simturn® DX
SIMTEK Turning Tools Type DX (Delta-Line)

Das Werkzeugsystem im Überblick
The Tool System Overview

Großartige Leistung in Bohrungen ab Ø 7,0 mm.
Great Performance in bores as of Ø 7,0 mm.

Umfangreiches Sortiment an stirnseitig aufgeschraubten Hartmetall-Schneidplatten. Verfügbar in 12 verschiedenen Größen, für die optimale Bearbeitung von Bohrungen ab Ø 7,0 mm bis ca. 24,0 mm.

Schwingungsgedämpfte Trägerwerkzeuge aus Hartmetall oder Stahl, für zahlreiche Anwendungen.

Mit rund 2.000 Standardwerkzeugen für nahezu jede Anwendung ein passendes Werkzeug verfügbar.

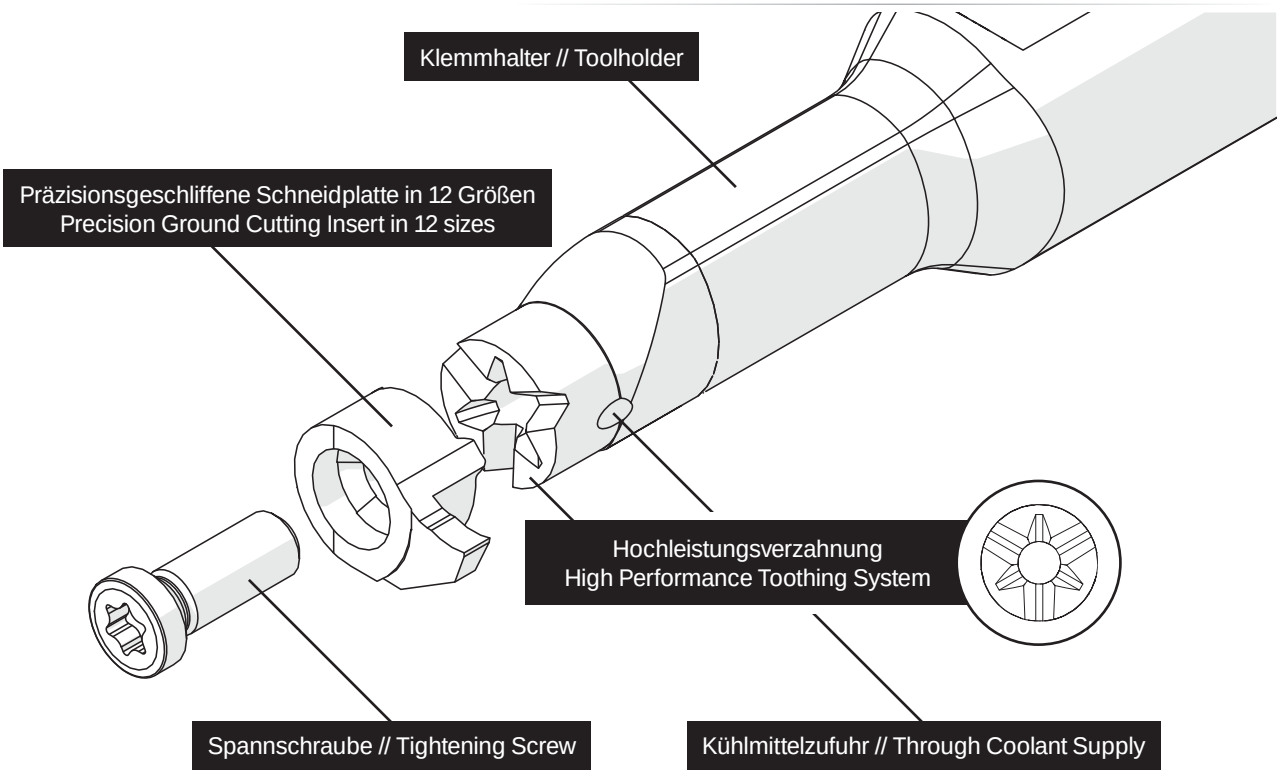
Wide range of carbide cutting inserts, fixed with a screw on the toolholder front side. Available in 12 different sizes, for best results in bores between Ø 7,0 mm and 24,0 mm.

Anti-Vibration Carbide and Steel Toolholders are available for a variety of applications.

More than 2.000 Standard Items provide the right answer for almost every internal turning application.

Das System im Detail
The System Details

Bitte beachten Sie die allgemeinen Gebrauchshinweise auf Seite
Please read the General Instructions for use on Page **344**

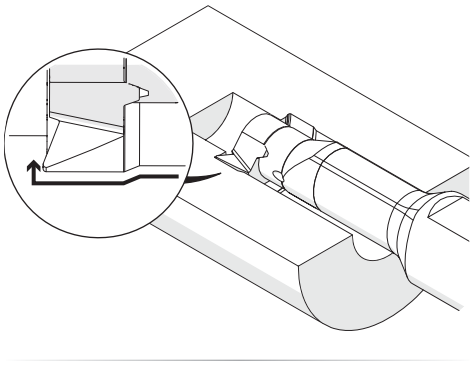


Schneideinsatzgrößen im Vergleich // Comparison of Cutting Insert Sizes

Size **Größe**		Geeignet ab Bohrungsdurchmesser Suitable as of bore diameter	Mögliche Stechtiefen Possible Cutting Depths
D07		Ø 7,0 mm	2,0 mm
D08		Ø 7,8 mm	1,0 mm
D10...10		Ø 10,0 mm	1,8 mm
D11		Ø 11,0 mm	2,3 mm
D10...11			2,8 mm
D10...12		Ø 12,0 mm	3,4 mm
D14		Ø 14,0 mm	4,0 mm
D16		Ø 16,0 mm	4,3 mm
D14...16			5,5 mm
D14...17		Ø 17,0 mm	6,5 mm
D18...18		Ø 18,0 mm	6,0 mm
D18...20		Ø 20,0 mm	8,0 mm

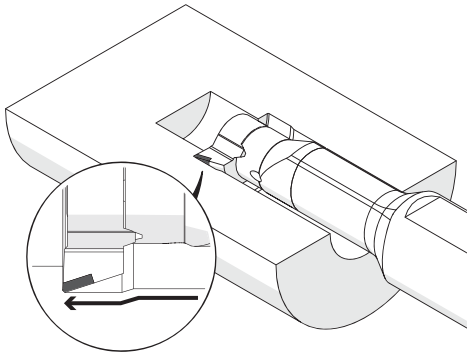
Standardanwendungen
Standard Applications

Ab Seite
As of Page
123



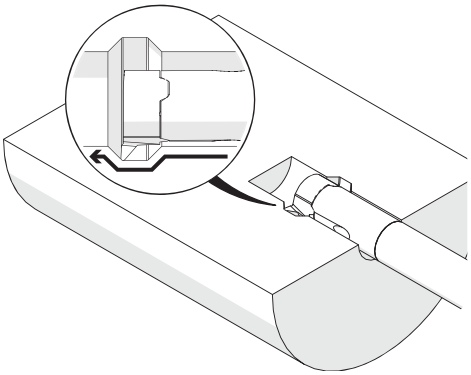
Ausdrehen
Boring

Seite
Page
125



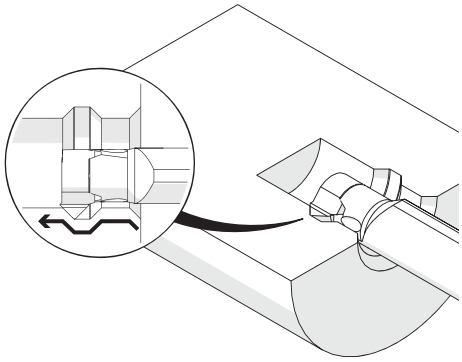
Ausdrehen, Hartbearbeitung
Boring, Hard Part Turning

Seite
Page
126



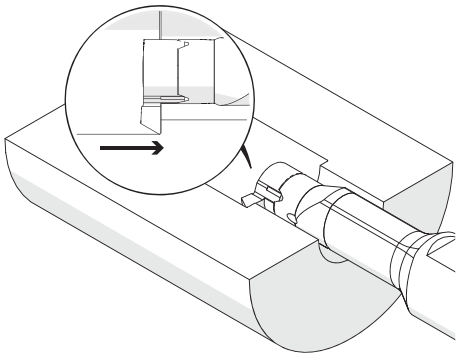
Kopieren und Profildrehen
Copying and Profiling

Seite
Page
127



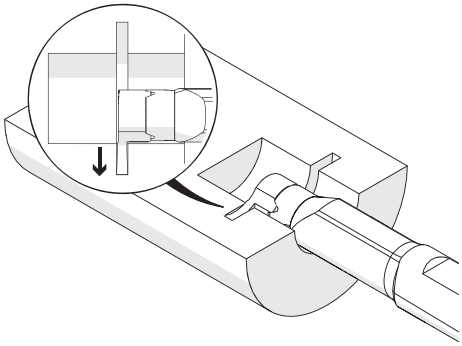
Ausdrehen und Fasen
Boring and Chamfering

Seite
Page
128



Rückwärtsdrehen
Back Boring

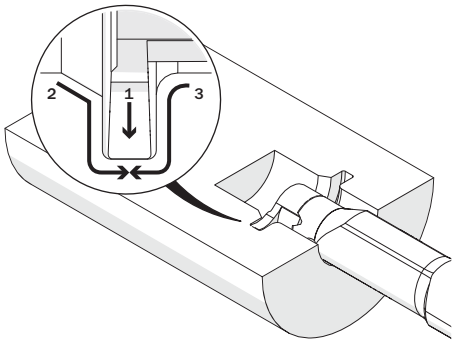
Ab Seite
As of Page
129



Nutenstechen
Grooving

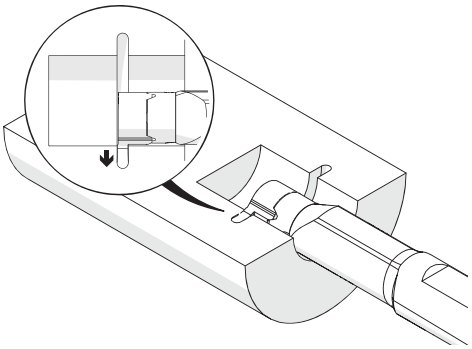
Standardanwendungen
Standard Applications

Ab Seite
As of Page
142



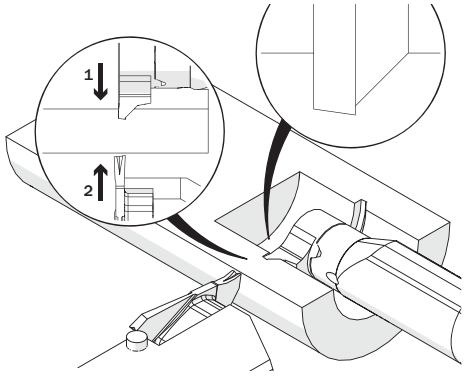
Einstechen und Profildrehen
Grooving and Profiling

Ab Seite
As of Page
144



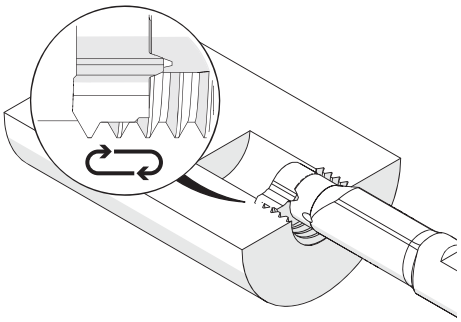
Stechen von Vollradiusnuten
Full Radius Grooving

Seite
Page
146



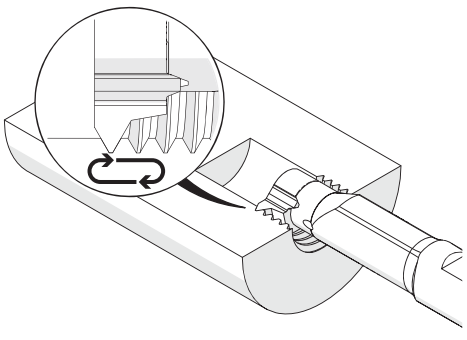
Vorstechen und Fasen
Pre-Part-Off and Chamfering

Seite
Page
147



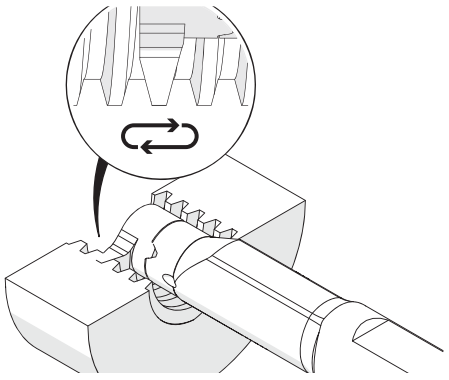
Gewinden: Metrisch ISO, Vollprofil
Threading: Metric ISO, Full Profile

Seite
Page
149



Gewinden: Metrisch ISO, Teilprofil
Threading: Metric ISO, Partial Profile

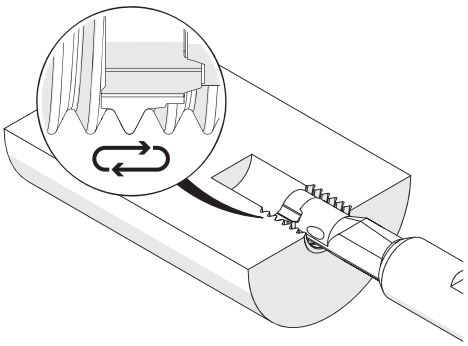
Seite
Page
151



Gewinden: Trapezgewinde, Teilprofil
Threading: Trapezoidal Thread, Partial Profile

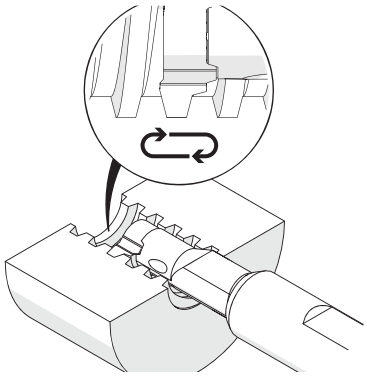
Standardanwendungen
Standard Applications

Seite
Page
152



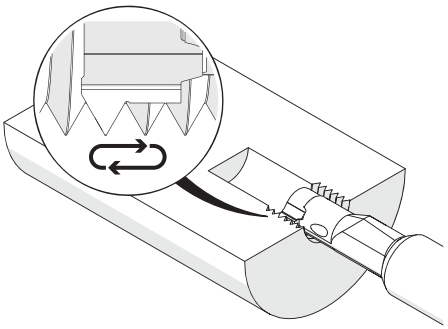
Gewinden: Whitworth, Vollprofil
Threading: Whitworth, Full Profile

Ab Seite
As of Page
153



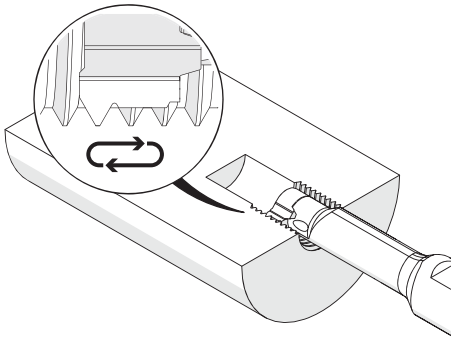
Gewinden: ACME / STUB-ACME, Teilprofil
Threading: ACME / STUB ACME, Partial Profile

Seite
Page
155



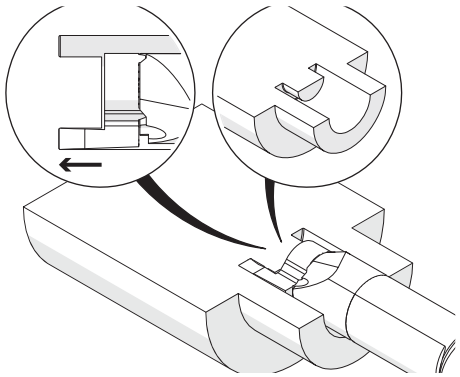
Gewinden: NPT, Vollprofil
Threading: NPT, Full Profile

Seite
Page
156



Gewinden: UNC/UNF, Vollprofil
Threading: UNC/UNF, Full Profile

Seite
Page
157



Axialstechen
Face Grooving