

SLOVENSKI STANDARD
oSIST prEN 560:2017
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Oprema za plamensko varjenje - Cevne spojke za opremo za varjenje, rezanje in sorodne postopke

Gas welding equipment - Hose connections for equipment for welding, cutting and allied processes

Gasschweißgeräte - Schlauchanschlüsse für Geräte und Anlagen für Schweißen, Schneiden und verwandte Prozesse

Matériel de soudage au gaz - Raccords pour tuyaux souples pour appareils de soudage, coupage et techniques connexes

Ta slovenski standard je istoveten z: prEN 560

SIST EN 560:2018

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ICS:

25.160.30	Varilna oprema	Welding equipment
83.140.40	Gumene cevi	Hoses

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

DRAFT
prEN 560

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ICS 23.040.70; 25.160.30

Will supersede EN 560:2005

English Version

**Gas welding equipment - Hose connections for equipment
for welding, cutting and allied processes**

Gasschweißgeräte - Schlauchanschlüsse für Geräte und
Anlagen für Schweißen, Schneiden und verwandte
Prozesse

This draft European Standard is submitted to CEN members for enquiry. It has been drawn up by the Technical Committee CEN/TC 121.

If this draft becomes a European Standard, CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

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Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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European foreword

This document (prEN 560:2017) has been prepared by Technical Committee CEN/TC 121 “Welding and allied processes”, the secretariat of which is held by DIN.

This document is currently submitted to the CEN Enquiry.

This document will supersede EN 560:2005.

Revision:

This standard differs from EN 560:2005 as follows:

- a) normative references have been updated;
- b) an upper pressure limit of 2 MPa for the hose connections has been added;
- c) the design requirements for the diameter “ d_7 ” have been updated.

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1 Scope

This European Standard lays down the dimensions and specifies the characteristics of the constituent parts of hose connections for welding, cutting and allied processes, for example for pressure regulators according to EN ISO 2503 and blowpipes. The suitability of the hose connections mentioned below is considered according to the applied pressure range. This European Standard does not cover the design of the part of the hose tail inserted into the hose. This is specified in EN 1256.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 1256, *Gas welding equipment — Specification for hose assemblies for equipment for welding, cutting and allied processes*

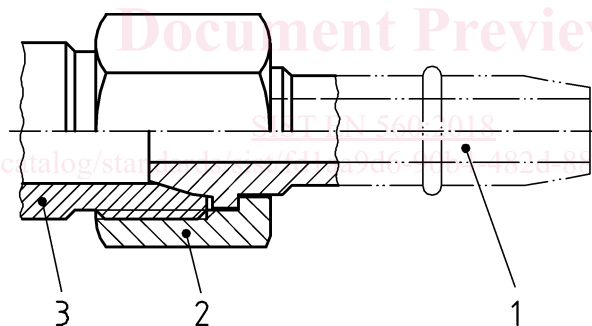
EN ISO 228-1, *Pipe threads where pressure-tight joints are not made on the threads— Part 1: Dimensions, tolerances and designation (ISO 228-1)*

EN ISO 9539, *Gas welding equipment — Materials for equipment used in gas welding, cutting and allied processes (ISO 9539)*

3 General

The gas pipe threads shall be in accordance with the requirements of EN ISO 228-1. All other dimensions are given in millimetres.

The joint is made with a bull nose and cone seal (see Figure 1).



Key

- 1 hose tail
- 2 union nut
- 3 threaded union

Figure 1 — Hose connection

The hose connections mentioned below apply to a pressure range of a maximum of 2 MPa (20 bar).

4 Material

The material shall conform to EN ISO 9539.