



## Shrink-fit chuck Power Shrink Chuck with Safe-Lock, SK 50 short, Clamping range $\varnothing$ D1: 18mm



### Order data

Order number	302307 18
GTIN	4034221077257
Item class	34I

### Description

#### Version:

Shrink-fit chuck for very high metal removal rates during high-performance cutting (HPC). The optimised design combines excellent stiffness with vibration damping. This protects the machine, spindle and tool.

- **Safe-Lock tool pull-out protection prevents the tool being pulled out accidentally.**
- **Higher metal removal rate due to higher speeds, higher feed rates and greater cutting depth.**
- **Shorter machining times.**
- **Runs more smoothly, which improves the surface quality and protects the tool, spindle and machine.**
- **With tapped holes for balancing with screws.**
- **With pluggable Cool Jet holes.**
- **With length adjustment screw (adjustment path 10 mm).**

#### Application:

For clamping tools with parallel shank to h6 tolerance **with Safe-Lock ground surface**. Suitable for all types of shrink-fit unit such as inductive, contact and hot air shrink-fit units.

#### Optional extras:

For milling cutters with Safe-Lock clamping flat, see solid carbide milling cutters. Pull studs (PS) No. 308600 – 308800, PS wrenches No. 308820 – 308835. Shrink-fit units, accessories No. 354210 – 354450, balancing screws set No. 309906 size 180.

#### Note:

Other shrink-fit chucks with **Safe-Lock** available on request.

## Technical description

Overhang dimension A	80 mm
Clamping $\varnothing D_1$	18 mm
External $\varnothing D$	54.5 mm
$\varnothing D_2$	44.7 mm
Cooling channel bore	lockable
maximum clamping depth $L_E$	50 mm
Adapter	SK 50 short
Arbor standard	ISO 7388-1
Shape	ADB
Balance quality G at rotational speed	G 2.5 at 25,000 rpm
Concentricity	3 $\mu\text{m}$
Machining strategy	HPC
Machining strategy	HSC
Tool pull-out protection	Safe-Lock h6
Type of product	Shrink-fit chuck