
**Parallel shank countersinks for angles
60, 90 and 120 degrees inclusive**

*Outils à chanfreiner à queue cylindrique, à angle au sommet de 60, 90
et 120 degrés*



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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

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The committee responsible for this document is ISO/TC 29, *Small tools*, Subcommittee SC 9, *Tools with defined cutting edges, cutting items*.

This second edition cancels and replaces the first edition (ISO 3294:1975), of which it constitutes a minor revision.

Parallel shank countersinks for angles 60°, 90° and 120° inclusive

1 Scope

This International Standard specifies the dimensions of parallel shank countersinks for angles 60°, 90° and 120° inclusive.

It specifies dimensions in metric units only, these being regarded as the only recommended dimensions in the future, for countersinks with cutting diameters in the range 8 mm to 25 mm.

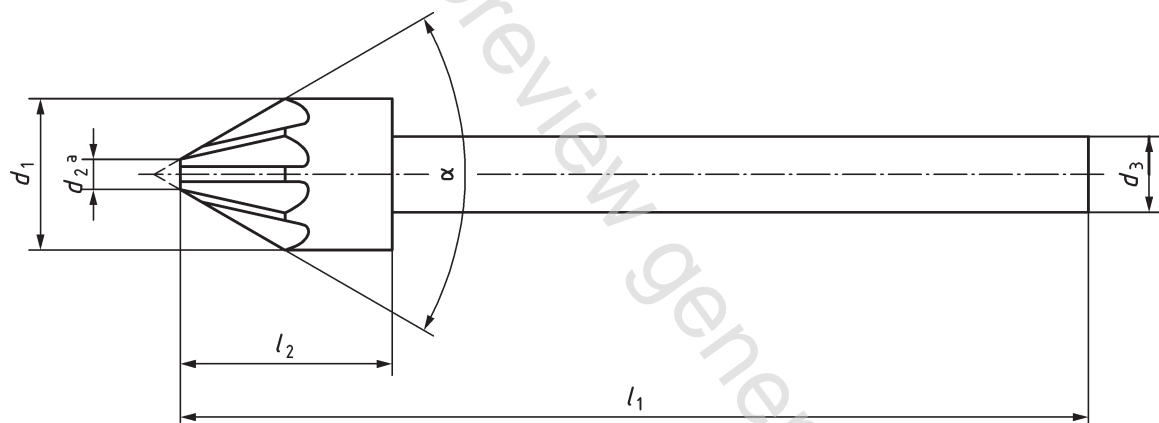
The dimensions apply only to tools made from high-speed steel. However, if the method of production allows, the shanks may be manufactured from a suitable alternative material, such as a carbon steel.

Unless otherwise indicated, the countersinks will be right-hand cutting.

Morse taper shank countersinks are the subject of ISO 3293.

2 Dimensions

See [Figure 1](#) and [Table 1](#).



Key

α = 60°, 90° or 120° inclusive (tolerance: ${}^0_{-1^\circ}$)

Figure 1