



EWS GmbH & CO.KG
GERMANY

www.ews-tools.de

מחזיקי כלים לצריחי מכונות חריטה, מכונות חריטה וכרסום - MULTI TASK MACHINES

- כלים סטטיים: HSK, BMT, VDI
לחריטה חיצונית, לחריטה פנימית, למקדחי שימות.
- כלים מסתובבים: VDI, HSK, BMT
- כלים ציריים וכלים רדיאלים
למחזיקי תפסניות ER למחזיקים לתקן WELDON
לחיבורי KM, CAPTO, ABS
- מגוון מחזיקי הכלים מותאמים למאות דגמי מחרטות:
DAEWOO-DOSAN, HYUNDAI- KIA, MORI- SIEKI, MAZAK, OKUMA ואחרים

נציגים ומפיצים בלעדיים בישראל - יעוץ • מכירה • שרות

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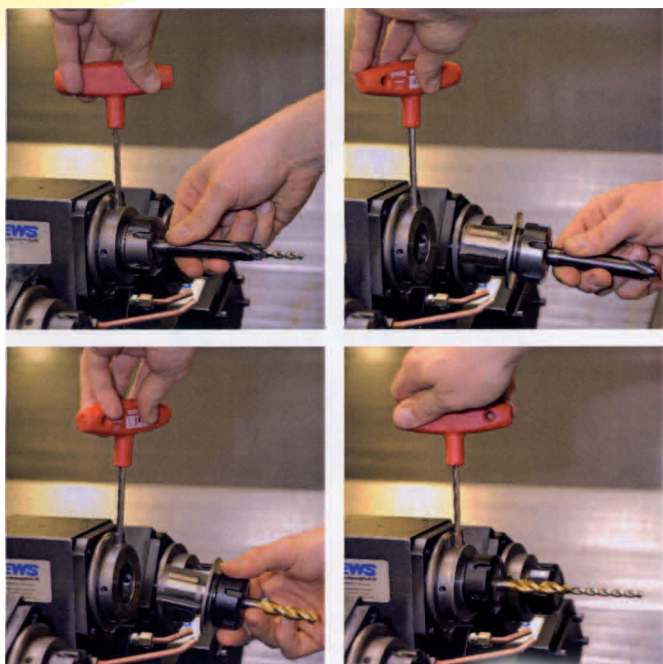
ארנולד חברה למסחר בע"מ
רח' המכתש 6, א.ת. חולון, טל. 03-5581313 פקס. 03-5581317



Precision in Motion

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Varia



Reducing set-up time

- Quick change through only one clamping point
- Clamping of the inserts without any radial force
- No risk of injury when changing tools

Varia V3 = VDI25 / VDI30 / BMT55

Varia V4 = VDI40 / BMT65



Varia V5

New, EWS Varia V5

- For torques up to 160Nm

Varia V5 = VDI50 / VDI60 / BMT75 / BMT85

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Tool holders for CNC-lathes and multi tasking machines



EWS tool holders according to DIN 69880/69881 and special design refer to the machines, as well as HSK and Capto tools

- are available for almost all CNC-lathes including special design
- with internal cooling supply, with adjustable coolant nozzles
- more than 5000 different standard types are available ex stock and we offer specials according to your design or our proposals



Floating chuck



HSK



Capto



Prismatic tool holder according to DIN 69881

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**Driven tools for complete machining of workpieces
on CNC-lathes and multi tasking machines**

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**EWS driven tools for complete machining of workpieces
on CNC-lathes**

- are available for almost all CNC-lathes with different shank diameters and couplings
- with different gear ratios dependant on customers requirements
- high precision bearings and high quality gears provide optimum machining capabilities
- are available as collet chuck, weldon adaptor, milling arbor and tapping head, with inside or outside cooling supply. Hydraulic chucks for hight precision machining

Gear hobbing



Axial drilling and milling head



Double axial holder y-axis offset



Saw milling spindle

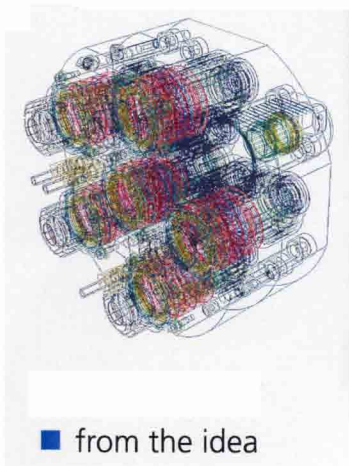


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Prototyping for special tools



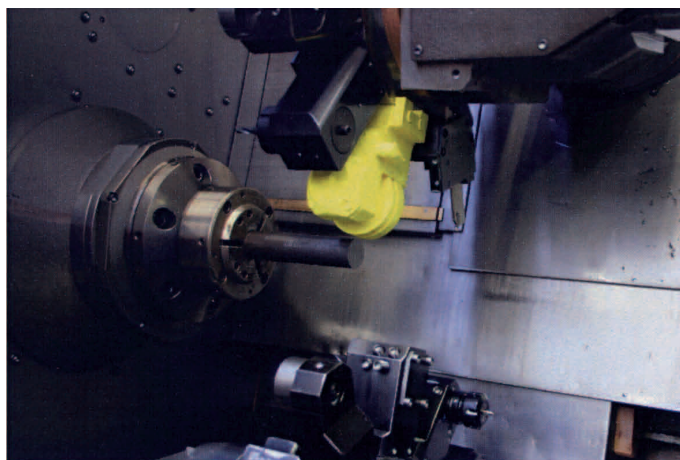
■ from the idea



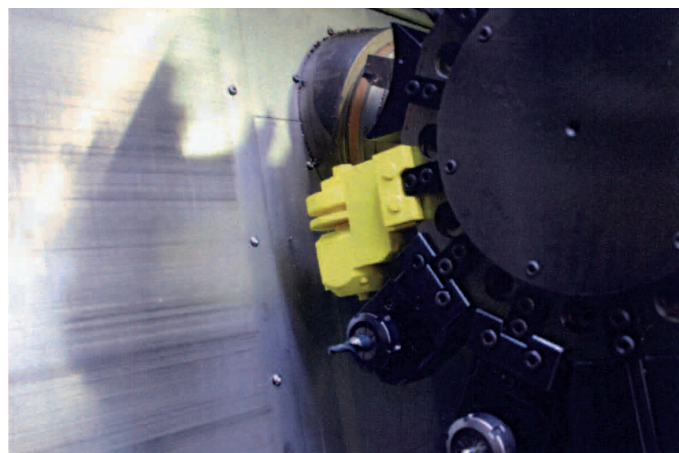
■ with safety



■ to the finished product



■ Check of interference in the working area

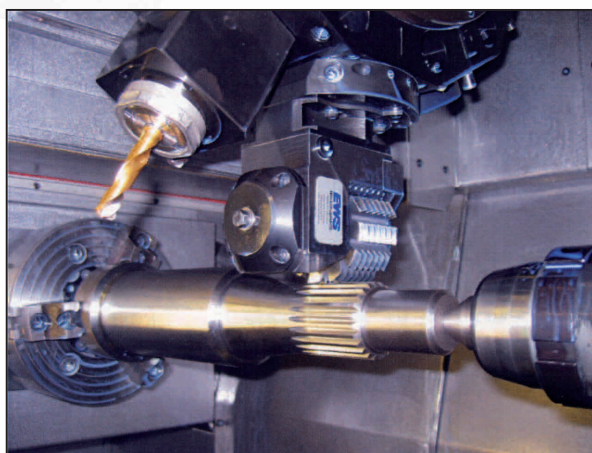
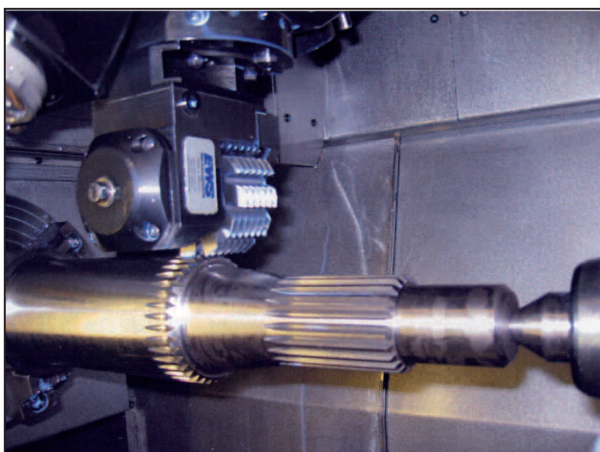
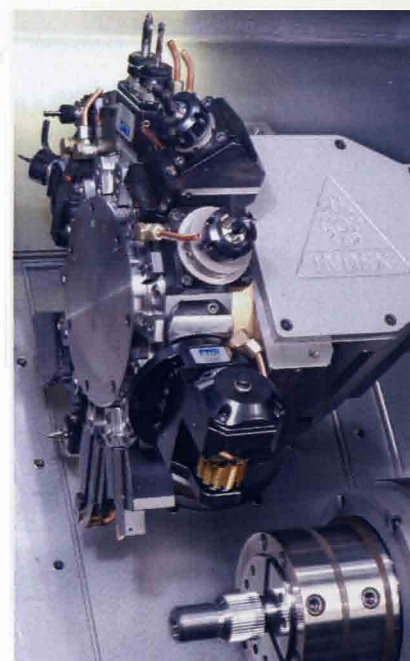
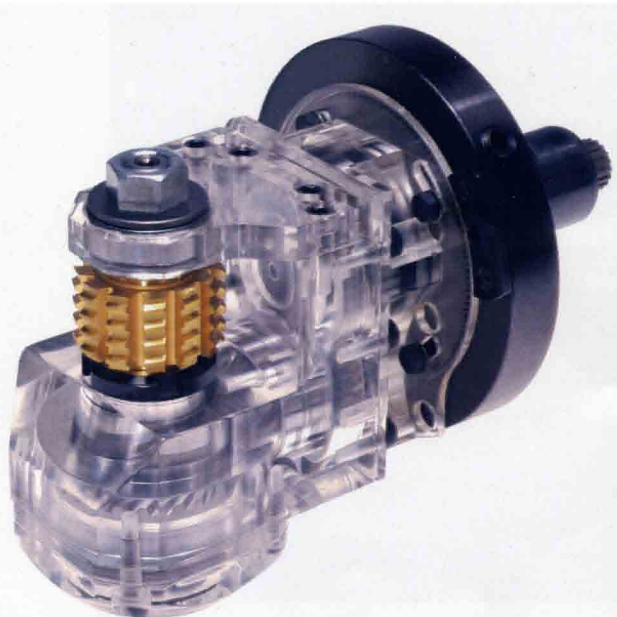


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**Gear hobbing
without Y- and B-axis**

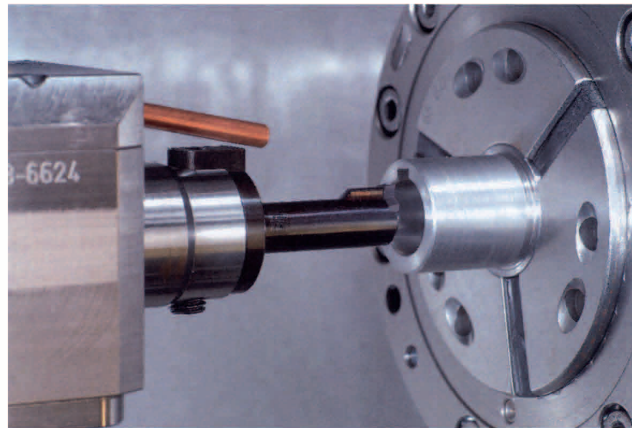


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Push Slotting with EWS, The New Dimension



Push Slotting on your Lathe with EWS-Slot

The new dimension for your complete machining process

The newly developed Push Type Slotter, EWS-Slot, changes the rotary motion of the turret drive in a translational motion with integrated lifting functions on the return stroke.

The economical manufacturing of internal profiles, keyways or teeth has been given a new dimension. Together with the innovative TKW-Head, complete drive assemblies are now feasible on your lathe.



EWS-Slot stroke length and nut depth up to 30mm



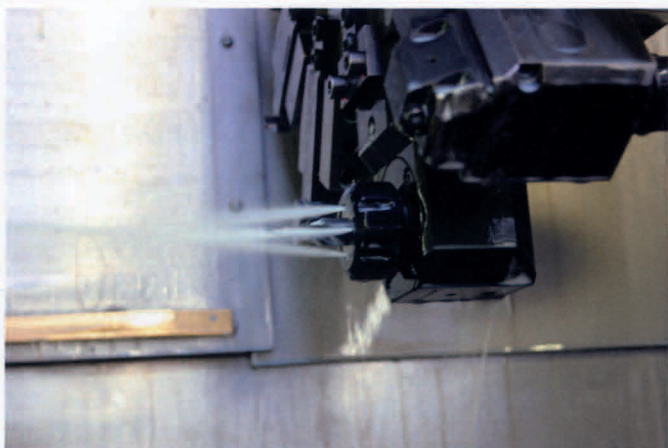
EWS-TKW Series up to 2 module

Precision in Motion



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Cooling got to the point



- Collet DIN 6499 with inclined bores to centralise the coolant
- pressure tight up to 70bar

Article Nr.	bore Ø
162 426 ENC-ECD	3-7
202 428 ENC-ECD	3-9
252 430 ENC-ECD	3-14
322 470 ENC-ECD	3-20
402 472 ENC-ECD	3-26
502 474 ENC-ECD	6-32



Uncompromissingly to the cutting edge The cooling solutions from EWS



- Coolant nozzles with an inclined bore of 45°

- Reducing sleeve with an additionally integrated coolant nozzle and pre-assembling screw in the collar for the pre-setting of the tool



- Diaphragm seal for IK boring bars and borers

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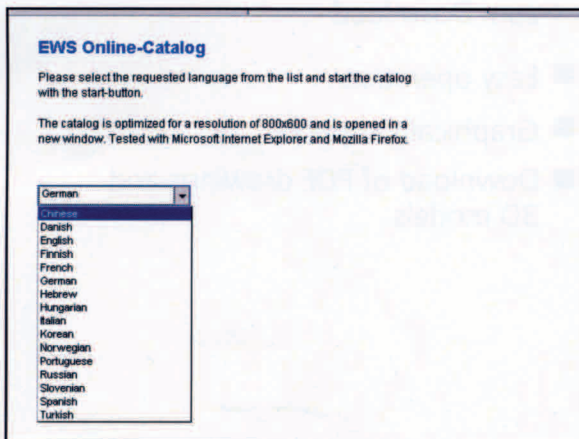
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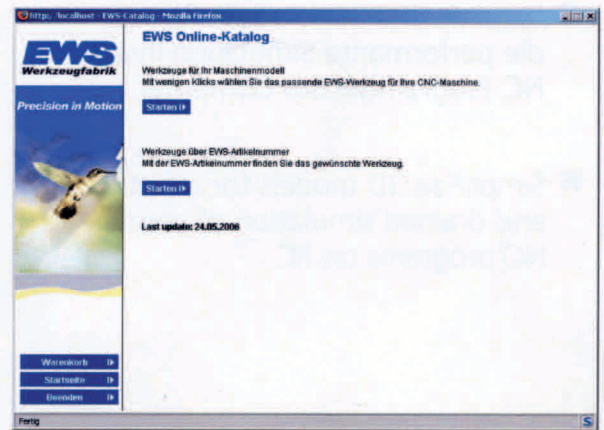
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Online-Katalog



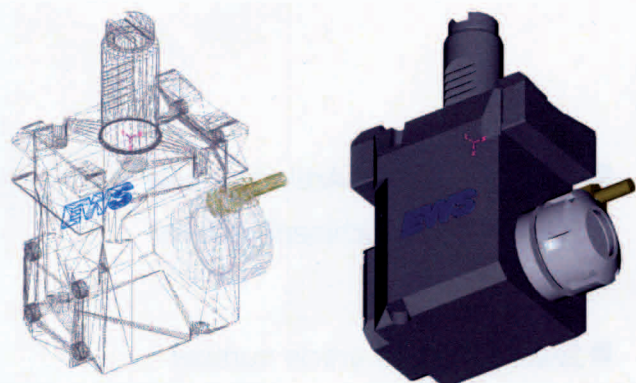
- Available in 18 languages



- Search for EWS article number
- Search via machine producer



- Easy operation
- Graphically support
- Download of PDF drawings and 3D models



- Simplified 3D models for a fast and drained simulation of your NC programs on PC

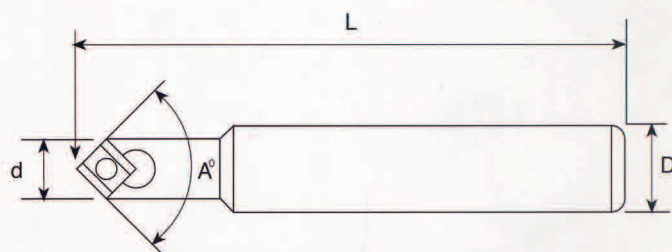
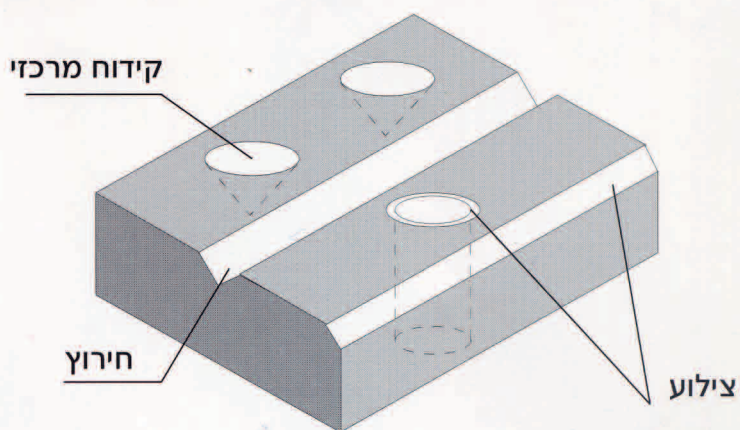
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שקען הפלא MOMIMEN

כלי רב תכליתי 90° ו- 118°
קידוח מרכזי, כירסום פאזות וחירוף - V



מודל	זווית קצה A	אורך כללי L	קוטר קנה D	קוטר מכסימלי d	שימה מתחלפת
SC 1645C	90°	110 מ"מ	16 מ"מ	13 מ"מ	C32GUX
SC 1630 C	118°	110 מ"מ	16 מ"מ	16 מ"מ	

תנאי שיבוב

חומר	מהירות - סל"ד	קידוח	קידמה מ"מ / דקה	סוג שימה
פלדות	3000	80	200	NK2020
נירוסטה	2000	50	150	
אלומיניום	4000	150	200	NK1010
ברזל יציקה	3200	100	200	