

No.096

CTG-Thick Steel Conduit Threads

Pipe taps

[Consultation



This time, we received an order for work with the description "CTG 22-14" on the drawing. What can you tell me about this screw? Also can you tell me about the screw specifications?

[Answer]

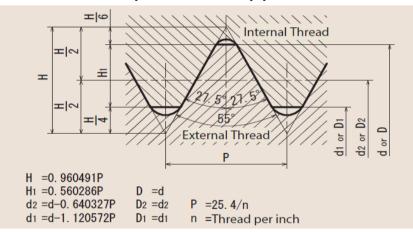
The letters CTG are used to refer to thick steel conduit threads. The standards for these threads are one type of conduit thread conforming to the JIS C 8305 standard for steel conduit tube regulation. The screw thread angle is 55 ° included angle. For the dimensional specification, please refer to the explanation below. YAMAWA has a HT CTG 22-14 taps for thick steel conduit threads. In addition, CTG16 to CTG42 are also available as standard



[Description]

Thick steel pipes are used for thick metal conduit and are plated with zinc. This type of pipe has a high weather resistance and can be used outdoors. It offers a good mechanical strength to with stand impact. It is also called G pipe.

Standard thread shape of thick steel pipe thread CTG.



There is also a thin steel conduit screw "CTC".



Reference size of Thick Steel Conduit Screw

Thread Size	Size of Pipe	Number of Threads (per 25.4mm)	Pitch P (Ref.)	Height Sharp V1	External Thread		
					Major Dia d	Pitch Dia d2	Minor Dia d1
					Internal Thread		
					Major Dia D	Pitch Dia D2	Minor Dia D1
CTG16	16	14	1.8143	1.017	20.955	19.793	18.922
CTG22	22	14	1.8143	1.017	26.441	25.279	24.408
CTG28	28	11	2.3091	1.294	33.249	31.77	30.661
CTG36	36	11	2.3091	1.294	41.910	40.431	39.322
CTG42	42	11	2.3091	1.294	47.803	46.324	45.215
CTG54	54	11	2.3091	1.294	59.614	58.135	57.026
CTG70	70	11	2.3091	1.294	75.184	73.705	72.596
CTG82	82	11	2.3091	1.294	87.884	86.405	85.296
CTG92	92	11	2.3091	1.294	100.330	98.851	97.742
CTG104	104	11	2.3091	1.294	113.030	111.551	110.442