

# **(BIG)-SHEPPARD**

## **PRICE LIST**

NO. 0802-ST1  
EFFECTIVE AUGUST 1, 2002

**OUTSTANDING INVENTORY SALE \* ONLY WHILE SUPPLIES LAST  
NEW LOWER PRICES ON STANDARD CV & BT TOOLHOLDERS**

\*\*\*\*\*

**RARE OPPORTUNITY TO BUY HIGHEST QUALITY  
TOOLHOLDERS AT INCREDIBLY LOW PRICES**

END MILL ADAPTER



SHELL MILL ADAPTER



JACOBS TAPER ADAPTER



MORSE TAPER ADAPTER



### **LAST CHANCE \*\*\* ACT QUICKLY**

**THESE HIGH QUALITY TOOLHOLDERS WILL  
NEVER AGAIN BE AVAILABLE AT SUCH LOW PRICES**

STUB ARBOR



AUTOMOTIVE ADAPTER



STANDARD COLLET CHUCK



AUTO TAPPER, TYPE "E"



#### ACCURACY

The taper shanks maintain an incredible average of 90% surface contact which provides the high accuracy and rigidity required for high performance machining.

#### SURFACE FINISH

The superior surface finish of taper shanks at 3 microns (.00012") will never damage the spindle taper of the machine tool and will provide a longer life for the cutting tool.

#### RIGIDITY AND LONG LIFE

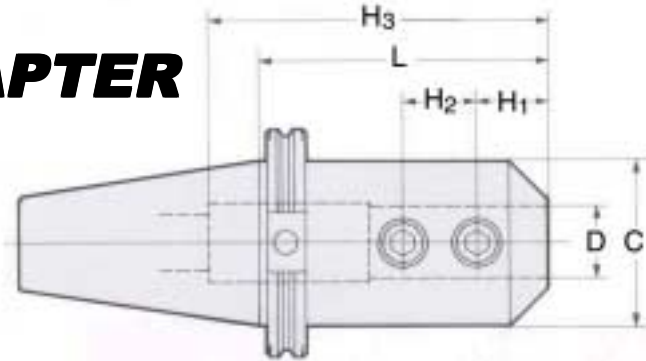
These qualities are continually maintained through the use of high alloy materials (Chrome, Molybdenum, Manganese) with a hardness of RC60 to prevent distortion.

# **STANLEY SHEPPARD COMPANY, INC.**

758 FOUR ROD RD. • P.O. BOX 280 • BERLIN, CT 06037 U.S.A.  
TEL: 860-828-8900 • FAX: 860-828-8684 • [www.stanleysheppard.com](http://www.stanleysheppard.com)

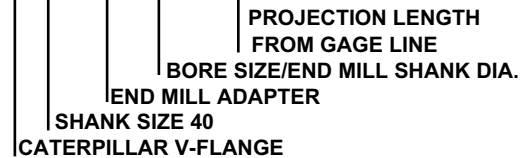
# BIG-SHEPPARD

## END MILL ADAPTER



1. Superior class accuracy of H6 bore tolerance.
2. Runout at nose is within .0005" and at 4" distance from the nose it is within .0006".

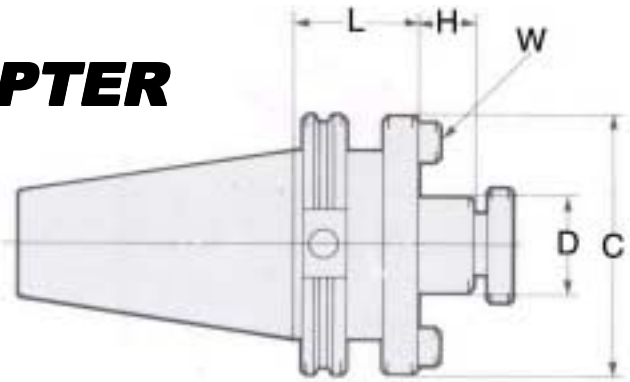
CV 40 - EM .375 - 4.000



EDP#	MODEL	D	L	C	H1	H2	H3	PRICE
<b>CV TAPERS</b>								
#14005	CV40-EM .875-4.000	.875	4.000	2.12	1.00	.81	4.19	\$ 60.00
#14006	CV40-EM1.000-4.000	1.000	4.000	2.25	1.12	1.00	4.44	60.00
#14021	CV45-EM .625-4.000	.625	4.000	1.62	.94	-	3.50	64.00
#14024	CV45-EM .750-4.000	.750	4.000	1.75	1.00	-	3.88	64.00
#14027	CV45-EM .875-4.000	.875	4.000	2.12	1.00	.81	4.19	65.00
#14030	CV45-EM1.000-4.000	1.000	4.000	2.25	1.12	1.00	4.44	65.00
#14033	CV45-EM1.250-4.000	1.250	4.000	2.75	1.12	1.00	3.12	66.00
#14036	CV45-EM1.500-4.000	1.500	4.000	2.75	1.12	1.00	3.12	93.00
#14050	CV50-EM .375-4.000	.375	4.000	1.12	.75	-	2.56	69.00
#14062	CV50-EM .875-4.000	.875	4.000	2.12	1.00	.81	4.19	69.00
#14063	CV50-EM .875-6.000	.875	6.000	2.12	1.00	.81	4.19	102.00
#14064	CV50-EM .875-8.000	.875	8.000	2.12	1.00	.81	4.19	117.00
<b>BT TAPERS</b>								
#11013	BT35-EM .312-2.500	.312	2.500	.88	.63	-	1.18	\$ 56.00
#11018	BT35-EM .875-3.500	.875	3.500	2.12	1.00	.81	3.21	57.00
#11023	BT40-EM .625-4.000	.625	4.000	1.62	.94	-	3.50	59.00
#11031	BT45-EM .375-4.000	.375	4.000	1.12	.75	-	2.56	64.00
#11034	BT45-EM .500-4.000	.500	4.000	1.38	.88	-	3.00	64.00
#11037	BT45-EM .625-4.000	.625	4.000	1.62	.94	-	3.50	64.00
#11038	BT45-EM .625-6.000	.625	6.000	1.62	.94	-	3.50	89.00
#11040	BT45-EM .750-4.000	.750	4.000	1.75	1.00	-	3.88	64.00
#11041	BT45-EM .750-6.000	.750	6.000	1.75	1.00	-	3.88	89.00
#11043	BT45-EM .875-4.000	.875	4.000	2.12	1.00	.81	4.19	65.00
#11047	BT45-EM1.000-6.000	1.000	6.000	2.25	1.12	1.00	4.44	93.00
#11049	BT45-EM1.250-4.000	1.250	4.000	2.75	1.12	1.00	3.12	66.00
#11052	BT45-EM1.500-4.000	1.500	4.000	2.75	1.12	1.00	3.12	93.00
#11071	BT50-EM .375-4.000	.375	4.000	1.12	.75	-	2.56	69.00
#11072	BT50-EM .375-6.000	.375	6.000	1.12	.75	-	2.56	102.00
#11074	BT50-EM .500-4.000	.500	4.000	1.38	.88	-	3.00	69.00
#11075	BT50-EM .500-6.000	.500	6.000	1.38	.88	-	3.00	102.00
#11081	BT50-EM .750-6.000	.750	6.000	1.75	1.00	-	3.88	102.00
#11083	BT50-EM .875-4.000	.875	4.000	2.12	1.00	.81	4.19	69.00
#11087	BT50-EM1.000-6.000	1.000	6.000	2.25	1.12	1.00	4.44	102.00

# BIG-SHEPPARD

## SHELL MILL ADAPTER

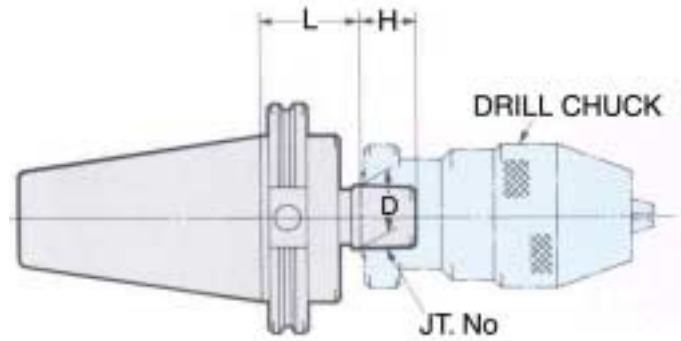


CV 40 - SM .500 - 2.000  
 PROJECTION LENGTH FROM GAGE LINE  
 BORE DIA. OF CUTTER  
 SHELL MILL ADAPTER  
 SHANK TAPER 40  
 CATERPILLAR V-FLANGE

EDP #	MODEL	D	L	C	H	W(KEY)	PRICE
<b>CV TAPERS</b>							
#14100	CV40-SM .500-2.000	.500	2.000	1.44	.56	.250	\$ 74.00
#14112	CV45-SM .500-2.000	.500	2.000	1.44	.56	.250	89.00
#14115	CV45-SM .750-2.000	.750	2.000	1.69	.69	.312	89.00
#14118	CV45-SM1.000-2.000	1.000	2.000	2.19	.69	.375	89.00
#14121	CV45-SM1.250-2.000	1.250	2.000	2.75	.69	.500	89.00
#14124	CV45-SM1.500-2.000	1.500	2.000	3.62	.94	.625	89.00
#14127	CV45-SM2.000-2.000	2.000	2.000	4.50	.94	.750	117.00
#14147	CV50-SM .500-2.000	.500	2.000	1.44	.56	.250	96.00
#14148	CV50-SM .500-4.000	.500	4.000	1.44	.56	.250	104.00
#14153	CV50-SM1.000-2.000	1.000	2.000	2.19	.69	.375	96.00
#14154	CV50-SM1.000-4.000	1.000	4.000	2.19	.69	.375	104.00
#14158	CV50-SM1.250-6.000	1.250	6.000	2.75	.69	.500	116.00
#14160	CV50-SM1.500-4.000	1.500	4.000	3.62	.94	.625	107.00
#14162	CV50-SM2.000-2.000	2.000	2.000	4.50	.94	.750	119.00
#14165	CV50-SM2.500-2.500	2.500	2.500	4.88	1.12	1.000	131.00
<b>BT TAPERS</b>							
#11112	BT35-SM .750-1.500	.750	1.500	1.69	.69	.312	\$ 69.00
#11113	BT35-SM1.000-1.500	1.000	1.500	2.19	.69	.375	69.00
#11141	BT45-SM1.000-2.000	1.000	2.000	2.19	.69	.375	89.00
#11144	BT45-SM1.250-2.000	1.250	2.000	2.75	.69	.500	89.00
#11147	BT45-SM1.500-2.000	1.500	2.000	3.62	.94	.625	89.00
#11176	BT50-SM1.000-2.000	1.000	2.000	2.19	.69	.375	96.00
#11179	BT50-SM1.250-2.000	1.250	2.000	2.75	.69	.500	96.00
#11182	BT50-SM1.500-2.000	1.500	2.000	3.62	.94	.625	100.00
#11185	BT50-SM2.000-2.000	2.000	2.000	4.50	.94	.750	119.00

# **BIG-SHEPPARD**

## **JACOBS TAPER ADAPTER**

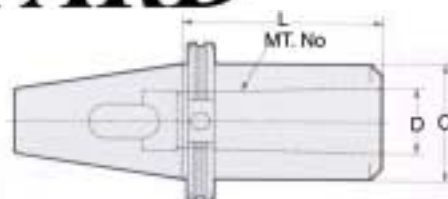


**CV 40 - JT1 - 1.500**  
 PROJECTION LENGTH  
 FROM GAGE LINE  
 JACOBS TAPER NO. 1  
 SHANK SIZE 40  
 CATERPILLAR V-FLANGE

<u>EDP #</u>	<u>MODEL</u>	<u>JT No.</u>	<u>D</u>	<u>L</u>	<u>H</u>	<u>PRICE</u>
<b>CV TAPERS</b>						
#14301	CV40-JT 1-1.500	1	.384	1.500	.59	\$ 60.00
#14302	CV40-JT 2-1.500	2	.559	1.500	.79	60.00
#14304	CV40-JT 4-1.500	4	1.124	1.500	1.50	60.00
#14305	CV40-JT 6-1.500	6	.676	1.500	.94	60.00
#14317	CV45-JT 3-1.500	3	.811	1.500	1.10	69.00
#14319	CV45-JT 6-1.500	6	.676	1.500	.94	69.00
#14320	CV45-JT33-1.500	33	.624	1.500	.94	69.00
#14351	CV50-JT 2-1.500	2	.559	1.500	.79	79.00
#14352	CV50-JT 3-1.500	3	.811	1.500	1.10	79.00
#14355	CV50-JT33-1.500	33	.624	1.500	.94	79.00
<b>BT TAPERS</b>						
#11413	BT35-JT 3-1.500	3	.811	1.500	1.10	\$ 58.00
#11414	BT35-JT 4-1.500	4	1.124	1.500	1.50	58.00
#11415	BT35-JT 6-1.500	6	.676	1.500	.94	58.00
#11416	BT35-JT33-1.500	33	.624	1.500	.94	58.00
#11434	BT40-JT 4-1.500	4	1.124	1.500	1.50	60.00
#11435	BT40-JT 6-1.500	6	.676	1.500	.94	60.00
#11443	BT45-JT 3-1.500	3	.811	1.500	1.10	69.00
#11444	BT45-JT 4-1.500	4	1.124	1.500	1.50	69.00
#11445	BT45-JT 6-1.750	6	.676	1.500	.94	69.00
#11463	BT50-JT 3-1.750	3	.811	1.500	1.10	79.00
#11464	BT50-JT 4-1.750	4	1.124	1.500	1.50	79.00
#11465	BT50-JT 6-1.750	6	.676	1.500	.94	79.00

# BIG-SHEPPARD

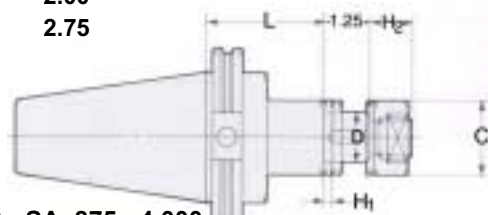
## MORSE TAPER ADAPTER



CV 40 - MT2 - 1.750  
 PROJECTION LENGTH FROM GAGE LINE  
 MORSE TAPER NO. 2  
 SHANK TAPER 40  
 CATERPILLAR V-FLANGE

EDP #	MODEL	MT.No.	D	L	C	PRICE
<b>CV TAPERS</b>						
#14201	CV40-MT2-1.750	2	.701	1.750	1.25	\$ 60.00
#14215	CV45-MT2-1.750	2	.701	1.750	1.25	65.00
#14216	CV45-MT2-2.500	2	.701	2.500	1.25	67.00
#14219	CV45-MT5-4.500	5	1.748	4.500	2.75	96.00
<b>BT TAPERS</b>						
#11212	BT35-MT2-2.250	2	.701	2.250	1.25	\$ 57.00
#11213	BT35-MT3-3.000	3	.938	3.000	1.62	58.00
#11222	BT40-MT3-2.500	3	.938	2.500	1.62	61.00
#11223	BT40-MT4-3.500	4	1.231	3.500	2.00	62.00
#11231	BT45-MT2-2.000	2	.701	2.000	1.25	67.00
#11232	BT45-MT3-2.500	3	.938	2.500	1.62	67.00
#11233	BT45-MT4-3.500	4	1.231	3.500	2.00	69.00
#11234	BT45-MT5-4.500	5	1.748	4.500	2.75	96.00
#11242	BT50-MT3-2.500	3	.938	2.500	1.62	74.00
#11243	BT50-MT4-3.500	4	1.231	3.500	2.00	76.00
#11244	BT50-MT5-4.500	5	1.748	4.500	2.75	99.00

## STUB ARBOR



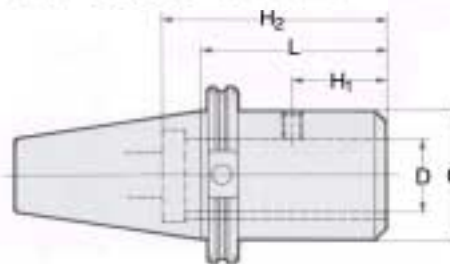
CV 40 - SA .875 - 4.000  
 PROJECTION LENGTH  
 CUTTER BORE SIZE  
 STUB ARBOR  
 SHANK SIZE 40  
 CATERPILLAR V-FLANGE

Note: Arbor spaces are not furnished

EDP #	MODEL	D	L	C	H1	H2	PRICE
<b>CV TAPERS</b>							
#14472	CV40-SA1.250-4.000	1.250	4.000	1.88	1.25	.75	\$ 137.00
#14481	CV45-SA1.000-4.000	1.000	4.000	1.56	1.00	.38	143.00
#14482	CV45-SA1.250-4.000	1.250	4.000	1.88	1.25	.75	143.00
<b>BT TAPERS</b>							
#11515	BT35-SA1.000-4.000	1.000	4.000	1.56	.75	1.00	\$ 130.00
#11532	BT40-SA1.000-4.000	1.000	4.000	1.56	.38	1.00	137.00
#11533	BT40-SA1.250-4.000	1.250	4.000	1.88	.75	1.25	137.00
#11542	BT45-SA1.000-4.000	1.000	4.000	1.56	.38	1.00	143.00
#11543	BT45-SA1.250-4.000	1.250	4.000	1.88	.75	1.25	143.00
#11553	BT50-SA1.000-4.000	1.000	4.000	1.56	.75	1.00	160.00
#11556	BT50-SA1.250-6.000	1.250	6.000	1.88	.75	1.25	177.00

# BIG-SHEPPARD

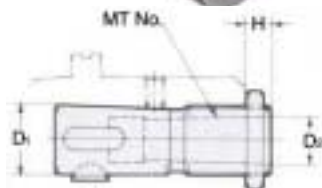
## AUTOMOTIVE ADAPTER



CV 40 - AM 1.062 - 2.750  
 PROJECTION LENGTH FROM GAGE LINE  
 BORE SIZE  
 AUTOMOTIVE ADAPTER  
 SHANK SIZE 40  
 CATERPILLAR V-FLANGE

EDP #	MODEL	D	L	C	H1	H2	PRICE
#14451	CV50-AM1.375-2.750	1.375	2.750	2.75	2.06	4.00	\$ 101.00

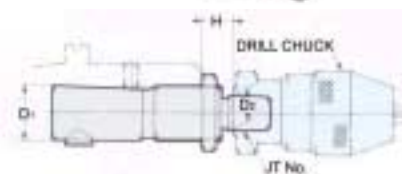
### MORSE TAPER ADAPTER TYPE "AA"



AA 1.062 - MT1  
 MORSE TAPER NO. 1  
 D1: SHANK DIAMETER  
 ACCESSORIES FOR AUTO ADAPTER

EDP #	MODEL	D
#14402	AA1.062-MT1	1.062
#14403	AA1.062-MT2	1.062
#14452	AA1.375-MT1	1.375
#14453	AA1.375-MT2	1.375
#14454	AA1.375-MT3	1.375

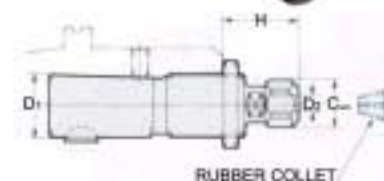
### JACOBS TAPER ADAPTER TYPE "AA"



AA 1.062 - JT1  
 JACOBS TAPER NO. 1  
 D1: SHANK DIAMETER  
 ACCESSORIES FOR AUTO ADAPTER

MT. No.	D2	H
1	.475	.56-1.63
2	.701	.56-1.63
1	.475	.56-1.88
2	.701	.56-1.88
3	.938	.56-1.88

### RUBBER CHUCK TYPE "AA"



AA 1.062 - DR1  
 RUBBER CHUCK NO. 1  
 D1: SHANK DIAMETER  
 ACCESSORIES FOR AUTO ADAPTER

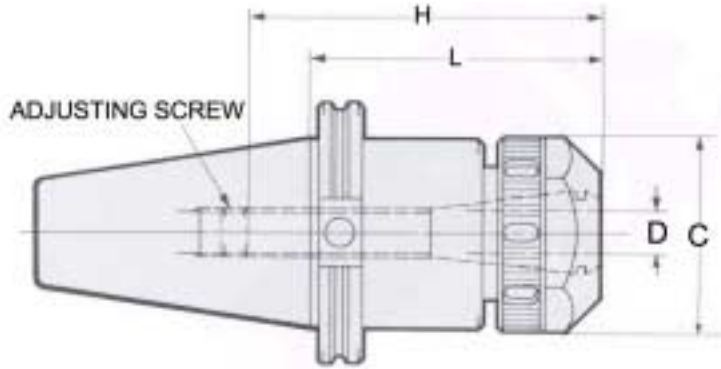
EDP #	MODEL	D	PRICE
#14404	AA1.062-DR1	1.062	\$ 26.00
#14405	AA1.062-DR2	1.062	26.00
#14406	AA1.062-DR3	1.062	29.00
#14455	AA1.375-DR1	1.375	29.00
#14456	AA1.375-DR2	1.375	29.00
#14457	AA1.375-DR3	1.375	29.00

EDP #	MODEL	D1	D2	C(Hex)	H	PRICE
#14404	AA1.062-DR1	1.062	.098-.256	.87	2.00-3.06	\$ 45.00
#14405	AA1.062-DR2	1.062	.177-.394	1.06	2.00-3.06	49.00
#14406	AA1.062-DR3	1.062	.236-.610	1.42	2.00-3.06	54.00
#14455	AA1.375-DR1	1.375	.098-.256	.87	2.00-3.31	50.00
#14456	AA1.375-DR2	1.375	.177-.394	1.06	2.00-3.31	54.00
#14457	AA1.375-DR3	1.375	.236-.610	1.42	2.00-3.31	58.00

EDP #	MODEL	D1	JT. No.	D2	H	PRICE
#14409	AA1.062-JT 3	1.062	3	.811	.68-1.75	\$ 25.00
#14411	AA1.062-JT 6	1.062	6	.676	.68-1.75	25.00
#14412	AA1.062-JT33	1.062	33	.624	.68-1.75	25.00
#14460	AA1.375-JT 3	1.375	3	.811	.68-2.00	27.00
#14462	AA1.375-JT 6	1.375	6	.676	.68-2.00	27.00
#14463	AA1.375-JT33	1.375	33	.624	.68-2.00	27.00

# **BIG-SHEPPARD**

## **STANDARD COLLET CHUCK**



**CV 40 - CC 1.000 - 3.000**

PROJECTION LENGTH  
FROM GAGE LINE

BORE SIZE

COLLET CHUCK

SHANK SIZE 40

CATERPILLAR V-FLANGE

Note: Clamping wrench is not included.

**BIG-SHEPPARD** Collet Chuck is designed with a shallow tapered bore to provide powerful gripping force. Higher torque loads can be applied to tooling based on the ability of collet to grip tooling with extreme pressure.

Precision is maintained to .0005" T.I.R. or less at the nose. All tapers are precision ground to match collets and machine spindles within very close tolerance.

The adjusting screw supplies a means for simple tool presetting and tool support.

Selected alloy materials and tight quality control creates excellent durability characteristics.

Collets are interchangeable with many popular single angle designs, sizes 100 and 150.

<u>EDP #</u>	<u>MODEL</u>	<u>D</u>	<u>L</u>	<u>C</u>	<u>H</u>	<u>PRICE</u>
<b>CV TAPERS</b>						
#15217	CV45-CC1.500-4.000	.500-1.500	4.000	3.46	3.25-4.50	\$ 114.00
<b>BT TAPERS</b>						
#11712	BT35-CC1.000-5.000	.093-1.000	5.000	2.52	2.68-5.29	\$ 77.00
#11735	BT45-CC1.500-4.000	.500-1.500	4.000	3.46	3.43-4.37	114.00
#11746	BT50-CC1.500-4.000	.500-1.500	4.000	3.46	3.43-4.88	132.00

# BIG-SHEPPARD

## AUTO TAPPER TYPE "E"



### Accuracy

Accurate tap clamping prevents runout.

### Torque Setting

Collet tapping torque is easily and reliably adjusted by outer location of torque clutch adjusting screws.

### Quick Change

Taps are easy to change by means of Quick Change System for tap collets.

### Tap Float

Tension & Compression stroke is provided through the use of steel balls to prevent breakage of small taps.

### Compact Design

Suitable for all CNC machining centers.

### Safety

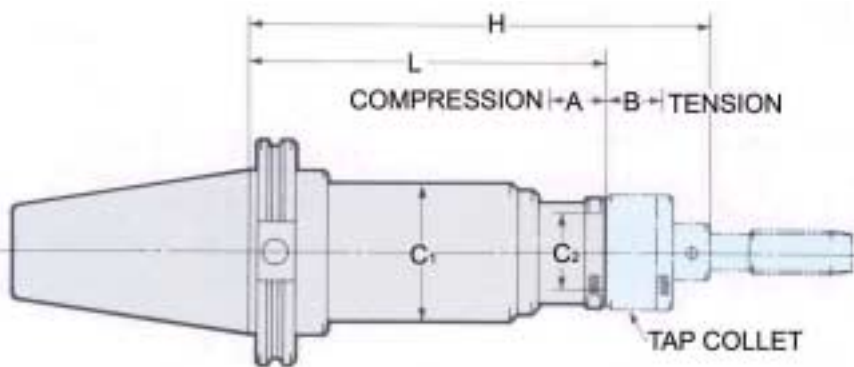
Tapping is performed with torque properly set and features safety clutch to prevent tap breakage in case of over torque. Torque is preset at factory.

### Two Way Torque Setting

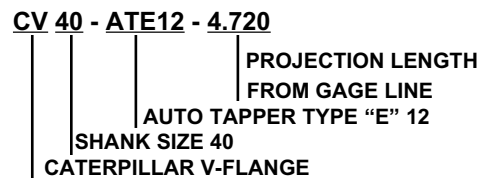
Stronger torque limit on reversing direction prevents tap from being left in tapped hole.

### Rigid Clamping

Tap is driven from tap square but is clamped separately on shank diameter by set screws.



UTILIZES BILZ STYLE TAP COLLETS



EDP #	MODEL	L	H	C1	C2	A	B	PRICE
<b>CV TAPERS</b>								
#14602	CV40-ATE24-5.910	5.910	7.67	2.52	1.22	.59	.78	\$ 188.00
#14615	CV45-ATE12-4.520	4.520	6.09	1.81	.75	.59	.78	176.00
#14616	CV45-ATE24-5.510	5.510	7.67	2.52	1.22	.59	.78	203.00
<b>BT TAPERS</b>								
#11812	BT35-ATE24-6.100	6.100	7.67	2.52	1.22	.59	.78	\$ 178.00
#11822	BT40-ATE24-5.510	5.510	7.67	2.52	1.22	.59	.78	188.00
#11831	BT45-ATE12-4.920	4.920	6.09	1.81	.75	.59	.78	176.00
#11832	BT45-ATE24-5.510	5.510	7.67	2.52	1.22	.59	.78	203.00
#11841	BT50-ATE12-4.920	4.920	6.09	1.81	.75	.59	.78	184.00
#11842	BT50-ATE24-5.510	5.510	7.67	2.52	1.22	.59	.78	211.00
#11843	BT50-ATE36-7.480	7.480	10.04	3.80	1.89	.78	.78	280.00