

Drillwex Inneneinsteck- und Formbohrwerkzeug

System Drillwex

Système Drillwex



www.dieterle-tools.com

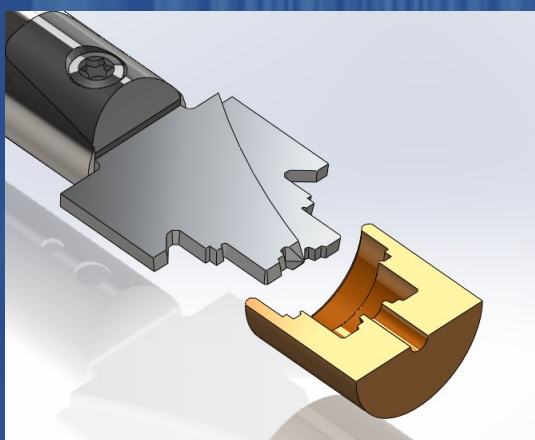
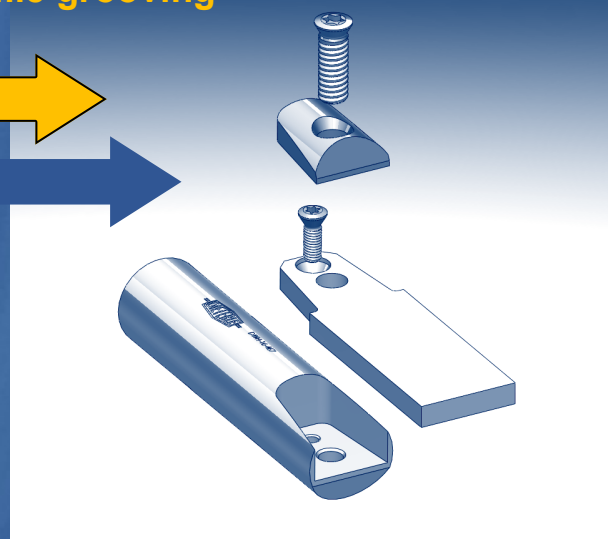




SYSTEM DRILLWEX

An exchangeable insert system for

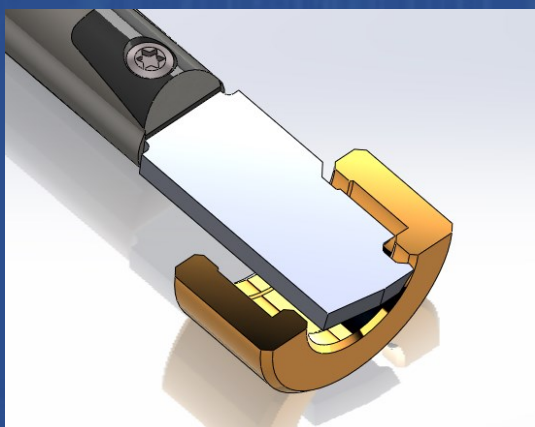
- Profile drilling
- Internal profile drilling (axially and/or radially)
- Axial profile grooving



An exchangeable insert system as alternative
for brazed low-profile drills

Your Advantages:

- ⇒ No risk through soldering process
- ⇒ Quick exchange of inserts
- ⇒ Hardened and ground tool holders in common diameters
- ⇒ Stable insert seat for exact fixing
- ⇒ Safety screw for retraction
- ⇒ Also available with internal coolant channel



Otto Dieterle Spezialwerkzeuge GmbH

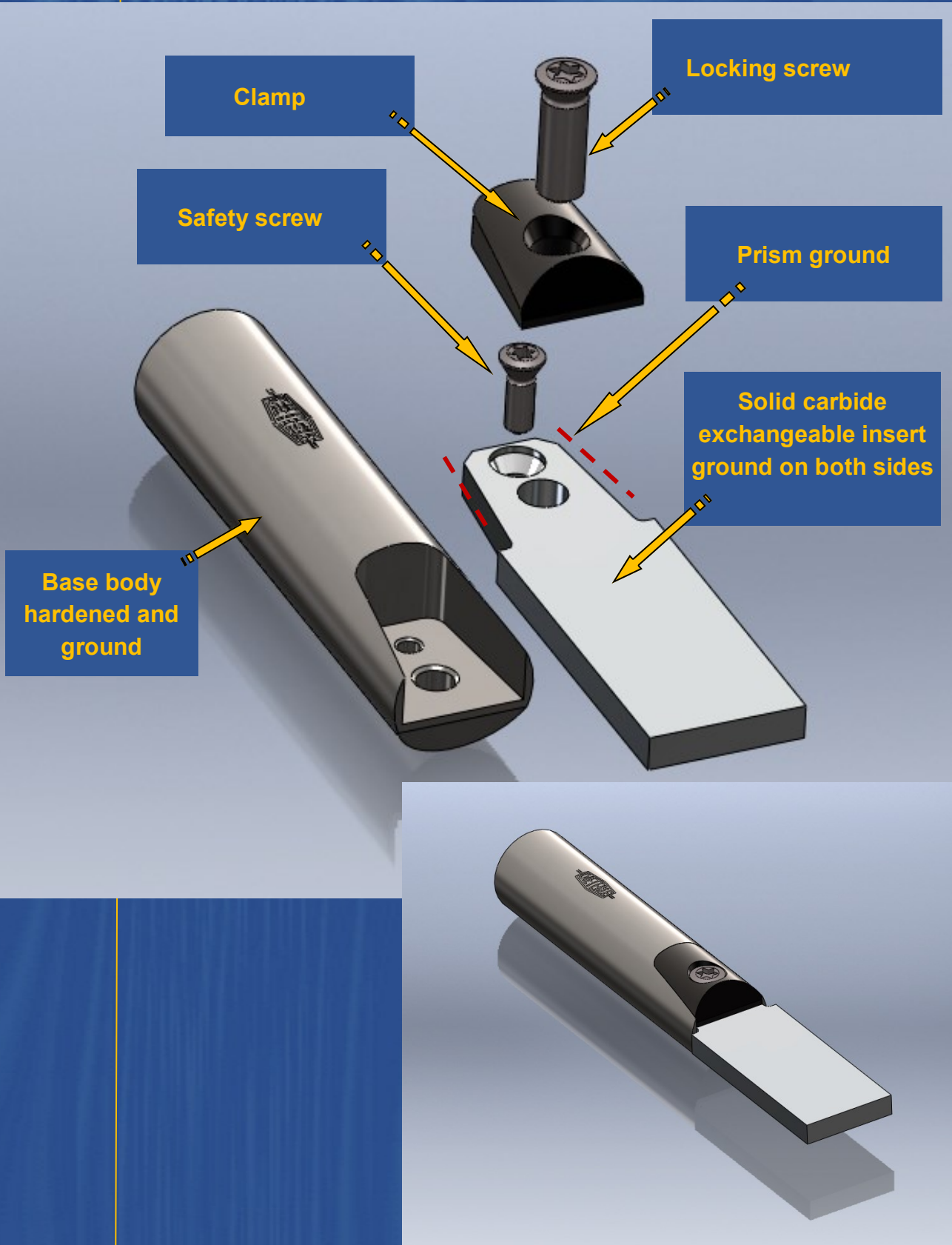
Predigerstr. 56, 78628 Rottweil, Germany

Telefon: 0741/94205-0 Fax: 0741/94205-50

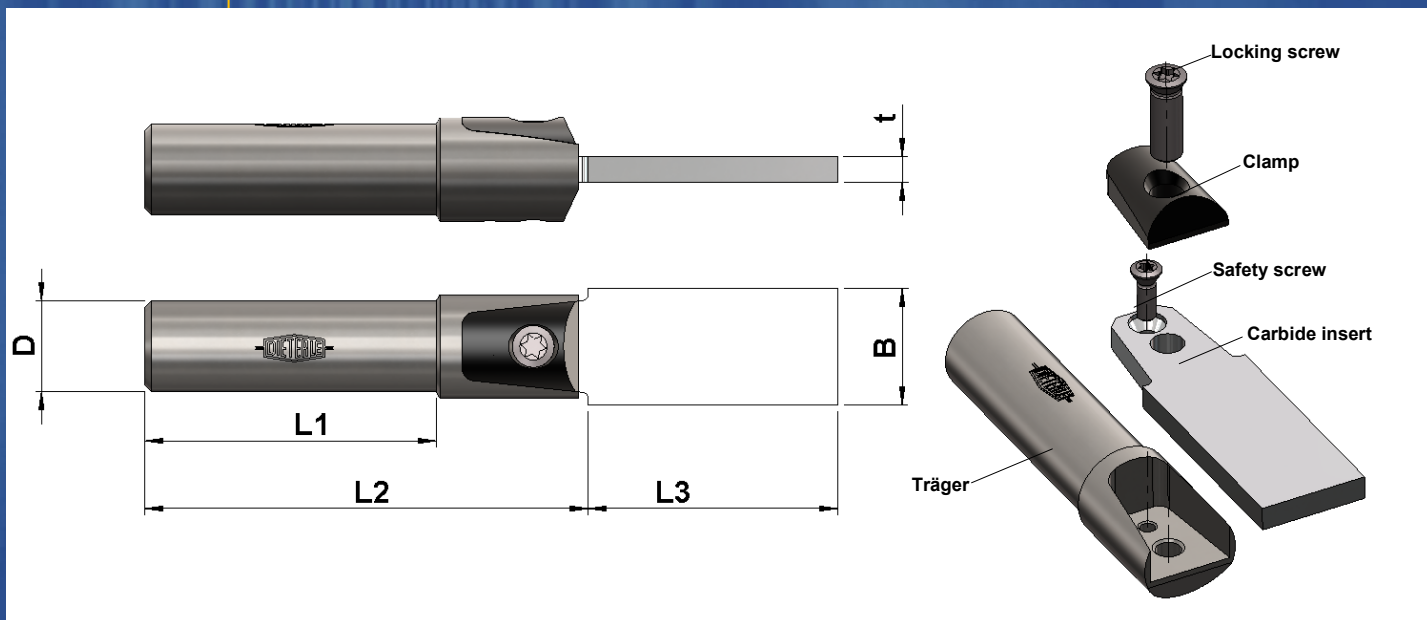
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= DRILLWEX SYSTEM =



= SYSTEM DRILLWEX-10 =



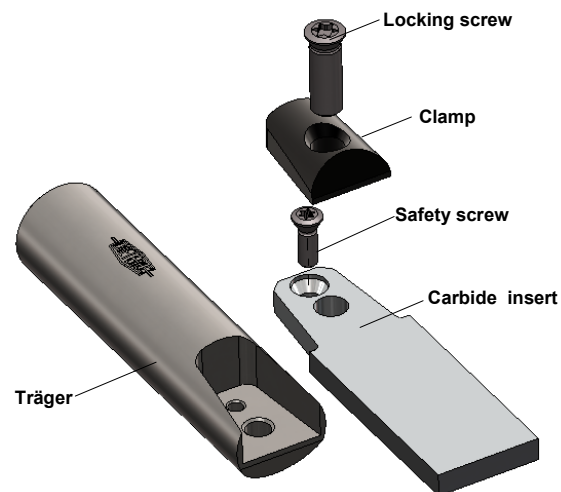
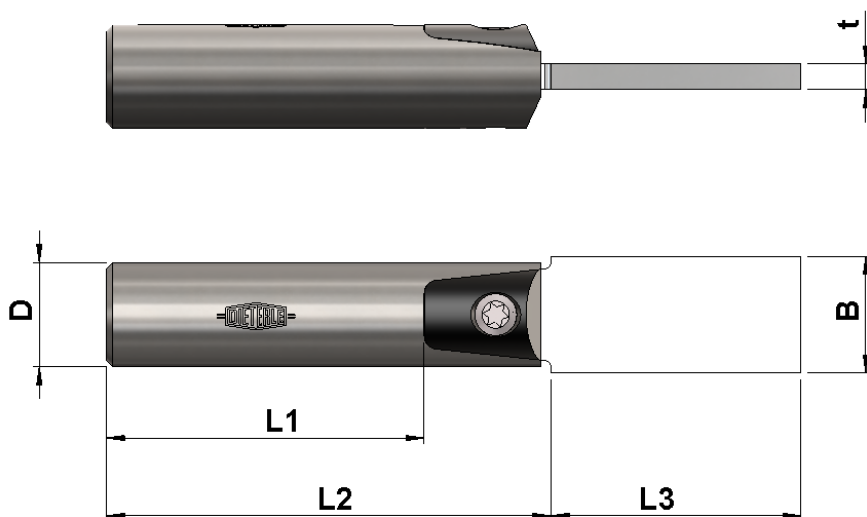
Base body	D (mm)	L1 (mm)	L2 (mm)
DWH-10-2553	10	38	53

Carbide insert	L3 (mm)	B (mm)	t (mm)	Carbide type
DWP-12-2530-K10	30	14	2,5	K10
DWP-12-2540-K10	40	19	2,5	K10
DWP-12-2550-K10	50	24	2,5	K10

Accessory

Clamp	Locking screw	Safety screw
DWK-12-2514	Torx M3x10-T10	Torx M2,5x6-T8

= SYSTEM DRILLWEX-12 =



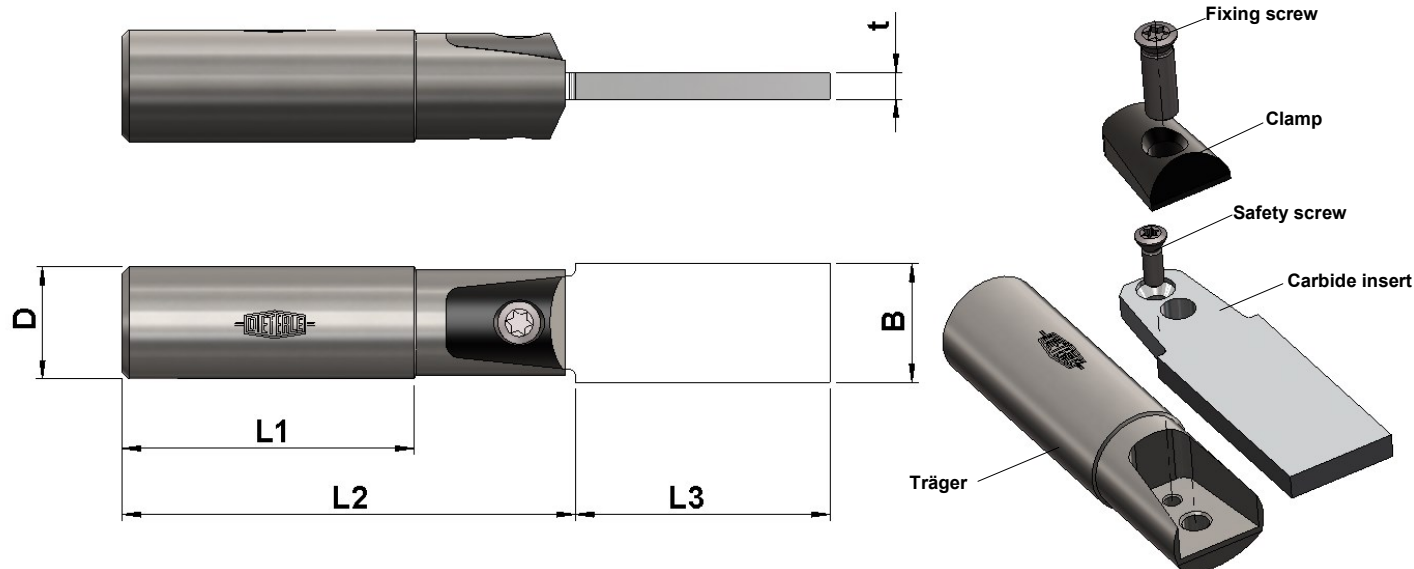
Base body	D (mm)	L1 (mm)	L2 (mm)
DWH-12-2553	12	39	53

Carbide insert	L3 (mm)	B (mm)	t (mm)	Carbide type
DWP-12-2530-K10	30	14	2,5	K10
DWP-12-2540-K10	40	19	2,5	K10
DWP-12-2550-K10	50	24	2,5	K10

Accessory

Clamp	Locking screw	Safety screw
DWK-12-2514	Torx M3x10-T10	Torx M2,5x6-T8

= SYSTEM DRILLWEX-14 =



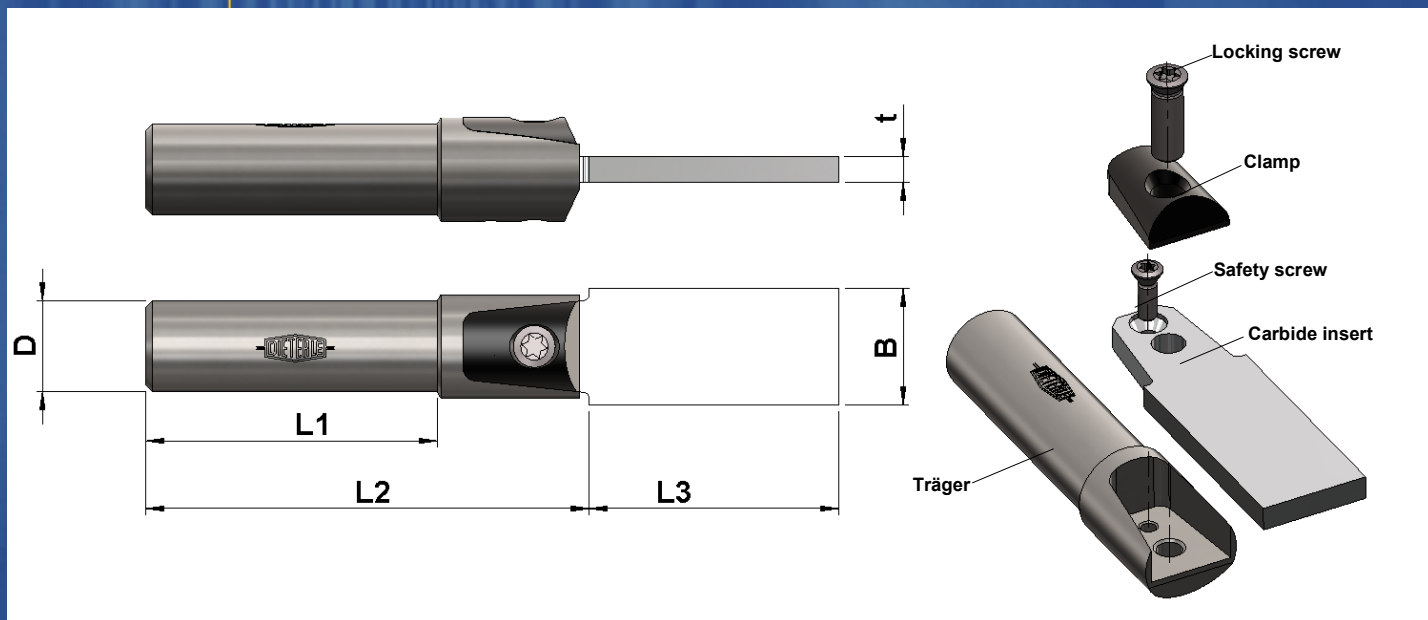
Base body	D (mm)	L1 (mm)	L2 (mm)
DWH-14-2553	14	38	53

Carbide insert	L3 (mm)	B (mm)	t (mm)	Carbide type
DWP-12-2530-K10	30	14	2,5	K10
DWP-12-2540-K10	40	19	2,5	K10
DWP-12-2550-K10	50	24	2,5	K10

Accessory

Clamp	Locking screw	Safety screw
DWK-12-2514	Torx M3x10-T10	Torx M2,5x6-T8

= SYSTEM DRILLWEX-15 =



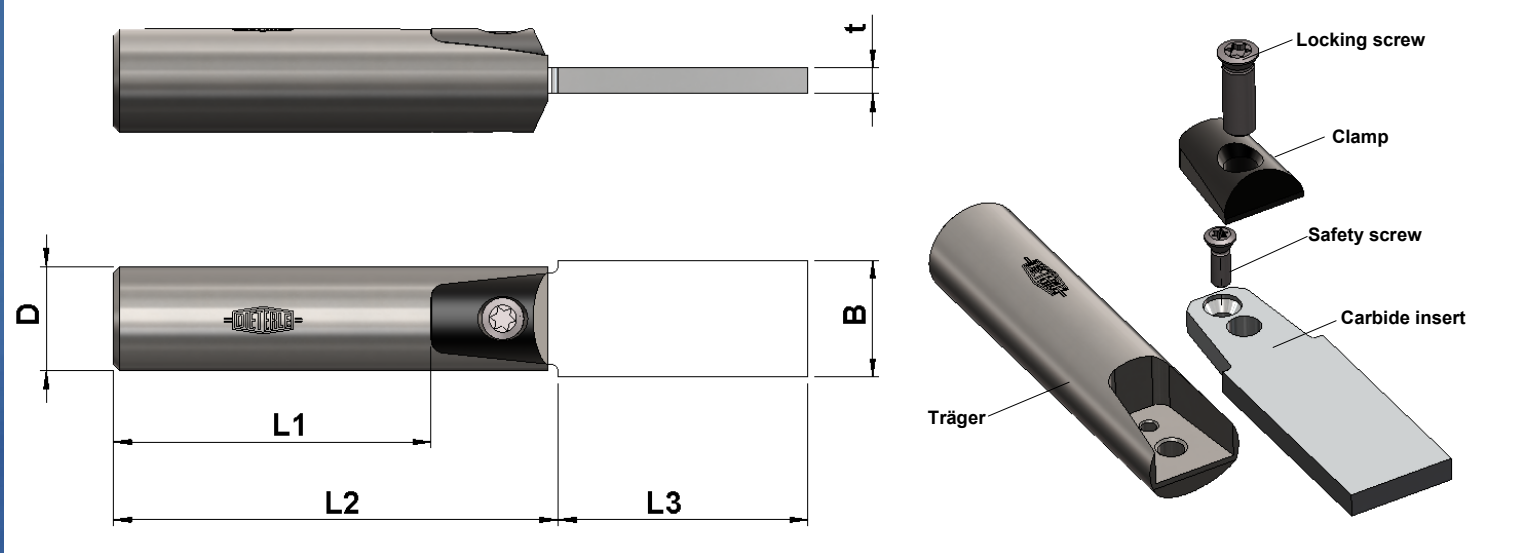
Base body	D (mm)	L1 (mm)	L2 (mm)
DWH-15-467	15	48,5	67

Carbide insert	L3 (mm)	B (mm)	t (mm)	Carbide insert
DWP-16-430-K10	30	16	4	K10
DWP-16-440-K10	40	18	4	K10
DWP-16-450-K10	50	23	4	K10
DWP-16-451-K10	51	28	4	K10
DWP-16-460-K10	60	28	4	K10

Accessory

Clamp	Locking screw	Safety screw
DWK-16-424	Torx M5x15-T25	Torx M3x8-T10

= SYSTEM DRILLWEX-16 =



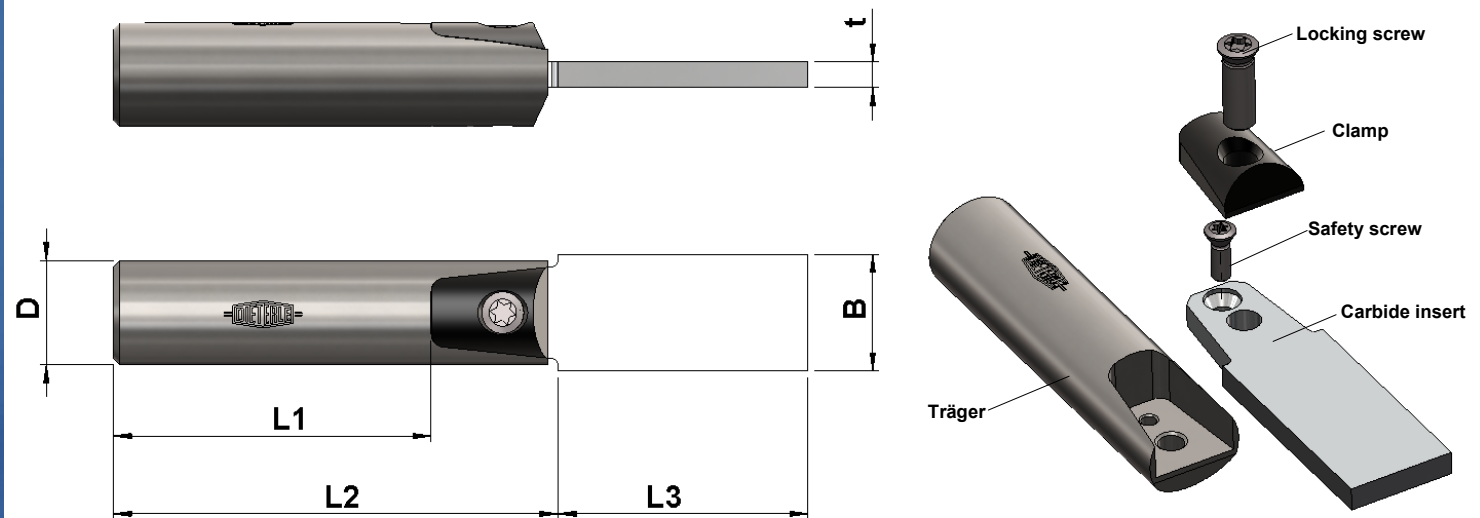
Base body	D (mm)	L1 (mm)	L2 (mm)
DWH-16-467	16	49	67

Carbide insert	L3 (mm)	B (mm)	t (mm)	Carbide insert
DWP-16-430-K10	30	16	4	K10
DWP-16-440-K10	40	18	4	K10
DWP-16-450-K10	50	23	4	K10
DWP-16-451-K10	51	28	4	K10
DWP-16-460-K10	60	28	4	K10

Accessory

Clamp	Locking screw	Safety screw
DWK-16-424	Torx M5x15-T25	Torx M3x8-T10

= SYSTEM DRILLWEX-20 =



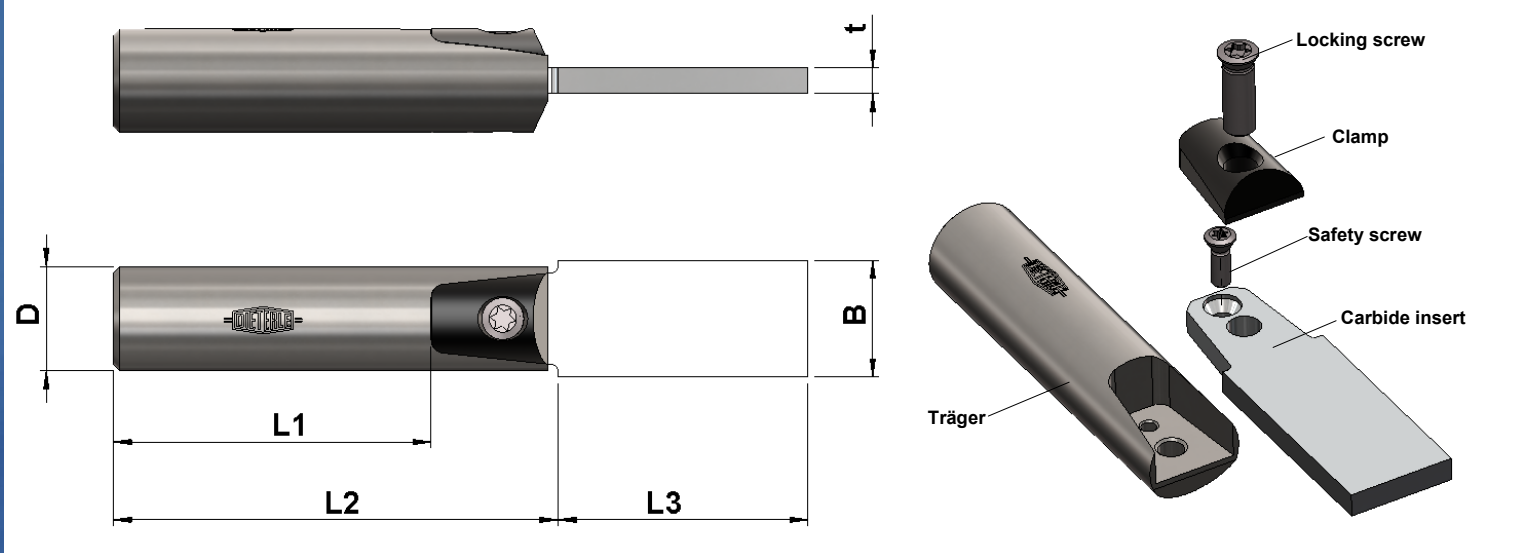
Base body	D (mm)	L1 (mm)	L2 (mm)
DWH-20-571	20	49	71

Carbide insert	L3 (mm)	B (mm)	t (mm)	Carbide type
DWP-20-540-K10	40	22	5	K10
DWP-20-550-K10	50	27	5	K10
DWP-20-560-K10	60	32	5	K10

Accessory

Clamp	Locking screw	Safety screw
DWK-20-522	DIN-912 M6x16 SW5	Torx M3x10-T10

= SYSTEM DRILLWEX-25 =



Base body	D (mm)	L1 (mm)	L2 (mm)
DWH-25-573	25	49	73

Carbide insert	L3 (mm)	B (mm)	t (mm)	Carbide type
DWP-25-550-K10	50	27	5	K10
DWP-25-551-K10	51	40	5	K10
DWP-25-560-K10	60	34	5	K10
DWP-25-570-K10	70	40	5	K10

Accessory

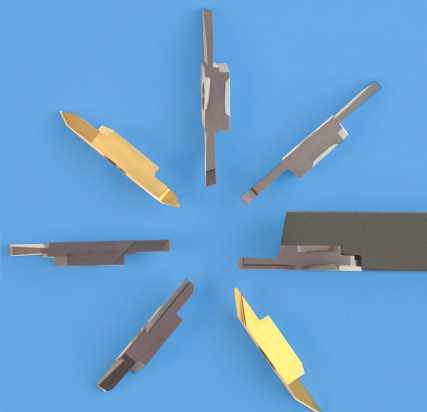
Clamp	Locking screw	Safety screw
DWK-25-524	DIN-912 M6x20 SW5	Torx M3x10-T10

Tools for automatic lathes

System SSXA

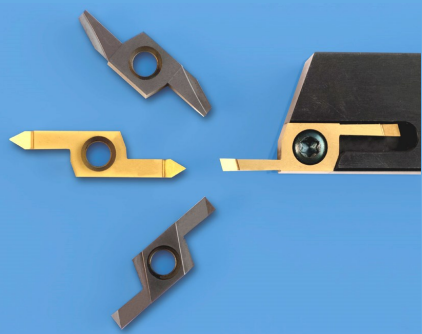
3 different insert sizes for all turning applications!

Special cutting edges for materials producing long chips



System SSXC

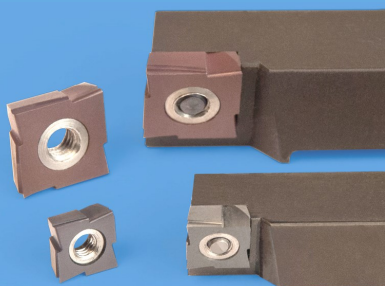
Especially stable inserts for large cutting depths



System LWP

Cost-efficient long-turning insert with 3 cutting edges

Cutting radius: 0 mm or 0,2 mm or 0,4 mm



Tools for internal machining

Step Drills

Out of HSS or solid carbide

Appropriate for producing complex internal contours according to customer's specification!

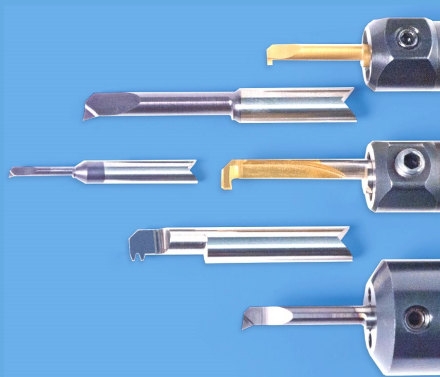


Tooling System MFE

For internal machining

All tool holders are available in common diameters and with internal coolant channel

Well fixed cutting inserts cope with all machining problems.



Tools for medical technology

System Rotowibex

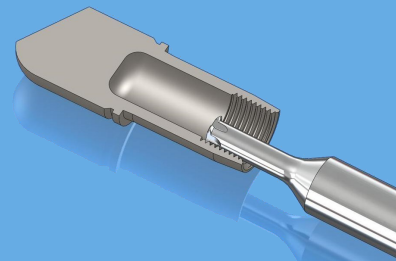
Thread whirling tools for manufacturing of medical screws and connections (external threads)



System Miniwibex

Thread whirling tools for internal threads

Multi-toothed execution from thread M0,7 upward



Profile Broach / Punch

Out of HSS or solid carbide

from $\varnothing=0,7\text{mm}$ or Torx-T4 upward.



Request our catalogues!

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