



TheToolingCompany

# CNC Tool-Holders

Marble, Stone, and Glass - Manufacturing

T-Tool USA  
2850 Glades Circle  
Suite 15  
Weston, FL 33327

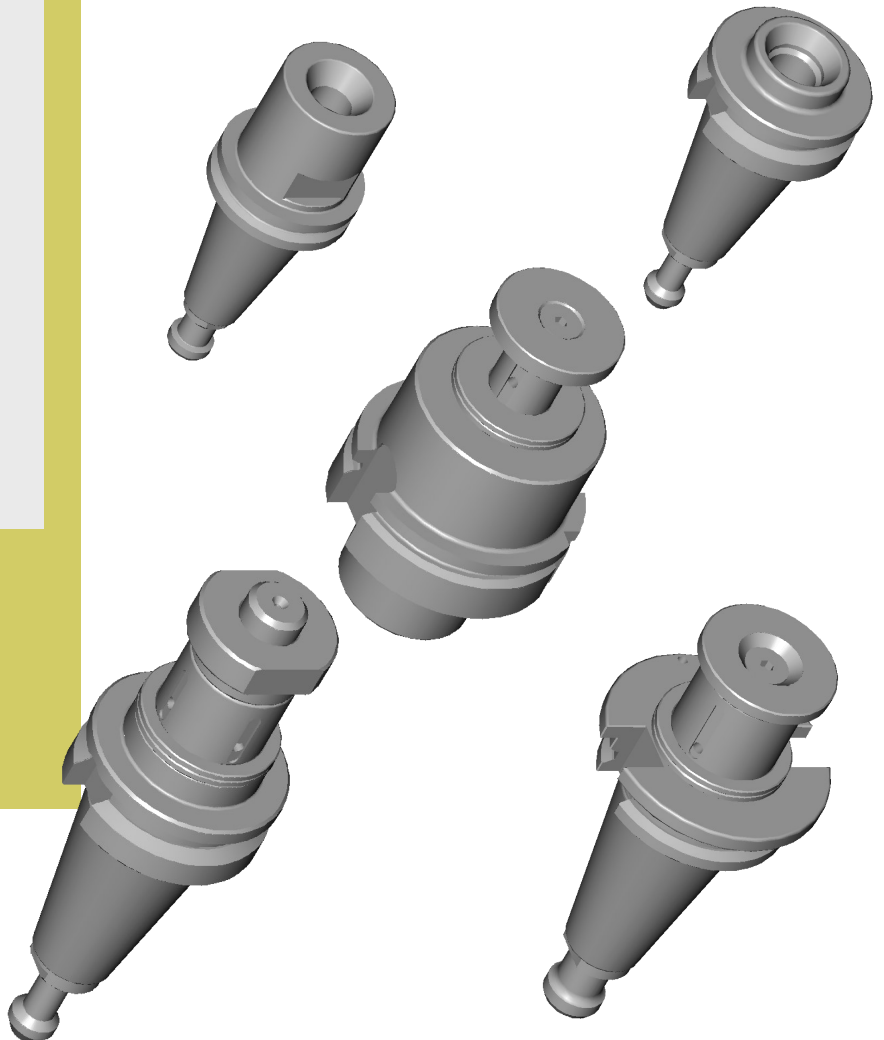
Phone: 954-358-6071  
Fax: 954-358-6073  
[www.t-toolusa.com](http://www.t-toolusa.com)

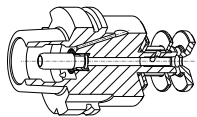
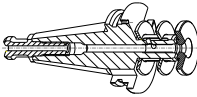
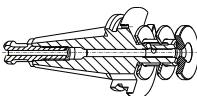
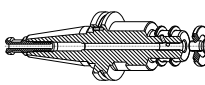
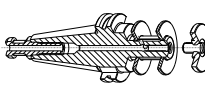
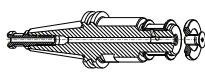
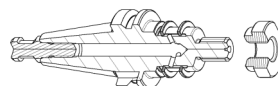
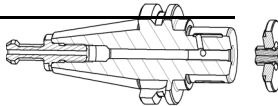

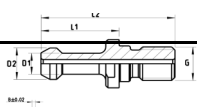


**Construction, Production, and Distribution  
All From One Source**

ISO 40 (SK40 DIN 69871)

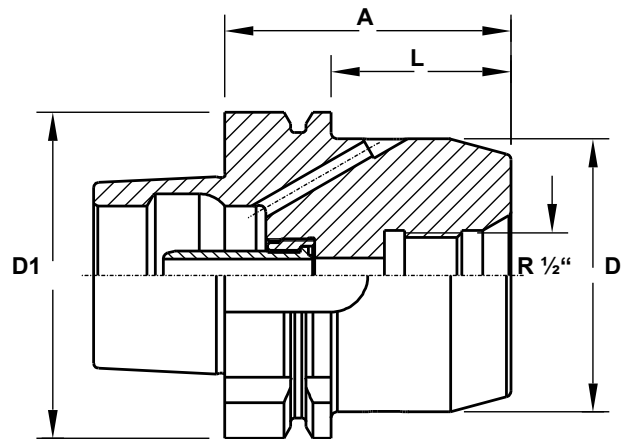
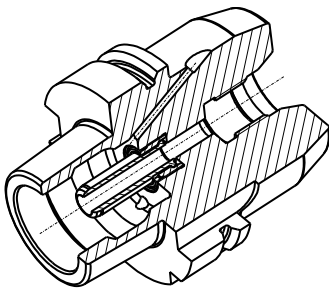
HSK 80 B, DIN 69893-2

BT40 PARK



ITEM	PAGE	
<b>Breton</b> drill point holder / collet chuck holder / grinding wheel holder	3 - 5	
<b>Intermac / Northwood</b> drill point holder / collet chuck holder / grinding wheel holder	6 - 8	
<b>Bimatec</b> drill point holder / collet chuck holder / grinding wheel holder	9 - 11	
<b>CMS Brembama (old)</b> drill point holder / collet chuck holder / grinding wheel holder	12 - 14	
<b>Bavelloni / Scandinvent</b> drill point holder / collet chuck holder / grinding wheel holder	15 - 17	
<b>CMS Brembana (new)</b> drill point holder / collet chuck holder / grinding wheel holder	18 - 20	
<b>Park / Denver / Thibaut - standard line</b> drill point holder / grinding wheel holder	21 - 22	
<b>Park / Denver / Thibaut - new line</b> drill point holder / grinding wheel holder	23	
<b>Accessories</b>	24	
<b>Pull studs</b>	25 - 26	
<b>Spacers</b>	27	
<b>Technical Data</b>	28	

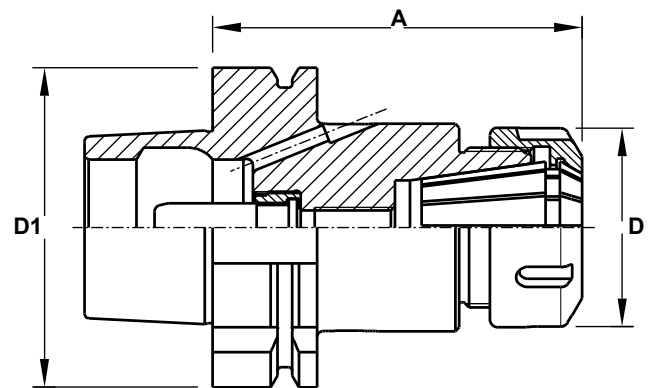
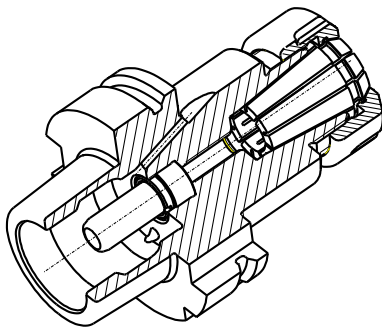
- hardened and ground
- coolant thru
- corrosion resistant coated



D1	D	A	L	R	item number	price
HSK-B 80	67	70	44	1/2"	FD.HSK80B070R1/2	

Delivery condition: coolant kit included

- hardened and ground
- coolant thru
- corrosion resistant coated

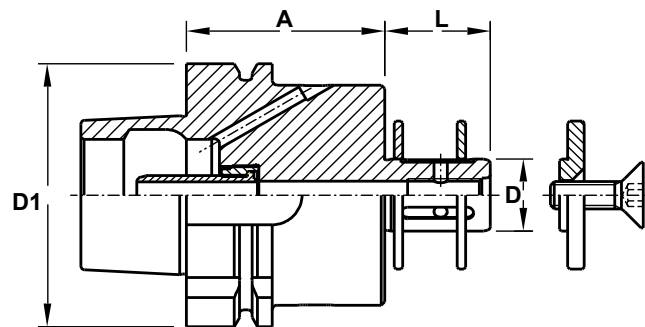
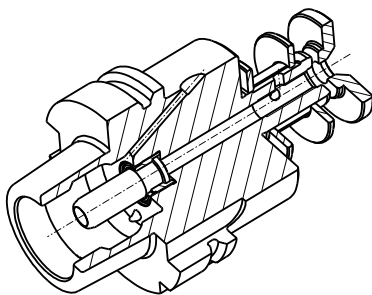


D1	nominal size	clamping range	A	D	item number	price
HSK-B 80	ER 32	3 - 20	92,5	50	SPZ.HSK80B92532ER	*
	ER 40	3 - 26	96,5	63	SPZ.HSK80B96540ER	*

\* Special order only!

Delivery condition: without collet, coolant kit and collet nut included

- hardened and ground
- coolant thru
- corrosion resistant coated



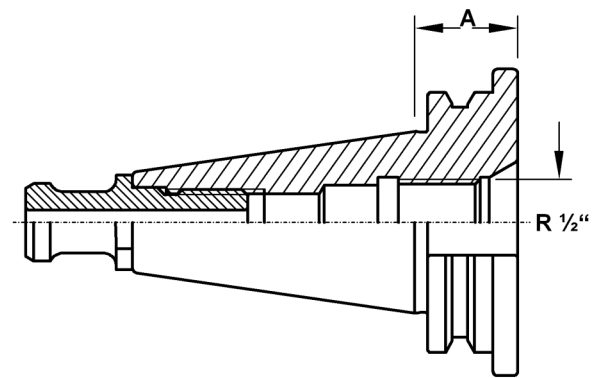
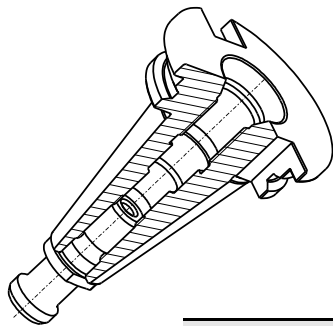
D1	D	A	L	item number	price
HSK-B 80	22	60	20	FD.HSK80B6002220	
	22	60	32	FD.HSK80B6002232	
	22	60	90	FD.HSK80B6002290	
	35	60	20	FD.HSK80B6003520	
	35	60	32	FD.HSK80B6003532	
	35	60	39	FD.HSK80B6003539	
	35	60	47	FD.HSK80B6003547	
	35	60	90	FD.HSK80B6003590	*
	45	60	44	FD.HSK80B6004544	*

special sizes on request

\* Special order only!

Delivery condition: coolant kit and locking kit included

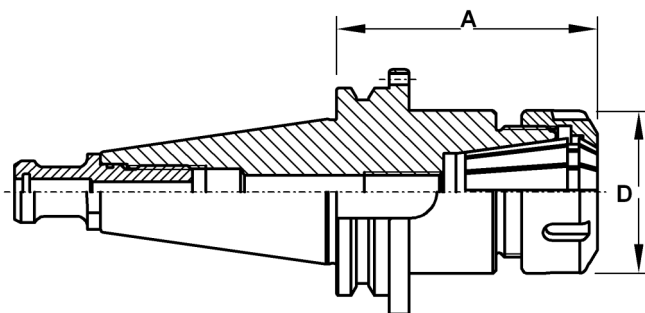
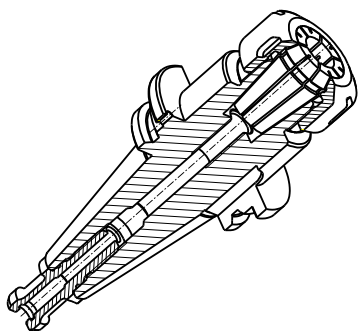
- hardened and ground
- coolant thru
- corrosion resistant coated



taper size	A	R	item number	price
ISO 40	25	R=1/2"	FD.40IM025R1/2	

Delivery condition: pull stud included

- hardened and ground
- coolant thru
- corrosion resistant coated

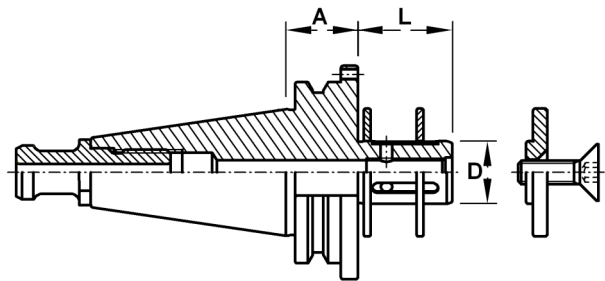
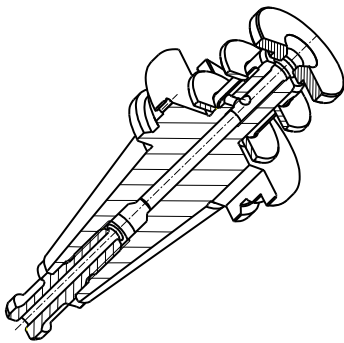


taper size	nominal size	clamping range	A	D	item number	price
ISO 40	ER 32	3 - 20	60	50	SPZ.40IM06032ER	*
	ER 40	3 - 26	65	63	SPZ.40IM06540ER	

\* Special order only!

Delivery condition: without collet, pull stud and collet nut included

- hardened and ground
- coolant thru
- corrosion resistant coated



taper size	D	A	L	item number	price
ISO 40	22	25	20	FD.40IM02502220	
	22	25	34	FD.40IM02502234	
	22	25	39	FD.40IM02502239	
	22	25	90	FD.40IM02502290	
	35	25	34	FD.40IM02503534	
	35	25	39	FD.40IM02503539	
	35	25	47	FD.40IM02503547	
	35	25	80	FD.40IM02503580	
	35	25	90	FD.40IM02503590	*
	45	25	34	FD.40IM02504534	*
	45	25	39	FD.40IM02504539	*
	45	25	90	FD.40IM02504590	*
	50	25	5	FD.40IM02505005	*

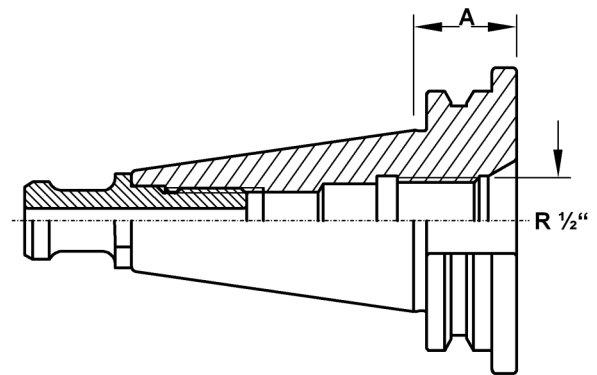
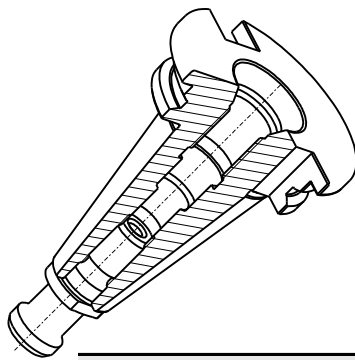
special sizes on request

\* Special order only!

Delivery condition: pull stud and locking kit included



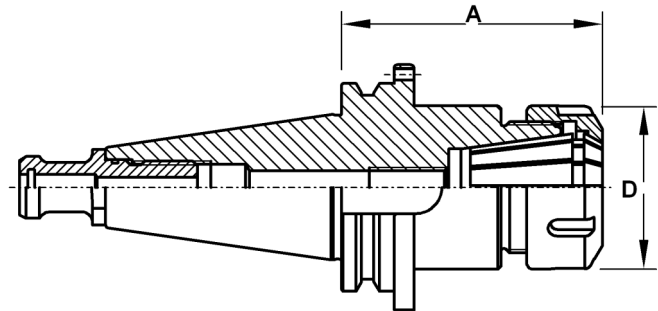
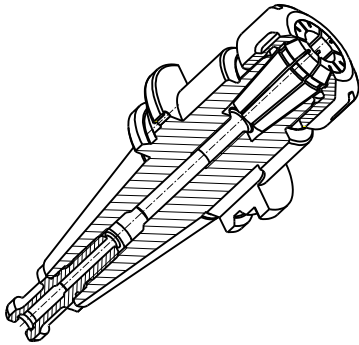
- hardened and ground
- coolant thru
- corrosion resistant coated



taper size	A	R	item number	price
ISO 40	25	R=1/2"	FD.40BI025R1/2	

Delivery condition: pull stud included

- hardened and ground
- coolant thru
- corrosion resistant coated

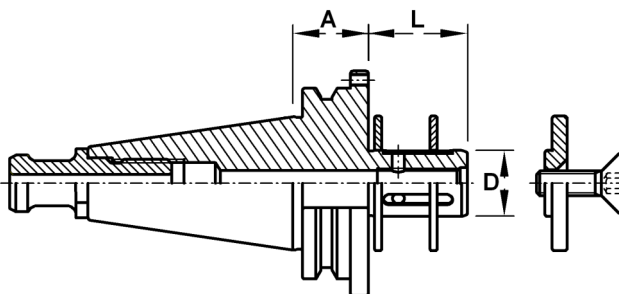
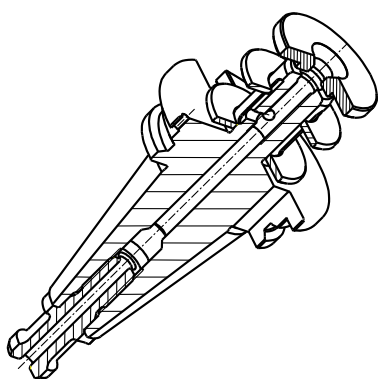


taper size	nominal size	clamping range	A	D	item number	price
ISO 40	ER 32	3 - 20	60	50	SPZ.40BI06032ER	*
	ER 40	3 - 26	65	63	SPZ.40BI06540ER	

\* Special order only!

Delivery condition: without collet, pull stud and collet nut included

- hardened and ground
- coolant thru
- corrosion resistant coated



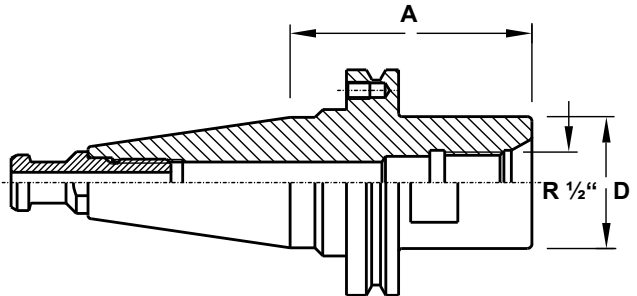
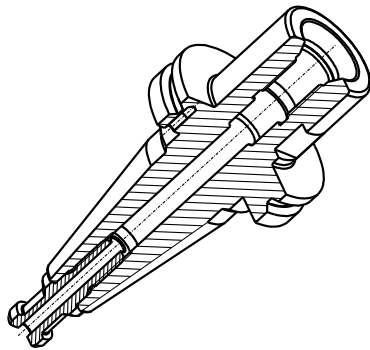
taper size	D	A	L	item number	price
ISO 40	22	25	20	FD.40BI02502220	
	22	25	34	FD.40BI02502234	
	22	25	39	FD.40BI02502239	
	22	25	90	FD.40BI02502290	
	35	25	34	FD.40BI02503534	
	35	25	39	FD.40BI02503539	
	35	25	47	FD.40BI02503547	
	35	25	80	FD.40BI02503580	
	35	25	90	FD.40BI02503590	*
	45	25	34	FD.40BI02504534	*
	45	25	39	FD.40BI02504539	*
	45	25	90	FD.40BI02504590	*
	50	25	5	FD.40BI02505005	*

special sizes on request

\* Special order only!

Delivery condition: pull stud and locking kit included

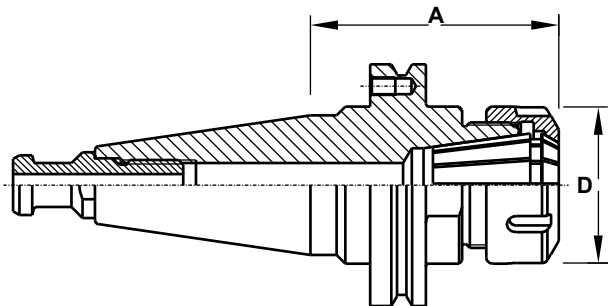
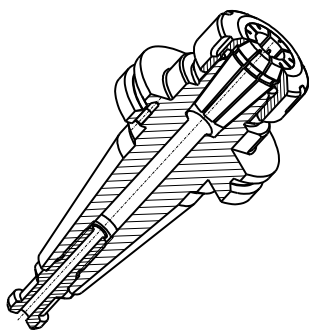
- hardened and ground
- coolant thru
- corrosion resistant coated



taper size	D	A	R	item number	price
ISO 40	45	72	R=1/2"	FD.40BR072R1/2	

Delivery condition: pull stud included

- hardened and ground
- coolant thru
- corrosion resistant coated

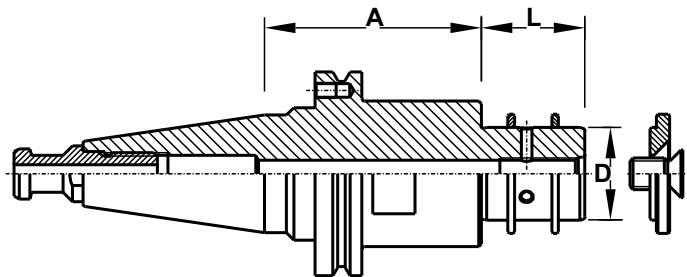
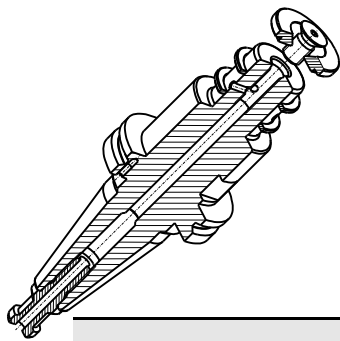


taper size	nominal size	clamping range	A	D	item number	price
ISO 40	ER 32	3 - 20	80	50	SPZ.40BR08032ER	*
	ER 40	3 - 26	83	63	SPZ.40BR08340ER	

\* Special order only!

Delivery condition: without collet, pull stud and collet nut included

- hardened and ground
- coolant thru
- corrosion resistant coated

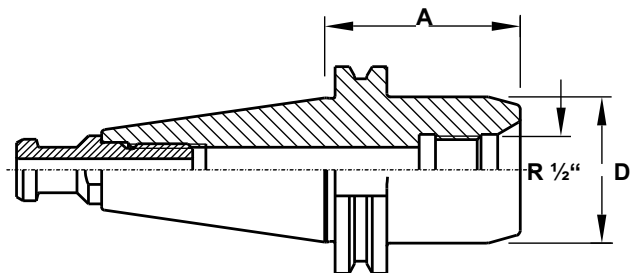
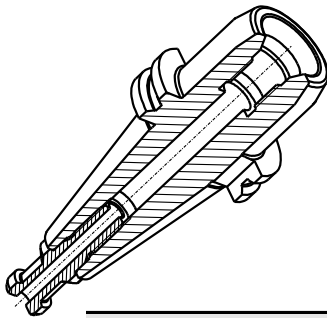


taper size	D	A	L	item number	price
ISO 40	22	82	20	FD.40BR08202220	*
	22	82	39	FD.40BR08202239	*
	22	82	80	FD.40BR08202280	*
	35	82	20	FD.40BR08203520	*
	35	82	34	FD.40BR08203534	
	35	82	39	FD.40BR08203539	
	35	82	47	FD.40BR08203547	
	35	82	80	FD.40BR08203580	
	45	82	45	FD.40BR08204545	*
	50	82	5	FD.40BR08205005	*

\* Special order only!

Delivery condition: pull stud and locking kit included

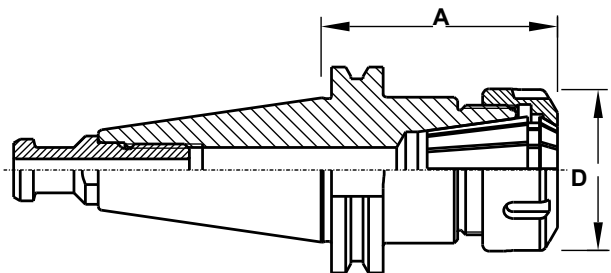
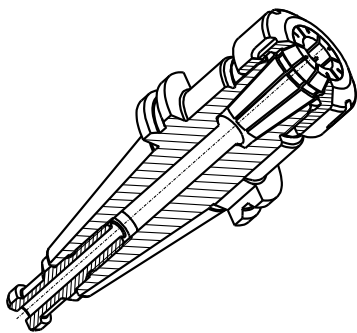
- hardened and ground
- coolant thru
- corrosion resistant coated



taper size	D	A	R	item number	price
ISO 40	35	54	R=1/2"	FD.40BA054R1/2	

Delivery condition: pull stud included

- hardened and ground
- coolant thru
- corrosion resistant coated



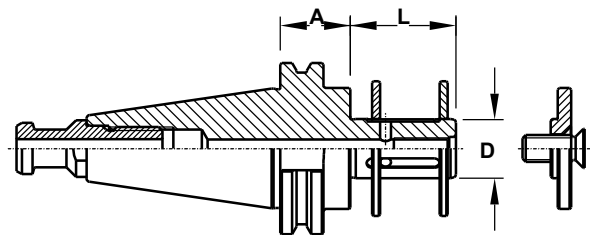
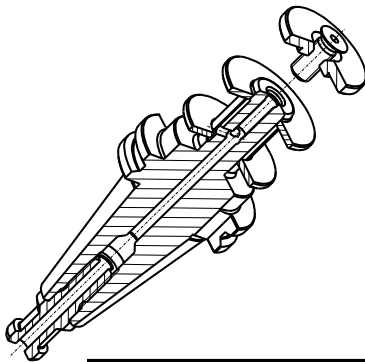
taper size	nominal size	clamping range	A	D	item number	price
ISO 40	ER 32	3 - 20	72,5	50	SPZ.40BA72532ER	*
	ER 40	3 - 26	72,5	63	SPZ.40BA72540ER	*

\* Special order only!

Delivery condition: without collet, pull stud and collet nut included



- hardened and ground
- coolant thru
- corrosion resistant coated

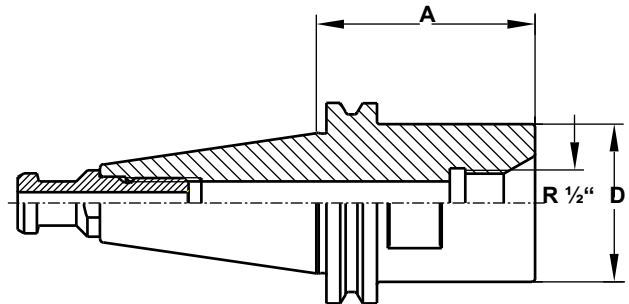
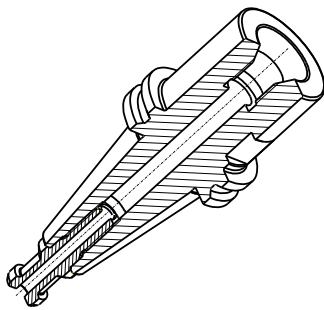


taper size	D	A	L	item number	price
ISO 40	22	82	20	FD.40BA08202220	
	22	82	39	FD.40BA08202239	
	22	82	80	FD.40BA08202280	
	22	25	80	FD.40BA02502280	
	35	82	20	FD.40BA08203520	
	35	82	34	FD.40BA08203534	
	35	82	39	FD.40BA08203539	
	35	25	34	FD.40BA02503534	
	35	25	39	FD.40BA02503539	
	35	25	47	FD.40BA02503547	
	35	25	80	FD.40BA02503580	
	35	82	80	FD.40BA08203580	

special sizes on request

Delivery condition: pull stud and locking kit included

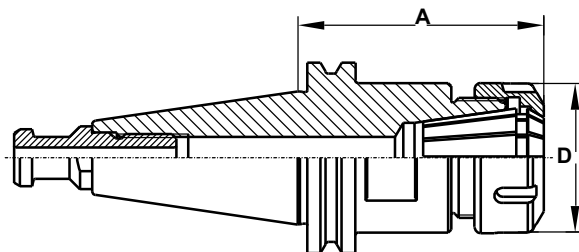
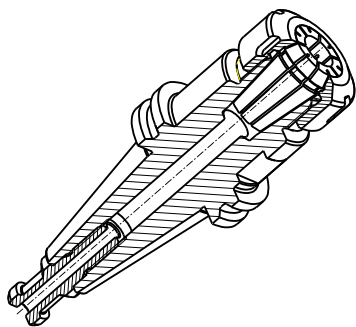
- hardened and ground
- coolant thru
- corrosion resistant coated



taper size	D	A	R	item number	price
ISO 40	45	54	R=1/2"	FD.40BRN054R1/2	

Delivery condition: pull stud included

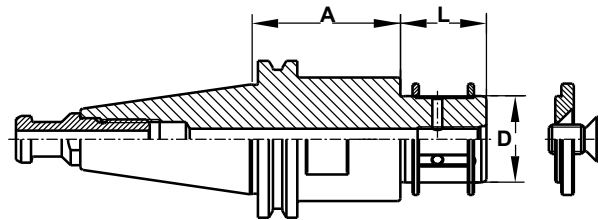
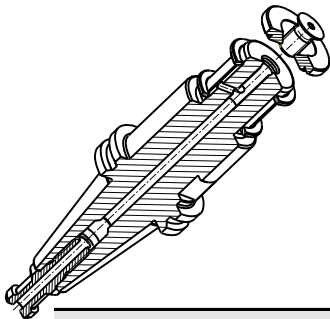
- hardened and ground
- coolant thru
- corrosion resistant coated



taper size	nominal size	clamping range	A	D	item number	price
ISO 40	ER 32	3 - 20	72,5	50	SPZ.40BRN72532ER	
	ER 40	3 - 26	72,5	63	SPZ.40BRN72540ER	

Delivery condition: without collet, pull stud and collet nut included

- hardened and ground
- coolant thru
- corrosion resistant coated

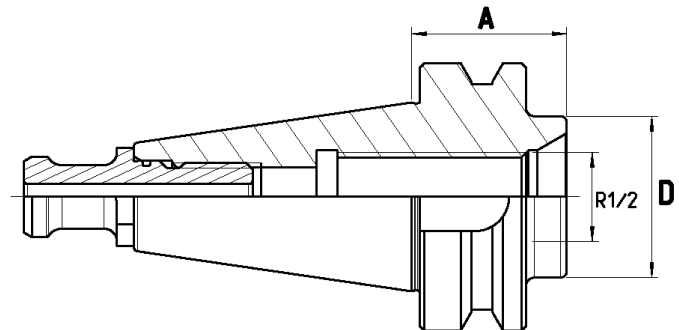
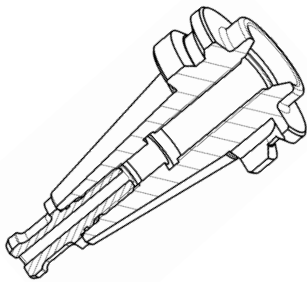


taper size	D	A	L	item number	price
ISO 40	22	69	20	FD.40BRN06902220	
	22	69	39	FD.40BRN06902239	
	22	69	80	FD.40BRN06902280	
	35	69	20	FD.40BRN06903520	
	35	69	34	FD.40BRN06903543	
	35	69	39	FD.40BRN06903539	
	35	69	47	FD.40BRN06903547	
	35	69	80	FD.40BRN06903580	
	45	69	45	FD.40BRN06904545	
	50	69	5	FD.40BRN0690505	

special sizes on request

Delivery condition: pull stud and locking kit included

- hardened and ground
- coolant thru
- corrosion resistant coated

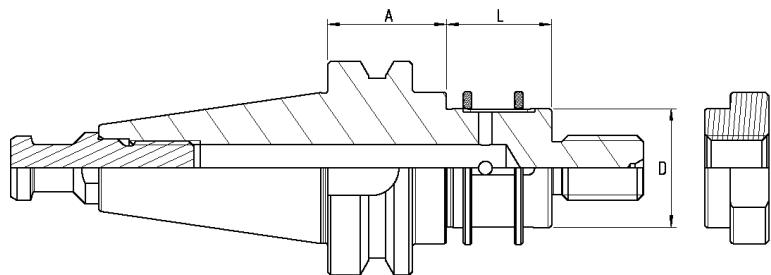
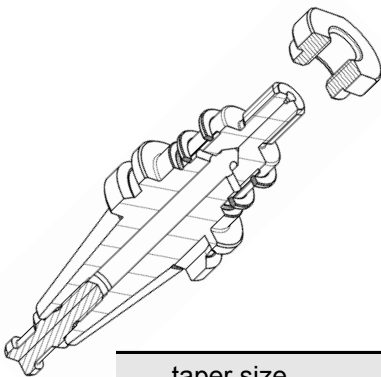


taper size	D	A	R	order number	price
<b>BT 40</b>	<b>38</b>	<b>37</b>	<b>R=1/2"</b>	<b>FD.40BTPA037R1/2</b>	

special sizes on request

Delivery condition: including pull stud

- hardened and ground
- coolant thru
- corrosion resistant coated



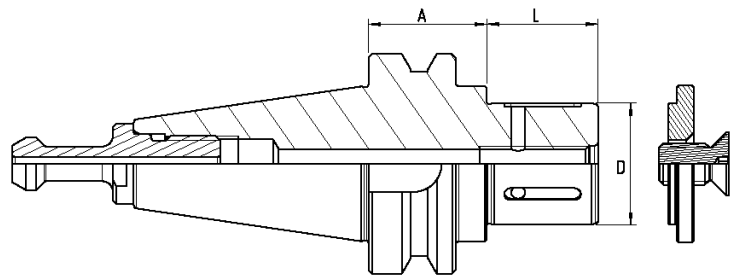
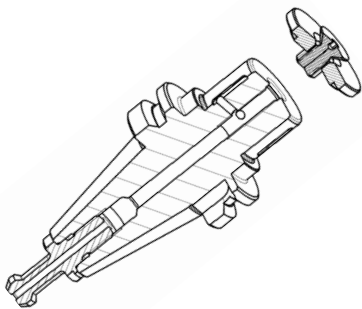
taper size	D	A	L	order number	price
BT 40	35	37	20	FD.40BTPA0373520	*
	35	37	31	FD.40BTPA0373531	
	35	37	39	FD.40BTPA0373539	
	35	37	47	FD.40BTPA0373547	
	35	37	80	FD.40BTPA0373580	*

special sizes on request

\* Special order only!

Delivery condition: including pull stud and locking kit

- hardened and ground
- coolant thru
- corrosion resistant coated

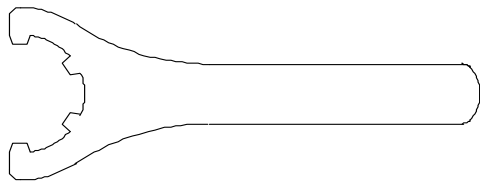


taper size	D	A	L	order number	price
<b>BT 40</b>	<b>35</b>	<b>37</b>	<b>31</b>	<b>FD.40BTPA0373531NL</b>	
	<b>35</b>	<b>37</b>	<b>39</b>	<b>FD.40BTPA0373539NL</b>	
	<b>35</b>	<b>37</b>	<b>47</b>	<b>FD.40BTPA0373547NL</b>	
	<b>35</b>	<b>37</b>	<b>80</b>	<b>FD.40BTPA0373580NL</b>	

special sizes on request

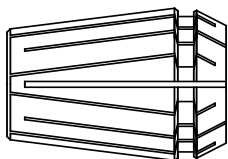
Delivery condition: including pull stud and locking kit

### Spanner wrench for collet nuts DIN6499



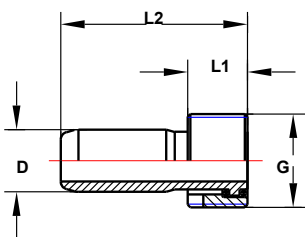
order number	size	price
<b>SCHDIN649932</b>	<b>32</b>	
<b>SCHDIN649940</b>	<b>40</b>	

### ER Collets after DIN 6499 system Regofix



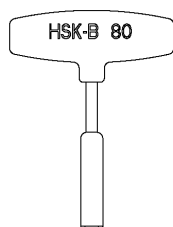
type	range	order number	price
<b>470 E / ER 32</b>	<b>3 - 20 mm</b>	<b>SPAZ32DIN6499 003-020</b>	
<b>472 E / ER 40</b>	<b>4 - 26 mm</b>	<b>SPAZ40DIN6499 004-026</b>	

### Breton coolant pipes for optimally internal coolant supply



HSK-B	order number	D1	L1	L2	G	price
<b>80</b>	<b>KM.HSK63-80</b>	<b>12</b>	<b>11,5</b>	<b>36,0</b>	<b>M18x1</b>	

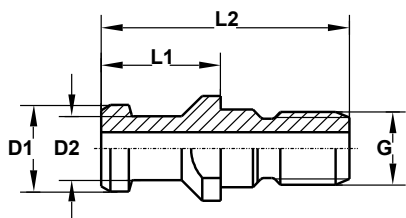
### HSK80B – Breton coolant pipe wrench



order number	size	price
<b>SCHHSK80B Breton</b>	<b>80</b>	

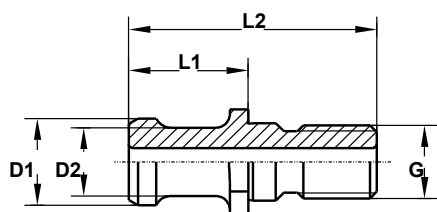


## Pull stud SK40 after DIN 69872-A for Brembana, Bavelloni, Northwood G3, Park G2



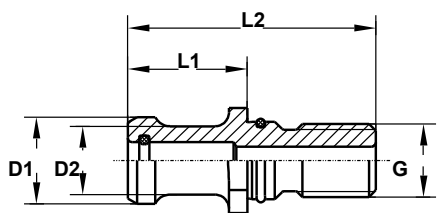
type	order number	G	D1	D2	L1	L2	price
SK 40	BO40DIN69872A	M 16	19	14	26	54	

## Pull stud SK40 Type Intermac, Northwood G2



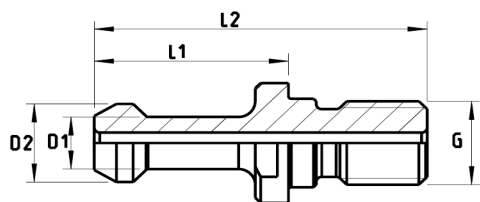
type	order number	G	D1	D2	L1	L2	price
SK 40	BO40IN16	M 16	19	15	26	54	

## Pull stud SK40 Type Bimatech



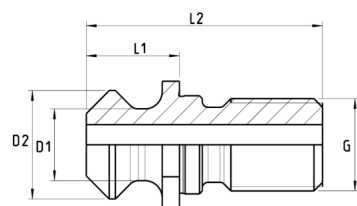
type	order number	G	D1	D2	L1	L2	price
SK 40	BO40BI16	M 16	19	15	26	54	

### Pull stud BT40 Type Park G1 Standard and New Line, Thibaut



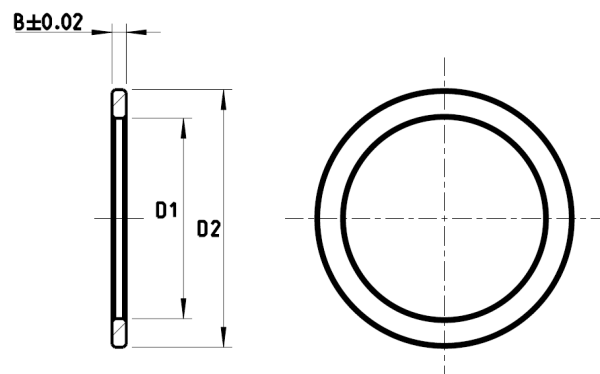
type	order number	G	D1	D2	L1	L2	price
BT 40	BO40BT45ST	M 16	10	15	35	60	

### Pull studs CAT40 Type Northwood G1



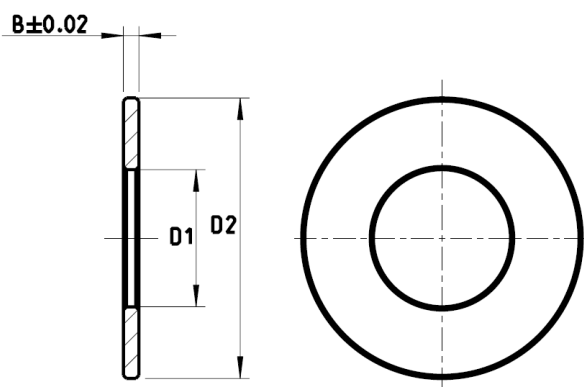
type	order number	G	D1	D2	L1	L2	price
CAT 40	BO40CAT	5/8-11g	12,45	18,8	16,26	38,1	

## Spacer D35



type	order number	D1	D2	B	price
35	ZWR 453515	35	45	1,5	
35	ZWR 453520	35	45	2,0	
35	ZWR 453525	35	45	2,5	
35	ZWR 453530	35	45	3,0	
35	ZWR 453535	35	45	3,5	

## Spacer D22



type	order number	D1	D2	B	price
22	ZWR 453515	22	45	1,5	
22	ZWR 453520	22	45	2,0	
22	ZWR 453525	22	45	2,5	
22	ZWR 453530	22	45	3,0	
22	ZWR 453535	22	45	3,5	

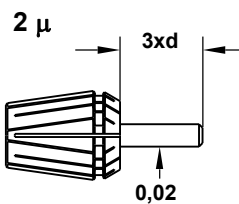
### Technical data

<b>Material Stock</b>	<b>16MnCr5</b>
<b>Case Hardened Depth</b>	<b>0,4 - 0,6 mm</b>
<b>Hardness</b>	<b>57 - 60 HRC</b>
<b>Core strength</b>	<b>900 - 1100 Nm</b>
<b>Corrosion Resistant Coated Thickness</b>	<b>0,010 mm</b>

### Tolerances

<b>Taper</b>	<b>&gt; AT 3 after DIN 7178 part 1</b>
<b>Concentricity:</b>	<b>Taper to Workholding</b>
<b>For tools with external input</b>	<b>4 <math>\mu</math></b>
<b>For tools with internal input</b>	<b>4 <math>\mu</math></b>

**Runout**



**Collet Chucks**



## General terms and conditions

### TERMS & CONDITIONS OF SALE: T-Tool USA LLC

#### Delivery

Shipping dates are approximate and are based upon prompt receipt of all necessary information.

T-Tool USA LLC, "The Company", shall not be liable for delays in delivery or failure to manufacture of delivery (1) due to causes beyond its reasonable control, or (2) due to acts of God, acts of the Purchaser, acts of civil or military authorities, priorities, fires, strikes, floods, epidemics, war, riot, delays in transportation or car shortages, or (3) inability due to causes beyond its reasonable control to obtain necessary labor, materials, components or manufacturing facilities. In the event of any such delay, the date of delivery shall be extended for a period equal to the time lost by reason of the delay.

In all cases, risk or damage to goods in transit shall fall upon the Purchaser, whose responsibility it shall be to file claims with the carrier.

#### Payments

Each shipment shall be considered a separate and independent transaction, and payment therefore shall be made accordingly. If shipments are delayed by the Purchaser, payments shall become due on the date when the Company is prepared to make shipment. If the work to be performed hereunder is delayed by the Purchaser, payments shall be made based on the purchase price and the percentage of completion. Products held for the Purchaser shall be at the risk and expense of the Purchaser if the financial condition of the Purchaser at any time does not, in the judgment of the Company, justify continuance of the work to be performed by the Company hereunder on the terms of the payment as agreed upon, the Company may require full or partial payment in advance or shall be entitled to cancel any order then outstanding and shall receive reimbursement for its reasonable and proper cancellation charges, and in the event of bankruptcy or insolvency of the purchaser or in the event any proceeding is brought against the Purchaser, voluntary or involuntary under the bankruptcy or any insolvency laws, the Company shall be entitled to cancel any order then outstanding at any time during the period allowed for filing claims against the estate and shall receive reimbursement for its reasonable and proper cancellation charges. All invoices are due and payable not later than 30 days from date of invoice unless specific terms have been agreed to or granted. The Company shall reserve the right to charge interest to invoices due past 60 days of invoice date at a rate of prime plus 1%.

Orders under \$250 may be prepaid by either; Mastercard, Visa, or American Express credit cards unless credit has been approved otherwise. Payments by check are to be mailed to: T-Tool USA LLC, P.O. Box 268087, Weston, FL 33326

#### Sales and Similar Taxes

Unless otherwise stated herein, the Company's prices do not include sales, use, excise or similar taxes. Consequently, in addition to the price specified herein, the amount of any present or future sales, use excise or other similar tax applicable to the sale or use of the equipment hereunder shall be paid by the Purchaser, or in lieu thereof the Purchaser shall provide the Company with a tax-exemption certificate acceptable to the taxing authorities.

#### Cancellations and Returns

The Purchaser may cancel his order only upon written notice and upon payment to the Company of the reasonable and proper cancellation charges. No returns will be accepted after 30 days from the date of receipt of goods.

Cancellation charges are 15% of the order value on standard products. No cancellation will be accepted on special orders; these would include tooling that has been laser marked with purchaser's company name or logo. Returns are to be shipped back prepaid only.

#### Limitation of Liability

The Company's liability on any claim of any kind, including negligence, for any loss or damage arising out of, connected with, or resulting from this contract, or from the performance of or breach therefore, or from the manufacture, sale, delivery, resale, repair or use of any product covered by or furnished under this contract shall in no case exceed the price allocable to the product covered by or furnished under this contract nor exceed the price allocable to the product or part thereof which gives rise to the claim. In no event shall the Company be liable for special or consequential damages.

#### Security Title

Title and right of possession of the products sold hereunder shall remain with the Company and such products shall remain personal property until all payments hereunder (including deferred payments whether evidenced by notes or otherwise) shall have been made in full in each, and the Purchaser agrees to do all acts necessary to perfect and maintain such right and title in the Company.

#### General

The Company will comply with all applicable Federal, State and local laws, and specifically represents that any goods to be delivered hereunder will be produced in compliance with the requirements of the Fair Labor Standards Act of 1938, as amended.

The product sold hereunder was not designed or manufactured for use in or with any atomic installation or activity. If so used, the Company disclaims all responsibility of every kind, including negligence, and in addition the Purchaser shall indemnify and hold the Company harmless for any liability or damage whatsoever arising out of the use of the product in such a manner.

#### Pricing / Delivery

Pricing and availability are subject to change without notice. All orders will be furnished at prices in effect at the time of order.

#### Delivery Terms

All prices/shipping are F.O.B. Weston, Florida 33327 including any handling or packing charges if applicable.