



DRAFT AMENDMENT ISO 1179-2:2007/DAM 1

ISO/TC 131/SC 4

Secretariat: **ANSI**

Voting begins on
2011-03-31

Voting terminates on
2011-08-31

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION

Connections for general use and fluid power — Ports and stud ends with ISO 228-1 threads with elastomeric or metal-to-metal sealing —

Part 2:

Heavy-duty (S series) and light-duty (L series) stud ends with elastomeric sealing (type E)

AMENDMENT 1

Raccordements pour applications générales et transmissions hydrauliques et pneumatiques — Orifices et éléments mâles à filetage ISO 228-1 et joint en élastomère ou étanchéité métal sur métal —

Partie 2: Éléments mâles de séries légère (série L) et lourde (série S) avec joint en élastomère (type E)

AMENDEMENT 1

ICS 23.100.40

[ISO 1179-2:2007/DAMd 1](#)

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ISO/CEN PARALLEL PROCESSING

This draft has been developed within the International Organization for Standardization (ISO), and processed under the **ISO-lead** mode of collaboration as defined in the Vienna Agreement.

This draft is hereby submitted to the ISO member bodies and to the CEN member bodies for a parallel five-month enquiry.

Should this draft be accepted, a final draft, established on the basis of comments received, will be submitted to a parallel two-month approval vote in ISO and formal vote in CEN.

To expedite distribution, this document is circulated as received from the committee secretariat. ISO Central Secretariat work of editing and text composition will be undertaken at publication stage.

Pour accélérer la distribution, le présent document est distribué tel qu'il est parvenu du secrétariat du comité. Le travail de rédaction et de composition de texte sera effectué au Secrétariat central de l'ISO au stade de publication.

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International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

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Amendment 1 to ISO 1179-2:2007 was prepared by Technical Committee ISO/TC 131, *Fluid power systems*, Subcommittee SC 4, *Connectors and similar products and components*.

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AMENDMENT 1

In Table 1 on page 4 of ISO 1179-2:2007, add a row at the bottom of the table, as follows:

Thread	Designation
G 2 A	Elastomeric seal ISO 1179-2 – G 2 A

In Table 2 on page 5 of ISO 1179-2:2007, add a row for stud end size G 2 before the footnotes, as follows:

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Dimensions in millimetres

Thread d_1^a	d_2	Maximum drill size				d_4	d_5	L_1	L_2	L_3	L_4	R_1	R_2	s_1 hex	W
		L series	tol.	S series	tol.										
G 2 A	74,9	40	$\pm 0,3$	35	$\pm 0,3$	66,9	56,4	24	3,5	5	3,4	1,6	0,8	75	0,2

In Table 3 on page 6 of ISO 1179-2:2007, add a row for stud end size G 2 before the footnotes, as follows:

Series	Thread size	Working pressure		Test pressures			
		MPa	(bar)	Burst		Impulse ^b	
		MPa	(bar)	MPa	(bar)	MPa	(bar)
S	G 2 A ^c	25	(250)	100	(1000)	33,2	(332)

In Table 3 on page 6 of ISO 1179-2:2007, add a footnote c, as follows:

c The size G 2 A stud end is used in hydraulic fluid power, mainly in accumulators.

In Table 4 on page 7 of ISO 1179-2:2007, add a row for stud end size G 2 before the footnotes, as follows:

Dimensions in millimetres

Thread size	d_6		d_7		L_5	L_6
	nom.	tol.	nom.	tol.	$\pm 0,1$	+0,2 0
G 2 A	56,5	$\pm 0,3$	66,5	$\pm 0,3$	4	2,0

In Table 5 on page 8 of ISO 1179-2:2007, add a row for stud end size G 2 before the footnotes, as follows:

Series	Thread size	Torque
		Nm +10% – 0%
S	G 2 A	650

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