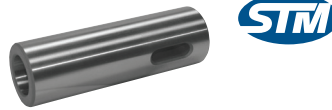


Solid Sockets

Hardened and ground throughout.



Socket No.	Overall Length (in.)	Morse Taper Hole	Outside Dia. (in.)	Code No.	Price \$
1	3-1/2	1	1	420805	114.79
2	3-1/2	1	1-1/4	420810	103.98
3	3-1/2	1	1-1/2	420815	134.89
4	4	2	1	420820	159.71
5	4	2	1-1/4	420825	159.71
6	4	2	1-1/2	420830	159.71
7	4	2	1-3/4	420835	134.13
8	4	2	2	420840	177.72
9	4-3/4	3	1-1/4	420845	172.19
10	4-3/4	3	1-1/2	420850	172.19
11	4-3/4	3	1-3/4	420855	172.19
12	4-3/4	3	2	420860	197.13
13	6	4	1-1/2	420865	214.60
14	6	4	1-3/4	420870	214.60
15	6	4	2	420875	244.55
18	10-1/8	6	3-1/4	420890	570.02
19	10-1/8	6	3-1/2	420895	658.78

Annular Cutter Holders

Straight Shank

R8 Shank

Morse Taper Shank

- Holder shank allows different machines to drive cutter
- Select adapter lengths reduce the number of machine set ups

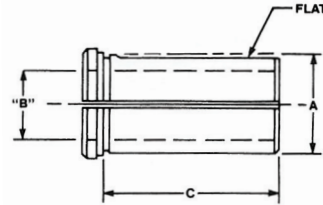


See page D6 for Annular Cutters

Model No.	Shank	Cutter Shank Size	Gauge Length	Code No.	Price \$
Straight Shank - 3 Flats					
HEN-1	1/2	3/4	2-1/8	425435	212.10
HEN-2	3/4	3/4	2	425436	212.10
HEN-2-6	3/4	3/4	6	425437	227.28
HEN-2-12	3/4	3/4	12	425438	259.52
HEN-6-6	3/4	1-1/4	6	425440	260.77
HEN-6-12	3/4	1-1/4	12	425441	229.58
Straight Shank - 2 Flats					
HEN-9-6	3/4	3/4	6	425442	264.74
Morse Taper Shank					
HEN-3	MT2	3/4	2	425444	255.88
HEN-3-6	MT2	3/4	6	425445	284.47
HEN-3-12	MT2	3/4	12	425446	257.03
HEN-4	MT3	3/4	2	425447	281.98
HEN-4-6	MT3	3/4	6	425448	321.91
HEN-4-12	MT3	3/4	12	425449	404.26
HEN-8	MT3	1-1/4	2-3/4	425450	321.91
HEN-8-6	MT3	1-1/4	6	425451	376.85
R8 Shank					
HEN-5	R8	3/4	1-3/4	425453	260.47
HEN-7-6	R8	1-1/4	6	425457	345.36
HEN-7-12	R8	1-1/4	12	425458	458.17

Type B CNC Toolholder Bushings

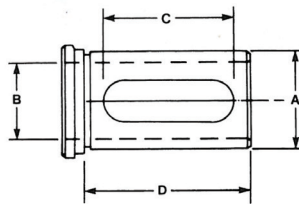
- Split style
- Shorter length
- Clamp on flat
- Bushing collapses to hold tool
- Used for drills, boring bars, and other tools



Bushing Type	Dia. (A)	Bore (B)	Length Under Head (C)	Code No.	Price \$
B	1-1/2"	1/2"	2-1/2"	470510	75.64
B	1-1/2"	5/8"	2-1/2"	470511	75.64
B	1-1/2"	3/4"	2-1/2"	470512	75.64
B	1-1/2"	1"	2-1/2"	470513	75.64
B	1-1/2"	1-1/4"	2-1/2"	470514	75.64
B	2"	5/8"	3-1/2"	470515	122.73
B	2"	3/4"	3-1/2"	470516	122.73
B	2"	1"	3-1/2"	470517	122.73
B	2"	1-1/4"	3-1/2"	470518	122.73
B	2"	1-1/2"	3-1/2"	470519	122.73
B	2"	1-3/4"	3-1/2"	470520	122.73

Type C CNC Toolholder Bushings

- Designed for use on all CNC Turning Machines
- Elongated slot
- For use with drills, boring bars, reamers, etc.
- Precision ground throughout



Bushing Type	Dia. (A)	Bore (B)	Length of Slot (C)	Length Under Head (D)	Code No.	Price \$
C	1-1/2"	1/2"	3"	3-3/8"	470500	82.13
C	1-1/2"	5/8"	3"	3-3/8"	470501	82.13
C	1-1/2"	3/4"	3"	3-3/8"	470502	82.13
C	1-1/2"	1"	3"	3-3/8"	470503	82.13
C	1-1/2"	1-1/4"	3"	3-3/8"	470504	82.13
C	2"	3/4"	3-5/8"	4"	470505	125.04
C	2"	1"	3-5/8"	4"	470506	125.04
C	2"	1-1/4"	3-5/8"	4"	470507	125.04
C	2"	1-1/2"	3-5/8"	4"	470508	125.04
C	2"	1-3/4"	3-5/8"	4"	470509	125.04