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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 27944-2011

Dry seal pipe threads with the thread angle of 60 degrees

60°干密封管螺纹

(English Translation)

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Foreword

This standard GB/T 1.1-2009 given rule drafting.

The standard adopted by the United States to redraft the law to modify the standard ASMEB1.20.3. 1976 "dry seal pipe thread" (2003 confirmed).

Our standards are different than the US standards are as follows.

--- Thread Size code. US Use Dx, Ex, Kx, p, D and d, respectively, large diameter threaded diameter, small diameter and pitch pipes the outer and inner diameters; and our ISO and use D, D2, D1, d, d2, d1 and P denote the large-diameter internal threads, and diameter Trails, large diameter external thread, diameter and small diameter, thread pitch. In order to avoid the country and ISO code system has undergone an existing thread Conflict, this standard does not conflict with the use of that part of the United States occurred in the size of the code.

--- American Standard thread size is given in English units value; and this standard is based on the thread size metric units are given value.

--- High tolerance for tooth, American Standard is an indirect way of cutting depth is given; and this standard is based on the crest and bottom high given directly.

--- In the thread marks, the US standard is to give the size code thread after thread of the features of the code are given; and our standard thread System marked the first thread of the features of the code, after the marked thread size code. In addition, to simplify the thread marks, our standards allow Xu thread marks omitted in the number of the thread.

--- This standard supplements the provisions of the dry seal tapered pipe thread pitch cumulative tolerance and flank angle tolerance.

--- This standard supplements the provisions of the chamfer with the reference plane positional relationship.

--- This standard specifies the supplementary thread gauge.

--- The standard normative references are cited GB/T 14791 "Thread term." this standard by the National Standardization Technical Committee thread (SAC/TC108) proposed.

This standard by the National Standardization Technical Committee thread (SAC/TC108), the National Technical Committee of Standardization measuring meter (SAC/TC132) centralized.

1 Scope

This standard specifies a 60 ° tooth type dry seal pipe thread, basic dimensions, tolerances, marking and gauges.

This standard applies to the threaded pipe thread sealing performance higher requirements, valves, fittings and other piping accessories connections.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

GB/T 14791 threads term

3.1 Terms and Definitions

GB/T 14791 and defined by the following terms and definitions apply to this document.

3.1.1

Reference plane when the test thread gauge reads workpiece inspection value (position deviation reference plane) of the reference plane visible. It is internally threaded member Externally threaded outer end or small end member.

3.2 Code

D --- threaded large diameter in the reference plane;

d --- large diameter external thread in the reference plane;

D2 --- internal thread within the reference plane of the pitch diameter;

d2 --- external thread in the reference plane of the path;

D1 --- internal thread within the reference plane trails;

d1 --- external thread within the reference plane trails;

n --- Number of teeth within the axial length of 25.4mm included;

P --- pitch;

H --- original height triangle;

h --- thread profile height;

f --- cutting depth;

L1 --- reference distance;

Effective thread length L2 --- external thread;

L3 --- assembly margin;

V --- pintail length.