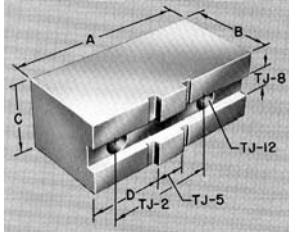


Number one in workholding, and in top jaws.

NOTE: You can machine and form Cushman top jaws for use on all chucks with American Standard, tongue and groove jaw design.

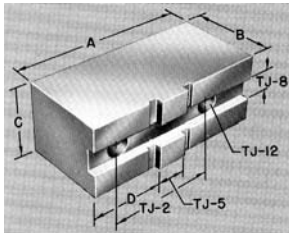
Soft Blank Top Jaws

American Standard Tongue and Groove Medium Duty - Rectangular



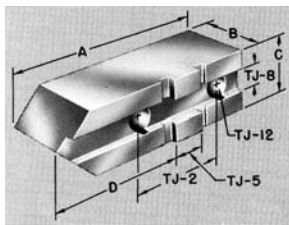
| Chuck Size | Order by Jaw Model Number | STANDARD HEIGHT | | | | | | | | EXTRA HIGH | | Standard Height Price | Extra High Height Price |
|------------|---------------------------|-----------------|-------|-------|---------|---------------------|-----------|-----------|-------|---------------------------|--------|-----------------------|-------------------------|
| | | DIMENSIONS | | | | CRITICAL DIMENSIONS | | | | Order by Jaw Model Number | Dim. B | | |
| | | A | B | C | D | TJ-2 | TJ-5 | TJ-8 | TJ-12 | | | | |
| 6 | 0520144700 | 2-5/8 | 1-5/8 | 1-1/4 | 1-1/8 | 1-1/2 | .499-.498 | .315-.313 | 3/8 | 0520147100 | 3-3/8 | 20.00 | 45.00 |
| 8 | 0520145000 | 3-1/2 | 1-5/8 | 1-1/4 | 1-5/8 | 1-3/4 | .499-.498 | .315-.313 | 3/8 | 0520147400 | 3-3/8 | 25.00 | 50.00 |
| 10 | 0520145200 | 4-1/4 | 1-7/8 | 1-1/2 | 1-15/16 | 2-1/8 | .749-.748 | .503-.501 | 1/2 | 0520147600 | 3-3/8 | 25.00 | 60.00 |
| 12 | 0520145400 | 4-7/8 | 2-3/8 | 1-3/4 | 2-5/16 | 2-1/2 | .749-.748 | .503-.501 | 1/2 | 0520147800 | 3-7/8 | 32.00 | 60.00 |
| 15 | 0520145600 | 5-5/8 | 2-1/4 | 2 | 2-3/4 | 3 | .749-.748 | .503-.501 | 5/8 | 0520148000 | 3-3/4 | 40.00 | 65.00 |
| 18-21 | 0520145700 | 5-5/8 | 2-1/4 | 2 | 2-3/4 | 3 | .749-.748 | .503-.501 | 3/4 | 0520148100 | 3-3/4 | 42.50 | 90.00 |
| 24-36 | 0520145800 | 5-5/8 | 3-1/4 | 2-1/2 | 2-3/4 | 3 | .749-.748 | .503-.501 | 3/4 | 0520148200 | 4-3/4 | 50.00 | 95.00 |

American Standard Tongue and Groove Heavy Duty - Rectangular



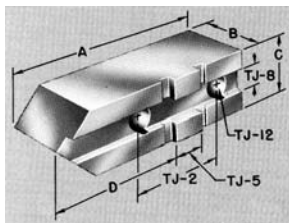
| Chuck Size | Order by Jaw Model Number | STANDARD HEIGHT | | | | | | | | EXTRA HIGH | | Standard Height Price | Extra High Height Price |
|------------|---------------------------|-----------------|-------|-------|---------|---------------------|-----------|-----------|-------|---------------------------|--------|-----------------------|-------------------------|
| | | DIMENSIONS | | | | CRITICAL DIMENSIONS | | | | Order by Jaw Model Number | Dim. B | | |
| | | A | B | C | D | TJ-2 | TJ-5 | TJ-8 | TJ-12 | | | | |
| 6 | 0520144800 | 2-5/8 | 1-5/8 | 1-1/4 | 1-1/8 | 1-1/2 | .499-.498 | .315-.313 | 7/16 | - | - | 25.00 | - |
| 8 | 0520145100 | 3-1/2 | 1-7/8 | 1-1/2 | 1-5/8 | 1-3/4 | .499-.498 | .315-.313 | 1/2 | 0520147500 | 3-3/8 | 35.00 | 45.00 |
| 10 | 0520145300 | 4-1/4 | 2-3/8 | 1-3/4 | 1-15/16 | 2-1/8 | .749-.748 | .503-.501 | 5/8 | 0520147700 | 3-7/8 | 35.00 | 45.00 |
| 12 | 0520145500 | 4-7/8 | 2-3/8 | 2 | 2-5/16 | 2-1/2 | .749-.748 | .503-.501 | 5/8 | 0520147900 | 3-7/8 | 40.00 | 60.00 |
| 15-36 | 0520145700 | 5-5/8 | 2-1/4 | 2 | 2-3/4 | 3 | .749-.748 | .503-.501 | 3/4 | 0520148100 | 3-3/4 | 42.50 | 90.00 |
| 15-36 | 0520145800 | 5-5/8 | 3-1/4 | 2-1/2 | 2-3/4 | 3 | .749-.748 | .503-.501 | 3/4 | 0520148200 | 4-3/4 | 50.00 | 95.00 |

American Standard Tongue and Groove Medium Duty - Long Pointed



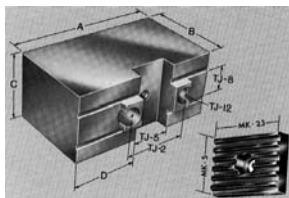
| Chuck Size | Order by Jaw Model Number | STANDARD HEIGHT | | | | | | | | EXTRA HIGH | | Standard Height Price | Extra High Height Price |
|------------|---------------------------|-----------------|-------|-------|---------|---------------------|-----------|-----------|-------|---------------------------|--------|-----------------------|-------------------------|
| | | DIMENSIONS | | | | CRITICAL DIMENSIONS | | | | Order by Jaw Model Number | Dim. B | | |
| | | A | B | C | D | TJ-2 | TJ-5 | TJ-8 | TJ-12 | | | | |
| 6 | 0520145900 | 3-3/16 | 1-5/8 | 1-1/4 | 1-11/16 | 1-1/2 | .499-.498 | .315-.313 | 3/8 | 0520148300 | 3-3/8 | 36.00 | 45.00 |
| 8 | 0520146200 | 3-15/16 | 1-5/8 | 1-1/4 | 2-1/4 | 1-3/4 | .499-.498 | .315-.313 | 3/8 | 0520148600 | 3-3/8 | 36.00 | 45.00 |
| 10 | 0520146400 | 4-13/16 | 1-7/8 | 1-1/2 | 2-11/16 | 2-1/8 | .749-.748 | .503-.501 | 1/2 | 0520148800 | 3-3/8 | 40.00 | 50.00 |
| 12 | 0520146600 | 5-3/4 | 2-3/8 | 1-3/4 | 3-3/8 | 2-1/2 | .749-.748 | .503-.501 | 1/2 | 0520149000 | 3-7/8 | 48.00 | 60.00 |
| 15 | 0520146800 | 7-1/4 | 2-1/4 | 2 | 4-1/2 | 3 | .749-.748 | .503-.501 | 5/8 | 0520149500 | 3-3/4 | 60.00 | 100.00 |
| 18-36 | 0520151900 | 7-1/4 | 3-1/4 | 2-1/2 | 4-1/2 | 3 | .749-.748 | .503-.501 | 3/4 | 0520152000 | 4-3/4 | 80.00 | 105.00 |

American Standard Tongue and Groove Heavy Duty - Long Pointed



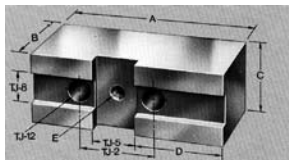
| Chuck Size | Order by Jaw Model Number | STANDARD HEIGHT | | | | | | | | EXTRA HIGH | | Standard Height Price | Extra High Height Price |
|------------|---------------------------|-----------------|-------|-------|---------|---------------------|-----------|-----------|-------|---------------------------|--------|-----------------------|-------------------------|
| | | DIMENSIONS | | | | CRITICAL DIMENSIONS | | | | Order by Jaw Model Number | Dim. B | | |
| | | A | B | C | D | TJ-2 | TJ-5 | TJ-8 | TJ-12 | | | | |
| 6 | 0520146000 | 3-3/16 | 1-5/8 | 1-1/4 | 1-11/16 | 1-1/2 | .499-.498 | .315-.313 | 7/16 | 0520148400 | 3-3/8 | 35.00 | 45.00 |
| 8 | 0520146300 | 3-15/16 | 1-7/8 | 1-1/2 | 2-1/4 | 1-3/4 | .499-.498 | .315-.313 | 1/2 | 0520148700 | 3-3/8 | 45.00 | 50.00 |
| 10 | 0520146500 | 4-13/16 | 2-3/8 | 1-3/4 | 2-11/16 | 2-1/8 | .749-.748 | .503-.501 | 5/8 | 0520148900 | 3-7/8 | 45.00 | 55.00 |
| 12 | 0520146700 | 5-3/4 | 2-3/8 | 2 | 3-3/8 | 2-1/2 | .749-.748 | .503-.501 | 5/8 | 0520149100 | 3-7/8 | 55.00 | 80.00 |
| 15 | 0520156900 | 7-1/4 | 2-1/4 | 2 | 4-1/2 | 3 | .749-.748 | .503-.501 | 3/4 | 0520149600 | 3-3/4 | 65.00 | 100.00 |
| 15-36 | 0520151900 | 7-1/4 | 3-1/4 | 2-1/2 | 4-1/2 | 3 | .749-.748 | .503-.501 | 3/4 | 0520152000 | 4-3/4 | 80.00 | 105.00 |

American Standard Acme - Serrated



| Chuck Size | Order by Jaw Model Number | ACME SERRATED JAWS | | | | | | | | MASTER KEYS | | | Acme Serrated Price | Master Keys Price |
|------------|---------------------------|--------------------|--------|-------|---------|---------------------|-------|-------|-------|---------------------------|-----------|------------|---------------------|-------------------|
| | | DIMENSIONS | | | | CRITICAL DIMENSIONS | | | | Order by Jaw Model Number | Dim. MK-5 | Dim. MK-23 | | |
| | | A | B | C | D | TJ-2 | TJ-5 | TJ-8 | TJ-12 | | | | | |
| 10 | 2501307200 | 4-1/8 | 2-5/16 | 1-3/4 | 1-13/16 | 1-3/4 | 1.030 | .750 | 1/2 | 2501091200 | 1.030 | 1-11/16 | 55.00 | 95.00 |
| 12 | 2501307100 | 4-1/8 | 2-5/16 | 1-3/4 | 1-13/16 | 2 | 1.030 | .875 | 5/8 | 2501091200 | 1.030 | 1-11/16 | 65.00 | 95.00 |
| 15-18 | 2501307000 | 5-5/8 | 3-1/4 | 2-1/2 | 2-5/8 | 2-1/2 | 1.530 | 1.000 | 3/4 | 2501090700 | 1.530 | 2-1/16 | 100.00 | 110.00 |
| 21-24 | 2501306900 | 5-7/8 | 3-1/4 | 3 | 2-3/4 | 3 | 1.530 | 1.250 | 7/8 | 2501119900 | 1.530 | 2-7/16 | 110.00 | 110.00 |
| | | | | | | | | | | 040082800 | 1.530 | 2-7/8 | - | 110.00 |

American Standard Square - Serrated



| Chuck Size | Order by Jaw Model Number | SQUARE SERRATED JAWS | | | | | | | | MASTER KEYS | | Square Serrated Price | Master Keys Price | |
|------------|---------------------------|----------------------|-------|-------|---------|---------|---------------------|-------------|-------------|-------------|---------------------------|-----------------------|-------------------|-------|
| | | DIMENSIONS | | | | | CRITICAL DIMENSIONS | | | Chuck Size | Order by Key Model Number | | | |
| | | A | B | C | D | E | TJ-2 | TJ-5 | TJ-8 | | | | | TJ-12 |
| 8 | 0520457000 | 3 | 2 | 1-1/4 | 1-11/32 | 1/4-20 | 1-7/16 | .746-.745 | .503-.501 | 3/8 | 8 | 0522711600 | 50.00 | 60.00 |
| 10-12 | 0520457100 | 4 | 2-1/2 | 1-3/4 | 1-5/8 | 5/16-18 | 1-3/4 | .995-.994 | .753-.751 | 1/2 | 10-12 | 0522729900 | 60.00 | 85.00 |
| 15-18 | 0520457200 | 5 | 3 | 2-1/4 | 1-3/4 | 3/8-16 | 2-1/2 | 1.489-1.487 | 1.003-1.001 | 3/4 | 15-18 | 0522700500 | 75.00 | 85.00 |