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Spec.5B-0015
Spec.7-2-0187

API 油井管用量规

API OIL COUNTRY GAUGES

API THREAD GAUGES
PREMIUM CONECTION GAUGES



KURODA PRECISION INDUSTRIES LTD.

API 螺纹量规 API Thread Gauges

黑田精工制 API（美国石油协会）螺纹量规和油井管特殊螺纹规，不仅在日本本土，还出口到世界各国。此产品，在世界舞台上以它独特优良的品质，享有着很高的评价。黑田精工在 1957 年，在 API 规格螺纹量规上，取得了 API 公认商标的使用许可。

以下为 API 公认商标的使用许可商号：

Specification 5B 许可证号 NO. 5B-0015
Specification 7-2 许可证号 NO. 7-2-0187

我们制造 API Spec. 5B 和 7-2 规格内记载的所有型号的螺纹量规。我们还制作特殊型号的螺纹牙型规和直径 20 英尺（508mm）的大径螺纹量规。我们致力于满足广大用户的各方面要求和以最快的速度答复广大客户的疑难问题。

KURODA'S API (American Petroleum Institute) Thread Gauges and Premium Connection Gauges have been used worldwide and receiving the highest quality reputation. KURODA has been granted the right of use of API Official Monogram for the following API Thread Gauges since 1957;

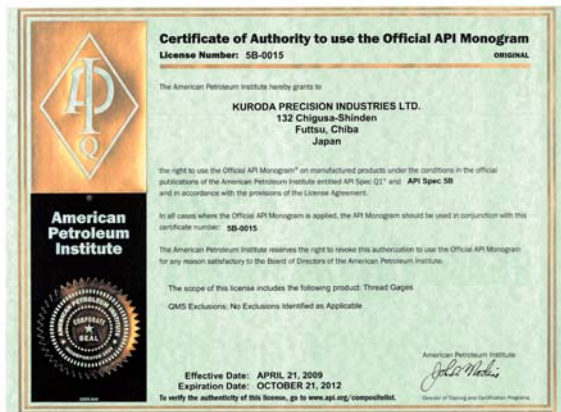
Specification 5B under the License No. 5B-0015,
Specification 7-2 under the License No. 7-2-0187.

KURODA supplies all kinds of Thread Gauges listed in the API Spec. 5B and 7-2.

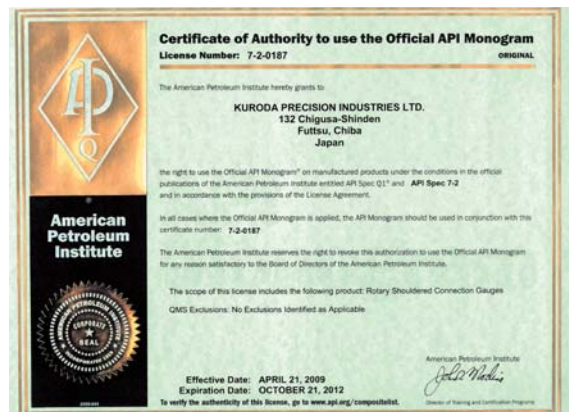
KURODA also supplies a Thread Gauge having a special thread form, or the size of diameter as large as 20 inches (508mm).

To find out more information on our products, please contact us by e-mailing.

We try to provide the best possible solution for you as quickly as we can.



License No.5B



License No.7-2



API 螺纹量规型号 Type of Thread

API Spec. 5B

LP Line Pipe Thread Gauges Thread Angle : 60°		
Size	T.P.I.	Taper
1/8	27	1 : 16
1/4	18	1 : 16
3/8	18	1 : 16
1/2	14	1 : 16
3/4	14	1 : 16
1	11 1/2	1 : 16
1 1/4	11 1/2	1 : 16
1 1/2	11 1/2	1 : 16
2	11 1/2	1 : 16
2 1/2	8	1 : 16
3	8	1 : 16
3 1/2	8	1 : 16
4	8	1 : 16
5	8	1 : 16
6	8	1 : 16
8	8	1 : 16
10	8	1 : 16
12	8	1 : 16
14D	8	1 : 16
16D	8	1 : 16
18D	8	1 : 16
20D	8	1 : 16

CSG Casing Round Thread Gauges Thread Angle : 60°		
Size	T.P.I.	Taper
4 1/2	※ 8	1 : 16
5	※ 8	1 : 16
5 1/2	※ 8	1 : 16
6 5/8	※ 8	1 : 16
7	※ 8	1 : 16
7 5/8	※ 8	1 : 16
8 5/8	※ 8	1 : 16
9 5/8	※ 8	1 : 16
10 3/4	8	1 : 16
11 3/4	8	1 : 16
13 3/8	8	1 : 16
16	8	1 : 16
18 5/8	8	1 : 16
20	※ 8	1 : 16

Note) ※ : Short and long

BUTTRESS CSG Buttress Casing Thread Gauges Thread Angle : 3°×10°		
Size	T.P.I.	Taper
4 1/2	5	1 : 16
5	5	1 : 16
5 1/2	5	1 : 16
6 5/8	5	1 : 16
7	5	1 : 16
7 5/8	5	1 : 16
8 5/8	5	1 : 16
9 5/8	5	1 : 16
10 3/4	5	1 : 16
11 3/4	5	1 : 16
13 3/8	5	1 : 16
16	5	1 : 12
18 5/8	5	1 : 12
20	5	1 : 12

TBG Non-Upset Tubing Thread Gauges Thread Angle : 60°		
Size	T.P.I.	Taper
1.050	10	1 : 16
1.315	10	1 : 16
1.660	10	1 : 16
1.900	10	1 : 16
2 3/8	10	1 : 16
2 7/8	10	1 : 16
3 1/2	10	1 : 16
4	8	1 : 16
4 1/2	8	1 : 16

UP TBG External-Upset Tubing Thread Gauges Thread Angle : 60°		
Size	T.P.I.	Taper
1.050	10	1 : 16
1.315	10	1 : 16
1.660	10	1 : 16
1.900	10	1 : 16
2 3/8	8	1 : 16
2 7/8	8	1 : 16
3 1/2	8	1 : 16
4	8	1 : 16
4 1/2	8	1 : 16

Ex. Li. Csg. Extreme-Line Casing Thread & Seal Gauges Thread Angle : 6°×6°		
Size	T.P.I.	Taper
5	6	1 : 8
5 1/2	6	1 : 8
6 5/8	6	1 : 8
7	6	1 : 8
7 5/8	6	1 : 8
8 5/8	5	1 : 9.6
9 5/8	5	1 : 9.6
10 3/4	5	1 : 9.6

Note) Taper of seal=1 : 6

API Spec. 7-2 Rotary shouldered connections

NC Number Style Thread Angle : 60°		
Size	T.P.I.	Taper
NC23	4	1 : 6
NC26	4	1 : 6
NC31	4	1 : 6
NC35	4	1 : 6
NC38	4	1 : 6
NC40	4	1 : 6
NC44	4	1 : 6
NC46	4	1 : 6
NC50	4	1 : 6
NC56	4	1 : 4
NC61	4	1 : 4
NC70	4	1 : 4
NC77	4	1 : 4

REG Regular Style (Right or left hand) Thread Angle : 60°		
Size	T.P.I.	Taper
1	6	1 : 8
1 1/2	6	1 : 8
2 3/8	5	1 : 4
2 7/8	5	1 : 4
3 1/2	5	1 : 4
4 1/2	5	1 : 4
5 1/2	4	1 : 4
6 5/8	4	1 : 6
7 5/8	4	1 : 4
8 5/8	4	1 : 4

FH Full-hole Style Thread Angle : 60°		
Size	T.P.I.	Taper
3 1/2	5	1 : 4
4	4	1 : 6
4 1/2	5	1 : 4
5 1/2	4	1 : 6
6 5/8	4	1 : 6

IF Internal-flush Style Thread Angle : 60°		
Size	T.P.I.	Taper
2 3/8	4	1 : 6
2 7/8	4	1 : 6
3 1/2	4	1 : 6
4	4	1 : 6
4 1/2	4	1 : 6
5 1/2	4	1 : 6

黑田精工 API 螺纹量规的特征 Features of KURODA API Gauges

【轻】

- 在 1975 年，黑田精工作为各大知名量具制造商的先驱者，首次在 API 螺纹量规 6 5/8 至 20 英寸的产品的重量上，进行了轻量化的技术开发并取得了成功。

【寿命长】

- 我们使用的钢材是经过严格筛选，对材质的耐磨性有着严格的要求。在适当的热处理和进行了防老化处理等措施后，对其品质的耐磨性得到了许多客户的好评。

【使用方便】

- 考虑到作业中的效率，我司自行研制开发的容易把持手柄，在量规产品上都有附带。
- 除了 Ex.Li.Csg. 规格以外，我们考虑到使用上的便利性，在 Spec.5B 工作环规上设置了限位规，进行判定螺纹的容许界限。
- 我们还可以在大径环规的外周上设置吊环，此机能可减轻作业时的体力劳动，提高工作效率。此工序需在订货时给我们指示。

【拥有技术能力】

- 利用长年培养和巩固的设计能力，我们可以设计制作 API 规格里无记载的特殊型号规格的非标品，同时也可以为此非标品树立量规衡量系统。

【拥有制作能力】

- 我们使用的研磨螺纹时的研磨床的多数是黑田精工自行开发设计的。

【高品质】

- 对于块规的校正工作而言，黑田精工拥有 ISO17025 颁发的有记载校正机关资格能力的基本规定的证书。拥有许多根据测量目的不同的各种测量仪器，并确立了与国家测量系统为标准的测量跟踪系统。

询价时，需确认以下事项

1. 螺纹的型号
2. 量规的尺寸
3. 校对量规或工作量规
4. 塞规和环规，或者塞规和环规一套
5. 右螺纹或左螺纹
6. 出厂证书上记载单位为，英尺或是米

[Light-Duty]

- In 1975, ahead of the times, KURODA was successfully made the gauges of 6 5/8 through 20 inches lighter than before.

[Longer Operating Life]

- Correct treatments such as heat and anti-distort purposes and selection of the right materials made the Kuroda Gauges reputable for its quality and the longer life.

[Easy to use]

- For portable and easy maintenance purposes, the handle is standard- equipped on all products.
- Notch and Limit Plate are mounted on spec. 5B working ring gauges except for Ex. Li.Csg to determine the allowance limit of your products.
- Upon request, a Hook Ring can be mounted on larger diameter ring gauges for better workability.

[Advanced Technology]

- With the abundant know-how and the technologies, KURODA can design gauges that are "beyond API specification" for you. In other words, KURODA can make the products that meet your requirements and needs, just the way you wish.

[Manufacturing Capabilities]

- Grinding machines such as the ground thread and so forth are designed and developed by KURODA.

[Higher Quality]

- KURODA Precision Industries Ltd is ISO 17025 approved firm. It means KURODA is authorized for calibrating instruments such as Gauge Blocks. And at the same time, KURODA is in possession of many measuring instruments on its assembly lines. And therefore, this leads that KURODA is currently offering to you the products that are reliable and of high quality.

When ordering, please provide more information for the following:

1. Type of Thread
2. Size of Gauge.
3. Reference master or working gauges.
4. Plug or Ring or both.
5. Right hand or left hand, in case of API Spec. 7-2thread gauges.
6. Inspection results to be specified either in inches or metric.

黑田精工自1925年成立以来，与日本的量规制造历史同步发展，始终致力于产品技术的提高和品质的可靠性。经过长期努力，我们在日本最先获取了有关部门颁发的JIS"1级"螺纹量规标号资格，并且在亚洲最先取得了API量规的生产执照等等，黑田精工作为众多量规制造商的先驱者，享有着很多由顾客赐予的最高评价。近年来，在以ISO9000系列为代表的质量管理体系中，计量的追溯性渐渐的成为了必要条件。从品质保障和质量管理等方面考虑，量规起到的作用以及其重要性，已有了重新认识。

黑田精工作为「长度领域的授权公司」，通过以块规为原点的量规，计量仪器的校正·认证等工作，可以帮助客户，树立计量仪器与国家标准进行的对照追溯测量。对此，我们有着不可动摇的信心。

Since its founding in 1925, KURODA Precision Industries Ltd. has continued to advance with the history of gauges in our country, and has been striving for improvement in the product quality and reliability.

As a result, KURODA has successfully received the highest class evaluation as a pioneer of gauge manufacturer, such as an authority to indicate JIS "Grade 1" thread gauge mark for the first time in Japan and a production license for API gauges first time ever in the East.

The importance of gauges has been recognized anew, because they play a significant role in quality control and quality assurance and the traceability of measurement has become a necessary condition in the quality management system represented by ISO 9000 Series in recent years.

KURODA, as an authorized company for length section calibration, believes firmly that it will be of service to the establishment of traceability of customer's measurement equipment to the national standard through the calibration and certification of gauge blocks and other various gauges as well as measurement equipment.

黑田精工接受制作 1mm 至 500mm 的各种规格种类的量规。同时，也接受制作特殊型号规格的超精密量规。

KURODA is capable of making many different types of gauges, 1mm through 500mm for you.



JCSS认证证书
JCSS CERTIFICATE



黑田精工也在作块规的制作与销售。
KURODA also manufactures and sells the gauge blocks.



黑田精工の API 螺纹量规，在国有鉴定机关，研究机关和大型钢管制造商里被广泛采用，拥有很多业绩。其品质方面，也在国内外众多客户群里，享有着高度的评价。

KURODA API gauges are widely used and are receiving great recognition at such places as National Test authorities, Research institutions, Major Pipe manufacturers and etc. Regardless of the market location, whether it is domestic or offshore, KURODA is receiving a high reputation around the globe.

CAT.NO.PK110-@

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