	●	●		4	5/8"	27	2.2	3.0				