

【Consultation】



I have a new drawing showing a Pg 13.5 internal thread symbol. I received a request for quotation for processing this thread. This is the first time I have seen the symbol Pg13.5 for a screw thread. What kind of screw thread is this? Can you tell me where to get this tap?

【Answer】

The screw thread referred to as a Pg 13.5 is a German DIN standard 40430 conduit pipe thread type. The thread angle is an 80 ° included angle and is similar to the JIS standard JIS C 8305 for thin steel conduit threads. YAMAWA manufactures and sells Pg taps for the European market. Please contact our customer service for availability.



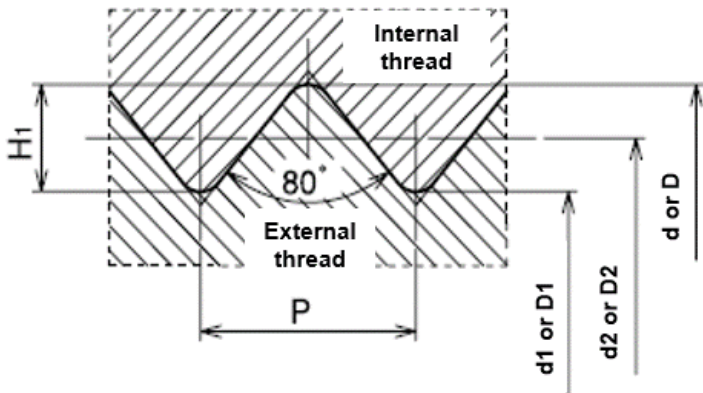
【Description】



The Pg screw thread is used for conduit type products where a cable is passed through the center hole as shown in the photo on the left. Generally the Pg 13.5 size is used the most often but the Pg screw thread has various nominal dimensions as shown in the table below.



Pg thread form of a German conduit pipe thread (DIN 40430)



Pg internal thread nominal and recommended minor hole diameters.

Unit : mm

Size	Number of Threads	Minor Diameter		Drill diameter (referen
		Max.	Min.	
Pg 7	20	11.43	11.28	11.39
Pg 9	18	14.01	13.86	13.97
Pg 11	18	17.41	17.26	17.37
Pg 13.5	18	19.21	19.06	19.17
Pg 16	18	21.31	21.16	21.27
Pg 21	16	27.03	26.78	26.97
Pg 29	16	35.73	35.48	35.67
Pg 36	16	45.73	45.48	45.67



In the table above, please refer to the minor diameter size, tolerance and drill diameter size for Pg internal thread processing.