



## Welding neck flanges. PN 10, PN 16 and PN 25

### Introduction

The difference between this edition and Edition 4 is that requirements have been specified regarding the surface preparation grade of the sealing face and the maximum permissible misalignment.

The standard has been subjected to type examination and approved with respect to material and strength by Swedish Plant Inspectorate AB. Type Examination Certificate No 5578 has been issued.

Loose flanges SSG 1381-83 are to be used for welding neck flanges in accordance with this standard.

### 1 Designation

#### 1.1 Example

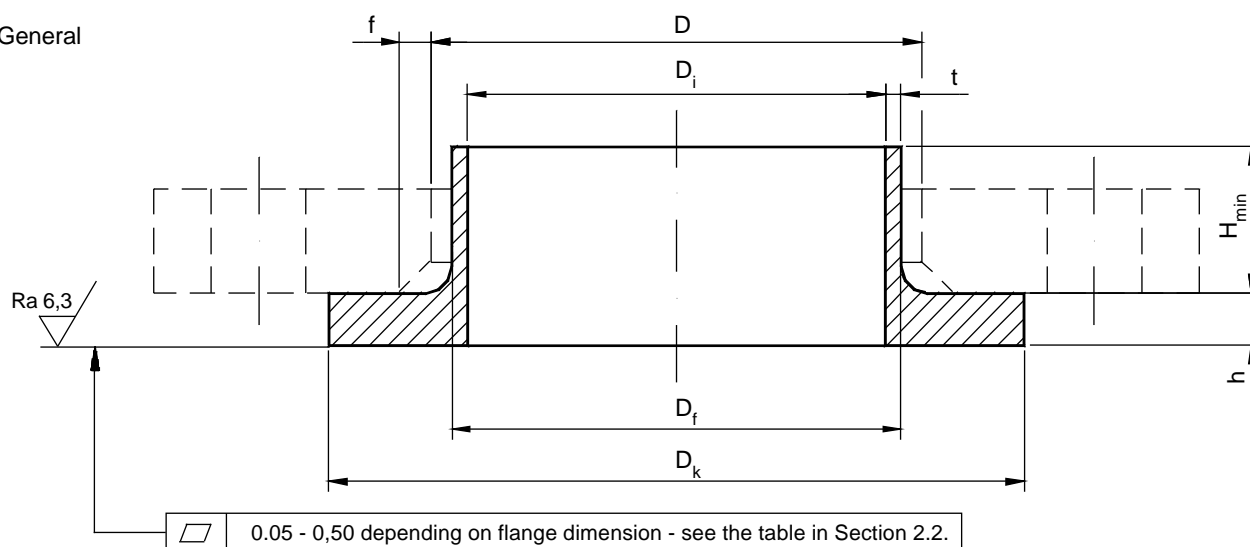
**Welding neck flange SSG 1366 - DN - Pressure class - Material**

**Welding neck flange SSG 1366 - 20 - PN 25 - SS steel 2353<sup>1)</sup>**

<sup>1)</sup> Swedish standard

### 2 Basic dimensions

#### 2.1 General



#### 2.11 Marking

Welding neck flanges shall be marked with

- name of firm or trade mark
- material designation in accordance with Swedish Standard
- data regarding DN/D<sub>i</sub>
- pressure class
- identification number of manufacturer.

#### 2.12 Sealing face

The sealing face of the welding neck flange shall be finished to surface preparation grade Ra 6.3. Welding neck flanges for gas or gas applications should be finished to Ra 4 or finer. A surface preparation grade other than Ra 6.3 is to be specially indicated in the designation. Machining which produces 'gramophone record' grooves should be avoided. Maximum misalignment 0.05 - 0.50, depending on flange dimension. See the table in Section 2.2.

#### 2.2 Dimensions

See page 2.