

1



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## I SELF-CENTERING SCROLL AND WEDGE BAR CHUCKS

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## 3-JAW SELF-CENTERING SET-TRU CHUCKS

- T.I.R. REPEATABILITY 0.0006"
- FORGED STEEL BODY



3564



Standard accessories



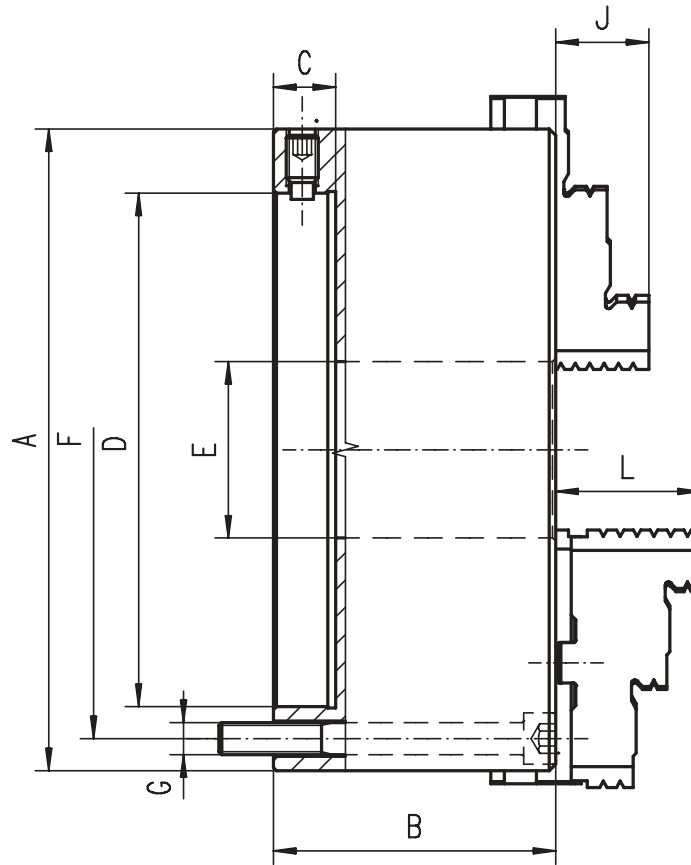
1 Set of hard solid ID jaws



1 Set of hard solid OD jaws



1 Wrench + 1 Hex key



- Hardened and ground working surfaces
- Balanced scroll plate
- Repeatability: 0.0006"
- Fine adjustment radially set screws provide nearly 0 run-out
- The clamped workpiece is adjusted to the required concentricity by means of 4 (8 for sizes 16", 20" and 25") radially arranged adjusting screws
- Made for universal use, but particularly advantageous for grinding machines, indexing heads and lathes
- Mounted on the machine tool spindle from the front of the chuck by using an adapter plate

3565



Standard accessories



1 Set of hard top jaws



1 Set of hard master jaws



1 Wrench + 1 Hex key

| Code No.   | Type     | A [in] | B [in] | C [in] | D [in] | E [in] | F [in] | G         | J [in] | L [in] | Weight [lbs] | Type     | Code No.   |
|------------|----------|--------|--------|--------|--------|--------|--------|-----------|--------|--------|--------------|----------|------------|
| 7-866-8040 | 3564-4"  | 3.94   | 2.68   | 0.51   | 1.77   | 0.79   | 3.27   | 3xM8      | 0.67   | -      | 7.28         | -        | -          |
| 7-866-8050 | 3564-5"  | 4.92   | 2.81   | 0.59   | 2.17   | 1.38   | 4.25   | 3xM8      | 0.79   | 1.57   | 11.02        | 3565-5"  | 7-866-0500 |
| 7-866-8060 | 3564-6"  | 6.30   | 2.70   | 0.71   | 3.39   | 1.65   | 5.51   | 3xM10     | 1.26   | 1.69   | 20.06        | 3565-6"  | 7-866-0600 |
| 7-866-8080 | 3564-8"  | 7.87   | 3.07   | 0.79   | 4.33   | 2.36   | 6.93   | 3xM10     | 1.14   | 1.77   | 34.17        | 3565-8"  | 7-866-0800 |
| 7-866-8100 | 3564-10" | 9.84   | 3.50   | 0.79   | 5.71   | 2.99   | 8.82   | 3xM12     | 1.34   | 2.09   | 57.76        | 3565-10" | 7-866-1000 |
| 7-866-8120 | 3564-12" | 12.40  | 3.79   | 0.79   | 7.09   | 4.06   | 11.26  | 3xM16     | 1.69   | 2.24   | 102.51       | 3565-12" | 7-866-1200 |
| 7-866-8160 | 3564-16" | 15.75  | 4.84   | 0.87   | 11.78  | 5.35   | 6.75   | 6x5/8"-11 | 2.17   | 2.64   | 198.42       | 3565-16" | 7-866-1600 |
| 7-866-8200 | 3564-20" | 19.69  | 5.67   | 1.18   | 16.03  | 7.48   | 9.25   | 6x3/4"-10 | 2.36   | 3.11   | 376.99       | 3565-20" | 7-866-2000 |
| 7-866-8250 | 3564-25" | 24.80  | 5.91   | 1.18   | 16.03  | 9.92   | 13.00  | 6x3/4"-10 | 2.76   | 3.43   | 665.80       | 3565-25" | 7-866-2500 |

- T.I.R. REPEATABILITY 0.0006"
- STEEL BODY

3765



Standard accessories



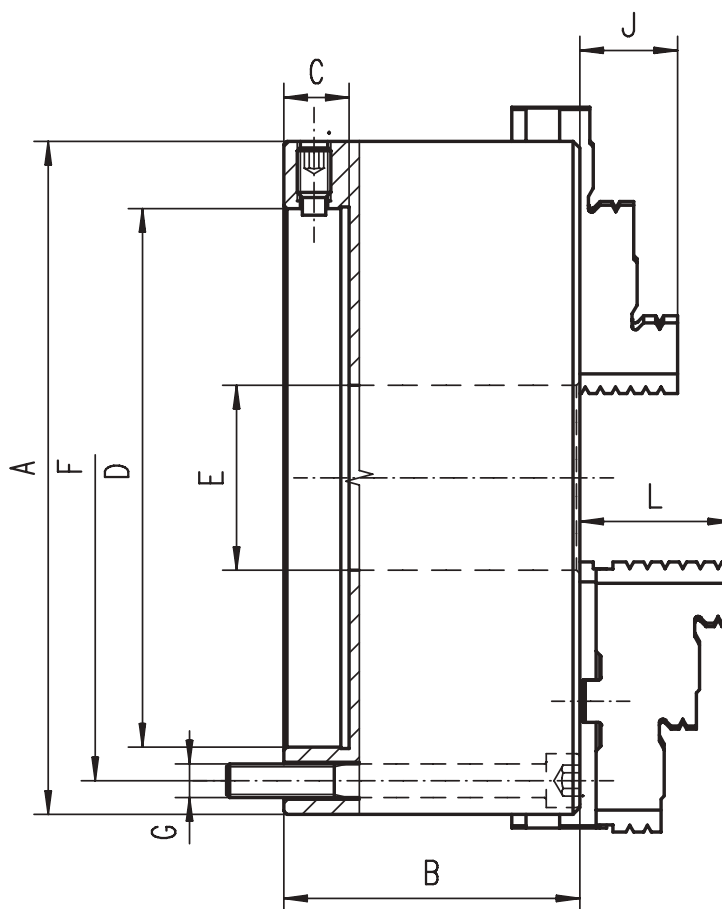
1 Set of hard top jaws



1 Set of hard master jaws



1 Wrench + 1 Hex key



- Hardened and ground working surfaces
- Balanced scroll plate
- Repeatability: 0.0006"
- Fine adjustment radially set screws provide nearly 0 run-out
- The clamped workpiece is adjusted to the required concentricity by means of 4 radially arranged adjusting screws
- Made for universal use, but particularly advantageous for grinding machines, indexing heads and lathes
- Mounted on the machine tool spindle from the front of the chuck by using an adapter plate

| Code No.   | Type     | A<br>[in] | B<br>[in] | C<br>[in] | D<br>[in] | E<br>[in] | F<br>[in] | G        | L<br>[in] | Weight<br>[lbs] |
|------------|----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|-----------|-----------------|
| 7-847-0600 | 3765-6"  | 6.30      | 2.70      | 0.71      | 3.39      | 1.65      | 5.51      | 3xM10    | 1.69      | 22              |
| 7-847-0800 | 3765-8"  | 7.87      | 3.07      | 0.79      | 4.33      | 2.17      | 6.93      | 3xM10    | 1.77      | 37              |
| 7-847-1000 | 3765-10" | 9.84      | 3.50      | 0.79      | 5.71      | 2.99      | 8.82      | 3xM12    | 2.09      | 65              |
| 7-847-1200 | 3765-12" | 12.40     | 3.79      | 0.79      | 7.09      | 4.06      | 11.26     | 3xM16    | 2.24      | 119             |
| 7-847-1600 | 3765-16" | 15.75     | 4.84      | 0.87      | 11.78     | 5.35      | 6.75      | 4x5/8-11 | 2.64      | 217             |



# 6-JAW SELF-CENTERING SET-TRU CHUCKS

- T.I.R. REPEATABILITY 0.0006"
- FORGED STEEL BODY



1

2

3

4

5

3864



Standard accessories



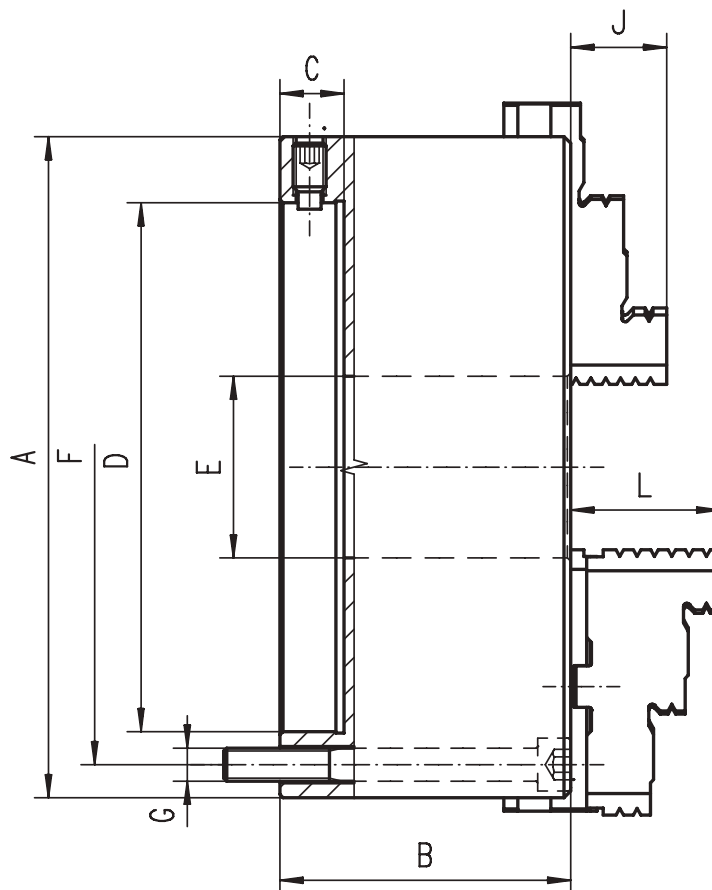
1 Set of hard solid ID jaws



1 Set of hard solid OD jaws



1 Wrench + 1 Hex key



- Hardened and ground working surfaces
- Balanced scroll plate
- Repeatability: 0.0006"
- Fine adjustment radially set screws provide nearly 0 run-out
- The clamped workpiece is adjusted to the required concentricity by means of 4 (8 for sizes 16", 20" and 25") radially arranged adjusting screws
- Made for universal use, but particularly advantageous for grinding machines, indexing heads and lathes
- Mounted on the machine tool spindle from the back of the chuck by using an adapter plate

3865



Standard accessories



1 Set of hard top jaws



1 Set of hard master jaws



1 Wrench + 1 Hex key

| Code No.   | Type     | A<br>[in] | B<br>[in] | C<br>[in] | D<br>[in] | E<br>[in] | F<br>[in] | G        | J<br>[in] | L<br>[in] | Weight<br>[lbs] | Type     | Code No.   |
|------------|----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|-----------|-----------|-----------------|----------|------------|
| 7-868-8050 | 3864-5"  | 4.92      | 2.64      | 0.59      | 2.17      | 1.38      | 4.25      | 3xM8     | 0.79      | 1.57      | 13.67           | 3865-5"  | 7-868-0500 |
| 7-868-8060 | 3864-6"  | 6.30      | 2.70      | 0.71      | 3.39      | 1.65      | 5.51      | 3xM10    | 1.26      | 1.69      | 23.15           | 3865-6"  | 7-868-0600 |
| 7-868-8080 | 3864-8"  | 7.87      | 3.07      | 0.79      | 4.33      | 2.17      | 6.93      | 3xM10    | 1.14      | 1.77      | 38.58           | 3865-8"  | 7-868-0800 |
| 7-868-8100 | 3864-10" | 9.84      | 3.50      | 0.79      | 5.71      | 2.99      | 8.82      | 3xM12    | 1.34      | 2.09      | 72.75           | 3865-10" | 7-868-1000 |
| 7-868-8120 | 3864-12" | 12.40     | 3.79      | 0.79      | 7.09      | 4.06      | 11.26     | 3xM16    | 1.61      | 2.20      | 123.46          | 3865-12" | 7-868-1200 |
| 7-868-8160 | 3864-16" | 15.75     | 4.84      | 0.87      | 11.78     | 5.35      | 6.75      | 6x5/8-11 | 2.17      | 2.64      | 218.26          | 3865-16" | 7-868-1600 |
| 7-868-8200 | 3864-20" | 19.69     | 5.67      | 1.18      | 16.03     | 7.48      | 9.25      | 6x3/4-10 | 2.36      | 3.11      | 396.83          | 3865-20" | 7-868-2000 |
| 7-868-8250 | 3864-25" | 24.80     | 5.91      | 1.18      | 16.03     | 9.92      | 13.00     | 6x3/4-10 | 2.76      | 3.43      | 718.71          | 3865-25" | 7-868-2500 |

3105



Standard accessories



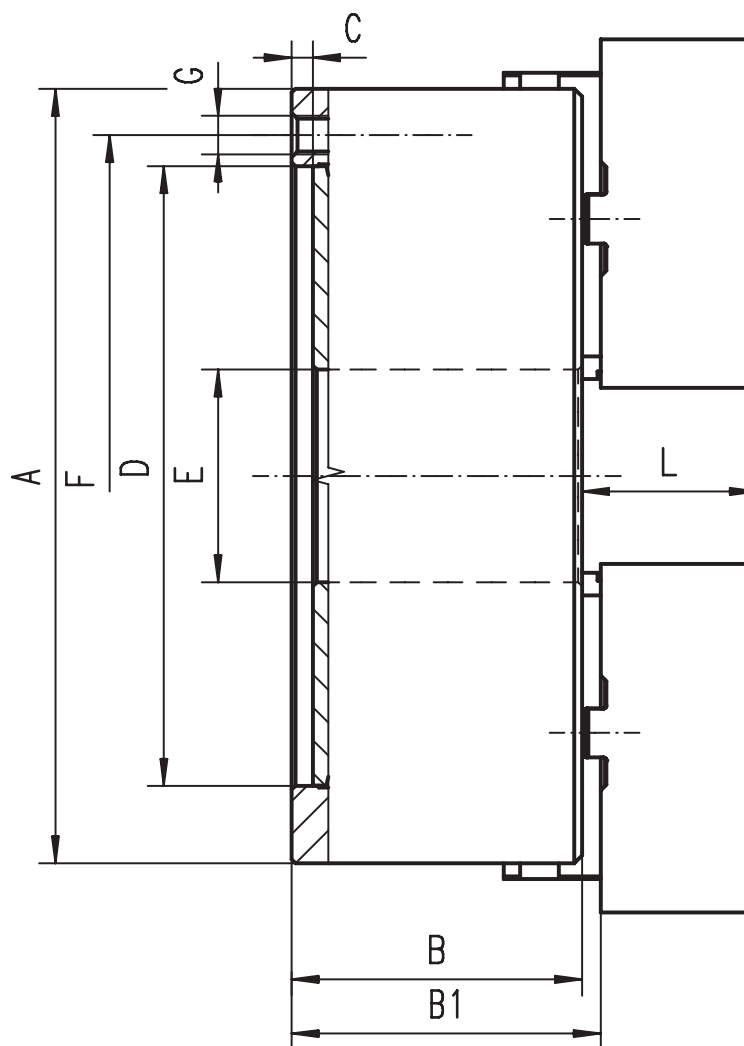
1 Set of soft top jaws



1 Set of hard master jaws



1 Wrench + 1 Hex key



■ Hardened and ground working surfaces

■ Balanced scroll plate

| Code No.   | Type     | A<br>[in] | B<br>[in] | B1<br>[in] | C<br>[in] | D H7<br>[in] | E<br>[in] | F<br>[in] | G     | L<br>[in] | Weight<br>[lbs] |
|------------|----------|-----------|-----------|------------|-----------|--------------|-----------|-----------|-------|-----------|-----------------|
| 7-830-0600 | 3105-6"  | 6.30      | 2.54      | 2.73       | 0.16      | 4.92         | 1.65      | 5.51      | 6xM10 | 1.69      | 22.05           |
| 7-830-0800 | 3105-8"  | 7.87      | 2.95      | 3.14       | 0.16      | 6.30         | 2.17      | 6.93      | 6xM10 | 1.77      | 38.58           |
| 7-830-1000 | 3105-10" | 9.84      | 3.35      | 3.50       | 0.20      | 7.87         | 2.99      | 8.82      | 6xM12 | 2.09      | 63.93           |
| 7-830-1200 | 3105-12" | 12.40     | 3.70      | 3.90       | 0.20      | 10.24        | 4.06      | 11.26     | 6xM16 | 2.24      | 110.23          |
| 7-830-1600 | 3105-16" | 15.75     | 4.13      | 4.48       | 0.20      | 12.99        | 5.35      | 14.25     | 6xM16 | 2.64      | 187.39          |



## 3-JAW SELF-CENTERING SCROLL CHUCKS

- PLAIN BACK MOUNT
- FORGED STEEL BODY



■ Precision Models Available Upon Request

3504



Standard accessories



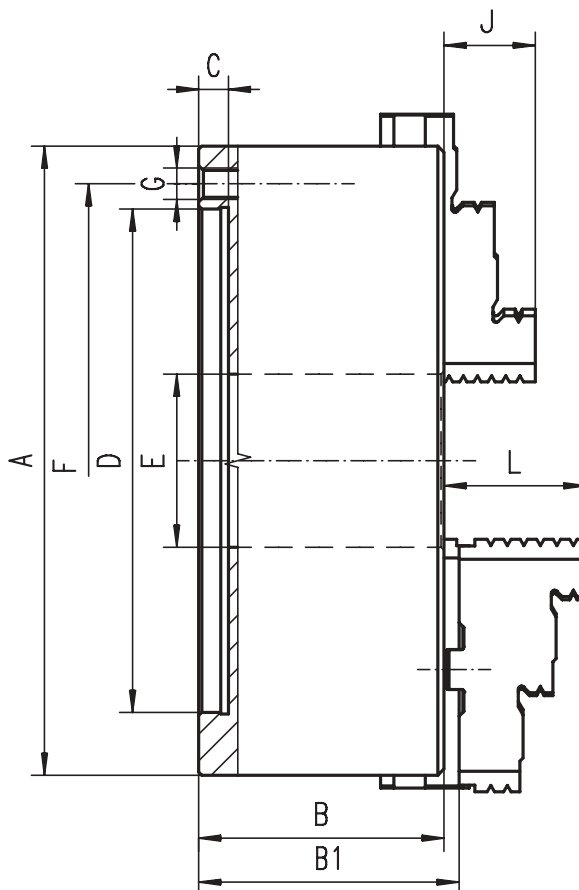
1 Set of hard solid ID jaws



1 Set of hard solid OD jaws



1 Wrench + 1 Hex key



3505



Standard accessories



1 Set of hard top jaws



1 Set of hard master jaws



1 Wrench + 1 Hex key

- Hardened and ground working surfaces
- Balanced scroll plate
- Chucks  $\varnothing 20"$  and above have additional T-slots

| Code No.   | Type     | A<br>[in] | B<br>[in] | B1<br>[in] | C<br>[in] | D H7<br>[in] | E<br>[in] | F<br>[in] | G     | J<br>[in] | L<br>[in] | Weight<br>[lbs] | Type     | Code No.   |
|------------|----------|-----------|-----------|------------|-----------|--------------|-----------|-----------|-------|-----------|-----------|-----------------|----------|------------|
| 7-829-0300 | 3504-3"  | 3.15      | 1.73      | -          | 0.12      | 2.20         | 0.63      | 2.64      | 3xM6  | 0.51      | -         | 3.31            | -        | -          |
| 7-829-0400 | 3504-4"  | 3.94      | 1.97      | -          | 0.12      | 2.76         | 0.79      | 3.27      | 3xM8  | 0.63      | -         | 6.17            | -        | -          |
| 7-829-0500 | 3504-5"  | 4.92      | 2.34      | 2.53       | 0.16      | 3.74         | 1.40      | 4.25      | 3xM8  | 0.79      | 1.57      | 11.02           | 3505-5"  | 7-820-0500 |
| 7-829-0600 | 3504-6"  | 6.30      | 2.68      | 2.87       | 0.16      | 4.92         | 1.65      | 5.51      | 6xM10 | 1.26      | 1.69      | 22.05           | 3505-6"  | 7-820-0600 |
| 7-829-0800 | 3504-8"  | 7.87      | 3.07      | 3.26       | 0.16      | 6.30         | 2.17      | 6.93      | 6xM10 | 1.14      | 1.77      | 38.58           | 3505-8"  | 7-820-0800 |
| 7-829-1000 | 3504-10" | 9.84      | 3.50      | 3.65       | 0.20      | 7.87         | 2.99      | 8.82      | 6xM12 | 1.34      | 2.09      | 63.93           | 3505-10" | 7-820-1000 |
| 7-829-1200 | 3504-12" | 12.40     | 3.79      | 3.99       | 0.20      | 10.24        | 4.06      | 11.26     | 6xM16 | 1.69      | 2.24      | 110.23          | 3505-12" | 7-820-1200 |
| 7-829-1600 | 3504-16" | 15.75     | 4.29      | 4.60       | 0.20      | 12.99        | 5.35      | 14.25     | 6xM16 | 2.17      | 2.64      | 187.39          | 3505-16" | 7-820-1600 |
| 7-829-2000 | 3504-20" | 19.69     | 4.69      | 5.11       | 0.20      | 16.54        | 7.48      | 18.03     | 6xM16 | 2.36      | 3.11      | 319.67          | 3505-20" | 7-820-2000 |
| 7-829-2500 | 3504-25" | 24.80     | 5.08      | 5.52       | 0.28      | 21.46        | 9.92      | 23.07     | 6xM16 | 2.76      | 3.43      | 551.16          | 3505-25" | 7-820-2500 |

- PLAIN BACK MOUNT
- CAST IRON BODY



**3204**



Standard accessories



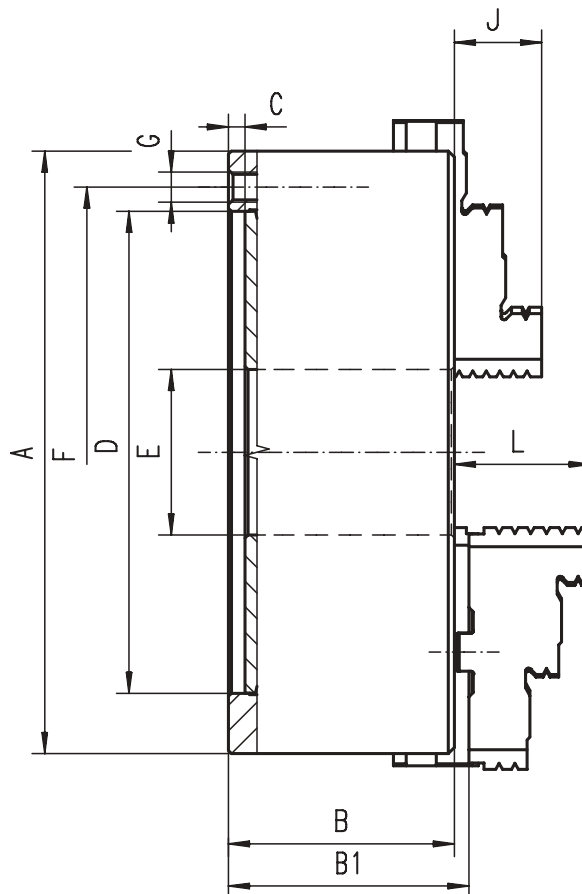
1 Set of hard solid ID jaws



1 Set of hard solid OD jaws



1 Wrench + 1 Hex key



■ Ground working surfaces

**3205**



Standard accessories



1 Set of hard top jaws



1 Set of hard master jaws



1 Wrench + 1 Hex key

| Code No.   | Type     | A<br>[in] | B<br>[in] | B1<br>[in] | C<br>[in] | D H7<br>[in] | E<br>[in] | F<br>[in] | G     | J<br>[in] | L<br>[in] | Weight<br>[lbs] | Type     | Code No.   |
|------------|----------|-----------|-----------|------------|-----------|--------------|-----------|-----------|-------|-----------|-----------|-----------------|----------|------------|
| 7-810-0300 | 3204-3"  | 3.15      | 1.73      | -          | 0.12      | 2.20         | 0.63      | 2.64      | 3xM6  | 0.51      | -         | 3.31            | -        | -          |
| 7-810-0400 | 3204-4"  | 3.94      | 1.97      | -          | 0.12      | 2.76         | 0.79      | 3.27      | 3xM8  | 0.63      | -         | 6.17            | -        | -          |
| 7-810-0500 | 3204-5"  | 4.92      | 2.20      | 2.39       | 0.16      | 3.74         | 1.26      | 4.25      | 3xM8  | 0.79      | 1.57      | 11.02           | 3205-5"  | 7-800-0500 |
| 7-810-0600 | 3204-6"  | 6.30      | 2.54      | 2.73       | 0.16      | 4.92         | 1.65      | 5.51      | 6xM10 | 1.26      | 1.69      | 22.05           | 3205-6"  | 7-800-0600 |
| 7-810-0800 | 3204-8"  | 7.87      | 2.95      | 3.14       | 0.16      | 6.30         | 2.17      | 6.93      | 6xM10 | 1.14      | 1.77      | 38.58           | 3205-8"  | 7-800-0800 |
| 7-810-1000 | 3204-10" | 9.84      | 3.35      | 3.50       | 0.20      | 7.87         | 2.99      | 8.82      | 6xM12 | 1.34      | 2.09      | 63.93           | 3205-10" | 7-800-1000 |
| 7-810-1200 | 3204-12" | 12.40     | 3.70      | 3.90       | 0.20      | 10.24        | 4.06      | 11.26     | 6xM16 | 1.69      | 2.24      | 110.23          | 3205-12" | 7-800-1200 |
| 7-810-1600 | 3204-16" | 15.75     | 4.13      | 4.48       | 0.20      | 12.99        | 5.35      | 14.25     | 6xM16 | 2.17      | 2.64      | 187.39          | 3205-16" | 7-800-1600 |
| 7-810-2000 | 3204-20" | 19.69     | 4.72      | 5.15       | 0.20      | 16.54        | 7.48      | 18.03     | 6xM16 | 2.36      | 3.11      | 319.67          | 3205-20" | 7-800-2000 |
| 7-810-2500 | 3204-25" | 24.80     | 5.31      | 5.76       | 0.28      | 21.46        | 9.92      | 23.07     | 6xM16 | 2.76      | 3.43      | 551.16          | 3205-25" | 7-800-2500 |



# 3-JAW SELF-CENTERING SCROLL CHUCKS

- A-TYPE DIRECT MOUNT
- FORGED STEEL BODY



1

2

3

4

5

3514



Standard accessories



1 Set of hard solid ID jaws

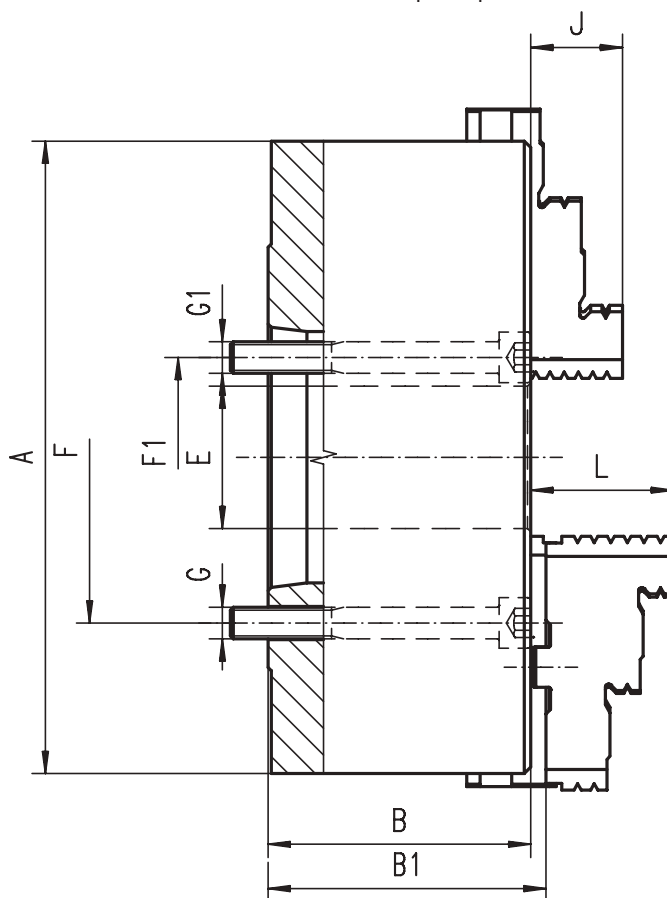


1 Set of hard solid OD jaws



1 Wrench + 1 Hex key

■ Precision Models Available Upon Request



- Hardened and ground working surfaces
- Balanced scroll plate
- Chucks ø20" and above have additional T-slots

3515



Standard accessories



1 Set of hard top jaws



1 Set of hard master jaws



1 Wrench + 1 Hex key

| Code No.   | Type        | A<br>[in] | Taper<br>Size | B<br>[in] | B1<br>[in] | E<br>[in] | F<br>[in] | F1<br>[in] | Number<br>of bolts | 3514  |       | 3515    |         | J<br>[in] | L<br>[in] | Weight<br>[lbs] | Type        | Code No.   |
|------------|-------------|-----------|---------------|-----------|------------|-----------|-----------|------------|--------------------|-------|-------|---------|---------|-----------|-----------|-----------------|-------------|------------|
|            |             |           |               |           |            |           |           |            |                    | G     | G1    | G       | G1      |           |           |                 |             |            |
| 7-822-0615 | 3514-6"-5   | 6.30      | 5             | 2.68      | 2.87       | 1.65      | -         | 2.44       | 3                  | -     | 3xM10 | -       | 7/16-14 | 1.26      | 1.69      | 22.05           | 3515-6"-5   | 7-821-0615 |
| 7-822-0814 | 3514-8"-4   | 7.87      | 4             | 3.07      | 3.26       | 1.65      | 3.25      | -          | 3                  | 3xM10 | -     | 7/16-14 | -       | 1.14      | 1.77      | 41.89           | 3515-8"-4   | 7-821-0814 |
| 7-822-0815 | 3514-8"-5   | 7.87      | 5             | 3.07      | 3.26       | 1.65      | -         | 2.44       | 3                  | -     | 3xM10 | -       | 7/16-14 | 1.14      | 1.77      | 41.89           | 3515-8"-5   | 7-821-0815 |
| 7-822-0816 | 3514-8"-6   | 7.87      | 6             | 3.07      | 3.26       | 2.17      | -         | 3.25       | 3                  | -     | 3xM12 | -       | 1/2-13  | 1.14      | 1.77      | 41.89           | 3515-8"-6   | 7-821-0816 |
| 7-822-1015 | 3514-10"-5  | 9.84      | 5             | 3.50      | 3.65       | 2.99      | 4.13      | -          | 3                  | 3xM10 | -     | 7/16-14 | -       | 1.34      | 2.09      | 70.55           | 3515-10"-5  | 7-821-1015 |
| 7-822-1016 | 3514-10"-6  | 9.84      | 6             | 3.50      | 3.65       | 2.17      | -         | 3.25       | 6                  | -     | 6xM12 | -       | 1/2-13  | 1.34      | 2.09      | 70.55           | 3515-10"-6  | 7-821-1016 |
| 7-822-1018 | 3514-10"-8  | 9.84      | 8             | 3.50      | 3.65       | 2.99      | -         | 4.37       | 6                  | -     | 6xM16 | -       | 5/8-11  | 1.34      | 2.09      | 70.55           | 3515-10"-8  | 7-821-1018 |
| 7-822-1226 | 3514-12"-6  | 12.40     | 6             | 3.79      | 3.99       | 4.06      | 5.25      | -          | 6                  | 6xM12 | -     | 1/2-13  | -       | 1.69      | 2.24      | 121.25          | 3515-12"-6  | 7-821-1226 |
| 7-822-1228 | 3514-12"-8  | 12.40     | 8             | 3.79      | 3.99       | 3.15      | -         | 4.37       | 6                  | -     | 6xM16 | -       | 5/8-11  | 1.69      | 2.24      | 121.25          | 3515-12"-8  | 7-821-1228 |
| 7-822-1626 | 3514-16"-6  | 15.75     | 6             | 4.25      | 4.60       | 4.06      | 5.25      | -          | 6                  | 6xM12 | -     | 1/2-13  | -       | 2.17      | 2.64      | 202.83          | 3515-16"-6  | 7-821-1626 |
| 7-822-1628 | 3514-16"-8  | 15.75     | 8             | 4.25      | 4.60       | 5.35      | 6.75      | -          | 6                  | 6xM16 | -     | 5/8-11  | -       | 2.17      | 2.64      | 202.83          | 3515-16"-8  | 7-821-1628 |
| 7-822-1629 | 3514-16"-11 | 15.75     | 11            | 4.25      | 4.60       | 5.12      | -         | 6.50       | 6                  | -     | 6xM20 | -       | 3/4-10  | 2.17      | 2.64      | 202.83          | 3515-16"-11 | 7-821-1629 |
| 7-822-2028 | 3514-20"-8  | 19.69     | 8             | 4.69      | 5.11       | 5.35      | 6.75      | -          | 6                  | 6xM16 | -     | 5/8-11  | -       | 2.36      | 3.11      | 352.74          | 3515-20"-8  | 7-821-2028 |
| 7-822-2029 | 3514-20"-11 | 19.69     | 11            | 4.69      | 5.11       | 7.48      | 9.25      | -          | 6                  | 6xM20 | -     | 3/4-10  | -       | 2.36      | 3.11      | 352.74          | 3515-20"-11 | 7-821-2029 |
| 7-822-2529 | 3514-25"-11 | 24.80     | 11            | 5.08      | 5.52       | 7.48      | 9.25      | -          | 6                  | 6xM20 | -     | 3/4-10  | -       | 2.76      | 3.43      | 628.32          | 3515-25"-11 | 7-821-2529 |
| 7-822-2530 | 3514-25"-15 | 24.80     | 15            | 5.08      | 5.52       | 9.92      | 13.00     | -          | 6                  | 6xM24 | -     | 7/8-9   | -       | 2.76      | 3.43      | 628.32          | 3515-25"-15 | 7-821-2530 |

- A-TYPE DIRECT MOUNT
- CAST IRON BODY



3214



Standard accessories



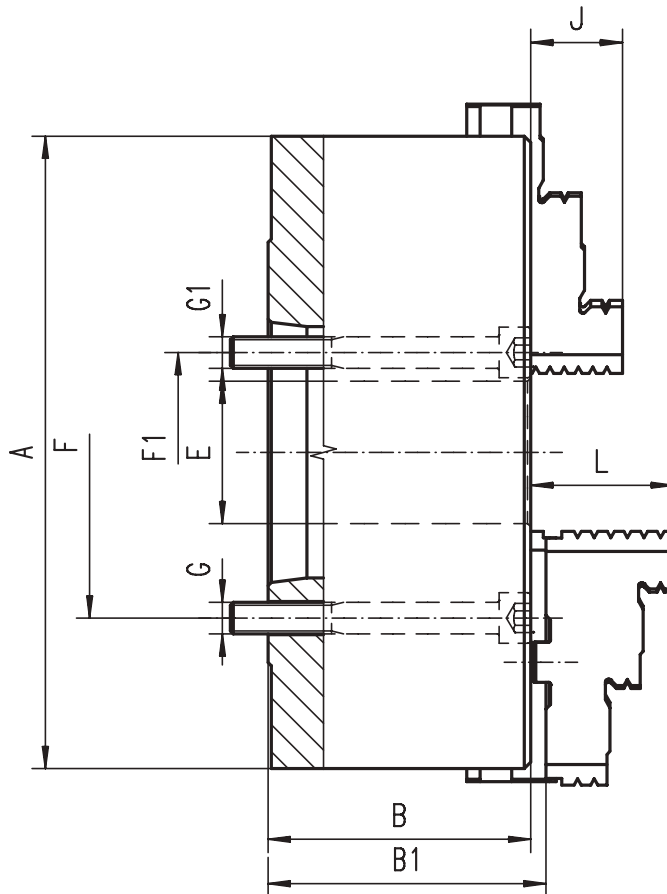
1 Set of hard solid ID jaws



1 Set of hard solid OD jaws



1 Wrench + 1 Hex key



■ Ground working surfaces

3215



Standard accessories



1 Set of hard top jaws



1 Set of hard master jaws



1 Wrench + 1 Hex key

| Code No.   | Type        | A<br>[in] | Taper<br>Size | B<br>[in] | B1<br>[in] | E<br>[in] | F<br>[in] | F1<br>[in] | Number<br>of bolts | 3214  |        | 3215    |         | J<br>[in] | L<br>[in] | Weight<br>[lbs] | Type        | Code No.   |
|------------|-------------|-----------|---------------|-----------|------------|-----------|-----------|------------|--------------------|-------|--------|---------|---------|-----------|-----------|-----------------|-------------|------------|
|            |             |           |               |           |            |           |           |            |                    | G     | G1     | G       | G1      |           |           |                 |             |            |
| 7-802-0615 | 3214-6"-5   | 6.30      | 5             | 3.21      | 3.40       | 1.65      | -         | 2.44       | 3                  | -     | 3xM10  | -       | 7/16-14 | 0.63      | 1.69      | 22.05           | 3215-6"-5   | 7-801-0615 |
| 7-802-0815 | 3214-8"-5   | 7.87      | 5             | 3.58      | 3.77       | 1.65      | -         | 2.44       | 3                  | -     | 3xM10  | -       | 7/16-14 | 1.14      | 1.77      | 41.89           | 3215-8"-5   | 7-801-0815 |
| 7-802-0816 | 3214-8"-6   | 7.87      | 6             | 3.58      | 3.77       | 2.17      | -         | 3.25       | 3                  | -     | 3xM12  | -       | 1/2-13  | 1.14      | 1.77      | 41.89           | 3215-8"-6   | 7-801-0816 |
| 7-802-1015 | 3214-10"-5  | 9.84      | 5             | 4.07      | 4.22       | 2.99      | 4.13      | -          | 6                  | 6xM10 | -      | 7/16-14 | -       | 1.34      | 2.09      | 70.55           | 3215-10"-5  | 7-801-1015 |
| 7-802-1016 | 3214-10"-6  | 9.84      | 6             | 4.07      | 4.22       | 2.17      | -         | 3.25       | 6                  | -     | 6xM12  | -       | 1/2-13  | 1.34      | 2.09      | 70.55           | 3215-10"-6  | 7-801-1016 |
| 7-802-1018 | 3214-10"-8  | 9.84      | 8             | 4.07      | 4.22       | 2.99      | -         | 4.37       | 6                  | -     | 6xM16  | -       | 5/8-11  | 1.34      | 2.09      | 70.55           | 3215-10"-8  | 7-801-1018 |
| 7-802-1216 | 3214-12"-6  | 12.40     | 6             | 4.63      | 4.83       | 4.06      | 5.25      | -          | 6                  | 6xM12 | -      | 1/2-13  | -       | 1.69      | 2.24      | 121.25          | 3215-12"-6  | 7-801-1216 |
| 7-802-1218 | 3214-12"-8  | 12.40     | 8             | 4.63      | 4.83       | 3.15      | -         | 4.37       | 6                  | -     | 6xM16  | -       | 5/8-11  | 1.69      | 2.24      | 121.25          | 3215-12"-8  | 7-801-1218 |
| 7-802-1616 | 3214-16"-6  | 15.75     | 6             | 5.06      | 5.41       | 4.06      | 5.25      | -          | 6                  | 6xM12 | -      | 1/2-13  | -       | 2.17      | 2.64      | 202.83          | 3215-16"-6  | 7-801-1616 |
| 7-802-1618 | 3214-16"-8  | 15.75     | 8             | 5.06      | 5.41       | 5.35      | 6.75      | -          | 6                  | 6xM16 | -      | 5/8-11  | -       | 2.17      | 2.64      | 202.83          | 3215-16"-8  | 7-801-1618 |
| 7-802-1619 | 3214-16"-11 | 15.75     | 11            | 5.06      | 5.41       | 5.12      | -         | 6.50       | 6                  | -     | 6xM 20 | -       | 3/4-10  | 2.17      | 2.64      | 202.83          | 3215-16"-11 | 7-801-1619 |
| 7-802-2028 | 3214-20"-8  | 19.69     | 8             | 5.75      | 6.19       | 5.35      | 6.75      | -          | 6                  | 6xM16 | -      | 5/8-11  | -       | 2.36      | 3.11      | 352.74          | 3215-20"-8  | 7-801-2028 |
| 7-802-2029 | 3214-20"-11 | 19.69     | 11            | 5.75      | 6.19       | 7.48      | 9.25      | -          | 6                  | 6xM20 | -      | 3/4-10  | -       | 2.36      | 3.11      | 352.74          | 3215-20"-11 | 7-801-2029 |
| 7-802-2511 | 3214-25"-11 | 24.80     | 11            | 6.50      | 6.92       | 7.48      | 9.25      | -          | 6                  | 6xM20 | -      | 3/4-10  | -       | 2.76      | 3.43      | 628.32          | 3215-25"-11 | 7-801-2511 |
| 7-802-2515 | 3214-25"-15 | 24.80     | 15            | 6.50      | 6.92       | 7.48      | -         | 9.75       | 6                  | -     | 6xM24  | -       | 7/8-9   | 2.76      | 3.43      | 628.32          | 3215-25"-15 | 7-801-2515 |



# 3-JAW SELF-CENTERING SCROLL CHUCKS

- C-TYPE DIRECT MOUNT
- FORGED STEEL BODY



1

2

3

4

5

**3534**

Standard accessories



1 Set of hard solid ID jaws

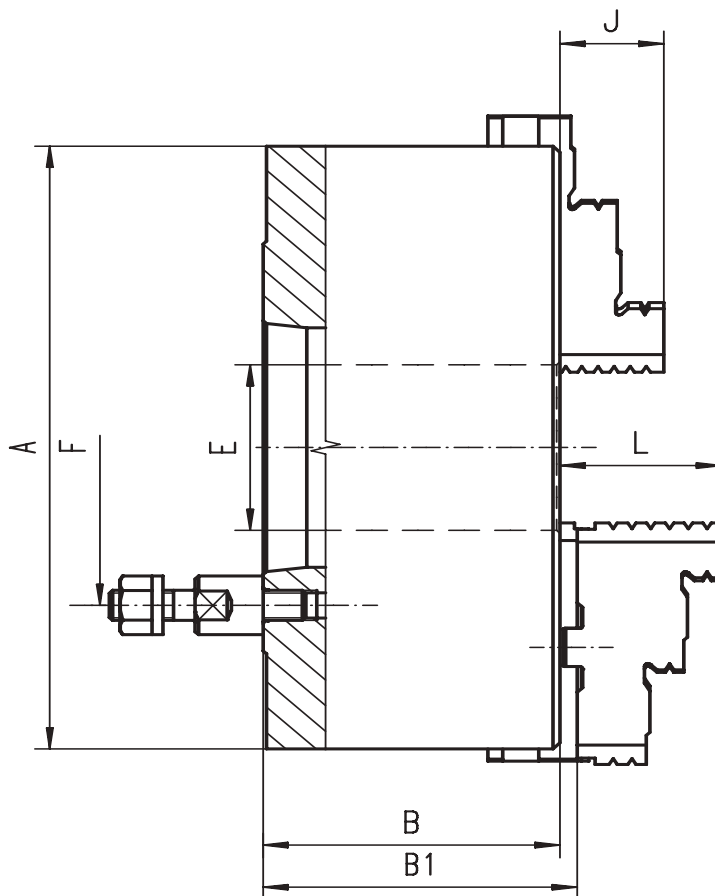


1 Set of hard solid OD jaws



1 Wrench + 1 Hex key

■ Precision Models Available Upon Request



- Hardened and ground working surfaces
- Balanced scroll plate
- Chucks  $\varnothing 20''$  and above have additional T-slots

**3535**

Standard accessories



1 Set of hard top jaws



1 Set of hard master jaws



1 Wrench + 1 Hex key

| Code No.   | Type        | A<br>[in] | Taper<br>Size | B<br>[in] | B1<br>[in] | E<br>[in] | F<br>[in] | No. of<br>Stud bolts | J<br>[in] | L<br>[in] | Weight<br>[lbs] | Type        | Code No.   |
|------------|-------------|-----------|---------------|-----------|------------|-----------|-----------|----------------------|-----------|-----------|-----------------|-------------|------------|
| 7-828-0553 | 3534-5"-3   | 4.92      | 3             | 2.34      | 2.55       | 1.26      | 2.95      | 3                    | 0.79      | 1.57      | 11.02           | 3535-5"-3   | 7-826-0553 |
| 7-828-0554 | 3534-5"-4   | 4.92      | 4             | 2.34      | 2.55       | 1.26      | 3.35      | 3                    | 0.79      | 1.57      | 11.02           | 3535-5"-4   | 7-826-0554 |
| 7-828-0654 | 3534-6"-4   | 6.30      | 4             | 2.68      | 2.87       | 1.65      | 3.35      | 3                    | 1.26      | 1.69      | 19.84           | 3535-6"-4   | 7-826-0654 |
| 7-828-0655 | 3534-6"-5   | 6.30      | 5             | 2.68      | 2.87       | 1.65      | 4.13      | 4                    | 1.26      | 1.69      | 19.84           | 3535-6"-5   | 7-826-0655 |
| 7-828-0855 | 3534-8"-5   | 7.87      | 5             | 3.07      | 3.26       | 2.17      | 4.13      | 4                    | 1.14      | 1.77      | 41.89           | 3535-8"-5   | 7-826-0855 |
| 7-828-0856 | 3534-8"-6   | 7.87      | 6             | 3.07      | 3.26       | 2.17      | 5.25      | 4                    | 1.14      | 1.77      | 41.89           | 3535-8"-6   | 7-826-0856 |
| 7-828-1056 | 3534-10"-6  | 9.84      | 6             | 3.50      | 3.65       | 2.99      | 5.25      | 4                    | 1.34      | 2.09      | 70.55           | 3535-10"-6  | 7-826-1056 |
| 7-828-1058 | 3534-10"-8  | 9.84      | 8             | 3.50      | 3.65       | 2.99      | 6.75      | 4                    | 1.34      | 2.09      | 70.55           | 3535-10"-8  | 7-826-1058 |
| 7-828-1256 | 3534-12"-6  | 12.40     | 6             | 3.79      | 3.99       | 4.06      | 5.25      | 4                    | 1.69      | 2.24      | 112.44          | 3535-12"-6  | 7-826-1256 |
| 7-828-1258 | 3534-12"-8  | 12.40     | 8             | 3.79      | 3.99       | 4.06      | 6.75      | 4                    | 1.69      | 2.24      | 112.44          | 3535-12"-8  | 7-826-1258 |
| 7-828-1259 | 3534-12"-11 | 12.40     | 11            | 4.40      | 4.60       | 4.06      | 9.25      | 6                    | 1.69      | 2.24      | 112.44          | 3535-12"-11 | 7-826-1259 |
| 7-828-1658 | 3534-16"-8  | 15.75     | 8             | 4.25      | 4.60       | 5.35      | 6.75      | 4                    | 2.17      | 2.64      | 222.67          | 3535-16"-8  | 7-826-1658 |
| 7-828-1659 | 3534-16"-11 | 15.75     | 11            | 4.25      | 4.60       | 5.35      | 9.25      | 6                    | 2.17      | 2.64      | 222.67          | 3535-16"-11 | 7-826-1659 |
| 7-828-2058 | 3534-20"-8  | 19.69     | 8             | 4.69      | 5.11       | 5.35      | 6.75      | 4                    | 2.36      | 3.11      | 330.69          | 3535-20"-8  | 7-826-2058 |
| 7-828-2059 | 3534-20"-11 | 19.69     | 11            | 4.69      | 5.11       | 7.48      | 9.25      | 6                    | 2.36      | 3.11      | 330.69          | 3535-20"-11 | 7-826-2059 |
| 7-828-2559 | 3534-25"-11 | 24.80     | 11            | 5.08      | 5.52       | 7.48      | 9.25      | 6                    | 2.76      | 3.43      | 604.07          | 3535-25"-11 | 7-826-2559 |
| 7-828-2555 | 3534-25"-15 | 24.80     | 15            | 5.08      | 5.52       | 9.92      | 13.00     | 6                    | 2.76      | 3.43      | 604.07          | 3535-25"-15 | 7-826-2555 |

- C-TYPE DIRECT MOUNT
- CAST IRON BODY



3234



Standard accessories



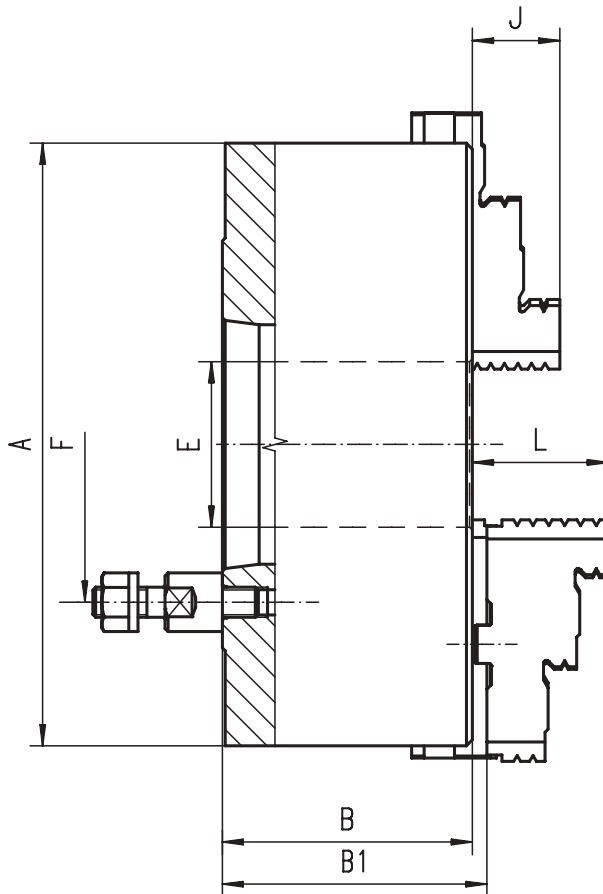
1 Set of hard solid ID jaws



1 Set of hard solid OD jaws



1 Wrench + 1 Hex key



■ Ground working surfaces

3235



Standard accessories



1 Set of hard top jaws



1 Set of hard master jaws



1 Wrench + 1 Hex key

| Code No.   | Type        | A [in] | Taper Size | B [in] | B1 [in] | E [in] | F [in] | No. of Stud bolts | J [in] | L [in] | Weight [lbs] |
|------------|-------------|--------|------------|--------|---------|--------|--------|-------------------|--------|--------|--------------|
| 7-806-0433 | 3234-4"-3   | 3.94   | 3          | 3.15   | -       | 0.79   | 2.95   | 3                 | 0.63   | -      | 6.61         |
| 7-806-0553 | 3234-5"-3   | 4.92   | 3          | 2.76   | 2.94    | 1.26   | 2.95   | 3                 | 0.79   | 1.57   | 11.02        |
| 7-806-0554 | 3234-5"-4   | 4.92   | 4          | 2.76   | 2.94    | 1.26   | 3.35   | 3                 | 0.79   | 1.57   | 11.02        |
| 7-806-0653 | 3234-6"-3   | 6.30   | 3          | 3.21   | 3.40    | 1.65   | 2.95   | 3                 | 1.26   | 1.69   | 19.84        |
| 7-806-0654 | 3234-6"-4   | 6.30   | 4          | 3.21   | 3.40    | 1.65   | 3.35   | 3                 | 1.26   | 1.69   | 19.84        |
| 7-806-0655 | 3234-6"-5   | 6.30   | 5          | 3.21   | 3.40    | 1.65   | 4.13   | 4                 | 1.26   | 1.69   | 19.84        |
| 7-806-0656 | 3234-6"-6   | 6.30   | 6          | 3.58   | 3.77    | 2.03   | 5.25   | 4                 | 1.14   | 1.77   | 41.89        |
| 7-806-0853 | 3234-8"-3   | 7.87   | 3          | 3.58   | 3.77    | 2.17   | 2.95   | 3                 | 1.14   | 1.77   | 41.89        |
| 7-806-0854 | 3234-8"-4   | 7.87   | 4          | 3.58   | 3.77    | 2.17   | 3.35   | 3                 | 1.14   | 1.77   | 41.89        |
| 7-806-0855 | 3234-8"-5   | 7.87   | 5          | 3.58   | 3.77    | 2.17   | 4.13   | 4                 | 1.14   | 1.77   | 41.89        |
| 7-806-0856 | 3234-8"-6   | 7.87   | 6          | 4.07   | 4.22    | 2.17   | 5.25   | 4                 | 1.34   | 2.09   | 70.55        |
| 7-806-1056 | 3234-10"-6  | 9.84   | 6          | 4.07   | 4.22    | 2.99   | 5.25   | 4                 | 1.34   | 2.09   | 70.55        |
| 7-806-1058 | 3234-10"-8  | 9.84   | 8          | 4.07   | 4.22    | 2.99   | 6.75   | 4                 | 1.34   | 2.09   | 70.55        |
| 7-806-1256 | 3234-12"-6  | 12.40  | 6          | 4.63   | 4.83    | 4.06   | 5.25   | 4                 | 1.69   | 2.24   | 112.44       |
| 7-806-1258 | 3234-12"-8  | 12.40  | 8          | 4.63   | 4.83    | 4.06   | 6.75   | 4                 | 1.69   | 2.24   | 112.44       |
| 7-806-1259 | 3234-12"-11 | 12.40  | 11         | 5.51   | 5.71    | 4.06   | 9.25   | 6                 | 1.69   | 2.24   | 112.44       |
| 7-806-1656 | 3234-16"-6  | 15.75  | 6          | 5.06   | 5.41    | 4.06   | 5.25   | 4                 | 2.17   | 2.64   | 222.67       |
| 7-806-1658 | 3234-16"-8  | 15.75  | 8          | 5.06   | 5.41    | 5.35   | 6.75   | 4                 | 2.17   | 2.64   | 222.67       |
| 7-806-1659 | 3234-16"-11 | 15.75  | 11         | 5.06   | 5.41    | 5.35   | 9.25   | 6                 | 2.17   | 2.64   | 222.67       |
| 7-806-2058 | 3234-20"-8  | 19.69  | 8          | 5.75   | 6.17    | 5.35   | 6.75   | 4                 | 2.36   | 3.11   | 330.69       |
| 7-806-2059 | 3234-20"-11 | 19.69  | 11         | 5.75   | 6.17    | 7.48   | 9.25   | 6                 | 2.36   | 3.11   | 330.69       |
| 7-806-2559 | 3234-25"-11 | 24.80  | 11         | 6.50   | 6.94    | 7.48   | 9.25   | 6                 | 2.76   | 3.43   | 604.07       |
| 7-806-2555 | 3234-25"-15 | 24.80  | 15         | 6.50   | 6.94    | 9.92   | 13.00  | 6                 | 2.76   | 3.43   | 604.07       |

| Type        | Code No.   |
|-------------|------------|
| -           | -          |
| 3235-5"-3   | 7-807-0553 |
| 3235-5"-4   | 7-807-0554 |
| 3235-6"-3   | 7-807-0653 |
| 3235-6"-4   | 7-807-0654 |
| 3235-6"-5   | 7-807-0655 |
| 3235-6"-6   | 7-807-0656 |
| 3235-8"-3   | 7-807-0853 |
| 3235-8"-4   | 7-807-0854 |
| 3235-8"-5   | 7-807-0855 |
| 3235-8"-6   | 7-807-0856 |
| 3235-10"-6  | 7-807-1056 |
| 3235-10"-8  | 7-807-1058 |
| 3235-12"-6  | 7-807-1256 |
| 3235-12"-8  | 7-807-1258 |
| 3235-12"-11 | 7-807-1259 |
| 3235-16"-6  | 7-807-1656 |
| 3235-16"-8  | 7-807-1658 |
| 3235-16"-11 | 7-807-1659 |
| 3235-20"-8  | 7-807-2058 |
| 3235-20"-11 | 7-807-2059 |
| 3235-25"-11 | 7-807-2559 |
| 3235-25"-15 | 7-807-2555 |



# 3-JAW SELF-CENTERING SCROLL CHUCKS

- D-TYPE DIRECT MOUNT
- FORGED STEEL BODY



1

2

3

4

5

3544



Standard accessories



1 Set of hard solid ID jaws

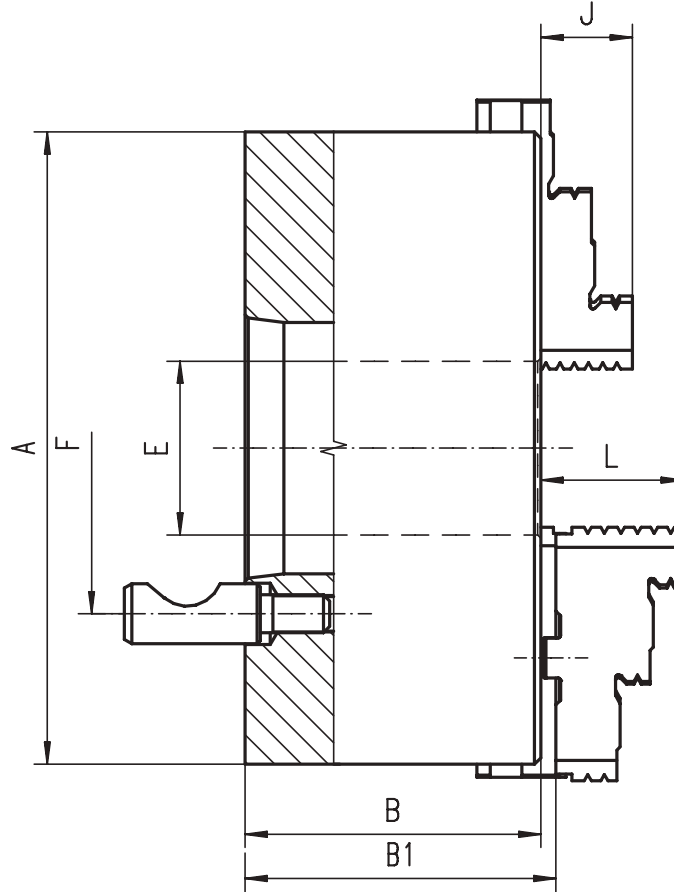


1 Set of hard solid OD jaws



1 Wrench + 1 Hex key

■ Precision Models Available Upon Request



- Hardened and ground working surfaces
- Balanced scroll plate
- Chucks ø20" and above have additional T-slots

3545



Standard accessories



1 Set of hard top jaws



1 Set of hard master jaws



1 Wrench + 1 Hex key

| Code No.   | Type        | A<br>[in] | Taper Size | B<br>[in] | B1<br>[in] | E<br>[in] | F<br>[in] | No. of<br>Stud bolts | J<br>[in] | L<br>[in] | Weight<br>[lbs] | Type        | Code No.   |
|------------|-------------|-----------|------------|-----------|------------|-----------|-----------|----------------------|-----------|-----------|-----------------|-------------|------------|
| 7-824-0533 | 3544-5"-3   | 4.92      | 3          | 2.34      | 2.55       | 1.26      | 2.78      | 3                    | 0.79      | 1.57      | 11.02           | 3545-5"-3   | 7-823-0533 |
| 7-824-0534 | 3544-5"-4   | 4.92      | 4          | 2.34      | 2.55       | 1.26      | 3.25      | 3                    | 0.79      | 1.57      | 11.02           | 3545-5"-4   | 7-823-0534 |
| 7-824-0633 | 3544-6"-3   | 6.30      | 3          | 2.68      | 2.87       | 1.65      | 2.78      | 3                    | 1.26      | 1.69      | 19.84           | 3545-6"-3   | 7-823-0633 |
| 7-824-0634 | 3544-6"-4   | 6.30      | 4          | 2.68      | 2.87       | 1.65      | 3.25      | 3                    | 1.26      | 1.69      | 19.84           | 3545-6"-4   | 7-823-0634 |
| 7-824-0635 | 3544-6"-5   | 6.30      | 5          | 2.68      | 2.87       | 1.65      | 4.13      | 6                    | 1.26      | 1.69      | 19.84           | 3545-6"-5   | 7-823-0635 |
| 7-824-0834 | 3544-8"-4   | 7.87      | 4          | 3.07      | 3.26       | 2.17      | 3.25      | 3                    | 1.14      | 1.77      | 41.89           | 3545-8"-4   | 7-823-0834 |
| 7-824-0835 | 3544-8"-5   | 7.87      | 5          | 3.07      | 3.26       | 2.17      | 4.13      | 6                    | 1.14      | 1.77      | 41.89           | 3545-8"-5   | 7-823-0835 |
| 7-824-0836 | 3544-8"-6   | 7.87      | 6          | 3.07      | 3.26       | 2.17      | 5.25      | 6                    | 1.14      | 1.77      | 41.89           | 3545-8"-6   | 7-823-0836 |
| 7-824-1036 | 3544-10"-6  | 9.84      | 6          | 3.50      | 3.65       | 2.99      | 5.25      | 6                    | 1.34      | 2.09      | 70.55           | 3545-10"-6  | 7-823-1036 |
| 7-824-1038 | 3544-10"-8  | 9.84      | 8          | 3.50      | 3.65       | 2.99      | 6.75      | 6                    | 1.34      | 2.09      | 70.55           | 3545-10"-8  | 7-823-1038 |
| 7-824-1236 | 3544-12"-6  | 12.40     | 6          | 3.79      | 3.99       | 4.06      | 5.25      | 6                    | 1.69      | 2.24      | 112.44          | 3545-12"-6  | 7-823-1236 |
| 7-824-1238 | 3544-12"-8  | 12.40     | 8          | 3.79      | 3.99       | 4.06      | 6.75      | 6                    | 1.69      | 2.24      | 112.44          | 3545-12"-8  | 7-823-1238 |
| 7-824-1239 | 3544-12"-11 | 12.40     | 11         | 4.40      | 4.60       | 4.06      | 9.25      | 6                    | 1.69      | 2.24      | 112.44          | 3545-12"-11 | 7-823-1239 |
| 7-824-1638 | 3544-16"-8  | 15.75     | 8          | 4.25      | 4.60       | 5.35      | 6.75      | 6                    | 2.17      | 2.64      | 222.67          | 3545-16"-8  | 7-823-1638 |
| 7-824-1639 | 3544-16"-11 | 15.75     | 11         | 4.25      | 4.60       | 5.35      | 9.25      | 6                    | 2.17      | 2.64      | 222.67          | 3545-16"-11 | 7-823-1639 |
| 7-824-2038 | 3544-20"-8  | 19.69     | 8          | 4.69      | 5.11       | 5.35      | 6.75      | 6                    | 2.36      | 3.11      | 330.69          | 3545-20"-8  | 7-823-2038 |
| 7-824-2039 | 3544-20"-11 | 19.69     | 11         | 4.69      | 5.11       | 7.48      | 9.25      | 6                    | 2.36      | 3.11      | 330.69          | 3545-20"-11 | 7-823-2039 |
| 7-824-2538 | 3544-25"-8  | 24.80     | 8          | 5.08      | 5.52       | 5.35      | 6.75      | 6                    | 2.76      | 3.43      | 604.07          | 3545-25"-8  | 7-823-2538 |
| 7-824-2539 | 3544-25"-11 | 24.80     | 11         | 5.08      | 5.52       | 7.48      | 9.25      | 6                    | 2.76      | 3.43      | 604.07          | 3545-25"-11 | 7-823-2539 |
| 7-824-2540 | 3544-25"-15 | 24.80     | 15         | 5.08      | 5.52       | 9.92      | 13.00     | 6                    | 2.76      | 3.43      | 604.07          | 3545-25"-15 | 7-823-2540 |

- D-TYPE DIRECT MOUNT
- CAST IRON BODY



3244



Standard accessories



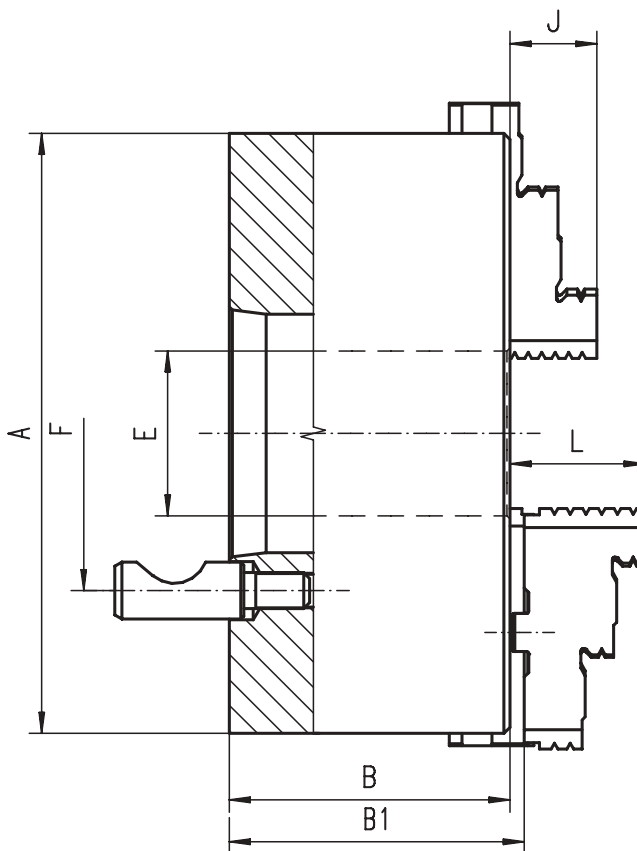
1 Set of hard solid ID jaws



1 Set of hard solid OD jaws



1 Wrench + 1 Hex key



■ Ground working surfaces

3245



Standard accessories



1 Set of hard top jaws



1 Set of hard master jaws



1 Wrench + 1 Hex key

| Code No.   | Type        | A<br>[in] | Taper<br>Size | B<br>[in] | B1<br>[in] | E<br>[in] | F<br>[in] | No. of<br>Stud bolts | J<br>[in] | L<br>[in] | Weight<br>[lbs] |
|------------|-------------|-----------|---------------|-----------|------------|-----------|-----------|----------------------|-----------|-----------|-----------------|
| 7-809-0433 | 3244-4"-3   | 3.94      | 3             | 3.15      | -          | 0.79      | 2.78      | 3                    | 0.63      | -         | 6.61            |
| 7-809-0533 | 3244-5"-3   | 4.92      | 3             | 2.76      | 2.94       | 1.26      | 2.78      | 3                    | 0.79      | 1.57      | 11.02           |
| 7-809-0534 | 3244-5"-4   | 4.92      | 4             | 2.76      | 2.94       | 1.26      | 3.25      | 3                    | 0.79      | 1.57      | 11.02           |
| 7-809-0633 | 3244-6"-3   | 6.30      | 3             | 3.21      | 3.40       | 1.65      | 2.78      | 3                    | 1.26      | 1.69      | 19.84           |
| 7-809-0634 | 3244-6"-4   | 6.30      | 4             | 3.21      | 3.40       | 1.65      | 3.25      | 3                    | 1.26      | 1.69      | 19.84           |
| 7-809-0635 | 3244-6"-5   | 6.30      | 5             | 3.21      | 3.40       | 1.65      | 4.13      | 6                    | 1.26      | 1.69      | 19.84           |
| 7-809-0833 | 3244-8"-3   | 6.30      | 3             | 3.21      | 3.40       | 1.65      | 2.78      | 3                    | 1.26      | 1.69      | 19.84           |
| 7-809-0834 | 3244-8"-4   | 7.87      | 4             | 3.58      | 3.77       | 2.03      | 3.25      | 3                    | 1.14      | 1.77      | 41.89           |
| 7-809-0835 | 3244-8"-5   | 7.87      | 5             | 3.58      | 3.77       | 2.17      | 4.13      | 6                    | 1.14      | 1.77      | 41.89           |
| 7-809-0836 | 3244-8"-6   | 7.87      | 6             | 3.58      | 3.77       | 2.17      | 5.25      | 6                    | 1.14      | 1.77      | 41.89           |
| 7-809-1035 | 3244-10"-5  | 9.84      | 5             | 4.07      | 4.22       | 2.99      | 4.13      | 6                    | 1.34      | 2.09      | 70.55           |
| 7-809-1036 | 3244-10"-6  | 9.84      | 6             | 4.07      | 4.22       | 2.99      | 5.25      | 6                    | 1.34      | 2.09      | 70.55           |
| 7-809-1038 | 3244-10"-8  | 9.84      | 8             | 4.07      | 4.22       | 2.99      | 6.75      | 6                    | 1.34      | 2.09      | 70.55           |
| 7-809-1236 | 3244-12"-6  | 12.40     | 6             | 4.63      | 4.83       | 4.06      | 5.25      | 6                    | 1.69      | 2.24      | 112.44          |
| 7-809-1238 | 3244-12"-8  | 12.40     | 8             | 4.63      | 4.83       | 4.06      | 6.75      | 6                    | 1.69      | 2.24      | 112.44          |
| 7-809-1239 | 3244-12"-11 | 12.40     | 11            | 4.92      | 5.12       | 4.06      | 9.25      | 6                    | 1.69      | 2.24      | 112.44          |
| 7-809-1636 | 3244-16"-6  | 15.75     | 6             | 5.06      | 5.41       | 4.06      | 5.25      | 6                    | 2.17      | 2.64      | 222.67          |
| 7-809-1638 | 3244-16"-8  | 15.75     | 8             | 5.06      | 5.41       | 5.35      | 6.75      | 6                    | 2.17      | 2.64      | 222.67          |
| 7-809-1639 | 3244-16"-11 | 15.75     | 11            | 5.06      | 5.41       | 5.35      | 9.25      | 6                    | 2.17      | 2.64      | 222.67          |
| 7-809-2038 | 3244-20"-8  | 19.69     | 8             | 5.75      | 6.17       | 5.35      | 6.75      | 6                    | 2.36      | 3.11      | 330.69          |
| 7-809-2039 | 3244-20"-11 | 19.69     | 11            | 5.75      | 6.17       | 7.48      | 9.25      | 6                    | 2.36      | 3.11      | 330.69          |
| 7-809-2539 | 3244-25"-11 | 24.80     | 11            | 6.50      | 6.94       | 7.48      | 9.25      | 6                    | 2.76      | 3.43      | 604.07          |
| 7-809-2540 | 3244-25"-15 | 24.80     | 15            | 6.50      | 6.94       | 9.92      | 13.00     | 6                    | 2.76      | 3.43      | 604.07          |

| Type        | Code No.   |
|-------------|------------|
| -           | -          |
| 3245-5"-3   | 7-803-0533 |
| 3245-5"-4   | 7-803-0534 |
| 3245-6"-3   | 7-803-0633 |
| 3245-6"-4   | 7-803-0634 |
| 3245-6"-5   | 7-803-0635 |
| 3245-8"-3   | 7-803-0833 |
| 3245-8"-4   | 7-803-0834 |
| 3245-8"-5   | 7-803-0835 |
| 3245-8"-6   | 7-803-0836 |
| 3245-10"-5  | 7-803-1035 |
| 3245-10"-6  | 7-803-1036 |
| 3245-10"-8  | 7-803-1038 |
| 3245-12"-6  | 7-803-1236 |
| 3245-12"-8  | 7-803-1238 |
| 3245-12"-11 | 7-803-1239 |
| 3245-16"-6  | 7-803-1636 |
| 3245-16"-8  | 7-803-1638 |
| 3245-16"-11 | 7-803-1639 |
| 3245-20"-8  | 7-803-2038 |
| 3245-20"-11 | 7-803-2039 |
| 3245-25"-11 | 7-803-2539 |
| 3245-25"-15 | 7-803-2540 |



# 3-JAW SELF-CENTERING SCROLL CHUCKS

- FRONT MOUNT PLAIN BACK
- FORGED STEEL BODY



■ Precision Models Available Upon Request

3574



Standard accessories



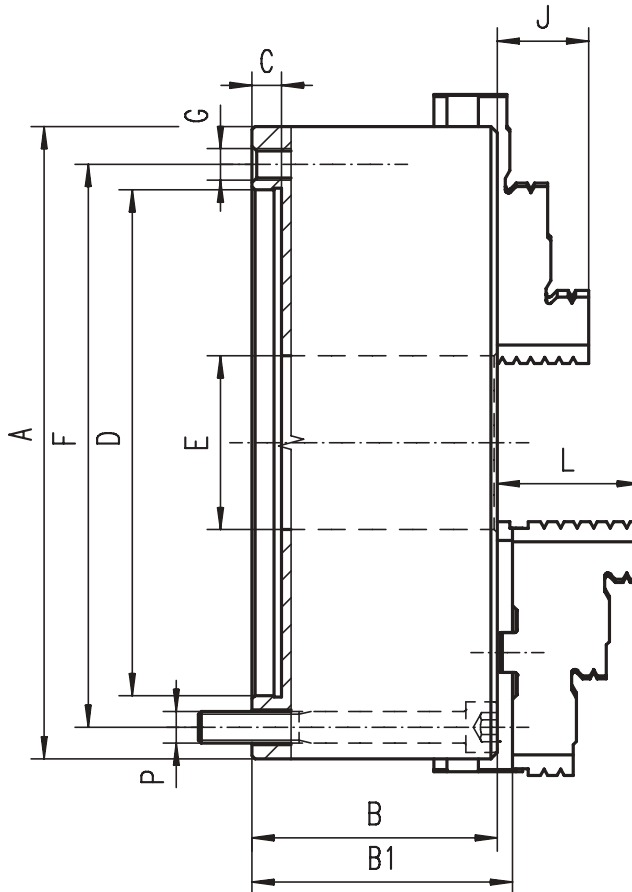
1 Set of hard solid ID jaws



1 Set of hard solid OD jaws



1 Wrench + 1 Hex key



3575



Standard accessories



1 Set of hard top jaws



1 Set of hard master jaws



1 Wrench + 1 Hex key

- Hardened and ground working surfaces
- Balanced scroll plate
- Chucks  $\varnothing 20"$  and above have additional T-slots
- Flexible mounting system: mounting from the back or front of the chuck by use of an adapter plate

| Code No.   | Type     | A<br>[in] | B<br>[in] | B1<br>[in] | C<br>[in] | D H7<br>[in] | E<br>[in] | F<br>[in] | G     | J<br>[in] | L<br>[in] | 3574  | 3575       | Weight<br>[lbs] | Type     | Code No.   |
|------------|----------|-----------|-----------|------------|-----------|--------------|-----------|-----------|-------|-----------|-----------|-------|------------|-----------------|----------|------------|
|            |          |           |           |            |           |              |           |           |       |           |           | P     |            |                 |          |            |
| 7-817-0300 | 3574-3"  | 3.15      | 1.73      | -          | 0.12      | 2.20         | 0.63      | 2.64      | 3xM6  | 0.51      | -         | 3xM6  | 3x 1/4-20  | 3.31            | -        | -          |
| 7-817-0400 | 3574-4"  | 3.94      | 1.97      | -          | 0.12      | 2.76         | 0.79      | 3.27      | 3xM8  | 0.63      | -         | 3xM8  | 3x 5/16-18 | 6.17            | -        | -          |
| 7-817-0500 | 3574-5"  | 4.92      | 2.34      | 2.53       | 0.16      | 3.74         | 1.40      | 4.25      | 3xM8  | 0.79      | 1.57      | 3xM8  | 3x 5/16-18 | 11.02           | 3575-5"  | 7-813-0500 |
| 7-817-0600 | 3574-6"  | 6.30      | 2.68      | 2.87       | 0.16      | 4.92         | 1.65      | 5.51      | 3xM10 | 1.26      | 1.69      | 3xM10 | 3x 3/8-16  | 22.05           | 3575-6"  | 7-813-0600 |
| 7-817-0800 | 3574-8"  | 7.87      | 3.07      | 3.26       | 0.16      | 6.30         | 2.17      | 6.93      | 3xM10 | 1.14      | 1.77      | 3xM10 | 3x 3/8-16  | 38.58           | 3575-8"  | 7-813-0800 |
| 7-817-1000 | 3574-10" | 9.84      | 3.50      | 3.65       | 0.20      | 7.87         | 2.99      | 8.82      | 3xM12 | 1.34      | 2.09      | 3xM12 | 3x 1/2-13  | 63.93           | 3575-10" | 7-813-1000 |
| 7-817-1200 | 3574-12" | 12.40     | 3.83      | 3.99       | 0.20      | 10.24        | 4.06      | 11.26     | 3xM16 | 1.69      | 2.24      | 3xM16 | 3x 5/8-11  | 110.23          | 3575-12" | 7-813-1200 |
| 7-817-1600 | 3574-16" | 15.75     | 4.29      | 4.60       | 0.20      | 12.99        | 5.35      | 14.25     | 3xM16 | 2.17      | 2.64      | 3xM16 | 3x 5/8-11  | 187.39          | 3575-16" | 7-813-1600 |
| 7-817-2000 | 3574-20" | 19.69     | 4.69      | 5.11       | 0.20      | 16.54        | 7.48      | 18.03     | 6xM16 | 2.36      | 3.11      | 6xM16 | 6x 5/8-11  | 319.67          | 3575-20" | 7-813-2000 |
| 7-817-2500 | 3574-25" | 24.80     | 5.08      | 5.52       | 0.28      | 21.46        | 9.92      | 23.07     | 6xM16 | 2.76      | 3.43      | 6xM16 | 6x 5/8-11  | 551.16          | 3575-25" | 7-813-2500 |

- FRONT MOUNT PLAIN BACK
- CAST IRON BODY



3274



Standard accessories



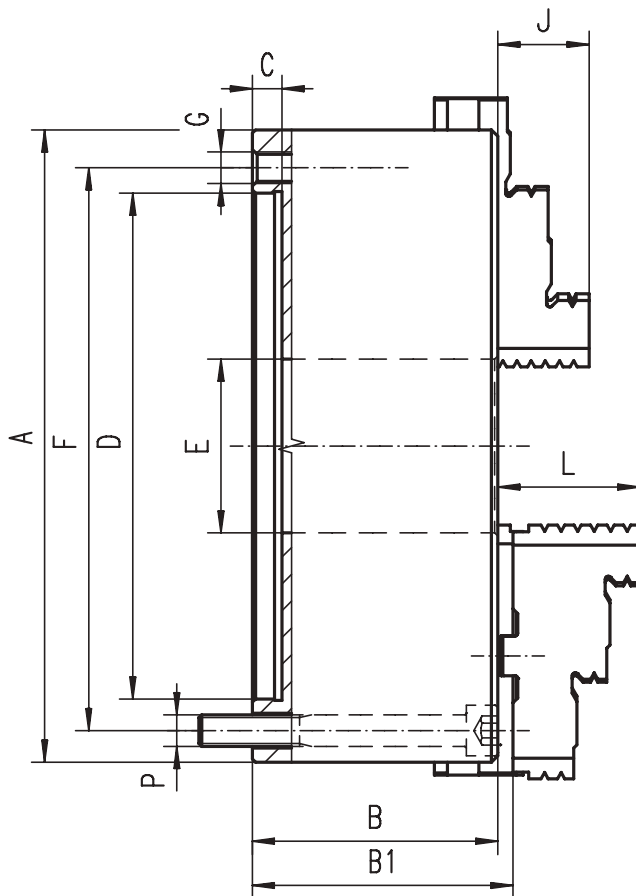
1 Set of hard solid ID jaws



1 Set of hard solid OD jaws



1 Wrench + 1 Hex key



3275



Standard accessories



1 Set of hard top jaws



1 Set of hard master jaws



1 Wrench + 1 Hex key

- Ground working surfaces
- Flexible mounting system: mounting from the back or front of the chuck by use of an adapter plate

| Code No.   | Type     | A<br>[in] | B<br>[in] | B1<br>[in] | C<br>[in] | D H7<br>[in] | E<br>[in] | F<br>[in] | G     | J<br>[in] | L<br>[in] | P          | Weight<br>[lbs] | Type     | Code No.   |
|------------|----------|-----------|-----------|------------|-----------|--------------|-----------|-----------|-------|-----------|-----------|------------|-----------------|----------|------------|
| 7-811-0300 | 3274-3"  | 3.15      | 1.73      | -          | 0.12      | 2.20         | 0.63      | 2.64      | 3xM6  | 0.51      | -         | 3x 1/4-20  | 3.31            | -        | -          |
| 7-811-0400 | 3274-4"  | 3.94      | 1.97      | -          | 0.12      | 2.76         | 0.79      | 3.27      | 3xM8  | 0.63      | -         | 3x 5/16-18 | 6.17            | -        | -          |
| 7-811-0500 | 3274-5"  | 4.92      | 2.20      | 2.39       | 0.16      | 3.74         | 1.26      | 4.25      | 3xM8  | 0.79      | 1.57      | 3x 5/16-18 | 11.02           | 3275-5"  | 7-812-0500 |
| 7-811-0600 | 3274-6"  | 6.30      | 2.54      | 2.73       | 0.16      | 4.92         | 1.65      | 5.51      | 3xM10 | 1.26      | 1.69      | 3x 3/8-16  | 22.05           | 3275-6"  | 7-812-0600 |
| 7-811-0800 | 3274-8"  | 7.87      | 2.95      | 3.14       | 0.16      | 6.30         | 2.17      | 6.93      | 3xM10 | 1.14      | 1.77      | 3x 3/8-16  | 38.58           | 3275-8"  | 7-812-0800 |
| 7-811-1000 | 3274-10" | 9.84      | 3.35      | 3.50       | 0.20      | 7.87         | 2.99      | 8.82      | 3xM12 | 1.34      | 2.09      | 3x 1/2-13  | 63.93           | 3275-10" | 7-812-1000 |
| 7-811-1200 | 3274-12" | 12.40     | 3.70      | 3.90       | 0.20      | 10.24        | 4.06      | 11.26     | 3xM16 | 1.69      | 2.24      | 3x 5/8-11  | 110.23          | 3275-12" | 7-812-1200 |
| 7-811-1600 | 3274-16" | 15.75     | 4.13      | 4.48       | 0.20      | 12.99        | 5.35      | 14.25     | 3xM16 | 2.17      | 2.64      | 3x 5/8-11  | 187.39          | 3275-16" | 7-812-1600 |
| 7-811-2000 | 3274-20" | 19.69     | 4.72      | 5.15       | 0.20      | 16.54        | 7.48      | 18.03     | 6xM16 | 2.36      | 3.11      | 6x 5/8-11  | 319.67          | 3275-20" | 7-812-2000 |
| 7-811-2500 | 3274-25" | 24.80     | 5.31      | 5.76       | 0.28      | 21.46        | 9.92      | 23.07     | 6xM16 | 2.76      | 3.43      | 6x 5/8-11  | 551.16          | 3275-25" | 7-812-2500 |



# 3-JAW SELF-CENTERING SCROLL CHUCKS

- L-TYPE DIRECT MOUNT
- CAST IRON BODY



3255



Standard accessories



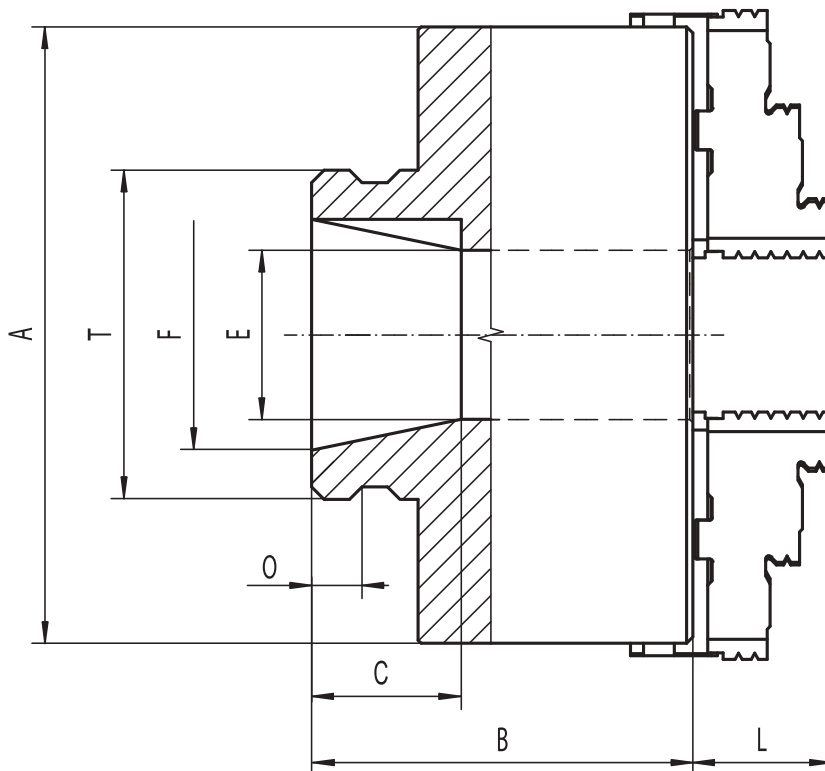
1 Set of hard top jaws



1 Set of hard master jaws



1 Wrench + 1 Hex key



- Hardened and ground working surfaces
- Balanced scroll plate

| Code No.   | Type        | A<br>[in] | Taper size | B<br>[in] | C<br>[in] | E<br>[in] | E max<br>[in] | F<br>[in] | L<br>[in] | O<br>[in] | T<br>[in] | Weight<br>[lbs] |
|------------|-------------|-----------|------------|-----------|-----------|-----------|---------------|-----------|-----------|-----------|-----------|-----------------|
| 7-804-0641 | 3255-6" L00 | 6.30      | L00        | 4.06      | 2.13      | 1.65      | 1.81          | 2-3/4     | 1.69      | 0.55      | 3-3/4 - 6 | 23              |
| 7-804-0642 | 3255-6" L0  | 6.30      | L0         | 4.45      | 2.52      | 1.65      | 1.81          | 3-1/4     | 1.69      | 0.59      | 4-1/2 - 6 | 23              |
| 7-804-0841 | 3255-8" L00 | 7.87      | L00        | 4.37      | 2.13      | 2.17      | 2.50          | 2-3/4     | 1.77      | 0.55      | 3-3/4 - 6 | 42              |
| 7-804-0842 | 3255-8" L0  | 7.87      | L0         | 4.76      | 2.52      | 2.17      | 2.56          | 3-1/4     | 1.77      | 0.59      | 4-1/2 - 6 | 42              |
| 7-804-0843 | 3255-8" L1  | 7.87      | L1         | 5.24      | 2.99      | 2.17      | 2.56          | 4-1/8     | 1.77      | 0.63      | 6 - 6     | 42              |
| 7-804-1042 | 3255-10 L0  | 9.84      | L0         | 5.04      | 2.52      | 2.99      | 2.99          | 3-1/4     | 2.09      | 0.59      | 4-1/2 - 6 | 64              |
| 7-804-1043 | 3255-10" L1 | 9.84      | L1         | 5.51      | 2.99      | 2.99      | 3.46          | 4-1/8     | 2.09      | 0.63      | 6 - 6     | 64              |
| 7-804-1044 | 3255-10" L2 | 9.84      | L2         | 6.02      | 3.50      | 2.99      | 3.46          | 5-1/4     | 2.09      | 0.87      | 7-3/4 - 5 | 64              |
| 7-804-1242 | 3255-12" L0 | 12.40     | L0         | 5.39      | 2.52      | 4.06      | 4.06          | 3-1/4     | 2.24      | 0.59      | 4-1/2 - 6 | 134             |
| 7-804-1243 | 3255-12" L1 | 12.40     | L1         | 5.87      | 2.99      | 4.06      | 4.33          | 4-1/8     | 2.24      | 0.63      | 6 - 6     | 134             |
| 7-804-1244 | 3255-12" L2 | 12.40     | L2         | 6.38      | 3.50      | 4.06      | 4.33          | 5-1/4     | 2.24      | 0.87      | 7-3/4 - 5 | 134             |
| 7-804-1643 | 3255-16" L1 | 15.75     | L1         | 6.18      | 2.99      | 4.06      | 4.06          | 4-1/8     | 2.64      | 0.63      | 6 - 6     | 251             |
| 7-804-1644 | 3255-16" L2 | 15.75     | L2         | 6.69      | 3.50      | 4.06      | 4.06          | 5-1/4     | 2.64      | 0.87      | 7-3/4 - 5 | 251             |

- DIRECT THREADED MOUNT
- CAST IRON BODY



3284



Standard accessories



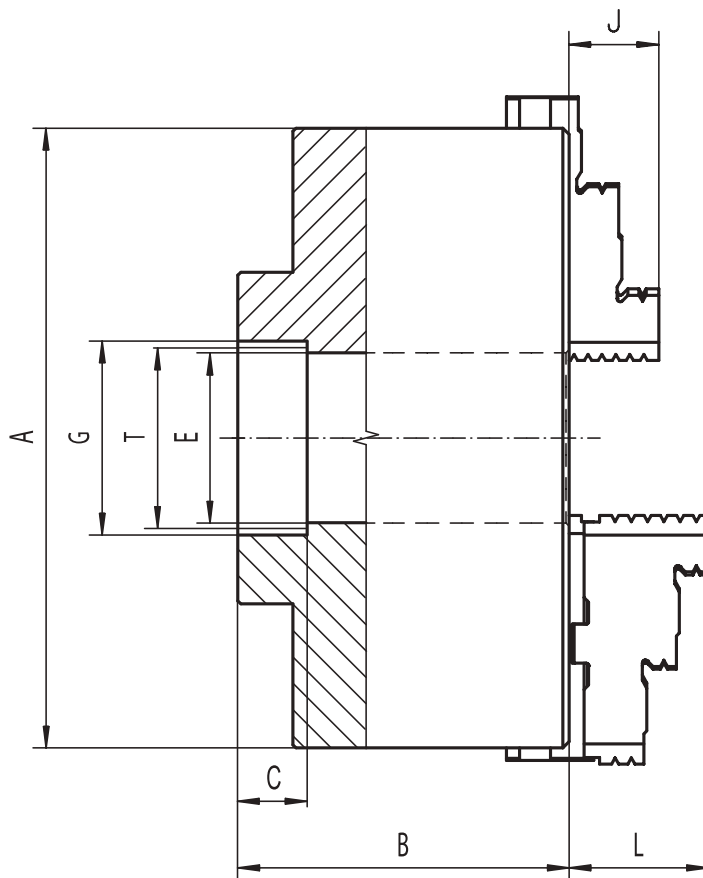
1 Set of hard solid ID jaws



1 Set of hard solid OD jaws



1 Wrench + 1 Hex key



3285



Standard accessories



1 Set of hard top jaws



1 Set of hard master jaws



1 Wrench + 1 Hex key

- Hardened and ground working surfaces
- Balanced scroll plate

| Code No.   | Type             | A<br>[in] | B<br>[in] | C<br>[in] | E<br>[in] | G<br>[in] | J<br>[in] | L<br>[in] | T<br>[in] | Weight<br>[lbs] | Type              | Code No.   |
|------------|------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------------|-------------------|------------|
| 7-805-0451 | 3284-4"-1"-10    | 3.94      | 3.54      | 0.50      | 0.79      | 1.015     | 0.63      | -         | 1 - 10    | 8.8             | -                 | -          |
| 7-805-0452 | 3284-4"-1-1/2"-8 | 3.94      | 3.54      | 0.50      | 0.79      | 1.515     | 0.63      | -         | 1-1/2 - 8 | 8.8             | -                 | -          |
| -          | -                | 4.92      | 3.74      | 0.50      | 1.26      | 1.015     | -         | 1.57      | 1 - 10    | 12.0            | 3285-5"-1"- 10    | 7-805-0551 |
| -          | -                | 4.92      | 3.74      | 0.50      | 1.26      | 1.515     | -         | 1.57      | 1-1/2 - 8 | 12.0            | 3285-5"-1-1/2"-8  | 7-805-0552 |
| -          | -                | 6.30      | 4.13      | 0.50      | 1.65      | 1.515     | -         | 1.69      | 1-1/2 - 8 | 23.0            | 3285-6"-1-1/2"-8  | 7-805-0652 |
| -          | -                | 6.30      | 4.33      | 0.625     | 1.65      | 2.260     | -         | 1.69      | 2-1/4 - 8 | 23.0            | 3285-6"-2-1/4"-8  | 7-805-0653 |
| -          | -                | 7.87      | 4.53      | 0.50      | 2.17      | 1.515     | -         | 1.77      | 1-1/2 - 8 | 45.0            | 3285-8"-1-1/2"-8  | 7-805-0852 |
| -          | -                | 7.87      | 4.72      | 0.625     | 2.17      | 2.260     | -         | 1.77      | 2-1/4 - 8 | 45.0            | 3285-8"-2-1/4"-8  | 7-805-0853 |
| -          | -                | 7.87      | 4.92      | 0.75      | 2.17      | 2.385     | -         | 1.77      | 2-3/8 - 6 | 45.0            | 3285-8"-2-3/8"-6  | 7-805-0854 |
| -          | -                | 9.84      | 5.51      | 0.625     | 2.99      | 2.260     | -         | 2.09      | 2-1/4 - 8 | 75.0            | 3285-10"-2-1/4"-8 | 7-805-1053 |



## 4-JAW SELF-CENTERING SCROLL CHUCKS

- PLAIN BACK MOUNT
- FORGED STEEL BODY



1

2

3

4

5

**3704**

Standard accessories



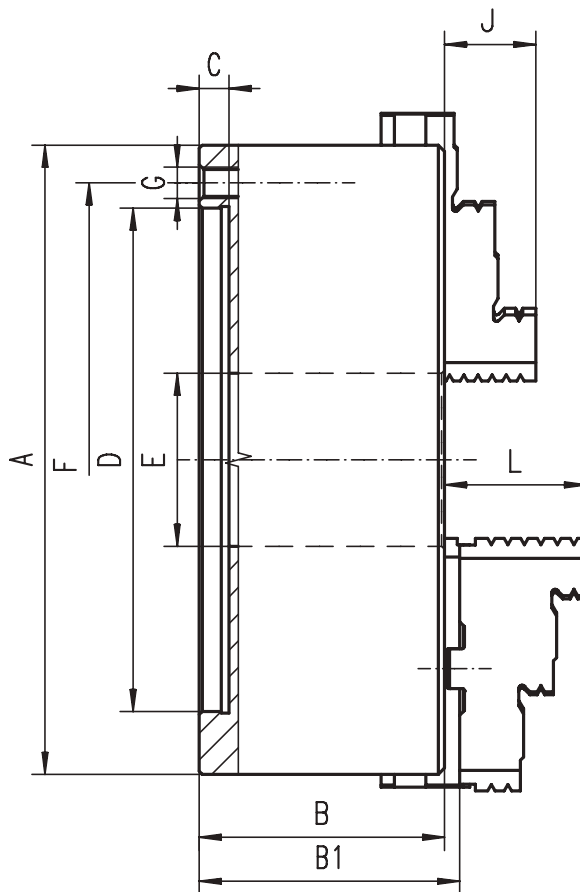
1 Set of hard solid ID jaws



1 Set of hard solid OD jaws



1 Wrench + 1 Hex key

**3705**

Standard accessories



1 Set of hard top jaws



1 Set of hard master jaws



1 Wrench + 1 Hex key

- Hardened and ground working surfaces
- Balanced scroll plate

| Code No.   | Type     | A<br>[in] | B<br>[in] | B1<br>[in] | C<br>[in] | D H7<br>[in] | E<br>[in] | F<br>[in] | G     | J<br>[in] | L<br>[in] | Weight<br>[lbs] | Type     | Code No.   |
|------------|----------|-----------|-----------|------------|-----------|--------------|-----------|-----------|-------|-----------|-----------|-----------------|----------|------------|
| 7-842-0400 | 3704-4"  | 3.94      | 1.97      | -          | 0.12      | 2.76         | 0.79      | 3.27      | 3xM8  | 0.63      | -         | 6.17            | -        | -          |
| 7-842-0500 | 3704-5"  | 4.92      | 2.34      | 2.53       | 0.16      | 3.74         | 1.40      | 4.25      | 3xM8  | 0.79      | 1.57      | 11.02           | 3705-5"  | 7-841-0500 |
| 7-842-0600 | 3704-6"  | 6.30      | 2.68      | 2.87       | 0.16      | 4.92         | 1.65      | 5.51      | 6xM10 | 1.26      | 1.69      | 22.05           | 3705-6"  | 7-841-0600 |
| 7-842-0800 | 3704-8"  | 7.87      | 3.07      | 3.26       | 0.16      | 6.30         | 2.17      | 6.93      | 6xM10 | 1.14      | 1.77      | 38.58           | 3705-8"  | 7-841-0800 |
| 7-842-1000 | 3704-10" | 9.84      | 3.50      | 3.65       | 0.20      | 7.87         | 2.99      | 8.82      | 6xM12 | 1.34      | 2.09      | 63.93           | 3705-10" | 7-841-1000 |
| 7-842-1200 | 3704-12" | 12.40     | 3.83      | 3.99       | 0.20      | 10.24        | 4.06      | 11.26     | 6xM16 | 1.69      | 2.24      | 110.23          | 3705-12" | 7-841-1200 |
| 7-842-1600 | 3704-16" | 15.75     | 4.29      | 4.60       | 0.20      | 12.99        | 5.35      | 14.25     | 6xM16 | 2.17      | 2.64      | 187.39          | 3705-16" | 7-841-1600 |
| 7-842-2000 | 3704-20" | 19.69     | 4.69      | 5.11       | 0.20      | 16.54        | 7.48      | 18.03     | 6xM16 | 2.36      | 3.11      | 319.67          | 3705-20" | 7-841-2000 |
| 7-842-2500 | 3704-25" | 24.80     | 5.08      | 5.52       | 0.28      | 21.46        | 9.92      | 23.07     | 6xM16 | 2.76      | 3.43      | 551.16          | 3705-25" | 7-841-2500 |

- PLAIN BACK MOUNT
- CAST IRON BODY

**3604**



Standard accessories



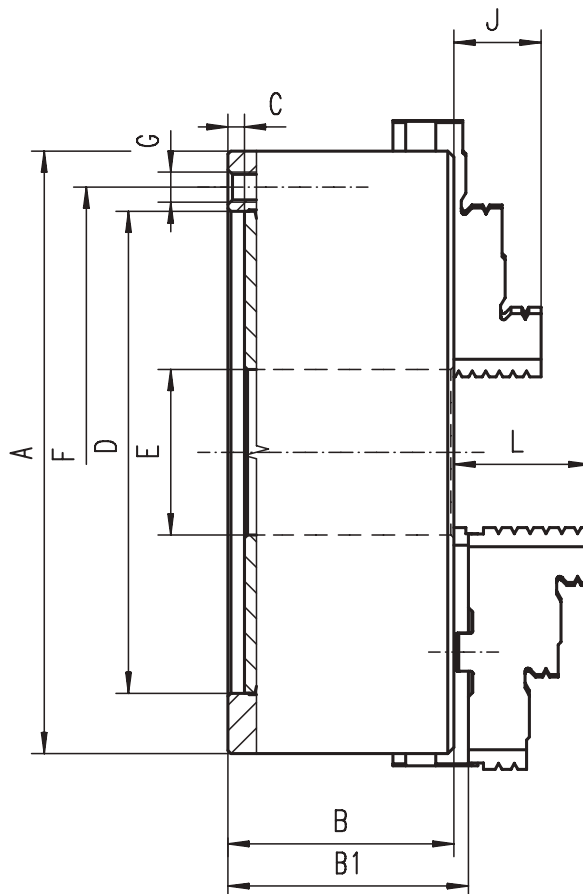
1 Set of hard solid ID jaws



1 Set of hard solid OD jaws



1 Wrench + 1 Hex key



**3605**



Standard accessories



1 Set of hard top jaws



1 Set of hard master jaws



1 Wrench + 1 Hex key

■ Ground working surfaces

| Code No.   | Type     | A<br>[in] | B<br>[in] | B1<br>[in] | C<br>[in] | D H7<br>[in] | E<br>[in] | F<br>[in] | G     | J<br>[in] | L<br>[in] | Weight<br>[lbs] | Type     | Code No.   |
|------------|----------|-----------|-----------|------------|-----------|--------------|-----------|-----------|-------|-----------|-----------|-----------------|----------|------------|
| 7-845-0500 | 3604-5"  | 4.92      | 2.20      | 2.39       | 0.16      | 3.74         | 1.26      | 4.25      | 3xM8  | 0.79      | 1.57      | 11.02           | 3605-5"  | 7-840-0500 |
| 7-845-0600 | 3604-6"  | 6.30      | 2.54      | 2.73       | 0.16      | 4.92         | 1.65      | 5.51      | 6xM10 | 1.26      | 1.69      | 22.05           | 3605-6"  | 7-840-0600 |
| 7-845-0800 | 3604-8"  | 7.87      | 2.95      | 3.14       | 0.16      | 6.30         | 2.17      | 6.93      | 6xM10 | 1.14      | 1.77      | 38.58           | 3605-8"  | 7-840-0800 |
| 7-845-1000 | 3604-10" | 9.84      | 3.35      | 3.50       | 0.20      | 7.87         | 2.99      | 8.82      | 6xM12 | 1.34      | 2.09      | 63.93           | 3605-10" | 7-840-1000 |
| 7-845-1200 | 3604-12" | 12.40     | 3.70      | 3.90       | 0.20      | 10.24        | 4.06      | 11.26     | 6xM16 | 1.69      | 2.24      | 110.23          | 3605-12" | 7-840-1200 |
| 7-845-1600 | 3604-16" | 15.75     | 4.13      | 4.48       | 0.20      | 12.99        | 5.35      | 14.25     | 6xM16 | 2.17      | 2.64      | 187.39          | 3605-16" | 7-840-1600 |
| 7-845-2000 | 3604-20" | 19.69     | 4.72      | 5.15       | 0.20      | 16.54        | 7.48      | 18.03     | 6xM16 | 2.36      | 3.11      | 319.67          | 3605-20" | 7-840-2000 |
| 7-845-2500 | 3604-25" | 24.80     | 5.31      | 5.76       | 0.28      | 21.46        | 9.92      | 23.07     | 6xM16 | 2.76      | 3.43      | 551.16          | 3605-25" | 7-840-2500 |



# 3-JAW SELF-CENTERING SCROLL CHUCKS

- FRONT MOUNT PLAIN BACK
- FORGED STEEL BODY



1

2

3

4

5

3774



Standard accessories



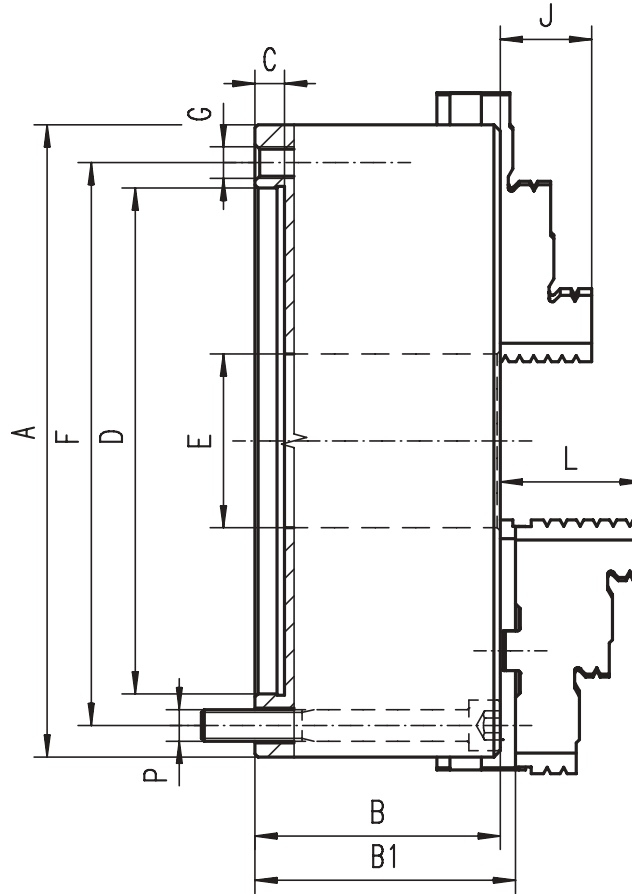
1 Set of hard solid ID jaws



1 Set of hard solid OD jaws



1 Wrench + 1 Hex key



3775



Standard accessories



1 Set of hard top jaws



1 Set of hard master jaws



1 Wrench + 1 Hex key

- Hardened and ground working surfaces
- Balanced scroll plate
- Flexible mounting system: mounting from the back or front of the chuck by use of an adapter plate

| Code No.   | Type     | A     | B    | B1   | C    | D H7  | E    | F     | G     | J    | L    | 3774  | 3775        | Weight<br>[lbs] | Type     | Code No.   |
|------------|----------|-------|------|------|------|-------|------|-------|-------|------|------|-------|-------------|-----------------|----------|------------|
|            |          | [in]  | [in] | [in] | [in] | [in]  | [in] | [in]  |       | [in] | [in] |       | P           |                 |          |            |
| 7-844-0500 | 3774-5"  | 4.92  | 2.34 | 2.53 | 0.16 | 3.74  | 1.40 | 4.25  | 3xM8  | 0.79 | 1.57 | 3xM8  | 3 x 5/16-18 | 11.02           | 3775-5"  | 7-841-1050 |
| 7-844-0600 | 3774-6"  | 6.30  | 2.68 | 2.87 | 0.16 | 4.92  | 1.65 | 5.51  | 3xM10 | 1.26 | 1.69 | 3xM10 | 3 x 3/8-16  | 22.05           | 3775-6"  | 7-841-1060 |
| 7-844-0800 | 3774-8"  | 7.87  | 3.07 | 3.26 | 0.16 | 6.30  | 2.17 | 6.93  | 3xM10 | 1.14 | 1.77 | 3xM10 | 3 x 3/8-16  | 38.58           | 3775-8"  | 7-841-1080 |
| 7-844-1000 | 3774-10" | 9.84  | 3.50 | 3.65 | 0.20 | 7.87  | 2.99 | 8.82  | 3xM12 | 1.34 | 2.09 | 3xM12 | 3 x 1/2-13  | 63.93           | 3775-10" | 7-841-1100 |
| 7-844-1200 | 3774-12" | 12.40 | 3.83 | 3.99 | 0.20 | 10.24 | 4.06 | 11.26 | 3xM16 | 1.69 | 2.24 | 3xM16 | 3 x 5/8-11  | 110.23          | 3775-12" | 7-841-1120 |
| 7-844-1600 | 3774-16" | 15.75 | 4.29 | 4.60 | 0.20 | 12.99 | 5.35 | 14.25 | 3xM16 | 2.17 | 2.64 | 3xM16 | 3 x 5/8-11  | 187.39          | 3775-16" | 7-841-1160 |
| 7-844-2000 | 3774-20" | 19.69 | 4.69 | 5.11 | 0.20 | 16.54 | 7.48 | 18.03 | 6xM16 | 2.36 | 3.11 | 6xM16 | 6 x 5/8-11  | 319.67          | 3775-20" | 7-841-1220 |
| 7-844-2500 | 3774-25" | 24.80 | 5.08 | 5.52 | 0.28 | 21.46 | 9.92 | 23.07 | 6xM16 | 2.76 | 3.43 | 6xM16 | 6 x 5/8-11  | 551.16          | 3775-25" | 7-841-1250 |

- FRONT MOUNT PLAIN BACK
- CAST IRON BODY

3674



Standard accessories



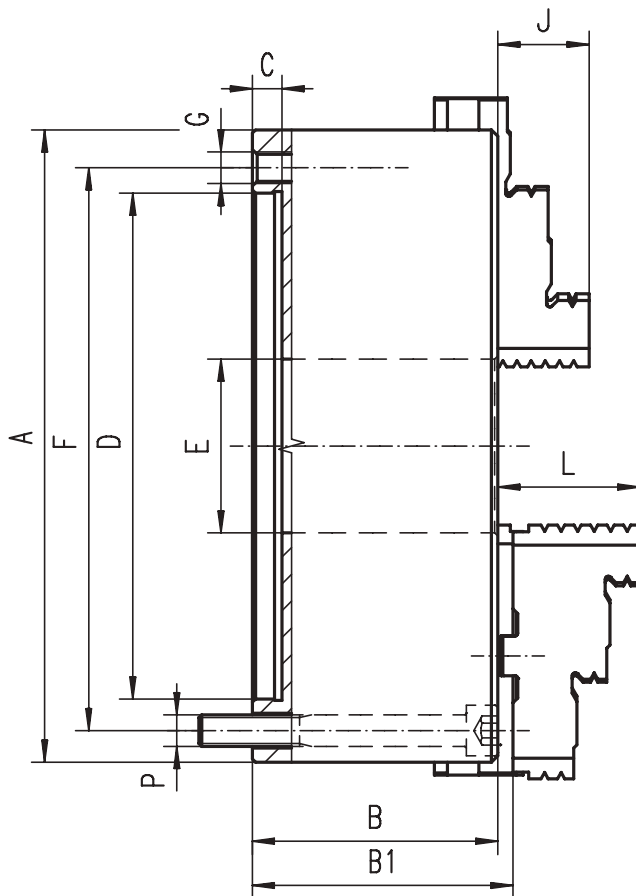
1 Set of hard solid ID jaws



1 Set of hard solid OD jaws



1 Wrench + 1 Hex key



3675



Standard accessories



1 Set of hard top jaws



1 Set of hard master jaws



1 Wrench + 1 Hex key

- Ground working surfaces
- Flexible mounting system: mounting from the back or front of the chuck by use of an adapter plate

| Code No.   | Type     | A     | B    | B1   | C    | D H7  | E    | F     | G     | J    | L    | 3674  | 3675       | Weight<br>[lbs] | Type     | Code No.   |
|------------|----------|-------|------|------|------|-------|------|-------|-------|------|------|-------|------------|-----------------|----------|------------|
|            |          | [in]  | [in] | [in] | [in] | [in]  | [in] | [in]  |       | [in] | [in] |       | P          |                 |          |            |
| 7-815-0500 | 3674-5"  | 4.92  | 2.20 | 2.39 | 0.16 | 3.74  | 1.26 | 4.25  | -     | 0.79 | 1.57 | 3xM8  | 3xM8       | 11.02           | 3675-5"  | 7-814-0500 |
| 7-815-0600 | 3674-6"  | 6.30  | 3.33 | 2.73 | 0.16 | 4.92  | 1.65 | 5.51  | 3xM10 | 1.26 | 1.69 | 3xM10 | 3 x 3/8-16 | 22.05           | 3675-6"  | 7-814-0600 |
| 7-815-0800 | 3674-8"  | 7.87  | 2.95 | 3.14 | 0.16 | 6.30  | 2.17 | 6.93  | 3xM10 | 1.14 | 1.77 | 3xM10 | 3 x 3/8-16 | 38.58           | 3675-8"  | 7-814-0800 |
| 7-815-1000 | 3674-10" | 9.84  | 3.35 | 3.50 | 0.20 | 7.87  | 2.99 | 8.82  | 3xM12 | 1.34 | 2.09 | 3xM12 | 3 x 1/2-13 | 63.93           | 3675-10" | 7-814-1000 |
| 7-815-1200 | 3674-12" | 12.40 | 3.70 | 3.90 | 0.20 | 10.24 | 4.06 | 11.26 | 3xM16 | 1.69 | 2.24 | 3xM16 | 3 x 5/8-11 | 110.23          | 3675-12" | 7-814-1200 |
| 7-815-1600 | 3674-16" | 15.75 | 4.13 | 4.48 | 0.20 | 12.99 | 5.35 | 14.25 | 3xM16 | 2.17 | 2.64 | 3xM16 | 3 x 5/8-11 | 187.39          | 3675-16" | 7-814-1600 |
| 7-815-2000 | 3674-20" | 19.69 | 4.69 | 5.11 | 0.20 | 16.54 | 7.48 | 18.03 | 6xM16 | 2.36 | 3.11 | 6xM16 | 6 x 5/8-11 | 319.67          | 3675-20" | 7-814-2000 |
| 7-815-2500 | 3674-25" | 24.80 | 5.08 | 5.52 | 0.28 | 21.46 | 9.92 | 23.07 | 6xM16 | 2.76 | 3.43 | 6xM16 | 6 x 5/8-11 | 551.16          | 3675-25" | 7-814-2500 |



# 6-JAW SELF-CENTERING SCROLL CHUCKS

- PLAIN BACK MOUNT
- FORGED STEEL BODY



1

2

3

4

5

3806



Standard accessories



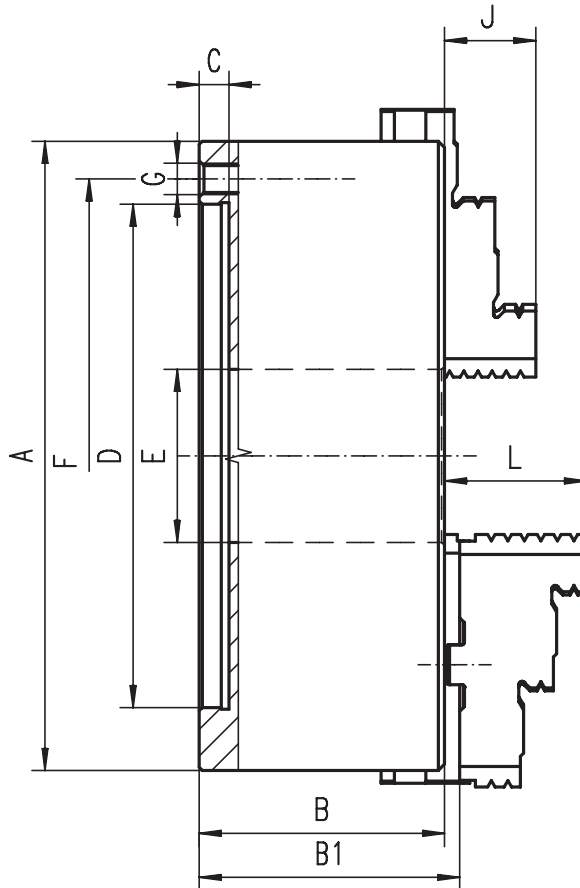
1 Set of hard solid ID jaws



1 Set of hard solid OD jaws



1 Wrench + 1 Hex key



3807



Standard accessories



1 Set of hard top jaws



1 Set of hard master jaws



1 Wrench + 1 Hex key

- Hardened and ground working surfaces
- Balanced scroll plate

| Code No.   | Type     | A<br>[in] | B<br>[in] | B1<br>[in] | C<br>[in] | D H7<br>[in] | E<br>[in] | F<br>[in] | G     | J<br>[in] | L<br>[in] | Weight<br>[lbs] | Type     | Code No.   |
|------------|----------|-----------|-----------|------------|-----------|--------------|-----------|-----------|-------|-----------|-----------|-----------------|----------|------------|
| 7-837-0080 | 3806-8"  | 7.87      | 2.95      | 3.14       | 0.16      | 6.30         | 2.17      | 6.93      | 6xM10 | 1.14      | 1.77      | 38.58           | 3807-8"  | 7-837-1080 |
| 7-837-0100 | 3806-10" | 9.84      | 3.35      | 3.50       | 0.20      | 7.87         | 2.99      | 8.82      | 6xM12 | 1.34      | 2.09      | 63.93           | 3807-10" | 7-837-1100 |
| 7-837-0120 | 3806-12" | 12.40     | 3.70      | 3.90       | 0.20      | 10.24        | 4.06      | 11.26     | 6xM16 | 1.69      | 2.24      | 110.23          | 3807-12" | 7-837-1120 |
| 7-837-0160 | 3806-16" | 15.75     | 4.13      | 4.48       | 0.20      | 12.99        | 5.35      | 14.25     | 6xM16 | 2.17      | 2.64      | 187.39          | 3807-16" | 7-837-1160 |
| 7-837-0200 | 3806-20" | 19.69     | 4.72      | 5.15       | 0.20      | 16.54        | 7.48      | 18.03     | 6xM16 | 2.36      | 3.11      | 319.67          | 3807-20" | 7-837-1200 |
| 7-837-0250 | 3806-25" | 24.80     | 5.31      | 5.76       | 0.28      | 21.46        | 9.92      | 23.07     | 6xM16 | 2.76      | 3.43      | 551.16          | 3807-25" | 7-837-1250 |

- PLAIN BACK MOUNT
- CAST IRON BODY

**3804**



Standard accessories



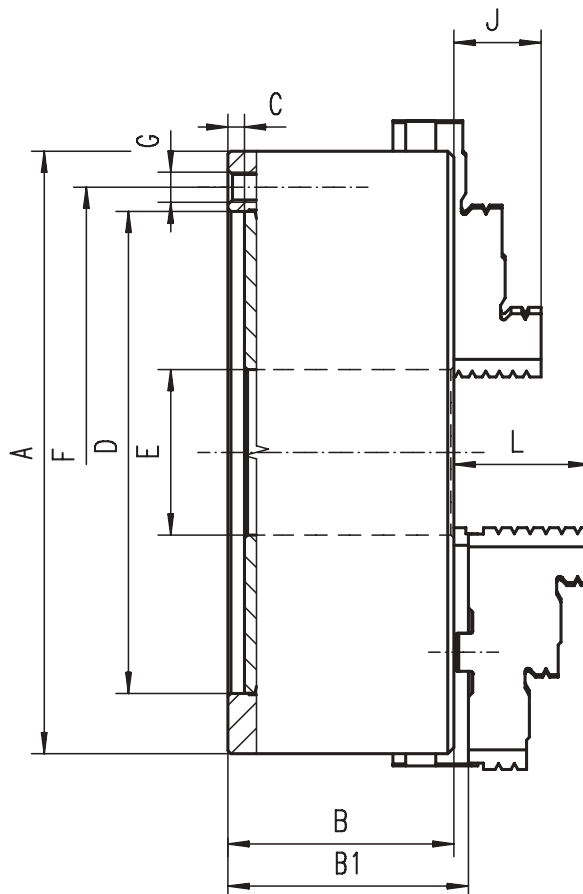
1 Set of hard solid ID jaws



1 Set of hard solid OD jaws



1 Wrench + 1 Hex key



**3805**



Standard accessories



1 Set of hard top jaws



1 Set of hard master jaws



1 Wrench + 1 Hex key

■ Ground working surfaces

| Code No.   | Type     | A<br>[in] | B<br>[in] | B1<br>[in] | C<br>[in] | D H7<br>[in] | E<br>[in] | F<br>[in] | G     | J<br>[in] | L<br>[in] | Weight<br>[lbs] | Type     | Code No.   |
|------------|----------|-----------|-----------|------------|-----------|--------------|-----------|-----------|-------|-----------|-----------|-----------------|----------|------------|
| 7-837-2080 | 3804-8"  | 7.87      | 2.95      | 3.14       | 0.16      | 6.30         | 2.17      | 6.93      | 6xM10 | 1.14      | 1.77      | 38.58           | 3805-8"  | 7-837-3080 |
| 7-837-2100 | 3804-10" | 9.84      | 3.35      | 3.50       | 0.20      | 7.87         | 2.99      | 8.82      | 6xM12 | 1.34      | 2.09      | 63.93           | 3805-10" | 7-837-3100 |
| 7-837-2120 | 3804-12" | 12.40     | 3.70      | 3.90       | 0.20      | 10.24        | 4.06      | 11.26     | 6xM16 | 1.69      | 2.24      | 110.23          | 3805-12" | 7-837-3120 |
| 7-837-2160 | 3804-16" | 15.75     | 4.13      | 4.48       | 0.20      | 12.99        | 5.35      | 14.25     | 6xM16 | 2.17      | 2.64      | 187.39          | 3805-16" | 7-837-3160 |
| 7-837-2200 | 3804-20" | 19.69     | 4.72      | 5.15       | 0.20      | 16.54        | 7.48      | 18.03     | 6xM16 | 2.36      | 3.11      | 319.67          | 3805-20" | 7-837-3200 |
| 7-837-2250 | 3804-25" | 24.80     | 5.31      | 5.76       | 0.28      | 21.46        | 9.92      | 23.07     | 6xM16 | 2.76      | 3.43      | 551.16          | 3805-25" | 7-837-3250 |



# 3-JAW SELF-CENTERING SCROLL CHUCKS

- EXTRA LARGE THROUGH-HOLE
- FORGED STEEL BODY



1

2

3

4

5

3597



Standard accessories



1 Set of hard top jaws



1 Set of soft top jaws

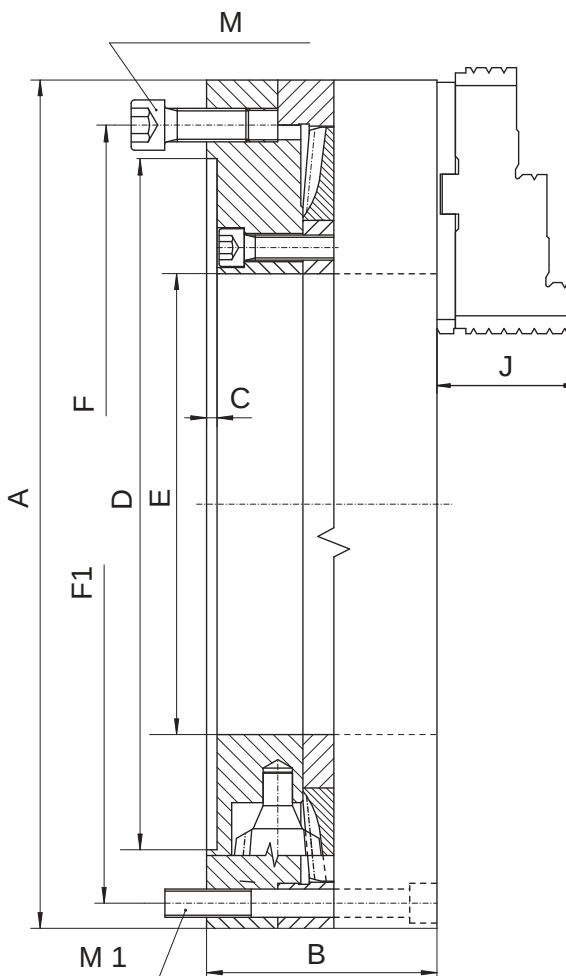


1 Set of hard master jaws



1 Wrench + 1 Hex key

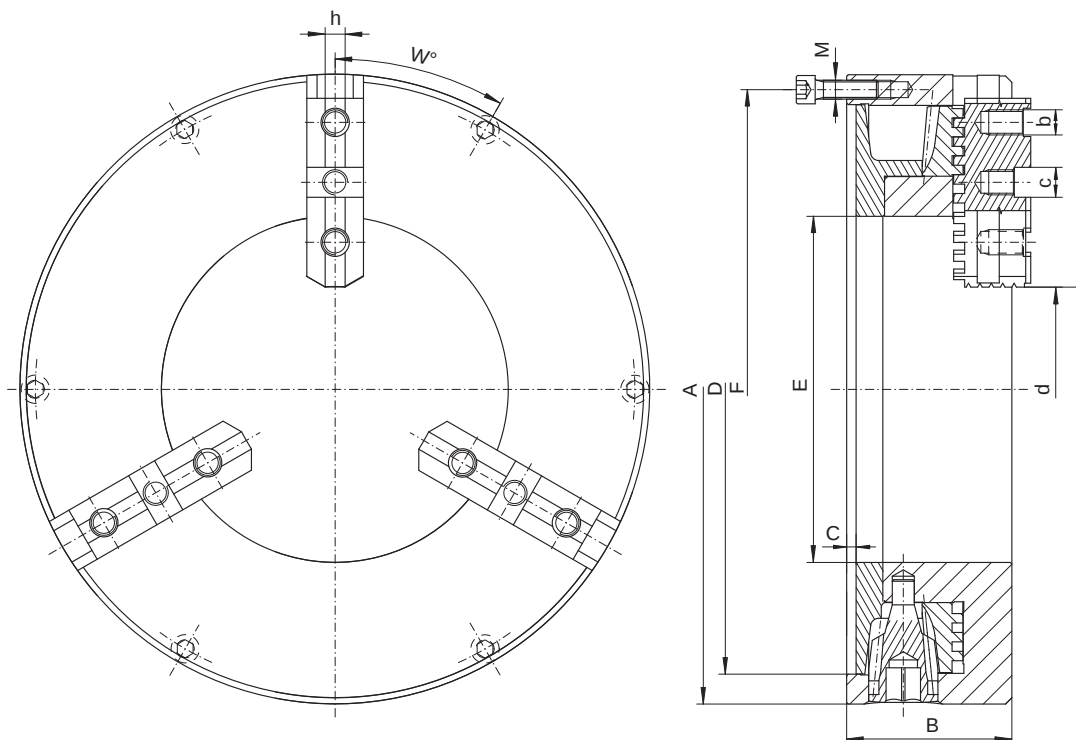
<sup>1)</sup> Soft top jaws not included with 3597-12" and 3597-20"



- BISON OIL COUNTRY CHUCKS with large through-holes are designed for gripping long workpieces or pipes during machining
- Hardened and ground working surfaces
- Balanced scroll plate
- High gripping force
- High accuracy
- Chucks can work individually or in pairs, mounted on opposite sides of the lathe spindle

| Code No.    | Type     | A<br>[in] | B<br>[in] | C<br>[in] | D<br>[in] | E<br>[in] | F<br>[in] | F1<br>[in] | J<br>[in] | M     | M1    | Clamping range<br>[in] | Max. rpm | Weight<br>[lbs] |
|-------------|----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|-----------|-------|-------|------------------------|----------|-----------------|
| 7-819-1200S | 3597-12" | 12.40     | 3.82      | 0.20      | 10.24     | 5.71      | 11.26     | 11.26      | 2.24      | 3xM16 | 3xM16 | 1.57 - 12.40           | 2,500    | 103.62          |
| 7-819-1600S | 3597-16" | 15.94     | 4.33      | 0.20      | 12.99     | 8.66      | 14.25     | 15.00      | 2.64      | 6xM16 | 6xM12 | 5.43 - 15.98           | 1,000    | 160.94          |
| 7-819-2000S | 3597-20" | 20.28     | 4.72      | 0.20      | 16.54     | 12.60     | 18.03     | 18.96      | 3.11      | 6xM16 | 6xM16 | 10.39 - 20.31          | 800      | 264.55          |
| 7-819-2600S | 3597-26" | 25.98     | 5.51      | 0.28      | 21.46     | 15.98     | 23.07     | 24.41      | 3.43      | 6xM16 | 6xM16 | 13.74 - 24.80          | 600      | 507.06          |

- EXTRA LARGE THROUGH-HOLE
- CAST IRON BODY



3295



Standard accessories



1 Set of soft top jaws



1 Set of hard master jaws



1 Wrench + 1 Hex key

- BISON OIL COUNTRY CHUCKS with large through-holes are designed for gripping long workpieces or pipes during machining
- Hardened and ground working surfaces
- High gripping force
- High accuracy
- Chucks can work individually or in pairs, mounted on opposite sides of the lathe spindle

| A<br>[in] | B<br>[in] | C<br>[in] | D<br>[in] | E<br>[in] | F<br>[in] | M     | W   | a<br>[in] | b       | c<br>[in] | h<br>[in] | d<br>Clamping range<br>[in] | Max. rpm | Weight<br>[lbs] | Type     | Code No.   |
|-----------|-----------|-----------|-----------|-----------|-----------|-------|-----|-----------|---------|-----------|-----------|-----------------------------|----------|-----------------|----------|------------|
| 15.75     | 4.13      | 0.24      | 14.25     | 8.66      | 15.00     | 6xM12 | 30° | 4.72      | 5/8"-11 | 0.75      | 0.50      | 5.43 - 10.08                | 500      | 127.21          | 3295-16" | 7-819-1600 |
| 20.00     | 4.72      | 0.31      | 18.19     | 12.60     | 18.96     | 6xM16 | 30° | 4.72      | 3/4"-10 | 0.75      | 0.50      | 9.84 - 14.96                | 350      | 167.11          | 3295-20" | 7-819-2000 |
| 25.98     | 5.31      | 0.55      | 22.83     | 15.98     | 24.41     | 6xM16 | 30° | 5.00      | 3/4"-10 | 0.75      | 0.50      | 14.80 - 19.57               | 250      | 284.18          | 3295-26" | 7-819-2600 |



# 3-JAW SELF-CENTERING SCROLL CHUCKS

- EXTRA HEAVY DUTY WITH LARGE THROUGH-HOLE
- A-TYPE DIRECT MOUNT



3515 HD



Standard accessories



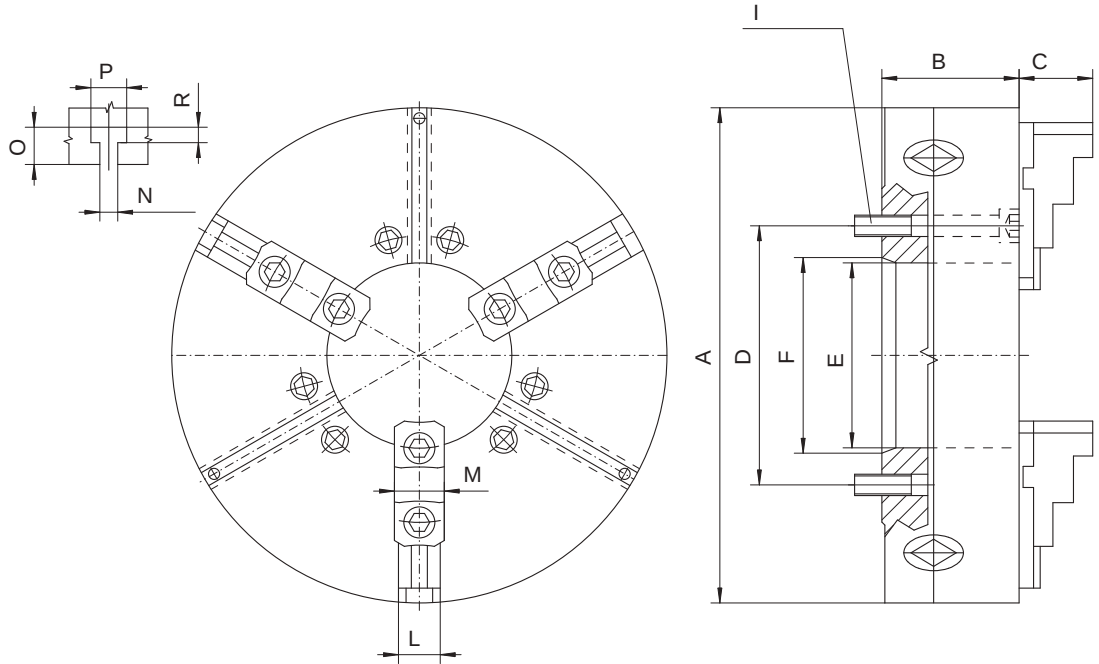
1 Set of hard top jaws



1 Set of hard master jaws



1 Wrench



- BISON OIL COUNTRY CHUCKS HD with large through-holes are designed for gripping long and heavy workpieces or pipes during heavy-duty (HD) machining
- Hardened and ground working surfaces
- Balanced scroll plate
- High gripping force
- High accuracy
- Heavy-duty operations
- Chucks can work individually or in pairs, mounted on opposite sides of the lathe spindle

\* - Indirect mount (chuck provided with a fully machined adapter plate)

| Code No.     | Type                  | A<br>[in] | Taper<br>Size | B<br>[in] | C<br>[in] | D<br>[in] | E<br>[in] | F<br>[in] | I           | L<br>[in] | M<br>[in] | N<br>H10 | O<br>[in] | P<br>[in] | R<br>[in] | Clamping<br>range<br>[in] | Torque<br>on<br>wrench<br>[lb/ft] | Gripping<br>force<br>[lbf] | Max.<br>rpm | Max.<br>workpiece<br>weight<br>[lbs] | Chuck<br>Weight<br>[lbs] |
|--------------|-----------------------|-----------|---------------|-----------|-----------|-----------|-----------|-----------|-------------|-----------|-----------|----------|-----------|-----------|-----------|---------------------------|-----------------------------------|----------------------------|-------------|--------------------------------------|--------------------------|
| 7-825-1606 * | 3515-16"-6-4.0" HD    | 15.75     | 6*            | 4.37      | 3.43      | 5.25      | 4.06      | 4.19      | 8xM12x4.33" | 1.97      | 2.13      | 0.55     | 0.83      | 0.91      | 0.39      | 0.98 - 15.75              | 222                               | 14,840                     | 1,400       | 6,500                                | 224.87                   |
| 7-825-1608 * | 3515-16"-8-5.3" HD    | 15.75     | 8*            | 4.37      | 3.43      | 6.75      | 5.35      | 5.50      | 6xM16x4.33" | 1.97      | 2.13      | 0.55     | 0.83      | 0.91      | 0.39      | 0.98 - 15.75              | 222                               | 14,840                     | 1,400       | 6,500                                | 216.05                   |
| 7-825-1611 * | 3515-16"-11-5" HD     | 15.75     | 11*           | 4.37      | 3.43      | 6.50      | 5.12      | 7.75      | 6xM20x3.94" | 1.97      | 2.13      | 0.55     | 0.83      | 0.91      | 0.39      | 0.98 - 15.75              | 222                               | 14,840                     | 1,400       | 6,500                                | 211.64                   |
| 7-825-2011   | 3515-20"-11-7.5" HD   | 19.69     | 11            | 4.69      | 3.43      | 9.25      | 7.56      | 7.75      | 6xM20x4.72" | 1.97      | 2.13      | 0.55     | 0.83      | 0.91      | 0.39      | 1.77 - 19.69              | 281                               | 17,310                     | 1,000       | 10,400                               | 346.13                   |
| 7-825-2025 * | 3515-20"-15-8" HD     | 19.69     | 15*           | 5.93      | 3.43      | 13.00     | 8.00      | 11.25     | 6xM24x1.97" | 1.97      | 2.13      | 0.55     | 0.83      | 0.91      | 0.39      | 1.77 - 19.69              | 281                               | 17,310                     | 1,000       | 10,400                               | 388.08                   |
| 7-825-2515   | 3515-25"-15-10.75" HD | 24.80     | 15            | 5.67      | 3.64      | 13.00     | 10.83     | 11.25     | 6xM24x5.91" | 2.76      | 2.95      | 0.79     | 1.30      | 1.46      | 0.63      | 3.15 - 24.80              | 296                               | 18,430                     | 850         | 15,600                               | 612.88                   |
| 7-825-2520 * | 3515-25"-20-12.5" HD  | 24.80     | 20*           | 7.09      | 3.64      | 18.25     | 12.55     | 16.25     | 6xM24x2.16" | 2.76      | 2.95      | 0.79     | 1.30      | 1.46      | 0.63      | 6.30 - 24.80              | 296                               | 18,430                     | 850         | 15,600                               | 555.56                   |
| 7-825-3215   | 3515-32"-15-10.75" HD | 31.50     | 15            | 5.91      | 3.64      | 13.00     | 10.75     | 11.25     | 6xM24x5.91" | 2.76      | 2.95      | 0.79     | 1.30      | 1.46      | 0.63      | 5.12 - 31.50              | 435                               | 25,500                     | 600         | 20,800                               | 1,109.0                  |
| 7-825-3220   | 3515-32"-20-12.5" HD  | 31.50     | 20            | 5.91      | 3.64      | 18.25     | 12.55     | 16.25     | 6xM24x5.91" | 2.76      | 2.95      | 0.79     | 1.30      | 1.46      | 0.63      | 7.09 - 31.50              | 435                               | 25,500                     | 600         | 20,800                               | 1,078.0                  |
| 7-825-3222   | 3515-32"-20-14.75" HD | 31.50     | 20            | 5.91      | 3.64      | 18.25     | 14.75     | 16.25     | 6xM24x5.91" | 2.76      | 2.95      | 0.79     | 1.30      | 1.46      | 0.63      | 9.34 - 31.50              | 435                               | 25,500                     | 600         | 20,800                               | 1,078.0                  |

- SELF-CENTERING WITH INDIVIDUAL JAW ADJUSTMENT
- CAST IRON OR FORGED STEEL BODY

4505



Standard accessories



1 Set of solid reversible jaws



1 Wrench + 1 Hex key

■ Cast Iron body material

4705



Standard accessories

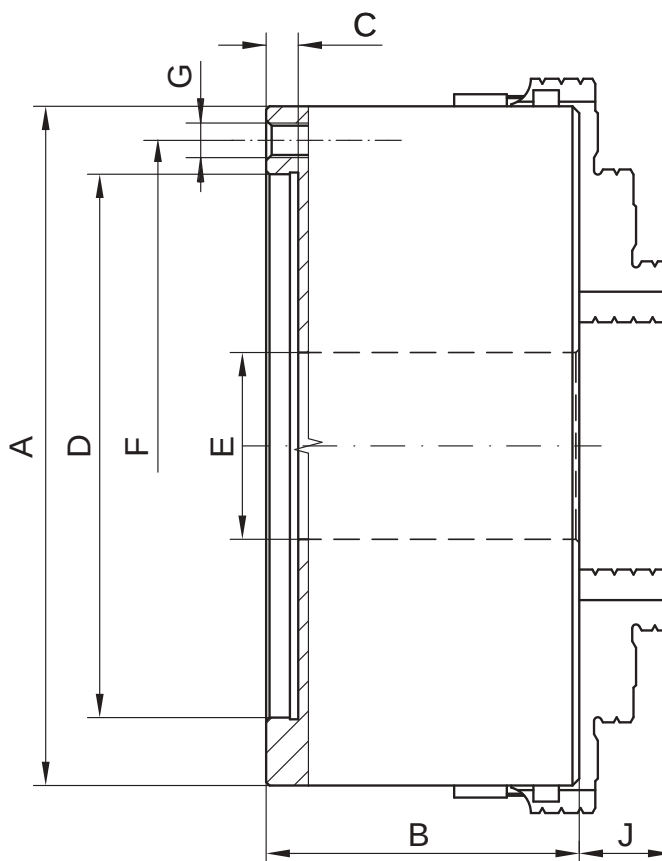


1 Set of solid reversible jaws



1 Wrench + 1 Hex key

■ Forged Steel body material



- Individually adjustable jaws
- Self-centering jaw clamping
- Plain back

| Code No.   | Type     | A<br>[in] | B<br>[in] | C<br>[in] | D<br>[in] | E<br>[in] | F<br>[in] | G     | J<br>[in] | Type     | Code No.   |
|------------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-------|-----------|----------|------------|
| 7-848-0810 | 4505-8"  | 7.87      | 3.78      | 0.20      | 6.30      | 2.17      | 6.93      | 6xM10 | 1.22      | 4705-8"  | 7-849-0810 |
| 7-848-1010 | 4505-10" | 9.84      | 4.02      | 0.24      | 7.87      | 2.99      | 8.82      | 6xM12 | 1.30      | 4705-10" | 7-849-1010 |
| 7-848-1210 | 4505-12" | 12.40     | 4.61      | 0.24      | 10.24     | 4.06      | 11.26     | 6xM16 | 1.63      | 4705-12" | 7-849-1210 |
| 7-848-1610 | 4505-16" | 15.75     | 4.84      | 0.24      | 12.99     | 5.35      | 14.25     | 6xM16 | 2.32      | 4705-16" | 7-849-1610 |
| 7-848-2010 | 4505-20" | 19.69     | 5.71      | 0.31      | 16.54     | 7.48      | 18.03     | 6xM16 | 2.40      | 4705-20" | 7-849-2010 |
| 7-848-2510 | 4505-25" | 24.80     | 6.30      | 0.39      | 21.46     | 9.92      | 23.07     | 6xM16 | 2.83      | 4705-25" | 7-849-2510 |



# 4-JAW SELF-CENTERING COMBINATION CHUCKS

- SELF-CENTERING WITH INDIVIDUAL JAW ADJUSTMENT
- CAST IRON OR FORGED STEEL BODY



1

2

3

4

5

4605



Standard accessories

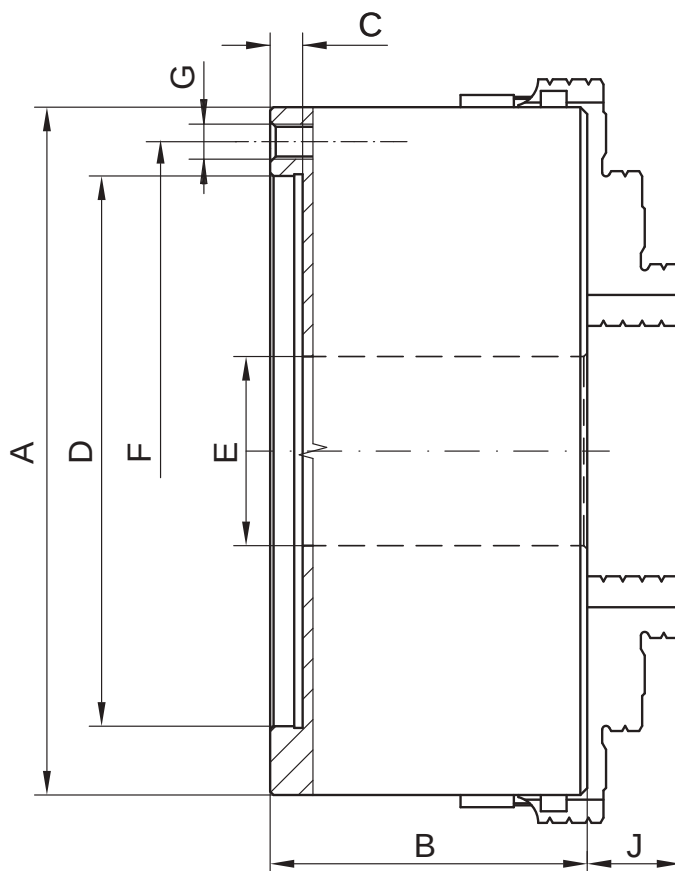


1 Set of solid reversible jaws



1 Wrench + 1 Hex key

■ Cast Iron body material



4805



Standard accessories



1 Set of solid reversible jaws



1 Wrench + 1 Hex key

■ Forged Steel body material

- Individually adjustable jaws
- Self-centering jaw clamping
- Plain back

| Code No.   | Type     | A<br>[in] | B<br>[in] | C<br>[in] | D<br>[in] | E<br>[in] | F<br>[in] | G     | J<br>[in] | Type     | Code No.   |
|------------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-------|-----------|----------|------------|
| 7-848-0500 | 4605-5"  | 4.92      | 2.95      | 0.16      | 3.74      | 1.26      | 4.25      | 3xM8  | 0.79      | -        | -          |
| 7-848-0600 | 4605-6"  | 6.30      | 3.27      | 0.17      | 4.92      | 1.65      | 5.51      | 6xM10 | 0.79      | -        | -          |
| 7-848-0800 | 4605-8"  | 7.87      | 3.78      | 0.20      | 6.30      | 2.17      | 6.93      | 6xM10 | 1.22      | 4805-8"  | 7-849-0800 |
| 7-848-1000 | 4605-10" | 9.84      | 4.02      | 0.24      | 7.87      | 2.99      | 8.82      | 6xM12 | 1.30      | 4805-10" | 7-849-1000 |
| 7-848-1200 | 4605-12" | 12.40     | 4.61      | 0.24      | 10.24     | 4.06      | 11.26     | 6xM16 | 1.63      | 4805-12" | 7-849-1200 |
| 7-848-1600 | 4605-16" | 15.75     | 4.84      | 0.24      | 12.99     | 5.35      | 14.25     | 6xM16 | 2.32      | 4805-16" | 7-849-1600 |
| 7-848-2000 | 4605-20" | 19.69     | 5.71      | 0.31      | 16.54     | 7.48      | 18.03     | 6xM16 | 2.40      | 4805-20" | 7-849-2000 |
| 7-848-2500 | 4605-25" | 24.80     | 6.30      | 0.39      | 21.46     | 9.92      | 23.07     | 6xM16 | 2.83      | 4805-25" | 7-849-2500 |

- EXTRA HIGH GRIPPING FORCE
- HIGH RPM

3474



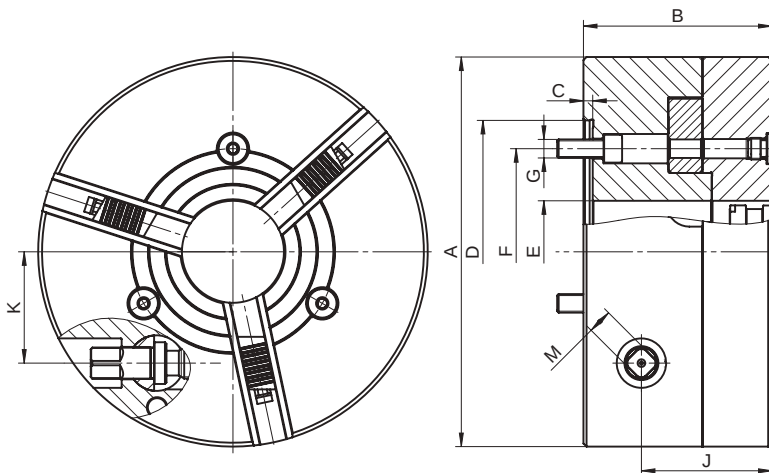
Standard accessories



1 Set of solid reversible jaws



1 Wrench



3475



Standard accessories



1 Set of solid reversible jaws



1 Wrench

- Serration according to Reishauer System (RHU)
- Jaw locking system
- Hardened and ground jaw guides
- Flexible mounting system: mounting from the back or front of the chuck by use of an adapter plate

| Code No.   | Type     | A<br>[in] | B<br>[in] | C<br>[in] | D<br>[in] | E<br>[in] | F<br>[in] | G     | J<br>[in] | K<br>[in] | M<br>[in] | S<br>[in] | Weight<br>[lbs] | Type     | Code No.   |
|------------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-------|-----------|-----------|-----------|-----------|-----------------|----------|------------|
| 7-838-0050 | 3474-5"  | 5.12      | 2.64      | 0.16      | 3.54      | 1.18      | 2.78      | 3xM10 | 2.03      | 1.40      | 0.35      | 0.20      | 12.35           | 3475-5"  | 7-838-1050 |
| 7-838-0060 | 3474-6"  | 6.50      | 3.31      | 0.20      | 4.53      | 1.57      | 3.25      | 3xM10 | 2.56      | 1.79      | 0.43      | 0.20      | 26.01           | 3475-6"  | 7-838-1060 |
| 7-838-0080 | 3474-8"  | 8.07      | 3.82      | 0.20      | 5.51      | 2.01      | 4.13      | 3xM10 | 2.89      | 2.22      | 0.55      | 0.22      | 44.09           | 3475-8"  | 7-838-1080 |
| 7-838-0100 | 3474-10" | 9.92      | 4.41      | 0.24      | 6.69      | 2.60      | 5.25      | 3xM12 | 3.33      | 2.83      | 0.63      | 0.24      | 79.37           | 3475-10" | 7-838-1100 |
| 7-838-0120 | 3474-12" | 12.40     | 5.00      | 0.24      | 8.66      | 3.54      | 6.75      | 3xM16 | 3.76      | 3.46      | 0.71      | 0.36      | 132.28          | 3475-12" | 7-838-1120 |
| 7-838-0160 | 3474-16" | 15.75     | 5.67      | 0.24      | 11.81     | 4.33      | 9.25      | 3xM20 | 4.43      | 4.33      | 0.71      | 0.47      | 235.89          | 3475-16" | 7-838-1160 |
| 7-838-0200 | 3474-20" | 19.69     | 5.67      | 0.24      | 11.81     | 7.48      | 9.25      | 6xM20 | 4.43      | 6.69      | 0.71      | 0.47      | 359.35          | 3475-20" | 7-838-1200 |
| -          | -        | 24.80     | 6.30      | 0.24      | 14.96     | 10.08     | 13.00     | 6xM24 | 4.80      | 8.58      | 0.71      | 0.59      | 648.16          | 3475-25" | 7-838-1250 |



# 3-JAW SELF-CENTERING SCROLL CHUCKS

- SMALL SIZE CHUCKS
- DIRECT THREADED MOUNT



1

2

3

4

5

3286



1 Set of solid reversible jaws



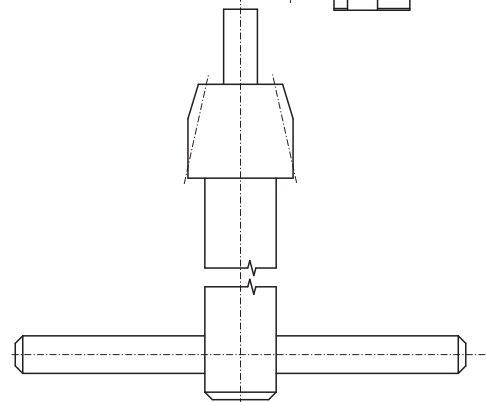
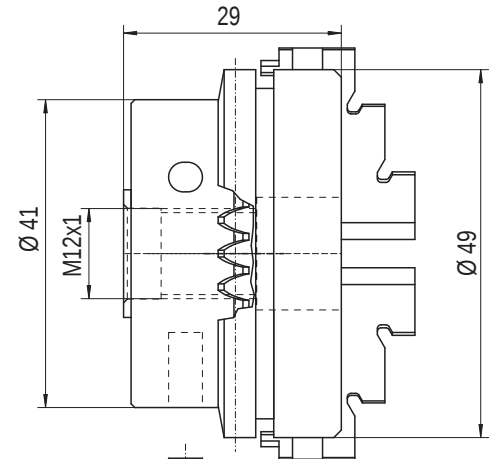
1 Wrench



- Very small turning diameter
- Suitable for lathes with a threaded spindle
- Can be used with both metal and wood

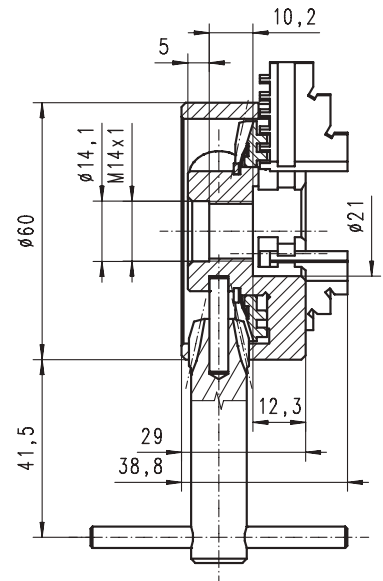
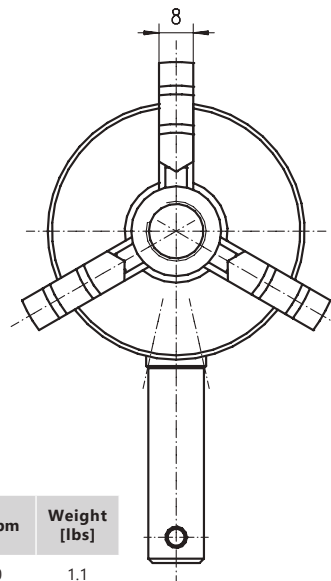
Chuck size 49mm

\* All dimensions on the drawing are in [mm]

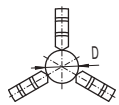


Chuck size 60mm

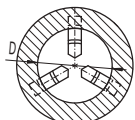
\* All dimensions on the drawing are in [mm]



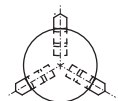
Chuck size 49, 60mm



D= Ø 0,5 x Ø 32



D= Ø 20 x Ø 75



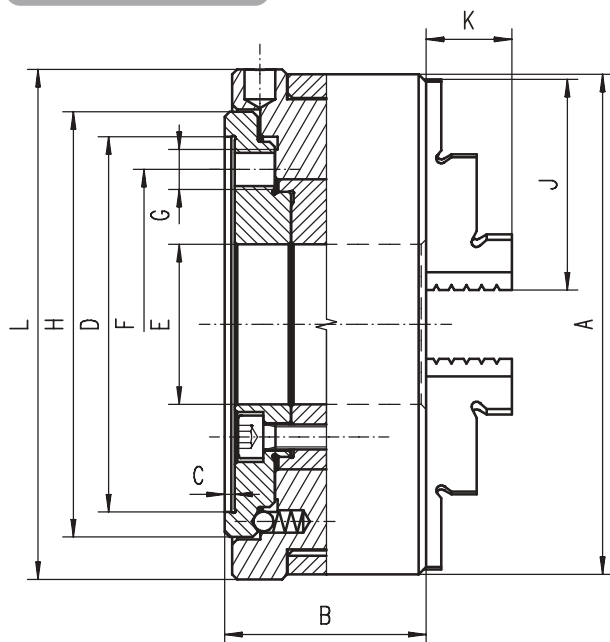
D= Ø 20 x Ø 52

| Code No.    | Type                | Chuck size [in] | Mounting | Max. rpm | Weight [lbs] |
|-------------|---------------------|-----------------|----------|----------|--------------|
| 7-810-0112  | 3286-49             | 1.93            | M12x1    | 4,000    | 1.1          |
| 7-810-0212  | 3286-60             | 2.36            | M12x1    | 4,000    | 1.5          |
| 7-810-0214  | 3286-60             | 2.36            | M14x1    | 4,000    | 1.5          |
| 7-810-0222  | 3286-2.3-8"-1/2"-20 | 2.36            | 1/2"-20  | 4,000    | 1.5          |
| 7-810-0225  | 3286-2.3-8"-3/4"-16 | 2.36            | 3/4"-16  | 4,000    | 1.5          |
| 7-810-0225S | 3286-2 3-8"-16 BC   | 2.36            | 3/4"-16* | 4,000    | 1.5          |

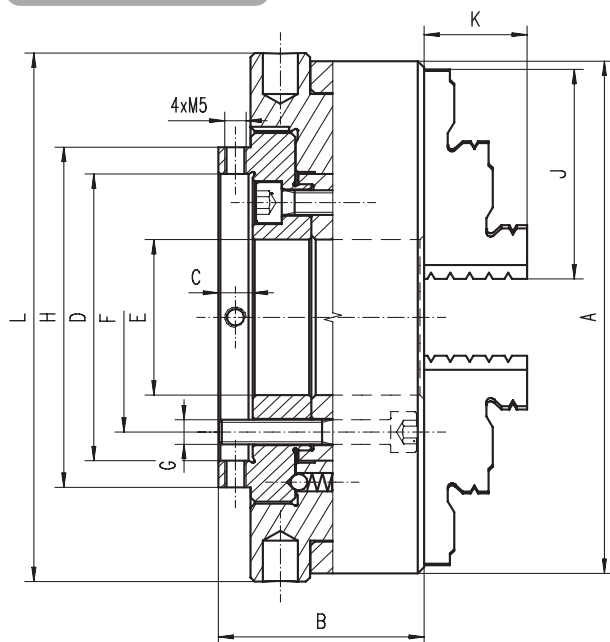
\* Threaded mount for Sherline Lathes

- FOR DRILL-SHARPENING
- FORGED STEEL BODY

Chuck size 3", 4"



Chuck size 5", 6" and 8"



3266



Standard accessories



1 Set of hard solid ID jaws



1 Set of hard solid OD jaws



1 Operating lever

- Lever scroll chuck is specially designed for grinding twist drills and other cutting tools
- Fine adjustment in sizes 5", 6" and 8" to the required concentricity by means of 4 radially arranged adjusting screws

| A [in] | B [in] | C [in] | D [in] | E [in] | F [in] | G    | H [in] | J [in] | K [in] | L [in] | Length of the operating lever [in] | Weight [lbs] | Type    | Code No.   |
|--------|--------|--------|--------|--------|--------|------|--------|--------|--------|--------|------------------------------------|--------------|---------|------------|
| 3.15   | 1.38   | 0.06   | 1.89   | 0.94   | 1.54   | 3xM6 | 2.05   | 1.30   | 0.51   | 3.23   | 3.94                               | 2.43         | 3266-3" | 7-864-0300 |
| 3.94   | 1.57   | 0.08   | 2.95   | 1.26   | 1.77   | 3xM8 | 3.35   | 1.65   | 0.67   | 4.02   | 4.92                               | 7.05         | 3266-4" | 7-864-0400 |
| 4.92   | 1.89   | 0.31   | 2.76   | 1.50   | 2.20   | 3xM6 | 3.27   | 2.01   | 0.79   | 5.08   | 6.30                               | 8.82         | 3266-5" | 7-864-0500 |
| 6.30   | 2.05   | 0.31   | 3.09   | 2.05   | 2.56   | 3xM6 | 3.78   | 2.76   | 1.30   | 6.46   | 7.87                               | 16.09        | 3266-6" | 7-864-0600 |
| 7.87   | 2.60   | 0.51   | 4.53   | 2.52   | 3.31   | 3xM8 | 5.79   | 3.35   | 1.18   | 8.07   | 7.87                               | 29.32        | 3266-8" | 7-864-0800 |



# 6-JAW SELF-CENTERING SCROLL CHUCKS

- FOR DRILL-SHARPENING
- FORGED STEEL BODY



1

2

3

4

5

3866



Standard accessories

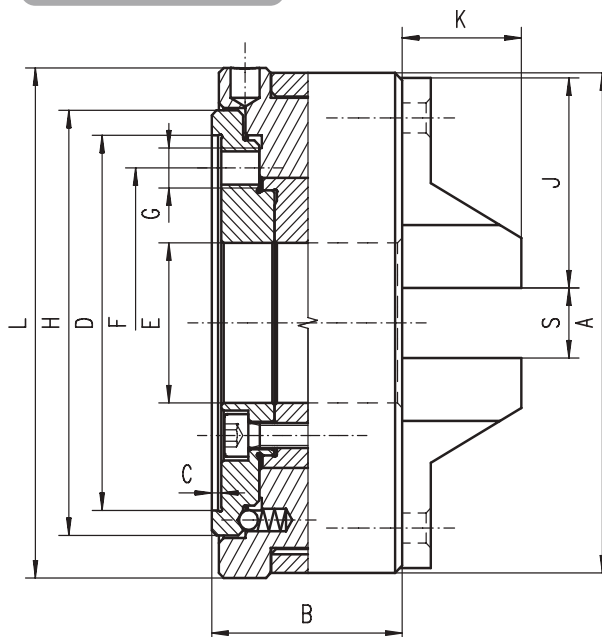


1 Set of hard solid jaws

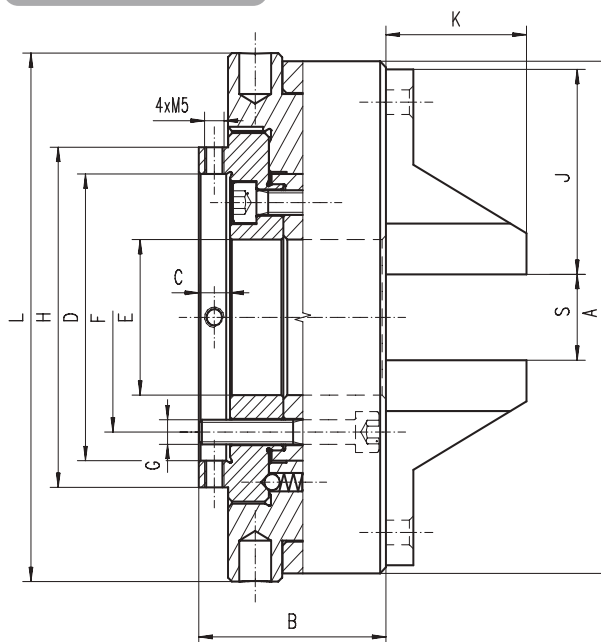


1 Operating lever

Chuck size 3", 4"



Chuck size 5", 6"

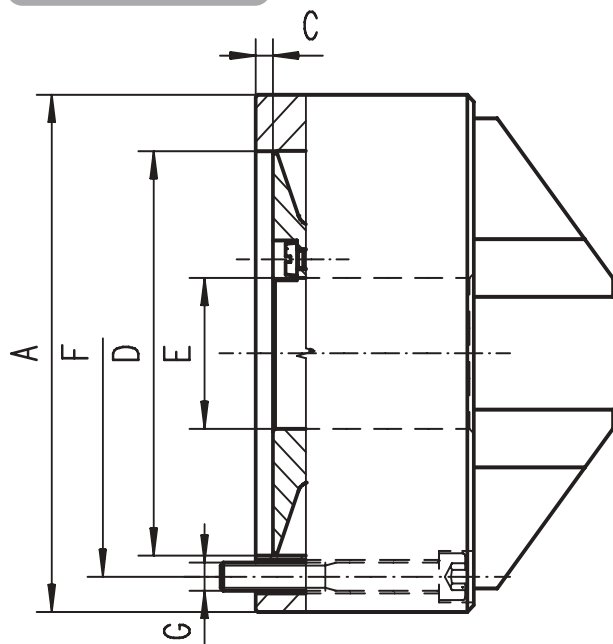


- Lever scroll chuck is specially designed for grinding twist drills and other cutting tools
- Fine adjustment in Ø 5" and 6" to the required concentricity by means of 4 radially arranged adjusting screws

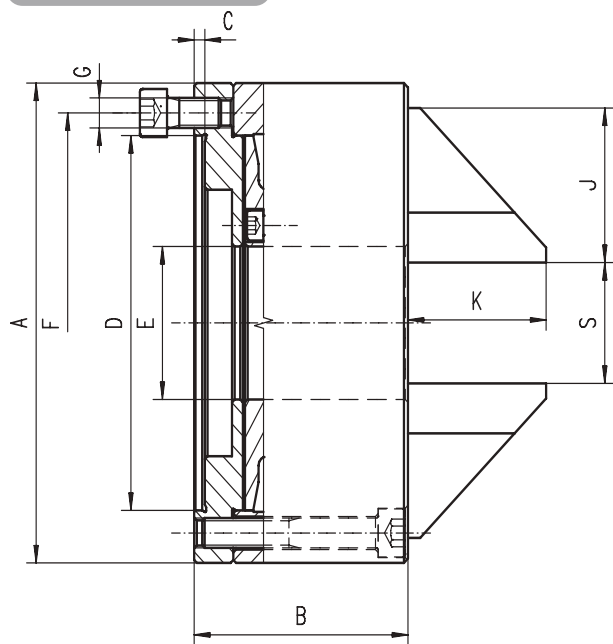
| Code No.   | Type    | A<br>[in] | B<br>[in] | C<br>[in] | D<br>[in] | E<br>[in] | F<br>[in] | G    | H<br>[in] | J<br>[in] | K<br>[in] | L<br>[in] | S<br>[in]   | Length of the<br>operating lever<br>[in] | Weight<br>[lbs] |
|------------|---------|-----------|-----------|-----------|-----------|-----------|-----------|------|-----------|-----------|-----------|-----------|-------------|------------------------------------------|-----------------|
| 7-869-0300 | 3866-3" | 3.15      | 1.38      | 0.06      | 1.89      | 0.94      | 1.54      | 3xM6 | 2.05      | 1.38      | 0.87      | 3.23      | 0.04 - 0.91 | 3.94                                     | 4.41            |
| 7-869-0400 | 3866-4" | 3.94      | 1.57      | 0.08      | 2.95      | 1.26      | 2.44      | 3xM8 | 3.35      | 1.65      | 0.98      | 4.02      | 0.06 - 1.22 | 4.92                                     | 6.17            |
| 7-869-0500 | 3866-5" | 4.92      | 1.89      | 0.31      | 2.76      | 1.50      | 2.20      | 3xM6 | 3.27      | 1.97      | 1.42      | 5.08      | 0.08 - 1.46 | 6.30                                     | 8.82            |
| 7-869-0600 | 3866-6" | 6.30      | 2.05      | 0.31      | 3.09      | 2.05      | 2.56      | 3xM6 | 3.78      | 2.28      | 1.42      | 6.46      | 0.12 - 2.01 | 7.87                                     | 15.43           |

- FOR DRILL-SHARPENING
- FORGED STEEL BODY

Chuck size 3", 4"



Chuck size 6"



3867



Standard accessories



1 Set of hard solid jaws



1 Wrench

- The wrench operated scroll chuck is specially designed for grinding twist drills and other cutting tools
- Plain back (front mounting)

| A<br>[in] | B<br>[in] | C<br>[in] | D<br>[in] | E<br>[in] | F<br>[in] | G     | J<br>[in] | K<br>[in] | S<br>[in]   | Weight<br>[lbs] | Type        | Code No.   |
|-----------|-----------|-----------|-----------|-----------|-----------|-------|-----------|-----------|-------------|-----------------|-------------|------------|
| 3.35      | 1.73      | 0.15      | 2.44      | 1.00      | 2.76      | 3xM6  | 1.26      | 1.46      | 0.04 - 0.98 | 4.19            | 3867-3"     | 7-863-0300 |
| 4.33      | 1.97      | 0.16      | 3.39      | 1.26      | 3.74      | 3xM6  | 1.50      | 1.30      | 0.09 - 1.26 | 7.72            | 3867-4-1/3" | 7-863-0400 |
| 6.30      | 3.11      | 0.16      | 4.92      | 2.01      | 5.51      | 3xM10 | 2.01      | 2.01      | 0.10 - 1.97 | 9.92            | 3867-6"     | 7-863-0600 |



## 5C COLLET CHUCKS

- FORGED STEEL BODY
- PLAIN BACK OR D-TYPE DIRECT MOUNT



1

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3911

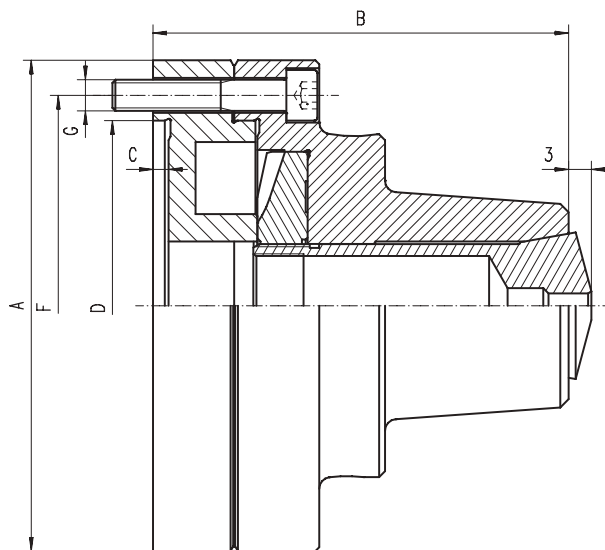


Standard accessories



1 Wrench + 1 Hex key

- Universal 5C collet chuck
- Plain back mounting
- The wrench operated scroll provides for uniform and distortion free clamping of workpieces while simultaneously allowing for a fast collet exchange
- Designed for use with 5C collets (385E) and can be used for turning, facing, boring, grinding and milling operations
- Collet 5C not included



| Code No.   | Type       | A [in] | B [in] | C [in] | D [in] | F [in] | G          | RPM  | Weight [lbs] |
|------------|------------|--------|--------|--------|--------|--------|------------|------|--------------|
| 7-862-0501 | 3911-5"-5C | 4.96   | 4.23   | 0.16   | 3.74   | 4.25   | 3x5/16"-18 | 6000 | 11.9         |

3944

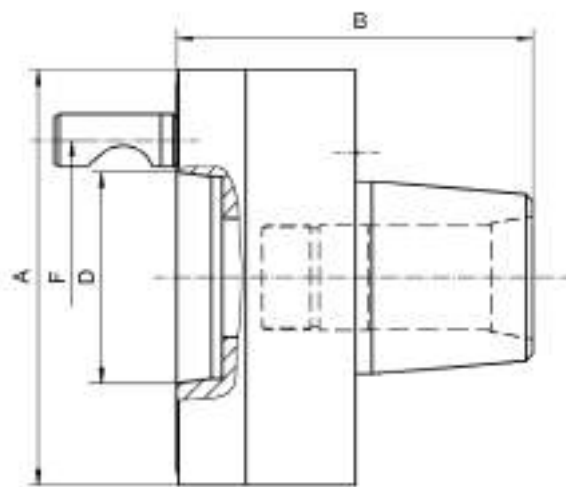


Standard accessories



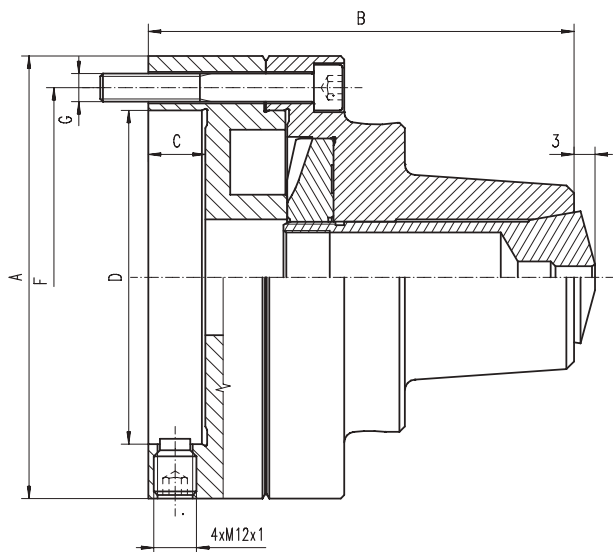
1 Wrench + 1 Hex key

- Universal 5C collet chuck
- D1 direct mount
- The wrench operated scroll provides for uniform and distortion free clamping of workpieces while simultaneously allowing for a fast collet exchange
- Designed for use with 5C collets (385E) and can be used for turning, facing, boring, grinding and milling operations
- Collet 5C not included



| Code No.   | Type         | A [in] | B [in] | D [in] | F [in] | RPM  | Weight [lbs] |
|------------|--------------|--------|--------|--------|--------|------|--------------|
| 7-862-0511 | 3944-5"-4-5C | 4.92   | 4.23   | 2.54   | 3.25   | 6000 | 12           |
| 7-862-0512 | 3944-5"-5-5C | 4.92   | 4.23   | 2.54   | 3.25   | 6000 | 12           |

- FORGED STEEL BODY
- SET-TRU ADJUSTMENT



- High precision 5C collet chuck
- SET-TRU mounting
- The wrench operated scroll provides for uniform and distortion free clamping of workpieces while simultaneously allowing for a fast collet exchange
- Designed for use with 5C collets (385E) and can be used for turning, facing, boring, grinding and milling operations
- Allows for fine adjustment to the required concentricity by means of 4 radially arranged adjusting screws
- Collet 5C not included

| Code No.   | Type    | A [in] | B [in] | C [in] | D [in] | F [in] | G    | RPM  | Weight [lbs] |
|------------|---------|--------|--------|--------|--------|--------|------|------|--------------|
| 7-862-0505 | 3960-5C | 4.96   | 4.61   | 0.59   | 2.17   | 4.25   | 3xM8 | 6000 | 11.9         |

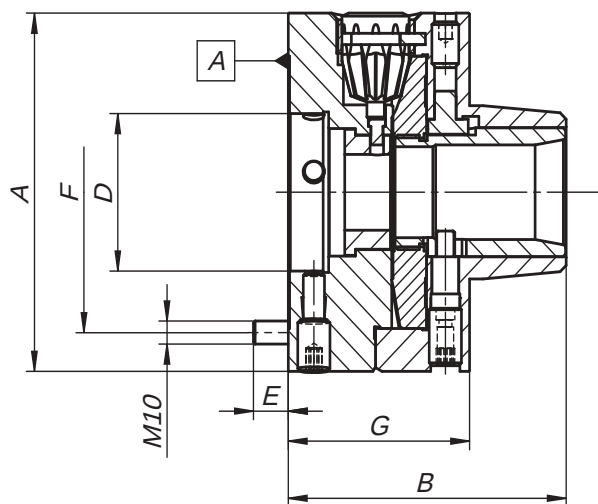
3960



Standard accessories



1 Wrench + 1 Hex key



- High precision 5C collet chuck
- TRU-LENGTH - fixed collet position
- SET-TRU mounting
- The wrench operated scroll provides for uniform and distortion free clamping of workpieces while simultaneously allowing for a fast collet exchange
- Designed for use with 16C collets and can be used for turning, facing, boring, grinding and milling operations
- Allows for fine adjustment to the required concentricity by means of 4 radially arranged adjusting screws
- Collet 16C not included

| Code No.   | Type        | A [in] | B [in] | D [in] | E [in] | F [in] | G [in] | RPM  | Weight [lbs] |
|------------|-------------|--------|--------|--------|--------|--------|--------|------|--------------|
| 7-862-0605 | 3965-6"-16C | 6.30   | 5.06   | 3.39   | 0.67   | 5.51   | 3.11   | 6000 | 24           |

3965



Standard accessories



1 Wrench + 1 Hex key



## 5C MINI COLLET CHUCKS

- HIGH RPM
- FORGED STEEL BODY



3974

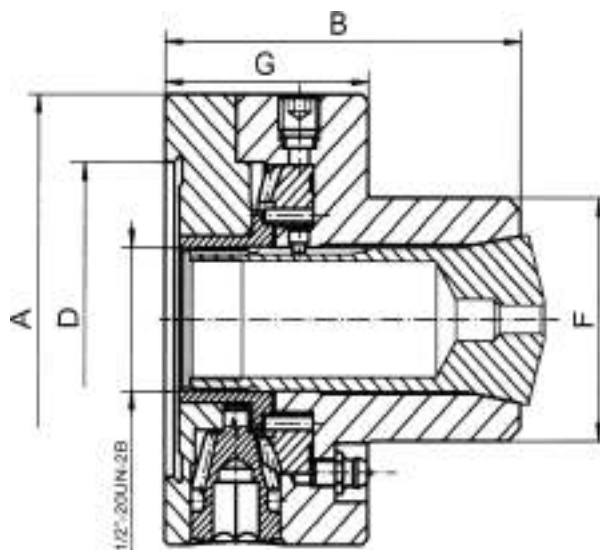


Standard accessories



1 Wrench + 1 Hex key

- Mini high-speed 5C collet chuck
- The wrench operated scroll provides for uniform and distortion free clamping of workpieces while simultaneously allowing for a fast collet exchange
- Designed for use with 5C collets (385E) and can be used for turning, facing, boring, grinding and milling operations
- Collet 5C not included



| Code No.   | Type       | A [in] | B [in] | D [in] | F [in] | G [in] | RPM  | Weight [lbs] |
|------------|------------|--------|--------|--------|--------|--------|------|--------------|
| 7-862-0401 | 3974-4"-5C | 3.94   | 3.37   | 2.76   | 2.13   | 1.97   | 8000 | 7            |

3974-T

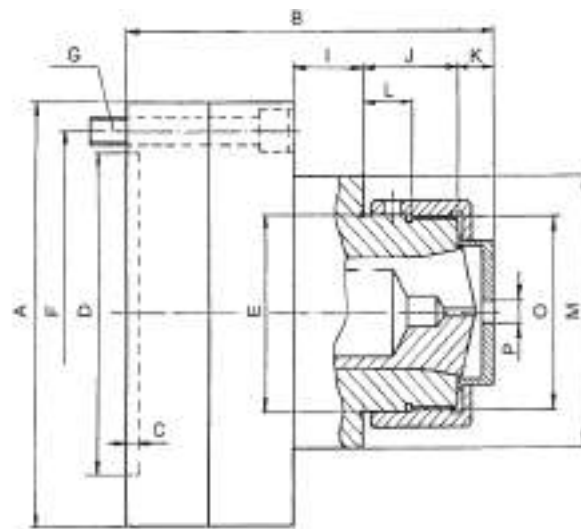


Standard accessories



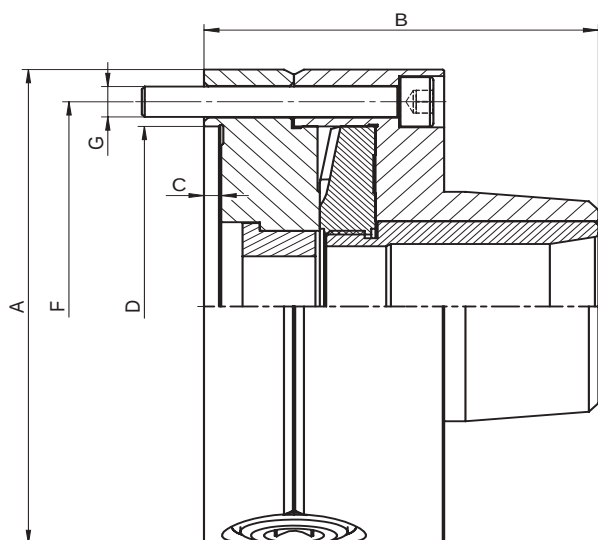
1 Wrench

- 5C collet chuck with threaded nose
- Plain back mounting
- Max RPM 6000 1/min
- The wrench operated scroll provides for uniform and distortion free clamping of workpieces while simultaneously allowing for a fast collet exchange
- Designed for use with 5C collets (385E) and can be used for turning, facing, boring, grinding and milling operations
- Collet 5C not included



| Code No.   | Type        | A [in] | B [in] | C [in] | D [in] | E [in] | F [in] | G [in]            | I [in] | J [in] | K [in] | L [in] | M [in] | O [in]          | P [in] | Weight [lbs] |
|------------|-------------|--------|--------|--------|--------|--------|--------|-------------------|--------|--------|--------|--------|--------|-----------------|--------|--------------|
| 7-862-0502 | 3974-5"-5CT | 4.92   | 4.70   | 0.16   | 3.74   | 2.19   | 4.25   | 3 x 5/16"-18x2.17 | 0.89   | 1.22   | 0.47   | 0.63   | 3.15   | 2-3/16"-10UN-2A | 0.24   | 12           |

- FORGED STEEL BODY
- PLAIN BACK TRU-LENGTH OR DIRECT THREADED MOUNT



- High precision collet chucks
- TRU-LENGTH - fixed collet position
- Plain back mounting
- The wrench operated scroll provides for uniform and distortion free clamping of workpieces while simultaneously allowing for a fast collet exchange
- Designed for use with 5C collets (385E) and can be used for turning, facing, boring, grinding and milling operations
- Collet 5C or 16C not included

| Code No.   | Type        | A [in] | B [in] | C [in] | D [in] | F [in] | G     | RPM  | Weight [lbs] |
|------------|-------------|--------|--------|--------|--------|--------|-------|------|--------------|
| 7-862-0503 | 3975-5"-5C  | 4.92   | 3.62   | 0.16   | 3.74   | 4.25   | 3xM8  | 6000 | 11.46        |
| 7-862-0601 | 3975-6"-16C | 6.30   | 4.51   | 0.16   | 4.92   | 5.51   | 3xM10 | 6000 | 20.5         |

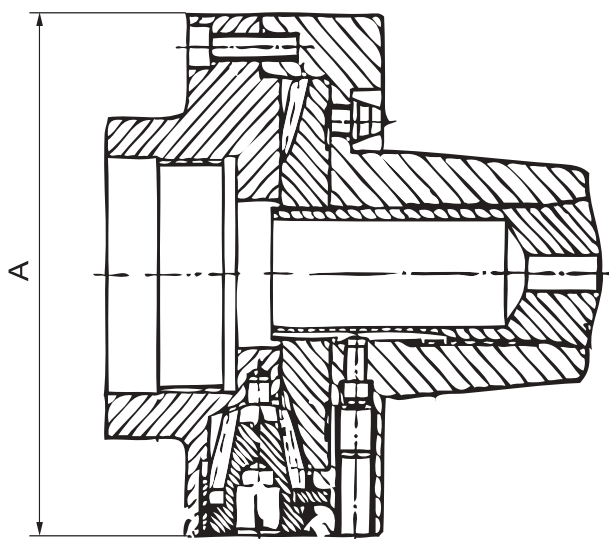
3975



Standard accessories



1 Wrench + 1 Hex key



- 5C collet chucks
- Direct threaded mount
- The wrench operated scroll provides for uniform and distortion free clamping of workpieces while simultaneously allowing for a fast collet exchange
- Designed for use with 5C collets (385E) and can be used for turning, facing, boring, grinding and milling operations
- Collet 5C not included

| Code No.   | Type       | A [in] | Thread size | RPM  | Weight [lbs] |
|------------|------------|--------|-------------|------|--------------|
| 7-862-0515 | 3984-5"-5C | 4.92   | 1-1/2" x 8  | 6000 | 12           |
| 7-862-0517 | 3984-5"-5C | 4.92   | 2-1/4" x 8  | 6000 | 12           |

3984



Standard accessories



1 Wrench + 1 Hex key



# MORSE TAPER ADAPTERS FOR LATHE CHUCKS

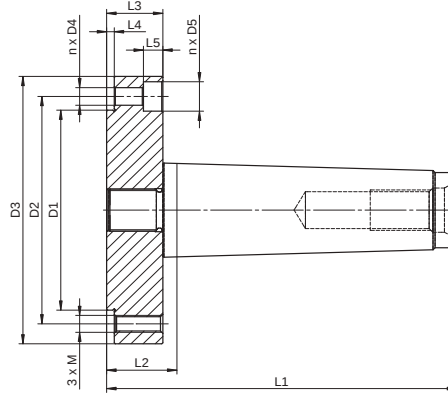
- DEAD OR ROTATING FOR SELF-CENTERING CHUCKS



## 9156

### DEAD

- Can replace typical center in machine tailstock
- Chuck not included, please select one of the matching types



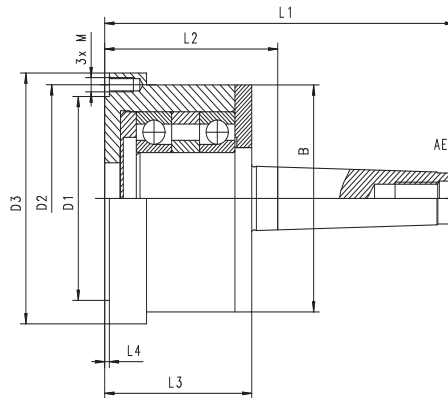
W - Chuck diameter

| Code No.   | Type       | W* [in] | Morse Taper | D1 [in] | D2 [in] | D3 [in] | D4 [in] | D5 [in] | L1 [in] | L2 [in] | L3 [in] | L4 [in] | L5 [in] | M   | n | Weight [lbs] |
|------------|------------|---------|-------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-----|---|--------------|
| 7-915-0302 | 9156-3"-2  | 3.15    | 2           | 2.20    | 2.64    | 3.23    | 0.25    | 0.43    | 3.50    | 0.98    | 0.63    | 0.10    | 0.28    | M6  | 3 | 1.54         |
| 7-915-0303 | 9156-3"-3  | 3.15    | 3           | 2.20    | 2.64    | 3.23    | 0.25    | 0.43    | 4.02    | 0.83    | 0.63    | 0.10    | 0.28    | M6  | 3 | 1.76         |
| 7-915-0402 | 9156-4"-2  | 3.94    | 2           | 2.76    | 3.27    | 4.02    | 0.33    | 0.55    | 3.50    | 0.98    | 0.63    | 0.10    | 0.35    | M8  | 3 | 2.43         |
| 7-915-0403 | 9156-4"-3  | 3.94    | 3           | 2.76    | 3.27    | 4.02    | 0.33    | 0.55    | 4.02    | 0.83    | 0.63    | 0.10    | 0.35    | M8  | 3 | 2.65         |
| 7-915-0405 | 9156-4"-5  | 3.94    | 5           | 2.76    | 3.27    | 4.02    | -       | -       | 6.02    | 0.93    | 0.67    | 0.10    | -       | M8  | 3 | 5.07         |
| 7-915-0503 | 9156-5"-3  | 4.92    | 3           | 3.74    | 4.25    | 5.00    | 0.33    | 0.55    | 4.57    | 1.38    | 1.02    | 0.14    | 0.35    | M8  | 3 | 5.73         |
| 7-915-0504 | 9156-5"-4  | 4.92    | 4           | 3.74    | 4.25    | 5.00    | 0.33    | 0.55    | 5.31    | 1.28    | 1.02    | 0.14    | 0.35    | M8  | 3 | 6.17         |
| 7-915-0505 | 9156-5"-5  | 4.92    | 5           | 3.74    | 4.25    | 5.00    | 0.33    | 0.55    | 6.38    | 1.28    | 1.02    | 0.14    | 0.35    | M8  | 3 | 7.94         |
| 7-915-0603 | 9156-6"-3  | 6.30    | 3           | 4.92    | 5.51    | 6.38    | 0.41    | 0.67    | 4.57    | 1.38    | 1.02    | 0.14    | 0.43    | M10 | 3 | 9.04         |
| 7-915-0604 | 9156-6"-4  | 6.30    | 4           | 4.92    | 5.51    | 6.38    | 0.41    | 0.67    | 5.31    | 1.28    | 1.02    | 0.14    | 0.43    | M10 | 3 | 9.48         |
| 7-915-0605 | 9156-6"-5  | 6.30    | 5           | 4.92    | 5.51    | 6.38    | 0.41    | 0.67    | 6.38    | 1.28    | 1.02    | 0.14    | 0.43    | M10 | 3 | 11.24        |
| 7-915-0805 | 9156-8"-5  | 7.87    | 5           | 6.30    | 6.93    | 7.87    | 0.41    | 0.71    | 7.60    | 2.50    | 1.02    | 0.14    | 0.43    | M10 | 3 | 18.08        |
| 7-915-0806 | 9156-8"-6  | 7.87    | 6           | 6.30    | 6.93    | 7.87    | 0.41    | 0.71    | 8.50    | 1.34    | 1.02    | 0.14    | 0.43    | M10 | 3 | 21.38        |
| 7-915-1005 | 9156-10"-5 | 9.84    | 5           | 7.87    | 8.82    | 9.84    | 0.53    | 0.79    | 6.42    | 1.36    | 1.10    | 0.14    | 0.51    | M12 | 6 | 23.81        |
| 7-915-1006 | 9156-10"-6 | 9.84    | 6           | 7.87    | 8.82    | 9.84    | 0.53    | 0.79    | 8.58    | 1.42    | 1.10    | 0.14    | 0.51    | M12 | 6 | 30.20        |

## 9157

### ROTATING

- Can replace typical center in machine tailstock
- Chuck not included, please select one of the matching types



W - Chuck diameter

| Code No.  | Type       | W* [in] | Morse Taper | D1 [in] | D2 [in] | D3 [in] | B [in] | L1 [in] | L2 [in] | L3 [in] | L4 [in] | M   | Weight [lbs] |
|-----------|------------|---------|-------------|---------|---------|---------|--------|---------|---------|---------|---------|-----|--------------|
| 7-573-032 | 9157-3"-2  | 3.15    | 2           | 2.20    | 2.64    | 3.07    | -      | 4.69    | 2.17    | 1.97    | 0.10    | M6  | 3.09         |
| 7-573-033 | 9157-3"-3  | 3.15    | 3           | 2.20    | 2.64    | 3.07    | -      | 5.35    | 2.07    | 1.97    | 0.10    | M6  | 3.31         |
| 7-573-043 | 9157-4"-3  | 3.94    | 3           | 2.76    | 3.27    | 3.86    | -      | 6.18    | 2.99    | 2.80    | 0.10    | M8  | 7.50         |
| 7-573-044 | 9157-4"-4  | 3.94    | 4           | 2.76    | 3.27    | 3.86    | -      | 7.01    | 2.97    | 2.80    | 0.10    | M8  | 8.38         |
| 7-573-054 | 9157-5"-4  | 4.92    | 4           | 3.74    | 4.25    | 4.84    | -      | 7.19    | 3.15    | 2.89    | 0.14    | M8  | 12.79        |
| 7-573-055 | 9157-5"-5  | 4.92    | 5           | 3.74    | 4.25    | 4.84    | -      | 8.25    | 3.15    | 2.89    | 0.14    | M8  | 7.94         |
| 7-573-064 | 9157-6"-4  | 6.30    | 4           | 4.92    | 5.51    | 6.30    | 4.33   | 7.32    | 3.29    | 3.03    | 0.14    | M10 | 14.55        |
| 7-573-065 | 9157-6"-5  | 6.30    | 5           | 4.92    | 5.51    | 6.30    | 4.33   | 8.39    | 3.29    | 3.03    | 0.14    | M10 | 16.53        |
| 7-573-085 | 9157-8"-5  | 7.87    | 5           | 6.30    | 6.93    | 7.87    | 5.12   | 8.39    | 3.29    | 3.03    | 0.14    | M10 | 22.05        |
| 7-573-086 | 9157-8"-6  | 7.87    | 6           | 6.30    | 6.93    | 7.87    | 6.30   | 11.38   | 4.21    | 3.86    | 0.14    | M10 | 40.34        |
| 7-573-105 | 9157-10"-5 | 9.84    | 5           | 7.87    | 8.82    | 9.84    | 5.12   | 8.39    | 3.29    | 3.03    | 0.18    | M12 | 30.20        |
| 7-573-106 | 9157-10"-6 | 9.84    | 6           | 7.87    | 8.82    | 9.84    | 6.30   | 11.38   | 4.21    | 3.86    | 0.18    | M12 | 49.60        |

PLEASE SELECT AN APPROPRIATE CHUCK



Type 3574



Type 3575



Type 3274



Type 3275



Type 3774



Type 3775



Type 3674



Type 3675

PLEASE SELECT AN APPROPRIATE CHUCK



Type 3574



Type 3575



Type 3274



Type 3275



Type 3774



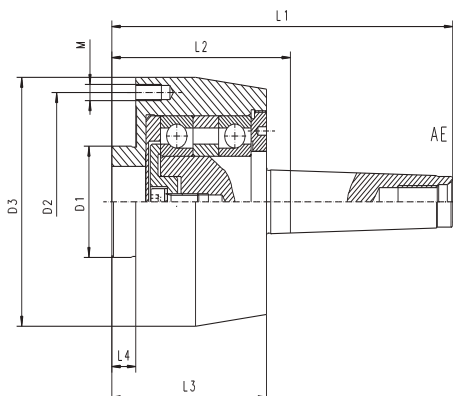
Type 3775



Type 3674



Type 3675



**9167**

**ROTATING WITH FINE ADJUSTMENT**

- Can replace typical center in machine tailstock
- Chuck not included, please select one of the matching types

PLEASE SELECT AN APPROPRIATE CHUCK



Type 3564



Type 3565



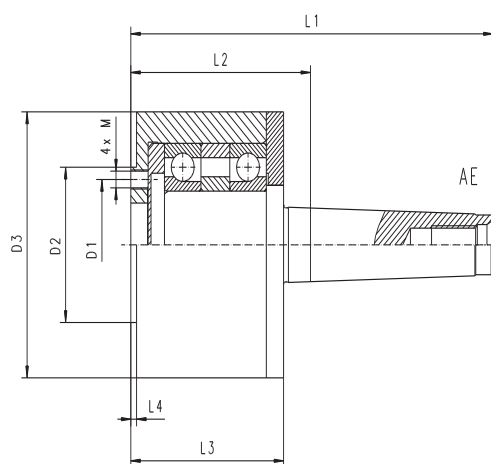
Type 3864



Type 3865

W - Chuck diameter

| Code No.   | Type      | W* [in] | Morse Taper | D1 [in] | D2 [in] | D3 [in] | L1 [in] | L2 [in] | L3 [in] | L4 [in] | M     | Weight [lbs] |
|------------|-----------|---------|-------------|---------|---------|---------|---------|---------|---------|---------|-------|--------------|
| 7-861-9400 | 9167-4"-3 | 3.94    | 3           | 1.77    | 3.27    | 3.86    | 6.50    | 3.31    | 3.11    | 0.47    | 3xM8  | 7.50         |
| 7-861-9404 | 9167-4"-4 | 3.94    | 4           | 1.77    | 3.27    | 3.86    | 7.40    | 3.37    | 3.11    | 0.47    | 3xM8  | 8.16         |
| 7-861-9500 | 9167-5"-4 | 4.92    | 4           | 2.17    | 4.25    | 4.84    | 7.85    | 3.82    | 3.56    | 0.55    | 3xM8  | 13.89        |
| 7-861-9505 | 9167-5"-5 | 4.92    | 5           | 2.17    | 4.25    | 4.84    | 8.92    | 3.82    | 3.56    | 0.55    | 3xM8  | 15.43        |
| 7-861-9600 | 9167-6"-5 | 6.30    | 5           | 3.39    | 5.51    | 6.30    | 9.06    | 3.96    | 3.70    | 0.63    | 3xM10 | 24.69        |



**4957**

**ROTATING**

- Can replace typical center in machine tailstock
- Chuck not included, please select one of the matching types

PLEASE SELECT AN APPROPRIATE CHUCK



Type 4306

W - Chuck diameter

| Code No.  | Type      | W* [in] | Morse Taper | D1 [in] | D2 [in] | D3 [in] | L1 [in] | L2 [in] | L3 [in] | L4 [in] | M   | Weight [lbs] |
|-----------|-----------|---------|-------------|---------|---------|---------|---------|---------|---------|---------|-----|--------------|
| 7-576-044 | 4957-4"-4 | 3.94    | 4           | 2.13    | 3.13    | 3.86    | 7.01    | 2.97    | 2.81    | 0.14    | M8  | 8.38         |
| 7-576-054 | 4957-5"-4 | 4.92    | 4           | 2.13    | 2.75    | 4.53    | 7.01    | 2.97    | 2.81    | 0.14    | M8  | 8.38         |
| 7-576-064 | 4957-6"-4 | 6.30    | 4           | 2.75    | 3.25    | 4.53    | 7.76    | 3.72    | 3.46    | 0.14    | M10 | 13.45        |
| 7-576-065 | 4957-6"-5 | 6.30    | 5           | 2.75    | 3.25    | 4.53    | 8.82    | 3.72    | 3.46    | 0.14    | M10 | 15.21        |
| 7-576-066 | 4957-6"-6 | 6.30    | 6           | 2.75    | 3.25    | 6.14    | 11.42   | 4.25    | 3.94    | 0.14    | M10 | 36.38        |



## 4-JAW INDEPENDENT CHUCKS

- PLAIN BACK MOUNT
- FORGED STEEL BODY



1

2

3

4

5

4306



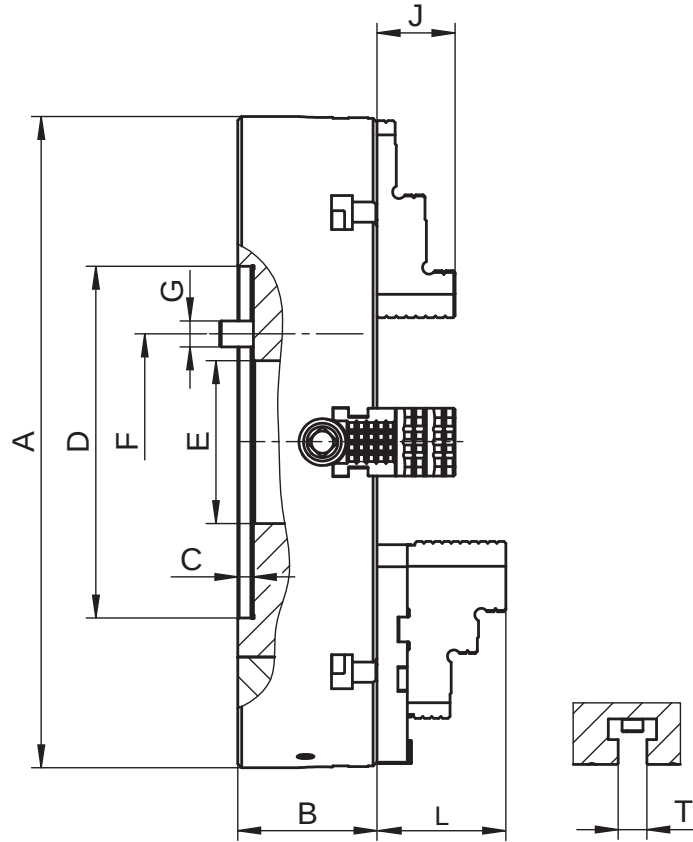
Standard accessories



1 Set of solid reversible jaws



1 Wrench

■ Chucks above  $\varnothing 10"$  have additional T-slots

4307



Standard accessories



1 Set of hard top jaws



1 Set of hard master jaws



1 Wrench

| Code No.    | Type      | A<br>[in] | B<br>[in] | C<br>[in] | D H7<br>[in] | E<br>[in] | F<br>[in] | G         | J<br>[in] | L<br>[in] | T<br>[in] | Weight<br>[lbs] |
|-------------|-----------|-----------|-----------|-----------|--------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------------|
| 7-850-0200  | 4306-3"   | 3.15      | 1.26      | 0.10      | 2.75         | 0.79      | 2.13      | 4x1/4-20  | 0.73      | -         | -         | 3.53            |
| 7-850-0300  | 4306-3.5" | 3.39      | 1.57      | 0.20      | 2.44         | 0.98      | 2.83      | 4x1/4-20  | 0.67      | -         | -         | 4.19            |
| 7-850-0400  | 4306-4"   | 3.94      | 1.57      | 0.10      | 3.13         | 0.98      | 2.13      | 4x5/16-18 | 0.67      | -         | -         | 5.51            |
| 7-850-0500  | 4306-5"   | 5.12      | 1.69      | 0.10      | 2.75         | 1.02      | 2.13      | 4x5/16-18 | 0.79      | -         | -         | 10.58           |
| 7-850-0600  | 4306-6"   | 6.14      | 1.69      | 0.10      | 3.25         | 1.65      | 2.75      | 4x3/8-16  | 0.79      | -         | -         | 14.55           |
| 7-850-0800F | 4306-8"   | 7.87      | 2.85      | 0.20      | 4.33         | 1.97      | 3.25      | 4x7/16-14 | 1.59      | 1.83      | -         | 39.68           |
| 7-850-1000F | 4306-10"  | 9.84      | 3.05      | 0.28      | 5.91         | 2.56      | 4.13      | 4x1/2-13  | 1.59      | 2.38      | 0.55      | 59.52           |
| 7-850-1200F | 4306-12"  | 12.40     | 3.43      | 0.28      | 6.89         | 3.15      | 5.25      | 4x5/8-11  | 1.96      | 2.40      | 0.71      | 110.23          |
| 7-850-1600F | 4306-16"  | 15.75     | 3.62      | 0.39      | 7.87         | 3.94      | 6.75      | 4x5/8-11  | 1.96      | 2.85      | 0.71      | 189.60          |
| 7-850-2000F | 4306-20"  | 19.69     | 4.21      | 0.47      | 10.63        | 4.92      | 9.25      | 4x3/4-10  | 2.35      | 3.85      | 0.87      | 341.72          |
| 7-850-2500F | 4306-25"  | 24.80     | 5.00      | 0.47      | 10.63        | 6.30      | 9.25      | 4xM20     | 2.35      | 3.85      | 0.87      | 661.39          |

| Type     | Code No.    |
|----------|-------------|
| -        | -           |
| -        | -           |
| -        | -           |
| -        | -           |
| -        | -           |
| 4307-8"  | 7-855-0800F |
| 4307-10" | 7-855-1000F |
| 4307-12" | 7-855-1200F |
| 4307-16" | 7-855-1600F |
| 4307-20" | 7-855-2000F |
| 4307-25" | 7-855-2500F |

- PLAIN BACK MOUNT
- CAST IRON BODY



4304



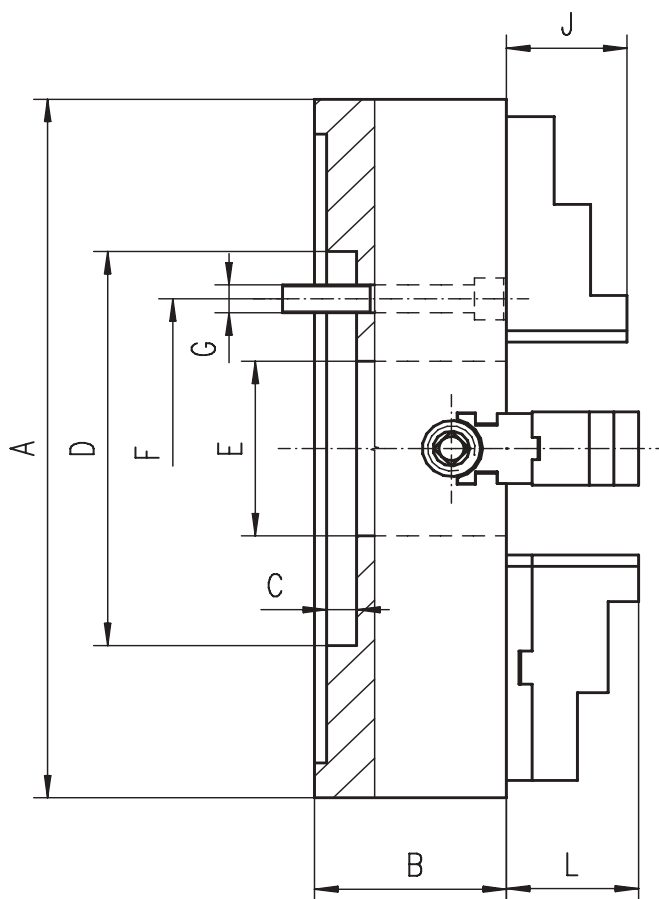
Standard accessories



1 Set of solid reversible jaws



1 Wrench



■ Chucks above  $\varnothing 10"$  have additional T-slots

4305



Standard accessories



1 Set of hard top jaws



1 Set of hard master jaws



1 Wrench

| Code No.   | Type     | A [in] | B [in] | C [in] | D [in] | E [in] | F [in] | G         | J [in] | L [in] | Weight [lbs] | Type     | Code No.   |
|------------|----------|--------|--------|--------|--------|--------|--------|-----------|--------|--------|--------------|----------|------------|
| 7-850-0800 | 4304-8"  | 7.87   | 3.15   | 0.20   | 4.33   | 1.97   | 3.25   | 4x7/16-14 | 1.59   | 1.83   | 30.86        | 4305-8"  | 7-850-0822 |
| 7-850-1000 | 4304-10" | 9.84   | 3.35   | 0.28   | 5.91   | 2.56   | 4.13   | 4x1/2-13  | 1.59   | 2.38   | 55.12        | 4305-10" | 7-850-1022 |
| 7-850-1200 | 4304-12" | 12.40  | 3.74   | 0.28   | 6.89   | 3.15   | 5.25   | 4x5/8-11  | 1.96   | 2.40   | 85.98        | 4305-12" | 7-850-1222 |
| 7-850-1600 | 4304-16" | 15.75  | 4.13   | 0.39   | 7.87   | 3.94   | 6.75   | 4x5/8-11  | 1.96   | 2.85   | 134.48       | 4305-16" | 7-850-1622 |
| 7-850-2000 | 4304-20" | 19.69  | 4.72   | 0.47   | 10.63  | 4.92   | 9.25   | 4x3/4-10  | 2.35   | 3.85   | 231.49       | 4305-20" | 7-850-2022 |
| 7-850-2500 | 4304-25" | 24.80  | 5.51   | 0.47   | 10.63  | 6.30   | 9.25   | 4x3/4-10  | 2.35   | 3.85   | 359.35       | 4305-25" | 7-850-2522 |



# 4-JAW INDEPENDENT CHUCKS

- A-TYPE DIRECT MOUNT
- CAST IRON BODY



4314



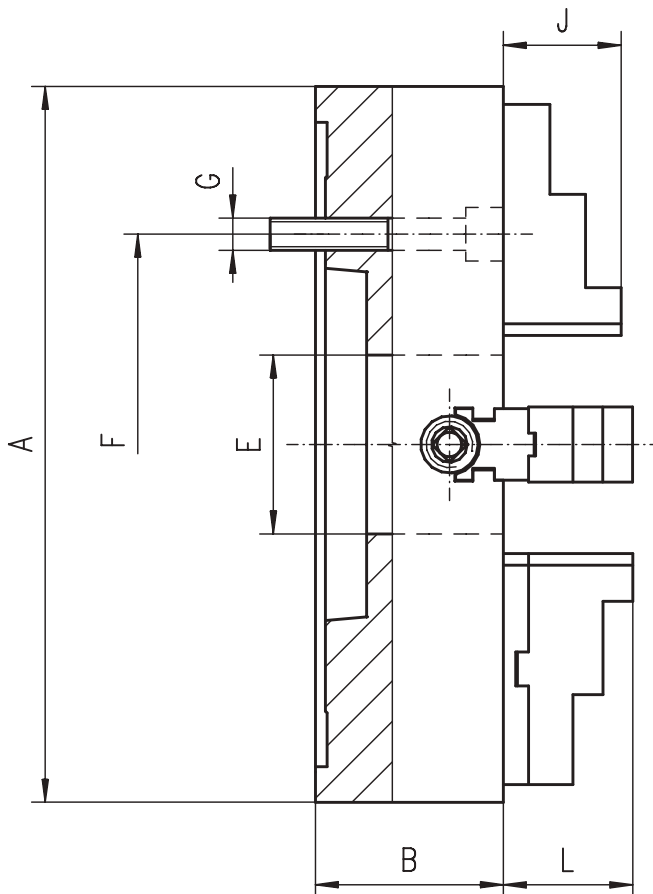
Standard accessories



1 Set of solid reversible jaws



1 Wrench



4315



Standard accessories



1 Set of hard top jaws



1 Set of hard master jaws



1 Wrench

■ Chucks above  $\phi 10''$  have additional T-slots

| Code No.   | Type        | A<br>[in] | Taper<br>Size | B<br>[in] | E<br>[in] | F<br>[in] | No. of<br>bolts | G       |      | J<br>[in] | L<br>[in] | Weight<br>[lbs] | Type        | Code No.    |
|------------|-------------|-----------|---------------|-----------|-----------|-----------|-----------------|---------|------|-----------|-----------|-----------------|-------------|-------------|
|            |             |           |               |           |           |           |                 | 4314    | 4315 |           |           |                 |             |             |
| 7-851-0826 | 4314-8"-4   | 7.87      | 4             | 3.15      | 1.97      | 3.25      | 4               | 7/16-14 | M10  | 1.59      | 1.83      | 37.48           | 4315-8"-4   | 7-851-08262 |
| 7-851-0815 | 4314-8"-5   | 7.87      | 5             | 3.15      | 1.97      | 4.13      | 4               | 7/16-14 | M10  | 1.59      | 1.83      | 37.48           | 4315-8"-5   | 7-851-08152 |
| 7-851-0816 | 4314-8"-6   | 7.87      | 6             | 3.15      | 1.97      | 5.25      | 4               | 1/2-13  | M12  | 1.59      | 1.83      | 37.48           | 4315-8"-6   | 7-851-08162 |
| 7-851-1024 | 4314-10"-4  | 9.84      | 4             | 3.35      | 2.56      | 3.25      | 8               | 7/16-14 | M10  | 1.59      | 2.38      | 56.22           | 4315-10"-4  | 7-851-10242 |
| 7-851-1025 | 4314-10"-5  | 9.84      | 5             | 3.35      | 2.56      | 4.13      | 8               | 7/16-14 | M10  | 1.59      | 2.38      | 56.22           | 4315-10"-5  | 7-851-10252 |
| 7-851-1016 | 4314-10"-6  | 9.84      | 6             | 3.35      | 2.56      | 5.25      | 4               | 1/2-13  | M12  | 1.59      | 2.38      | 56.22           | 4315-10"-6  | 7-851-10162 |
| 7-851-1018 | 4314-10"-8  | 9.84      | 8             | 3.35      | 2.56      | 6.75      | 4               | 5/8-11  | M16  | 1.59      | 2.38      | 56.22           | 4315-10"-8  | 7-851-10182 |
| 7-851-1215 | 4314-12"-5  | 12.40     | 5             | 3.74      | 3.15      | 4.13      | 4               | 7/16-14 | M10  | 1.96      | 2.40      | 88.18           | 4315-12"-5  | 7-851-12152 |
| 7-851-1226 | 4314-12"-6  | 12.40     | 6             | 3.74      | 3.15      | 5.25      | 8               | 1/2-13  | M12  | 1.96      | 2.40      | 88.18           | 4315-12"-6  | 7-851-12262 |
| 7-851-1218 | 4314-12"-8  | 12.40     | 8             | 3.74      | 3.15      | 6.75      | 4               | 5/8-11  | M16  | 1.96      | 2.40      | 88.18           | 4315-12"-8  | 7-851-12182 |
| 7-851-1626 | 4314-16"-6  | 15.75     | 6             | 4.13      | 3.94      | 5.25      | 8               | 1/2-13  | M12  | 1.96      | 2.85      | 143.30          | 4315-16"-6  | 7-851-16262 |
| 7-851-1628 | 4314-16"-8  | 15.75     | 8             | 4.13      | 3.94      | 6.75      | 4               | 5/8-11  | M16  | 1.96      | 2.85      | 143.30          | 4315-16"-8  | 7-851-16282 |
| 7-851-1619 | 4314-16"-11 | 15.75     | 11            | 4.13      | 3.94      | 9.25      | 4               | 3/4-10  | M20  | 1.96      | 2.85      | 143.30          | 4315-16"-11 | 7-851-16192 |
| 7-851-2026 | 4314-20"-6  | 19.69     | 6             | 4.72      | 3.94      | 5.25      | 4               | 1/2-13  | M12  | 2.35      | 3.85      | 251.33          | 4315-20"-6  | 7-851-20162 |
| 7-851-2028 | 4314-20"-8  | 19.69     | 8             | 4.72      | 4.92      | 6.75      | 8               | 5/8-11  | M16  | 2.35      | 3.85      | 251.33          | 4315-20"-8  | 7-851-20282 |
| 7-851-2019 | 4314-20"-11 | 19.69     | 11            | 4.72      | 4.92      | 9.25      | 8               | 3/4-10  | M20  | 2.35      | 3.85      | 251.33          | 4315-20"-11 | 7-851-20192 |
| 7-851-2039 | 4314-20"-15 | 19.69     | 15            | 4.72      | 4.92      | 13.00     | 4               | 7/8-9   | M24  | 2.35      | 3.85      | 251.33          | 4315-20"-15 | 7-851-20392 |
| 7-851-2528 | 4314-25"-8  | 24.80     | 8             | 5.51      | 4.92      | 6.75      | 8               | 5/8-11  | M16  | 2.35      | 3.85      | 363.76          | 4315-25"-8  | 7-851-25282 |
| 7-851-2519 | 4314-25"-11 | 24.80     | 11            | 5.51      | 6.30      | 9.25      | 8               | 3/4-10  | M20  | 2.35      | 3.85      | 363.76          | 4315-25"-11 | 7-851-25192 |
| 7-851-2539 | 4314-25"-15 | 24.80     | 15            | 5.51      | 6.30      | 13.00     | 4               | 7/8-9   | M24  | 2.35      | 3.85      | 363.76          | 4315-25"-15 | 7-851-25392 |

- C-TYPE DIRECT MOUNT
- CAST IRON BODY



4334



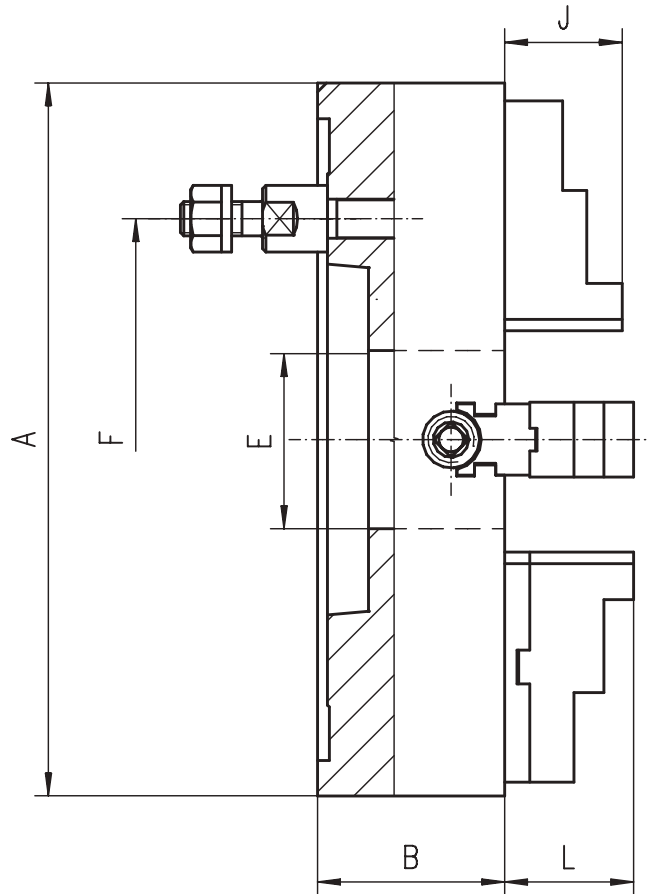
Standard accessories



1 Set of solid reversible jaws



1 Wrench



4335



Standard accessories



1 Set of hard top jaws



1 Set of hard master jaws



1 Wrench

■ Chucks above  $\varnothing 10''$  have additional T-slots

| Code No.   | Type        | A [in] | Taper Size | B [in] | E [in] | F [in] | No. of Stud bolts | J [in] | L [in] | Weight [lbs] | Type        | Code No.    |
|------------|-------------|--------|------------|--------|--------|--------|-------------------|--------|--------|--------------|-------------|-------------|
| 7-852-0834 | 4334-8"-4   | 7.87   | 4          | 3.15   | 1.97   | 3.35   | 3                 | 1.59   | 1.83   | 36.38        | 4335-8"-4   | 7-852-08342 |
| 7-852-0835 | 4334-8"-5   | 7.87   | 5          | 3.15   | 1.97   | 4.13   | 4                 | 1.59   | 1.83   | 36.38        | 4335-8"-5   | 7-852-08352 |
| 7-852-0836 | 4334-8"-6   | 7.87   | 6          | 3.15   | 1.97   | 5.25   | 4                 | 1.59   | 1.83   | 36.38        | 4335-8"-6   | 7-852-08362 |
| 7-852-1035 | 4334-10"-5  | 9.84   | 5          | 3.35   | 2.56   | 4.13   | 4                 | 1.59   | 2.38   | 60.63        | 4335-10"-5  | 7-852-10352 |
| 7-852-1036 | 4334-10"-6  | 9.84   | 6          | 3.35   | 2.56   | 5.25   | 4                 | 1.59   | 2.38   | 60.63        | 4335-10"-6  | 7-852-10362 |
| 7-852-1038 | 4334-10"-8  | 9.84   | 8          | 3.35   | 2.56   | 6.75   | 4                 | 1.59   | 2.38   | 60.63        | 4335-10"-8  | 7-852-10382 |
| 7-852-1235 | 4334-12"-5  | 12.40  | 5          | 3.74   | 3.15   | 4.13   | 4                 | 1.96   | 2.40   | 87.08        | 4335-12"-5  | 7-852-12352 |
| 7-852-1236 | 4334-12"-6  | 12.40  | 6          | 3.74   | 3.15   | 5.25   | 4                 | 1.96   | 2.40   | 87.08        | 4335-12"-6  | 7-852-12362 |
| 7-852-1238 | 4334-12"-8  | 12.40  | 8          | 3.74   | 3.15   | 6.75   | 4                 | 1.96   | 2.40   | 87.08        | 4335-12"-8  | 7-852-12382 |
| 7-852-1239 | 4334-12"-11 | 12.40  | 11         | 3.74   | 3.15   | 9.25   | 6                 | 1.96   | 2.40   | 87.08        | 4335-12"-11 | 7-852-12392 |
| 7-852-1635 | 4334-16"-5  | 15.75  | 5          | 4.13   | 3.13   | 4.13   | 4                 | 1.96   | 2.85   | 132.28       | 4335-16"-5  | 7-852-16352 |
| 7-852-1636 | 4334-16"-6  | 15.75  | 6          | 4.13   | 3.94   | 5.25   | 4                 | 1.96   | 2.85   | 132.28       | 4335-16"-6  | 7-852-16362 |
| 7-852-1638 | 4334-16"-8  | 15.75  | 8          | 4.13   | 3.94   | 6.75   | 4                 | 1.96   | 2.85   | 132.28       | 4335-16"-8  | 7-852-16382 |
| 7-852-1639 | 4334-16"-11 | 15.75  | 11         | 4.13   | 3.94   | 9.25   | 6                 | 1.96   | 2.85   | 132.28       | 4335-16"-11 | 7-852-16392 |
| 7-852-2036 | 4334-20"-6  | 19.69  | 6          | 4.72   | 3.94   | 5.25   | 4                 | 2.35   | 3.85   | 210.54       | 4335-20"-6  | 7-852-20362 |
| 7-852-2038 | 4334-20"-8  | 19.69  | 8          | 4.72   | 4.92   | 6.75   | 4                 | 2.35   | 3.85   | 210.54       | 4335-20"-8  | 7-852-20382 |
| 7-852-2039 | 4334-20"-11 | 19.69  | 11         | 4.72   | 4.92   | 9.25   | 6                 | 2.35   | 3.85   | 210.54       | 4335-20"-11 | 7-852-20392 |
| 7-852-2049 | 4334-20"-15 | 19.69  | 15         | 4.72   | 4.92   | 13.00  | 6                 | 2.35   | 3.85   | 210.54       | 4335-20"-15 | 7-852-20492 |
| 7-852-2538 | 4334-25"-8  | 24.80  | 8          | 5.51   | 4.92   | 6.75   | 4                 | 2.35   | 3.85   | 363.76       | 4335-25"-8  | 7-852-25382 |
| 7-852-2539 | 4334-25"-11 | 24.80  | 11         | 5.51   | 6.30   | 9.25   | 6                 | 2.35   | 3.85   | 363.76       | 4335-25"-11 | 7-852-25392 |
| 7-852-2549 | 4334-25"-15 | 24.80  | 15         | 5.51   | 6.30   | 13.00  | 6                 | 2.35   | 3.85   | 363.76       | 4335-25"-15 | 7-852-25492 |



## 4-JAW INDEPENDENT CHUCKS

- D-TYPE DIRECT MOUNT
- CAST IRON BODY



4344



Standard accessories



1 Set of solid reversible jaws



1 Wrench

4345



Standard accessories



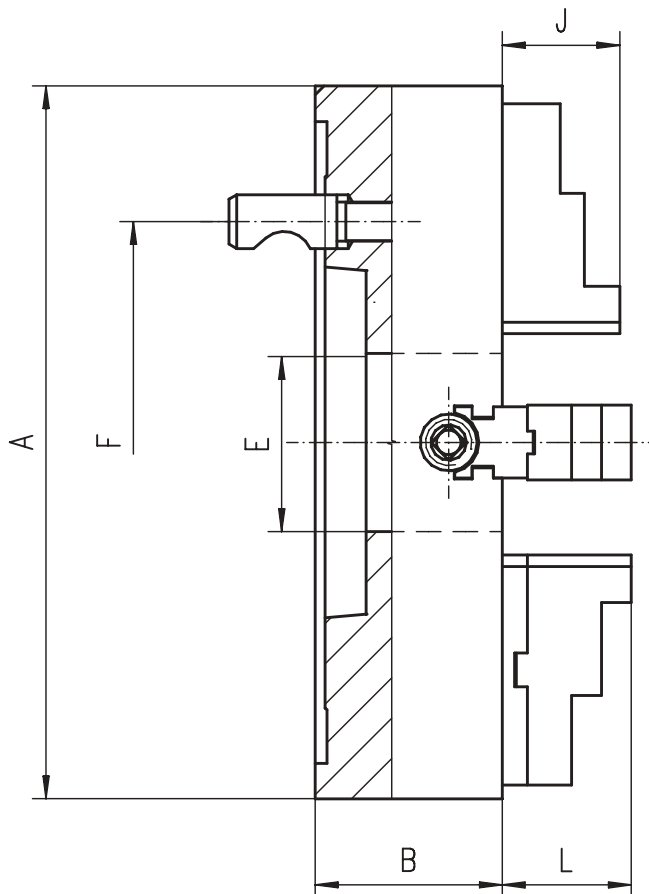
1 Set of hard top jaws



1 Set of hard master jaws



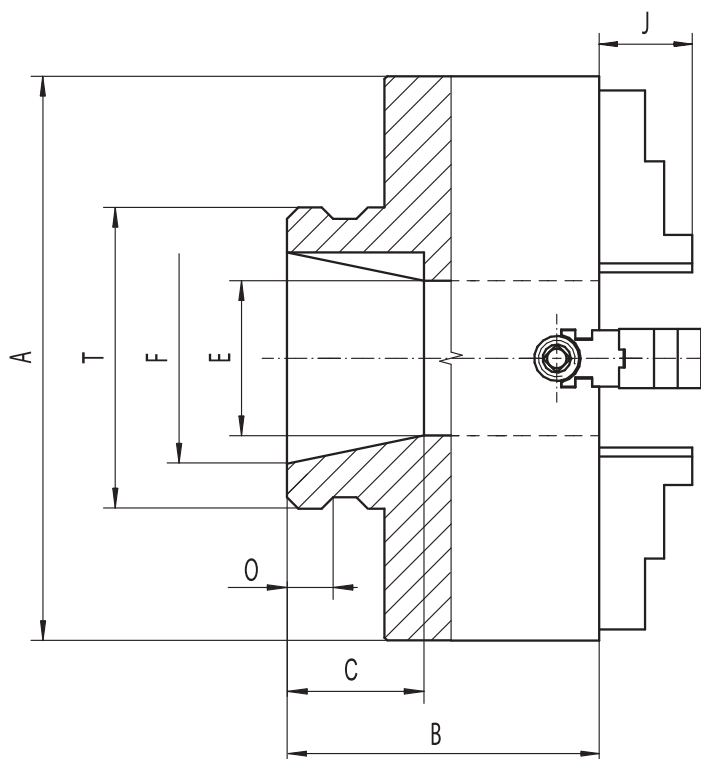
1 Wrench



■ Chucks above  $\varnothing 10"$  have additional T-slots

| Code No.   | Type        | A<br>[in] | Taper<br>Size | B<br>[in] | E<br>[in] | F<br>[in] | No. of<br>Stud bolts | J<br>[in] | L<br>[in] | Weight<br>[lbs] | Type        | Code No.    |
|------------|-------------|-----------|---------------|-----------|-----------|-----------|----------------------|-----------|-----------|-----------------|-------------|-------------|
| 7-853-0833 | 4344-8"-3   | 7.87      | 3             | 3.15      | 1.97      | 2.78      | 3                    | 1.59      | 1.83      | 36.38           | 4345-8"-3   | 7-853-08332 |
| 7-853-0834 | 4344-8"-4   | 7.87      | 4             | 3.15      | 1.97      | 3.25      | 3                    | 1.59      | 1.83      | 36.38           | 4345-8"-4   | 7-853-08342 |
| 7-853-0835 | 4344-8"-5   | 7.87      | 5             | 3.15      | 1.97      | 4.13      | 6                    | 1.59      | 1.83      | 36.38           | 4345-8"-5   | 7-853-08352 |
| 7-853-0836 | 4344-8"-6   | 7.87      | 6             | 3.15      | 1.97      | 5.25      | 6                    | 1.59      | 1.83      | 36.38           | 4345-8"-6   | 7-853-08362 |
| 7-853-1033 | 4344-10"-3  | 9.84      | 3             | 3.35      | 1.97      | 2.78      | 3                    | 1.59      | 2.38      | 60.63           | 4345-10"-3  | 7-853-10332 |
| 7-853-1034 | 4344-10"-4  | 9.84      | 4             | 3.35      | 2.36      | 3.25      | 3                    | 1.59      | 2.38      | 60.63           | 4345-10"-4  | 7-853-10342 |
| 7-853-1035 | 4344-10"-5  | 9.84      | 5             | 3.35      | 2.56      | 4.13      | 6                    | 1.59      | 2.38      | 60.63           | 4345-10"-5  | 7-853-10352 |
| 7-853-1036 | 4344-10"-6  | 9.84      | 6             | 3.35      | 2.56      | 5.25      | 6                    | 1.59      | 2.38      | 60.63           | 4345-10"-6  | 7-853-10362 |
| 7-853-1038 | 4344-10"-8  | 9.84      | 8             | 3.35      | 2.56      | 6.75      | 6                    | 1.59      | 2.38      | 60.63           | 4345-10"-8  | 7-853-10382 |
| 7-853-1235 | 4344-12"-5  | 12.40     | 5             | 3.74      | 3.15      | 4.13      | 6                    | 1.96      | 2.40      | 87.08           | 4345-12"-5  | 7-853-12352 |
| 7-853-1236 | 4344-12"-6  | 12.40     | 6             | 3.74      | 3.15      | 5.25      | 6                    | 1.96      | 2.40      | 87.08           | 4345-12"-6  | 7-853-12362 |
| 7-853-1238 | 4344-12"-8  | 12.40     | 8             | 3.74      | 3.15      | 6.75      | 6                    | 1.96      | 2.40      | 87.08           | 4345-12"-8  | 7-853-12382 |
| 7-853-1239 | 4344-12"-11 | 12.40     | 11            | 3.74      | 3.15      | 9.25      | 6                    | 1.96      | 2.40      | 87.08           | 4345-12"-11 | 7-853-12392 |
| 7-853-1636 | 4344-16"-6  | 15.75     | 6             | 4.13      | 3.94      | 5.25      | 6                    | 1.96      | 2.85      | 132.28          | 4345-16"-6  | 7-853-16362 |
| 7-853-1638 | 4344-16"-8  | 15.75     | 8             | 4.13      | 3.94      | 6.75      | 6                    | 1.96      | 2.85      | 132.28          | 4345-16"-8  | 7-853-16382 |
| 7-853-1639 | 4344-16"-11 | 15.75     | 11            | 4.13      | 3.94      | 9.25      | 6                    | 1.96      | 2.85      | 132.28          | 4345-16"-11 | 7-853-16392 |
| 7-853-2038 | 4344-20"-8  | 19.69     | 8             | 4.72      | 4.92      | 6.75      | 6                    | 2.35      | 3.85      | 210.54          | 4345-20"-8  | 7-853-20382 |
| 7-853-2039 | 4344-20"-11 | 19.69     | 11            | 4.72      | 4.92      | 9.25      | 6                    | 2.35      | 3.85      | 210.54          | 4345-20"-11 | 7-853-20392 |
| 7-853-2049 | 4344-20"-15 | 19.69     | 15            | 4.72      | 4.92      | 13.00     | 6                    | 2.35      | 3.85      | 210.54          | 4345-20"-15 | 7-853-20492 |
| 7-853-2538 | 4344-25"-8  | 24.80     | 8             | 5.51      | 4.92      | 6.75      | 6                    | 2.35      | 3.85      | 363.76          | 4345-25"-8  | 7-853-25382 |
| 7-853-2539 | 4344-25"-11 | 24.80     | 11            | 5.51      | 6.30      | 9.25      | 6                    | 2.35      | 3.85      | 363.76          | 4345-25"-11 | 7-853-25392 |
| 7-853-2549 | 4344-25"-15 | 24.80     | 15            | 5.51      | 6.30      | 13.00     | 6                    | 2.35      | 3.85      | 363.76          | 4345-25"-15 | 7-853-25492 |

- L-TYPE DIRECT MOUNT
- CAST IRON BODY



4354



Standard accessories



1 Set of solid reversible jaws



1 Wrench

■ Chucks above  $\phi 10"$  have additional T-slots

| A [in] | Taper Size | B [in] | C [in] | E [in] | E max [in] | F [in] | J [in] | O [in] | T [in]    | Weight [lbs] | Type         | Code No.   |
|--------|------------|--------|--------|--------|------------|--------|--------|--------|-----------|--------------|--------------|------------|
| 7.87   | L00        | 4.06   | 2.13   | 1.97   | 1.97       | 2-3/4  | 1.59   | 0.55   | 3-3/4 - 6 | 34           | 4354-8" L00  | 7-854-0841 |
| 7.87   | L0         | 4.45   | 2.52   | 1.97   | 1.97       | 3-1/4  | 1.59   | 0.59   | 4-1/2 - 6 | 34           | 4354-8" L0   | 7-854-0842 |
| 9.84   | L00        | 4.06   | 2.13   | 2.56   | 2.56       | 2-3/4  | 1.59   | 0.55   | 3-3/4 - 6 | 57           | 4354-10" L00 | 7-854-1041 |
| 9.84   | L0         | 4.45   | 2.52   | 2.56   | 2.95       | 3-1/4  | 1.59   | 0.59   | 4-1/2 - 6 | 57           | 4354-10" L0  | 7-854-1042 |
| 9.84   | L1         | 4.96   | 2.99   | 2.56   | 2.95       | 4-1/8  | 1.59   | 0.63   | 6 - 6     | 57           | 4354-10" L1  | 7-854-1043 |
| 12.40  | L0         | 4.72   | 2.52   | 3.15   | 3.35       | 3-1/4  | 1.96   | 0.59   | 4-1/2 - 6 | 119          | 4354-12" L0  | 7-854-1242 |
| 12.40  | L1         | 5.20   | 2.99   | 3.15   | 3.78       | 4-1/8  | 1.96   | 0.63   | 6 - 6     | 119          | 4354-12" L1  | 7-854-1243 |
| 12.40  | L2         | 5.71   | 3.50   | 3.15   | 3.62       | 5-1/4  | 1.96   | 0.87   | 7-3/4 - 5 | 119          | 4354-12" L2  | 7-854-1244 |
| 15.75  | L1         | 5.20   | 2.99   | 3.94   | 4.13       | 4-1/8  | 1.96   | 0.63   | 6 - 6     | 154          | 4354-16" L1  | 7-854-1643 |
| 15.75  | L2         | 5.71   | 3.50   | 3.94   | 4.72       | 5-1/4  | 1.96   | 0.87   | 7-3/4 - 5 | 154          | 4354-16" L2  | 7-854-1644 |
| 19.69  | L2         | 6.06   | 3.50   | 4.92   | 5.31       | 5-1/4  | 2.35   | 0.87   | 7-3/4 - 5 | 256          | 4354-20" L2  | 7-854-2044 |



## 4-JAW INDEPENDENT CHUCKS

- A-TYPE DIRECT MOUNT
- FORGED STEEL BODY



4317



Standard accessories



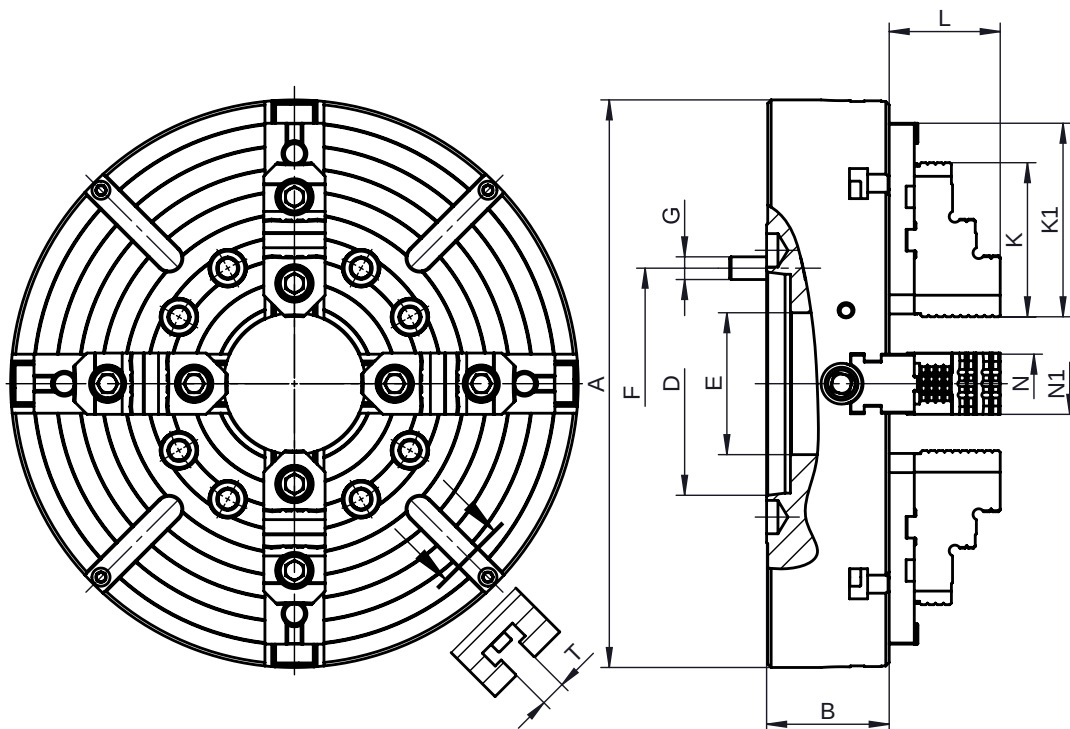
1 Set of hard top jaws



1 Set of hard master jaws



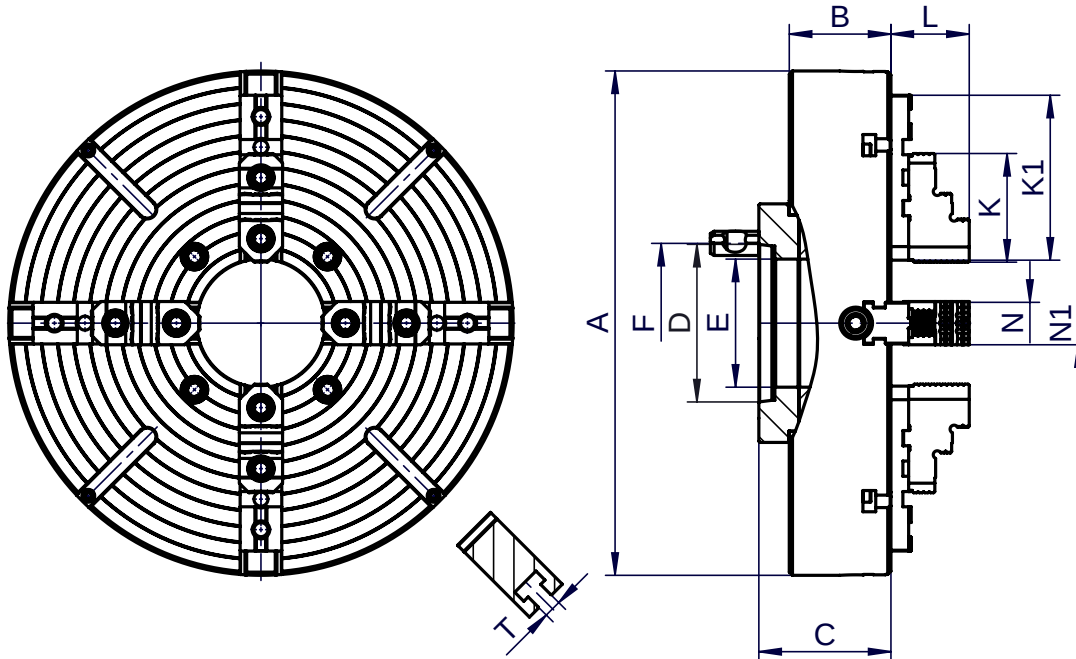
1 Wrench



■ Chucks above ø10" have additional T-slots

| Code No.    | Type        | A<br>[in] | Taper<br>Size | B<br>[in] | D<br>[in] | E<br>[in] | F<br>[in] | G     | K<br>[in] | K1<br>[in] | L<br>[in] | N<br>[in] | N1<br>[in] | T<br>[mm] | Weight<br>[lbs] |
|-------------|-------------|-----------|---------------|-----------|-----------|-----------|-----------|-------|-----------|------------|-----------|-----------|------------|-----------|-----------------|
| 7-856-0816F | 4317-8"-6   | 7.87      | 6             | 2.89      | 4.19      | 1.97      | 5.25      | 4xM12 | 3.23      | 3.11       | 1.83      | 1.26      | 1.34       | -         | 40              |
| 7-856-1016F | 4317-10"-6  | 9.84      | 6             | 3.09      | 4.19      | 2.56      | 5.25      | 4xM12 | 3.8       | 3.7        | 2.38      | 1.26      | 1.34       | 14        | 60              |
| 7-856-1018F | 4317-10"-8  | 9.84      | 8             | 3.09      | 5.5       | 2.56      | 6.75      | 4xM16 | 3.8       | 3.7        | 2.38      | 1.26      | 1.34       | 14        | 60              |
| 7-856-1216F | 4317-12"-6  | 12.4      | 6             | 3.46      | 4.19      | 3.15      | 5.25      | 8xM12 | 4.43      | 4.33       | 2.4       | 1.57      | 1.65       | 18        | 115             |
| 7-856-1218F | 4317-12"-8  | 12.4      | 8             | 3.46      | 5.5       | 3.15      | 6.75      | 4xM16 | 4.43      | 4.33       | 2.4       | 1.57      | 1.65       | 18        | 115             |
| 7-856-1616F | 4317-16"-6  | 15.75     | 6             | 3.66      | 4.19      | 3.94      | 5.25      | 8xM12 | 5.08      | 5.08       | 2.85      | 1.57      | 1.65       | 18        | 194             |
| 7-856-1618F | 4317-16"-8  | 15.75     | 8             | 3.66      | 5.5       | 3.94      | 6.75      | 4xM16 | 5.08      | 5.08       | 2.85      | 1.57      | 1.65       | 18        | 194             |
| 7-856-1619F | 4317-16"-11 | 15.75     | 11            | 3.66      | 7.75      | 3.94      | 9.25      | 4xM20 | 5.08      | 5.08       | 2.85      | 1.57      | 1.65       | 18        | 194             |
| 7-856-2018F | 4317-20"-8  | 19.69     | 8             | 4.25      | 5.5       | 4.92      | 6.75      | 8xM16 | 5.35      | 6.61       | 3.85      | 2.05      | 2.13       | 22        | 352             |
| 7-856-2019F | 4317-20"-11 | 19.69     | 11            | 4.25      | 7.75      | 4.92      | 9.25      | 8xM20 | 5.35      | 6.61       | 3.85      | 2.05      | 2.13       | 22        | 352             |
| 7-856-2020F | 4317-20"-15 | 19.69     | 15            | 4.25      | 11.25     | 4.92      | 13        | 4xM24 | 5.35      | 6.61       | 3.85      | 2.05      | 2.13       | 22        | 352             |
| 7-856-2519F | 4317-25"-11 | 24.8      | 11            | 5.04      | 7.75      | 6.3       | 9.25      | 8xM24 | 5.35      | 8.11       | 3.85      | 2.05      | 2.13       | 22        | 616             |
| 7-856-2520F | 4317-25"-15 | 24.8      | 15            | 5.04      | 11.25     | 6.3       | 13        | 4xM24 | 5.35      | 8.11       | 3.85      | 2.05      | 2.13       | 22        | 616             |
| 7-856-3219F | 4317-32"-11 | 31.5      | 11            | 5.83      | 7.75      | 7.08      | 9.25      | 8xM20 | 5.35      | 8.11       | 3.69      | 2.76      | 2.83       | 22        | 1129            |
| 7-856-3220F | 4317-32"-15 | 31.5      | 15            | 5.83      | 11.25     | 7.87      | 13        | 8xM24 | 5.35      | 8.11       | 3.69      | 2.76      | 2.83       | 22        | 1129            |
| 7-856-3229F | 4317-32"-20 | 31.5      | 20            | 5.83      | 16.25     | 7.87      | 18.25     | 8xM24 | 5.35      | 8.11       | 3.69      | 2.76      | 2.83       | 22        | 1129            |
| 7-856-4015F | 4317-40"-15 | 39.37     | 15            | 6.14      | 11.25     | 7.48      | 13        | 8xM24 | 6.3       | 9.61       | 4.05      | 2.76      | 2.83       | 28        | 1980            |
| 7-856-4020F | 4317-40"-20 | 39.37     | 20            | 6.14      | 16.25     | 7.48      | 18.25     | 8xM24 | 6.3       | 9.61       | 4.05      | 2.76      | 2.83       | 28        | 1980            |
| 7-856-4915F | 4317-49"-15 | 49.21     | 15            | 6.14      | 11.25     | 7.48      | 13        | 8xM24 | 6.3       | 9.61       | 4.05      | 2.76      | 2.83       | 28        | 3102            |
| 7-856-4920F | 4317-49"-20 | 49.21     | 20            | 6.14      | 16.25     | 7.48      | 18.25     | 8xM24 | 6.3       | 9.61       | 4.05      | 2.76      | 2.83       | 28        | 3102            |

- D-TYPE DIRECT MOUNT
- FORGED STEEL BODY



■ Chucks above  $\phi 10''$  have additional T-slots

4347



Standard accessories



1 Set of hard top jaws



1 Set of hard master jaws



1 Wrench

| A<br>[in] | Taper<br>Size | B<br>[in] | C<br>[in] | D<br>[in] | E<br>[in] | F<br>[in] | K<br>[in] | K1<br>[in] | L<br>[in] | N<br>[in] | N1<br>[in] | T<br>[mm] | Weight<br>[lbs] | Type        | Code No.    |
|-----------|---------------|-----------|-----------|-----------|-----------|-----------|-----------|------------|-----------|-----------|------------|-----------|-----------------|-------------|-------------|
| 7.87      | 4             | 2.85      | 4.47      | 2.5       | 1.97      | 3.25      | 3.23      | 3.11       | 1.83      | 1.26      | 1.34       | -         | 42              | 4347-8"-4   | 7-857-0834F |
| 7.87      | 5             | 2.85      | 4.31      | 3.25      | 1.97      | 4.13      | 3.23      | 3.11       | 1.83      | 1.26      | 1.34       | -         | 47              | 4347-8"-5   | 7-857-0835F |
| 7.87      | 6             | 2.85      | 4.23      | 4.19      | 1.97      | 5.25      | 3.23      | 3.11       | 1.83      | 1.26      | 1.34       | -         | 51              | 4347-8"-6   | 7-857-0836F |
| 9.84      | 5             | 3.05      | 5.14      | 3.25      | 2.56      | 4.13      | 3.8       | 3.7        | 2.38      | 1.26      | 1.34       | 14        | 77              | 4347-10"-5  | 7-857-1035F |
| 9.84      | 6             | 3.05      | 4.74      | 4.19      | 2.56      | 5.25      | 3.8       | 3.7        | 2.38      | 1.26      | 1.34       | 14        | 80              | 4347-10"-6  | 7-857-1036F |
| 9.84      | 8             | 3.05      | 4.59      | 5.5       | 2.56      | 6.75      | 3.8       | 3.7        | 2.38      | 1.26      | 1.34       | 14        | 86              | 4347-10"-8  | 7-857-1038F |
| 12.4      | 6             | 3.43      | 5.91      | 4.19      | 3.15      | 5.25      | 4.43      | 4.33       | 2.4       | 1.57      | 1.65       | 18        | 139             | 4347-12"-6  | 7-857-1236F |
| 12.4      | 8             | 3.43      | 5.51      | 5.5       | 3.15      | 6.75      | 4.43      | 4.33       | 2.4       | 1.57      | 1.65       | 18        | 148             | 4347-12"-8  | 7-857-1238F |
| 15.75     | 6             | 3.62      | 4.53      | 4.19      | 3.94      | 5.25      | 5.08      | 5.08       | 2.85      | 1.57      | 1.65       | 18        | 207             | 4347-16"-6  | 7-857-1636F |
| 15.75     | 8             | 3.62      | 5.98      | 5.5       | 3.94      | 6.75      | 5.08      | 5.08       | 2.85      | 1.57      | 1.65       | 18        | 231             | 4347-16"-8  | 7-857-1638F |
| 15.75     | 11            | 3.62      | 5.59      | 7.75      | 3.94      | 9.25      | 5.08      | 5.08       | 2.85      | 1.57      | 1.65       | 18        | 247             | 4347-16"-11 | 7-857-1639F |
| 19.69     | 8             | 4.21      | 5.24      | 5.5       | 4.92      | 6.75      | 5.35      | 6.61       | 3.85      | 2.05      | 2.13       | 22        | 379             | 4347-20"-8  | 7-857-2038F |
| 19.69     | 11            | 4.21      | 5.51      | 7.75      | 4.92      | 9.25      | 5.35      | 6.61       | 3.85      | 2.05      | 2.13       | 22        | 381             | 4347-20"-11 | 7-857-2039F |
| 24.8      | 8             | 5         | 6.02      | 5.5       | 5.35      | 6.75      | 5.35      | 8.11       | 3.85      | 2.05      | 2.13       | 22        | 636             | 4347-25"-8  | 7-857-2538F |
| 24.8      | 11            | 5         | 6.5       | 7.75      | 6.3       | 9.25      | 5.35      | 8.11       | 3.85      | 2.05      | 2.13       | 22        | 647             | 4347-25"-11 | 7-857-2539F |
| 24.8      | 15            | 5         | 6.93      | 11.25     | 6.3       | 13        | 5.35      | 8.11       | 3.85      | 2.05      | 2.13       | 22        | 696             | 4347-25"-15 | 7-857-2540F |
| 31.5      | 11            | 5.79      | 7.09      | 7.75      | 7.56      | 9.25      | 5.35      | 8.11       | 3.69      | 2.76      | 2.83       | 22        | 1195            | 4347-32"-11 | 7-857-3239F |
| 31.5      | 15            | 5.79      | 7.2       | 11.25     | 7.87      | 13        | 5.35      | 8.11       | 3.69      | 2.76      | 2.83       | 22        | 1184            | 4347-32"-15 | 7-857-3240F |



# 4-JAW INDEPENDENT CHUCKS

- EXTRA HEAVY DUTY WITH LARGE THROUGH-HOLE
- PLAIN BACK MOUNT



4307 HD



Standard accessories



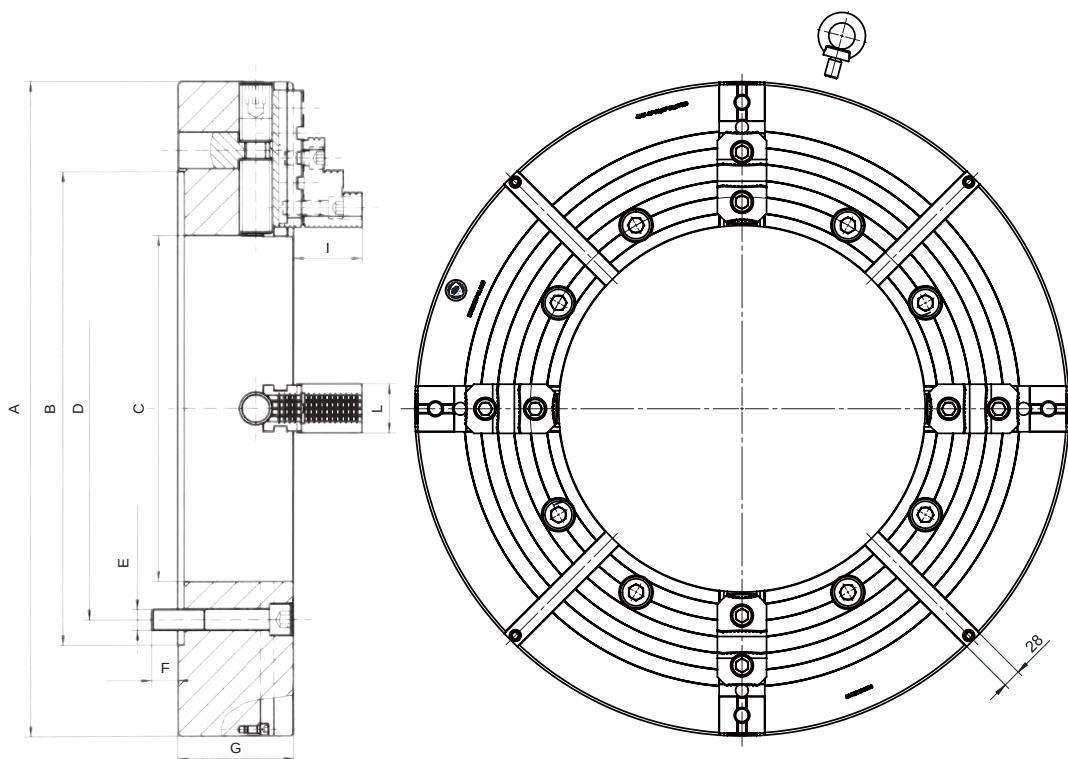
1 Set of hard top jaws



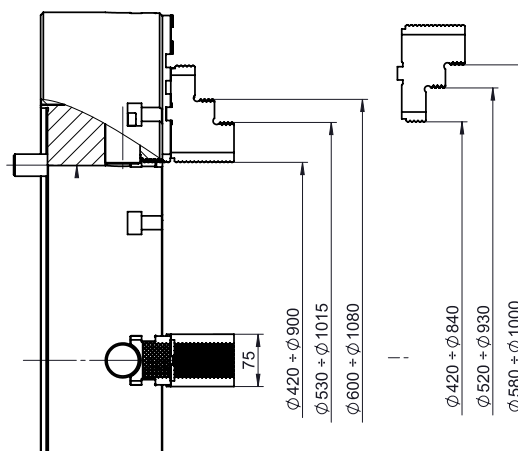
1 Set of hard master jaws



1 Wrench



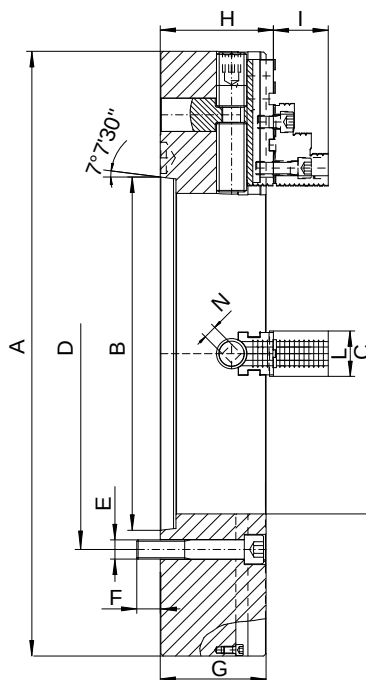
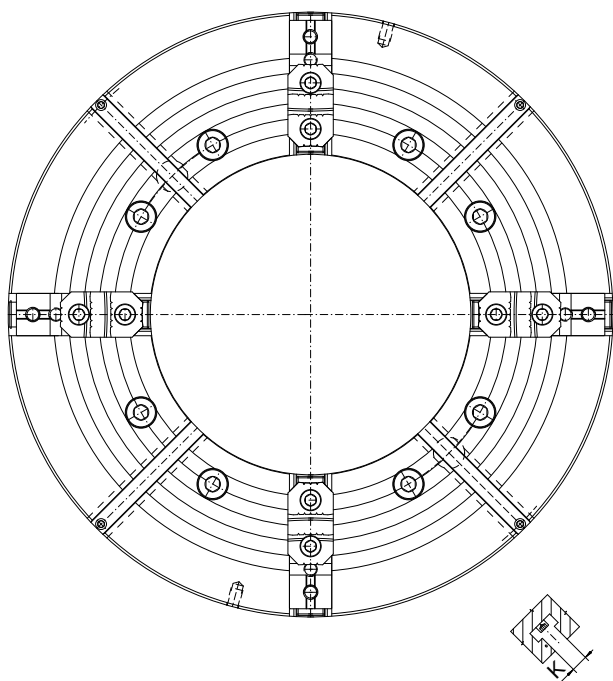
Gripping Ranges [mm]



- BISON OIL COUNTRY CHUCKS HD with large through-holes are designed for gripping long and heavy workpieces or pipes during heavy-duty (HD) machining
- High gripping force
- High accuracy
- Heavy-duty operations
- Chucks can work individually or in pairs, mounted on opposite sides of the lathe spindle

| Type               | Code No.   | A [in] | B [in] | C [in] | D [in] | E        | F [in] | G [in] | I [in] | K [in] | L [in] | Clamping range [in] | Torque on wrench [lb/ft] | Gripping force per jaw [lbf] | Max. rpm | Weight [lbs] |
|--------------------|------------|--------|--------|--------|--------|----------|--------|--------|--------|--------|--------|---------------------|--------------------------|------------------------------|----------|--------------|
| 4307-40"-22.05" HD | 7-859-4021 | 39.37" | 28.54  | 22.05" | 25.49  | 1.1/4"-7 | 1.53   | 6.89   | 4.05   | 1.10   | 2.95   | 16.54 - 39.37       | 370                      | 11,240                       | 430      | 1,690        |

- EXTRA HEAVY DUTY WITH LARGE THROUGH-HOLE
- A-TYPE DIRECT MOUNT



4317 HD



Standard accessories



1 Set of hard top jaws



1 Set of hard master jaws



1 Wrench

- BISON OIL COUNTRY CHUCKS HD with large through-holes are designed for gripping long and heavy workpieces or pipes during heavy-duty (HD) machining
- High gripping force
- High accuracy
- Heavy-duty operations
- Chucks can work individually or in pairs, mounted on opposite sides of the lathe spindle

| A<br>[in] | Taper<br>Size | B<br>[in] | C<br>[in] | D<br>[in] | E     | F<br>[in] | G<br>[in] | H<br>[in] | I<br>[in] | K<br>[in] | L<br>[in] | N<br>[in] | Clamping range<br>[in] | Torque on<br>wrench<br>[lb/ft] | Gripping<br>force per jaw<br>[lbf] | Max.<br>rpm | Weight<br>[lbs] | Type                 | Code No.   |
|-----------|---------------|-----------|-----------|-----------|-------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------------------|--------------------------------|------------------------------------|-------------|-----------------|----------------------|------------|
| 16.34     | 8             | 5.50      | 5.35      | 6.75      | 4xM16 | 0.84      | 5.71      | 6.07      | 2.98      | 0.71      | 2.44      | 0.75      | 1.77 - 16.34           | 259                            | 7,190                              | 1,200       | 320             | 4317-16"-8-5.3" HD   | 7-859-1620 |
| 16.34     | 11            | 7.75      | 6.61      | 9.25      | 4xM20 | 1.00      | 5.71      | 6.07      | 2.98      | 0.71      | 2.44      | 0.75      | 1.77 - 16.34           | 259                            | 7,190                              | 1,200       | 302             | 4317-16"-11-6.5" HD  | 7-859-1625 |
| 19.69     | 11            | 7.75      | 6.61      | 9.25      | 8xM20 | 1.00      | 5.71      | 6.07      | 2.98      | 0.87      | 2.36      | 0.75      | 1.77 - 19.69           | 259                            | 7,190                              | 1,000       | 450             | 4317-20"-11-6.5" HD  | 7-859-2033 |
| 19.69     | 15            | 11.25     | 8.07      | 13.00     | 8xM24 | 1.24      | 5.71      | 6.07      | 2.98      | 0.87      | 2.36      | 0.75      | 1.77 - 19.69           | 259                            | 7,190                              | 1,000       | 414             | 4317-20"-15-8" HD    | 7-859-2043 |
| 24.80     | 15            | 11.25     | 10.63     | 13.00     | 8xM24 | 1.34      | 6.10      | 6.58      | 3.57      | 0.87      | 2.95      | 0.87      | 1.97 - 24.80           | 296                            | 8,320                              | 850         | 683             | 4317-25"-15-10.5" HD | 7-859-2543 |
| 24.80     | 20            | 16.25     | 10.63     | 18.25     | 8xM24 | 1.50      | 6.10      | 6.58      | 3.57      | 0.87      | 2.95      | 0.87      | 1.97 - 24.80           | 296                            | 8,320                              | 850         | 650             | 4317-25"-20-10.5" HD | 7-859-2550 |
| 24.80     | 20            | 16.25     | 12.60     | 18.25     | 8xM24 | 1.50      | 6.10      | 6.58      | 3.57      | 0.87      | 2.95      | 0.87      | 1.97 - 24.80           | 296                            | 8,320                              | 850         | 661             | 4317-25"-20-12.5" HD | 7-859-2555 |
| 27.95     | 15            | 11.25     | 10.63     | 13.00     | 8xM24 | 1.34      | 6.10      | 6.58      | 3.57      | 0.87      | 2.95      | 0.87      | 2.95 - 27.95           | 331                            | 9,217                              | 750         | 914             | 4317-28"-15-10.5" HD | 7-859-2845 |
| 27.95     | 20            | 16.25     | 12.60     | 18.25     | 8xM24 | 1.50      | 6.10      | 6.58      | 3.57      | 0.87      | 2.95      | 0.87      | 3.94 - 27.95           | 331                            | 9,217                              | 750         | 870             | 4317-28"-20-12.5" HD | 7-859-2853 |
| 31.50     | 15            | 11.25     | 10.63     | 13.00     | 8xM24 | 1.34      | 6.50      | 6.97      | 3.57      | 0.87      | 2.95      | 0.87      | 2.95 - 31.50           | 331                            | 9,217                              | 600         | 1,289           | 4317-32"-15-10.5" HD | 7-859-3243 |
| 31.50     | 20            | 16.25     | 12.60     | 18.25     | 8xM24 | 1.50      | 6.50      | 6.97      | 3.57      | 0.87      | 2.95      | 0.87      | 4.53 - 31.50           | 331                            | 9,217                              | 600         | 1,245           | 4317-32"-20-12.5" HD | 7-859-3255 |
| 31.50     | 20            | 16.25     | 14.57     | 18.25     | 8xM24 | 1.50      | 6.50      | 6.97      | 3.57      | 0.87      | 2.95      | 0.87      | 6.10 - 31.50           | 331                            | 9,217                              | 600         | 1,201           | 4317-32"-20-14.5" HD | 7-859-3257 |
| 39.37     | 28            | 23.00     | 20.87     | 25.50     | 8xM30 | 1.53      | 6.89      | 7.37      | 3.57      | 1.10      | 2.95      | 0.87      | 13.78 - 39.37          | 368                            | 10,116                             | 430         | 1,686           | 4317-40"-28-20.5" HD | 7-859-4063 |
| 49.21     | 15            | 11.25     | 11.06     | 13.00     | 8xM24 | 1.13      | 6.89      | 7.37      | 3.57      | 1.10      | 2.95      | 0.87      | 3.94 - 49.21           | 368                            | 11,240                             | 350         | 3,540           | 4317-49"-15-11" HD   | 7-859-4915 |



## 4-JAW INDEPENDENT CHUCKS

- EXTRA HEAVY DUTY WITH LARGE THROUGH-HOLE
- D-TYPE DIRECT MOUNT



4347 HD



Standard accessories



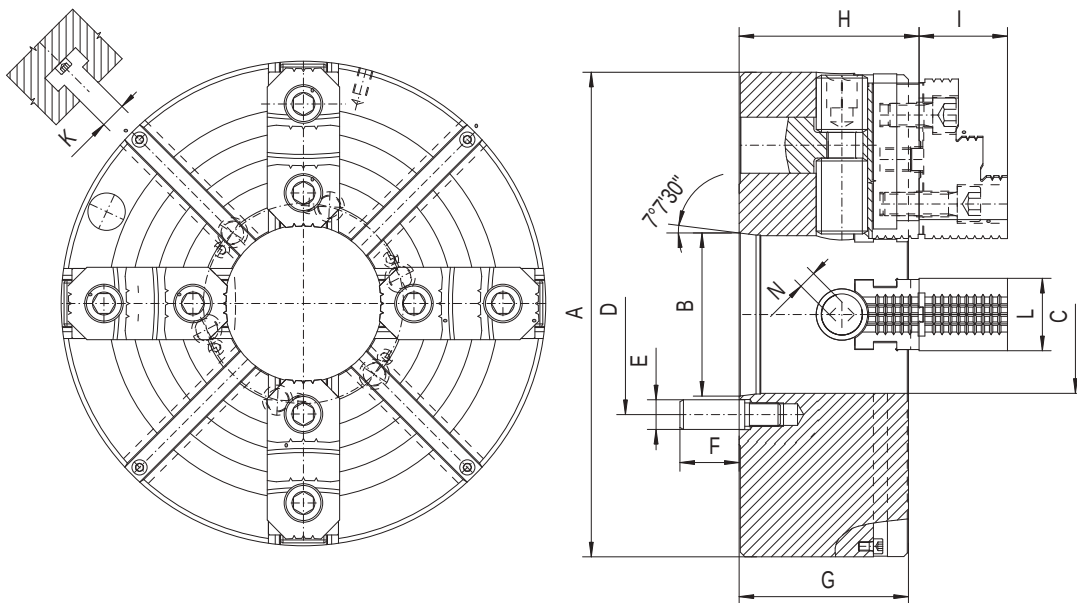
1 Set of hard top jaws



1 Set of hard master jaws



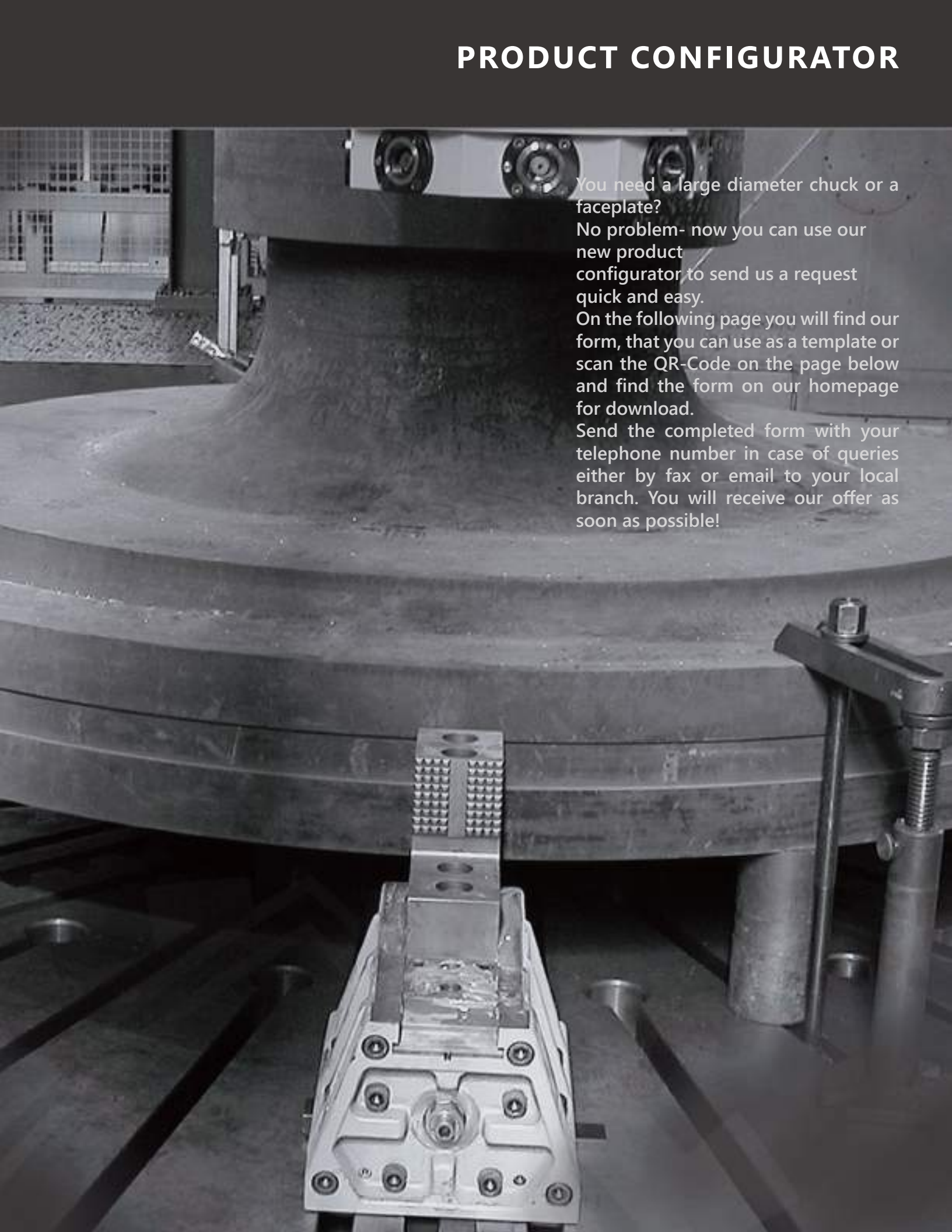
1 Wrench



- BISON OIL COUNTRY CHUCKS HD with large through-holes are designed for gripping long and heavy workpieces or pipes during heavy-duty (HD) machining
- High gripping force
- High accuracy
- Heavy-duty operations
- Chucks can work individually or in pairs, mounted on opposite sides of the lathe spindle

| Code No.   | Type                | A<br>[in] | Taper<br>Size | B<br>[in] | C<br>[in] | D<br>[in] | E<br>[in] | F<br>[in] | G<br>[in] | H<br>[in] | I<br>[in] | K<br>[in] | L<br>[in] | N<br>[in] | Clamping<br>range<br>[in] | Torque on<br>wrench<br>[lb/ft] | Gripping<br>force<br>per jaw<br>[lbf] | Max.<br>rpm | Weight<br>[lbs] |
|------------|---------------------|-----------|---------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------------------------|--------------------------------|---------------------------------------|-------------|-----------------|
| 7-859-6150 | 4347-16"-8-5.3" HD  | 16.34     | 8             | 5.50      | 5.35      | 6.75      | 1.00      | 2.00      | 5.71      | 6.07      | 2.98      | 0.71      | 2.36      | 0.75      | 1.77 - 15.75              | 259                            | 7,190                                 | 1,200       | 300             |
| 7-859-6153 | 4347-16"-11-6.5" HD | 16.34     | 11            | 7.75      | 6.61      | 9.25      | 1.19      | 2.39      | 5.71      | 6.07      | 2.98      | 0.71      | 2.36      | 0.75      | 1.77 - 15.75              | 259                            | 7,190                                 | 1,200       | 282             |
| 7-859-6200 | 4347-20"-8-5.3" HD  | 19.69     | 8             | 5.50      | 5.35      | 6.75      | 1.00      | 2.00      | 5.71      | 6.07      | 2.98      | 0.87      | 2.36      | 0.75      | 1.77 - 19.69              | 259                            | 7,190                                 | 1,000       | 467             |
| 7-859-6203 | 4347-20"-11-6.5" HD | 19.69     | 11            | 7.75      | 6.61      | 9.25      | 1.19      | 2.39      | 5.71      | 6.07      | 2.98      | 0.87      | 2.36      | 0.75      | 1.77 - 19.69              | 259                            | 7,190                                 | 1,000       | 452             |
| 7-859-6839 | 4347-28"-11-7.5" HD | 27.95     | 11            | 7.75      | 7.56      | 9.25      | 1.19      | 2.39      | 6.10      | 6.58      | 3.57      | 0.87      | 2.95      | 0.87      | 2.95 - 27.95              | 331                            | 9,217                                 | 750         | 992             |

# PRODUCT CONFIGURATOR

A black and white photograph of a large industrial machine, likely a lathe. The central feature is a massive, dark, cylindrical rotating chuck. Above it, a horizontal tool holder with three circular openings is visible. In the foreground, a complex metal tool holder or fixture is mounted on a base, featuring several bolts and a central threaded hole. To the right, a vertical rod with a handle is attached to the machine's frame. The background shows a factory setting with a metal fence.

You need a large diameter chuck or a faceplate?

No problem- now you can use our new product configurator to send us a request quick and easy.

On the following page you will find our form, that you can use as a template or scan the QR-Code on the page below and find the form on our homepage for download.

Send the completed form with your telephone number in case of queries either by fax or email to your local branch. You will receive our offer as soon as possible!



1

## PRODUCT TYPE

- ☐ SELF-CENTERING SCROLL CHUCK ☐ INDEPENDENT CHUCK
- ☐ COMBINATION CHUCK ☐ FACE PLATE

## MOUNTING

- ☐ CYLINDRICAL MOUNTING ☐ DIN 55027 (TYPE C)
- ☐ DIN 55026 (TYPE A) ☐ DIN 55029 (TYPE D)

## SIZE

PLEASE SPECIFY YOUR SIZE:

..... IN/MM

2

3

4

5

## DESIRED Ø OF THROUGH-HOLE

PLEASE SPECIFY YOUR Ø OF THROUGH-HOLE:

..... IN/MM

## TAPER

- ☐ 8 ☐ 11 ☐ 15 ☐ 20 ☐ 28

## NUMBER OF JAWS

- ☐ 2 ☐ 3 ☐ 4 ☐ 6 ☐ 8 ☐ 12

## JAWS TYPE

- ☐ HARD SOLID JAWS ☐ HARD 2-PIECE JAWS
- ☐ SOFT SOLID JAWS ☐ SOFT 2-PIECE JAWS

## BODY MATERIAL

- ☐ STEEL ☐ CAST IRON

## HIGHER ACCURACY

- ☐ YES ☐ NO

## HEAVY DUTY

- ☐ YES ☐ NO

## JAW GUIDE PROTECTION

- ☐ YES ☐ NO

## FRONT MOUNTING

- ☐ YES ☐ NO

## CONTACT DETAILS

COMPANY NAME:

PHONE NUMBER:

CONTACT PERSON:

E-MAIL:

ADDRESS:

For printable version of this form and more information please visit [www.bison-america.com](http://www.bison-america.com)

 SIMPLY EMAIL TO:  
[INFO@BISON-AMERICA.COM](mailto:INFO@BISON-AMERICA.COM)

- CAST IRON BODY
- PLAIN BACK MOUNT WITH OPTIONAL ADAPTER PLATE



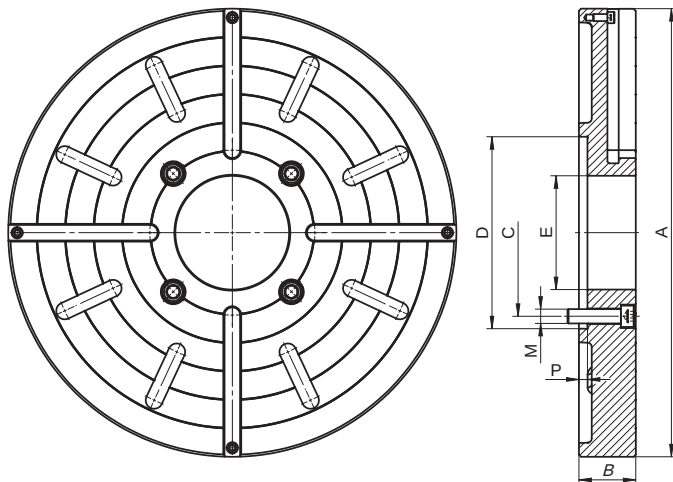
4200

- Plates above  $\varnothing 40"$  have additional T-slots
- Available with A, C & D mount type
- Used in turning, drilling, reaming and milling of irregular shaped workpieces

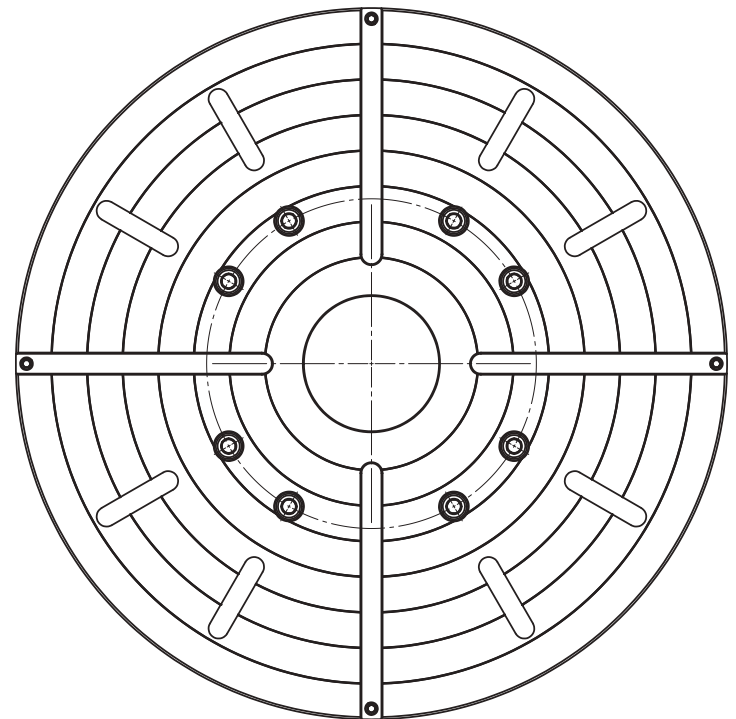


Size 16 - 40"

Size 49 - 79"



T-Slot



| Code No.   | Type     | $\varnothing A$<br>[in] | B<br>[in] | C<br>[in] | D<br>[in] | E<br>[in] | M     | P<br>[in] | T H12<br>[in] | Taper Size<br>(optional) |    |    |    |
|------------|----------|-------------------------|-----------|-----------|-----------|-----------|-------|-----------|---------------|--------------------------|----|----|----|
| 7-839-1600 | 4200-16" | 15.75                   | 3.07      | 6.75      | 7.87      | 3.94      | 4xM16 | 0.39      | 0.71          | 6                        | 8  | 11 | 15 |
| 7-839-2000 | 4200-20" | 19.69                   | 3.07      | 9.25      | 10.63     | 4.92      | 4xM20 | 0.47      | 0.87          | 6                        | 8  | 11 | 15 |
| 7-839-2500 | 4200-25" | 24.80                   | 3.15      | 9.25      | 10.63     | 6.30      | 4xM20 | 0.47      | 0.87          | 11                       |    |    | 15 |
| 7-839-3200 | 4200-32" | 31.50                   | 3.35      | 13.00     | 14.96     | 7.87      | 8xM24 | 0.47      | 0.87          | 11                       |    |    | 15 |
| 7-839-4000 | 4200-40" | 39.37                   | 3.54      | 18.25     | 20.47     | 7.48      | 8xM24 | 0.47      | 1.10          | 11                       | 15 |    | 20 |
| 7-839-4900 | 4200-49" | 49.21                   | 3.54      | 18.25     | 20.47     | 7.48      | 8xM24 | 0.47      | 1.10          | 11                       | 15 |    | 20 |
| 7-839-5500 | 4200-55" | 55.12                   | 3.74      | 25.50     | 28.35     | 7.48      | 8xM30 | 0.47      | 1.10          | 11                       | 15 | 20 | 28 |
| 7-839-6300 | 4200-63" | 62.99                   | 4.33      | 25.50     | 28.35     | 11.02     | 8xM30 | 0.47      | 1.10          | 15                       | 20 |    | 28 |
| 7-839-7100 | 4200-71" | 70.87                   | 4.72      | 25.50     | 28.35     | 11.02     | 8xM30 | 0.47      | 1.10          | 15                       | 20 |    | 28 |
| 7-839-7900 | 4200-79" | 78.74                   | 5.51      | 25.50     | 28.35     | 11.02     | 8xM30 | 0.47      | 1.10          | 15                       | 20 |    | 28 |



# BIG DIAMETER SELF-CENTERING CHUCKS

- FORGED STEEL BODY WITH 3 JAWS
- PLAIN BACK MOUNT WITH OPTIONAL ADAPTER PLATE



3505



Standard accessories



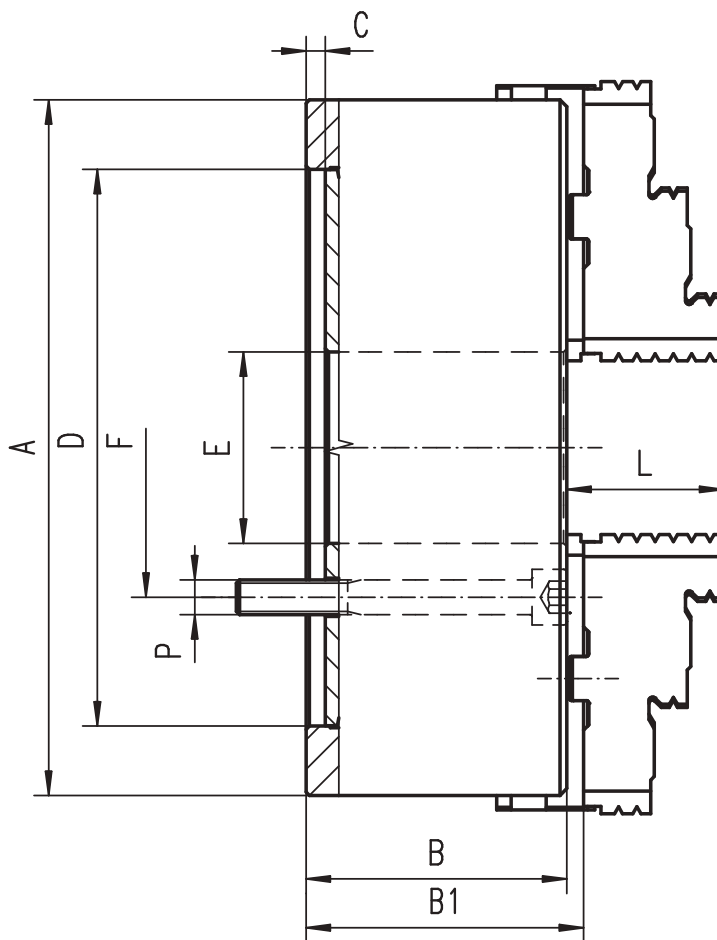
1 Set of hard top jaws



1 Set of hard master jaws



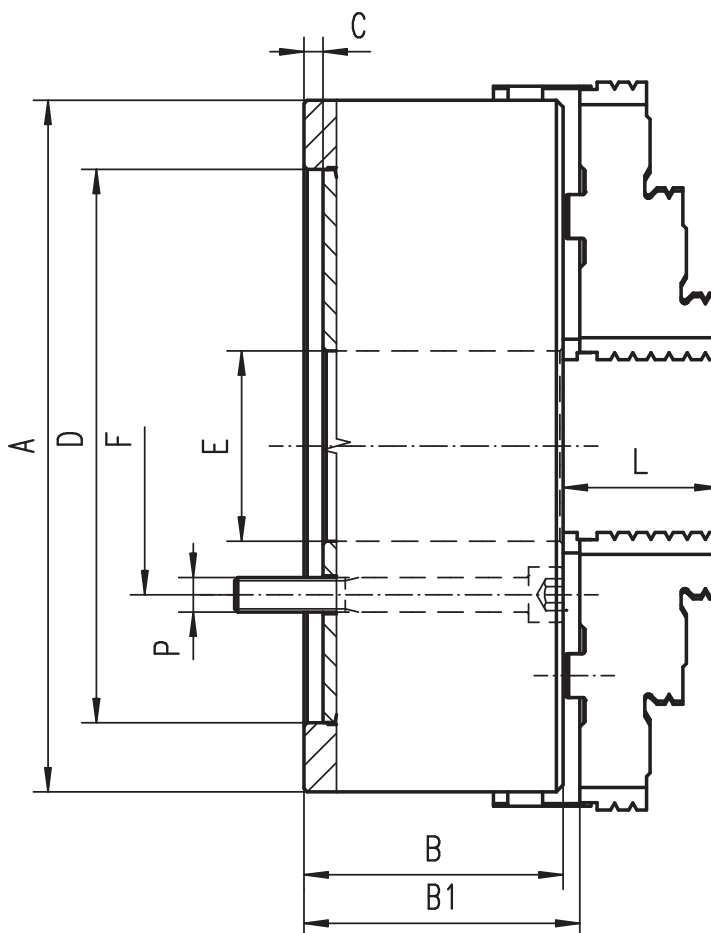
1 Wrench



- Hardened and ground working surfaces
- Balanced scroll plate
- Chucks have additional T-slots

| Code No.   | Type     | Ø A<br>[in] | B<br>[in] | B1<br>[in] | C<br>[in] | D H7<br>[in] | E<br>[in] | F<br>[in] | P     | L<br>[in] | Weight<br>[lbs] | Taper Size<br>(optional) |    |    |
|------------|----------|-------------|-----------|------------|-----------|--------------|-----------|-----------|-------|-----------|-----------------|--------------------------|----|----|
| 7-820-3200 | 3505-32" | 31.50       | 5.51      | 5.96       | 0.47      | 14.96        | 11.08     | 13        | 6xM24 | 3.42      | 1133            | 8                        | 11 | 15 |
| 7-820-4000 | 3505-40" | 39.37       | 6.73      | 7.08       | 0.47      | 20.47        | 16.06     | 18.25     | 6xM24 | 3.92      | 1609            | 11                       | 15 | 20 |
| 7-820-4900 | 3505-49" | 49.21       | 6.89      | 7.24       | 0.47      | 28.35        | 22.76     | 25.50     | 6xM30 | 3.92      | 2755            | 15                       | 20 | 28 |
| 7-820-5500 | 3505-55" | 55.12       | 7.28      | 7.63       | 0.47      | 28.35        | 22.76     | 25.50     | 6xM30 | 3.92      | 3527            | 15                       | 20 | 28 |
| 7-820-6300 | 3505-63" | 62.99       | 7.48      | 7.81       | 0.47      | 28.35        | 22.76     | 25.50     | 6xM30 | 4.02      | 4409            | 20                       | 28 |    |
| 7-820-7100 | 3505-71" | 70.87       | 7.87      | 8.20       | 0.47      | 28.35        | 22.76     | 25.50     | 6xM30 | 4.02      | 6613            | 20                       | 28 |    |
| 7-820-7900 | 3505-79" | 78.74       | 8.27      | 8.59       | 0.47      | 28.35        | 22.76     | 25.50     | 6xM30 | 4.02      | 8818            | 20                       | 28 |    |

- CAST IRON BODY WITH 3 JAWS
- PLAIN BACK MOUNT WITH OPTIONAL ADAPTER PLATE



- Ground working surfaces
- Chucks above  $\varnothing 40"$  have additional T-slots

3205



Standard accessories



1 Set of hard top jaws



1 Set of hard master jaws



1 Wrench

| Code No.    | Type           | Ø A<br>[in] | B<br>[in] | B1<br>[in] | C<br>[in] | D H7<br>[in] | E<br>[in] | F<br>[in] | P     | L<br>[in] | Weight<br>[lbs] | Taper Size<br>(optional) |    |    |
|-------------|----------------|-------------|-----------|------------|-----------|--------------|-----------|-----------|-------|-----------|-----------------|--------------------------|----|----|
| 7-800-3200S | 3205-32"-12.5" | 31.50       | 5.51      | 5.96       | 0.47      | 17.72        | 12.50     | 14.5      | 6xM24 | 3.43      | 848             | 8                        | 11 | 15 |
| 7-800-3200  | 3205-32"-10.5" | 31.50       | 5.51      | 5.96       | 0.47      | 17.72        | 10.51     | 14.5      | 6xM24 | 3.43      | 848             | 8                        | 11 | 15 |
| 7-800-4000  | 3205-40"       | 39.37       | 6.73      | 7.08       | 0.47      | 20.47        | 16.06     | 18.25     | 6xM24 | 3.92      | 1,521           | 11                       | 15 | 20 |
| 7-800-4900  | 3205-49"       | 49.21       | 6.89      | 7.24       | 0.47      | 28.35        | 22.76     | 25.50     | 6xM30 | 3.92      | 2,755           | 15                       | 20 | 28 |
| 7-800-5500  | 3205-55"       | 55.12       | 7.28      | 7.63       | 0.47      | 28.35        | 22.76     | 25.50     | 6xM30 | 3.92      | 3,527           | 15                       | 20 | 28 |
| 7-800-6300  | 3205-63"       | 62.99       | 7.48      | 7.87       | 0.47      | 28.35        | 22.76     | 25.50     | 6xM30 | 4.02      | 4,409           | 20                       |    | 28 |
| 7-800-7100  | 3205-71"       | 70.87       | 7.87      | 8.26       | 0.47      | 28.35        | 22.76     | 25.50     | 6xM30 | 4.02      | 6,613           | 20                       |    | 28 |
| 7-800-7900  | 3205-79"       | 78.74       | 8.27      | 8.65       | 0.47      | 28.35        | 22.76     | 25.50     | 6xM30 | 4.02      | 8,818           | 20                       |    | 28 |



# BIG DIAMETER SELF-CENTERING CHUCKS

- FORGED STEEL BODY WITH 4 JAWS
- PLAIN BACK MOUNT WITH OPTIONAL ADAPTER PLATE



1

2

3

4

5

3705



Standard accessories



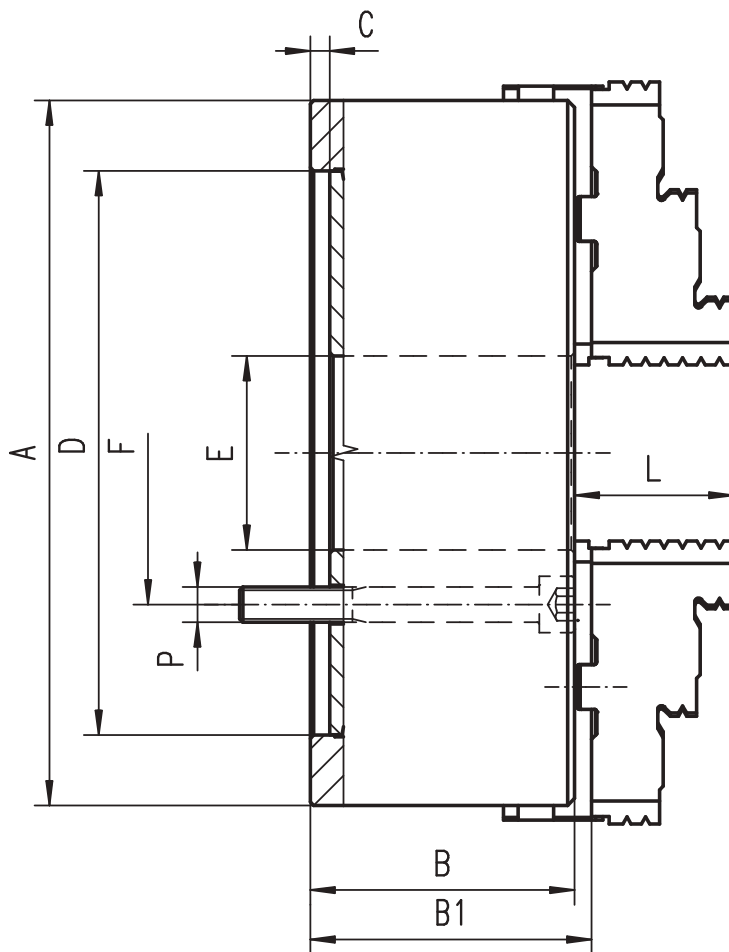
1 Set of hard top jaws



1 Set of hard master jaws



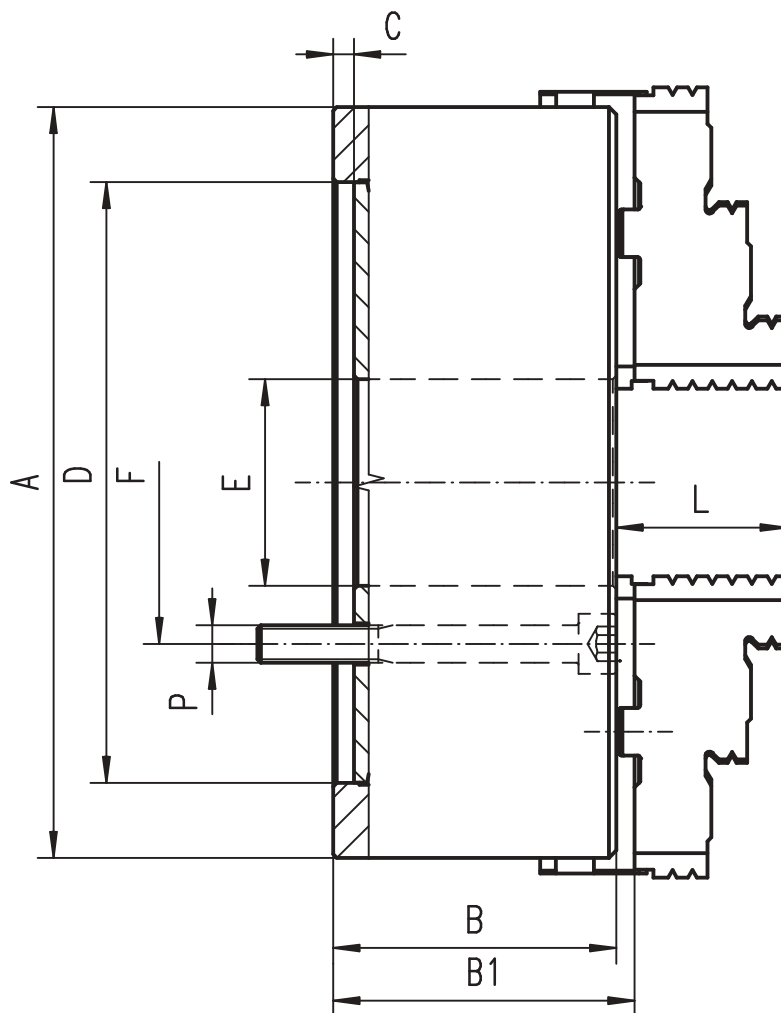
1 Wrench



- Hardened and ground working surfaces
- Balanced scroll plate
- Chucks have additional T-slots

| Code No.   | Type     | Ø A<br>[in] | B<br>[in] | B1<br>[in] | C<br>[in] | D H7<br>[in] | E<br>[in] | F<br>[in] | P     | L<br>[in] | Weight<br>[lbs] | Taper Size<br>(optional) |    |    |
|------------|----------|-------------|-----------|------------|-----------|--------------|-----------|-----------|-------|-----------|-----------------|--------------------------|----|----|
| 7-841-3200 | 3705-32" | 31.50       | 5.51      | 5.96       | 0.47      | 14.96        | 11.08     | 13.00     | 8xM24 | 3.43      | 1,135           | 8                        | 11 | 15 |
| 7-841-4000 | 3705-40" | 39.37       | 6.73      | 7.08       | 0.47      | 20.47        | 16.06     | 18.25     | 8xM24 | 3.92      | 1,609           | 11                       | 15 | 20 |
| 7-841-4900 | 3705-49" | 49.21       | 6.89      | 7.24       | 0.47      | 28.35        | 22.76     | 25.50     | 8xM30 | 3.92      | 2,755           | 15                       | 20 | 28 |
| 7-841-5500 | 3705-55" | 55.12       | 7.28      | 7.63       | 0.47      | 28.35        | 22.76     | 25.50     | 8xM30 | 3.92      | 3,527           | 15                       | 20 | 28 |
| 7-841-6300 | 3705-63" | 62.99       | 7.48      | 7.81       | 0.47      | 28.35        | 22.76     | 25.50     | 8xM30 | 4.02      | 4,409           | 20                       | 28 |    |
| 7-841-7100 | 3705-71" | 70.87       | 7.87      | 8.20       | 0.47      | 28.35        | 22.76     | 25.50     | 8xM30 | 4.02      | 6,613           | 20                       | 28 |    |
| 7-841-7900 | 3705-79" | 78.74       | 8.27      | 8.59       | 0.47      | 28.35        | 22.76     | 25.50     | 8xM30 | 4.02      | 8,818           | 20                       | 28 |    |

- CAST IRON BODY WITH 4 JAWS
- PLAIN BACK MOUNT WITH OPTIONAL ADAPTER PLATE



- Ground working surfaces
- Chucks above  $\varnothing 40"$  have additional T-slots

3605



Standard accessories



1 Set of hard top jaws



1 Set of hard master jaws



1 Wrench

| Code No.   | Type     | $\varnothing A$<br>[in] | B<br>[in] | B1<br>[in] | C<br>[in] | D H7<br>[in] | E<br>[in] | F<br>[in] | P     | L<br>[in] | Weight<br>[lbs] | Taper Size<br>(optional) |    |    |
|------------|----------|-------------------------|-----------|------------|-----------|--------------|-----------|-----------|-------|-----------|-----------------|--------------------------|----|----|
| 7-840-3200 | 3605-32" | 31.50                   | 6.26      | 6.70       | 0.47      | 14.96        | 11.08     | 13.00     | 8xM24 | 3.43      | 848             | 8                        | 11 | 15 |
| 7-840-4000 | 3605-40" | 39.37                   | 6.73      | 7.08       | 0.47      | 20.47        | 16.06     | 18.25     | 8xM24 | 3.92      | 1,521           | 11                       | 15 | 20 |
| 7-840-4900 | 3605-49" | 49.21                   | 6.89      | 7.24       | 0.47      | 28.35        | 22.76     | 25.50     | 8xM30 | 3.92      | 2,755           | 15                       | 20 | 28 |
| 7-840-5500 | 3605-55" | 55.12                   | 7.28      | 7.63       | 0.47      | 28.35        | 22.76     | 25.50     | 8xM30 | 3.92      | 3,527           | 15                       | 20 | 28 |
| 7-840-6300 | 3605-63" | 62.99                   | 7.48      | 7.87       | 0.47      | 28.35        | 22.76     | 25.50     | 8xM30 | 4.02      | 4,409           | 20                       | 28 |    |
| 7-840-7100 | 3605-71" | 70.87                   | 7.87      | 8.26       | 0.47      | 28.35        | 22.76     | 25.50     | 8xM30 | 4.02      | 6,613           | 20                       | 28 |    |
| 7-840-7900 | 3605-79" | 78.74                   | 8.27      | 8.65       | 0.47      | 28.35        | 22.76     | 25.50     | 8xM30 | 4.02      | 8,818           | 20                       | 28 |    |



# BIG DIAMETER SELF-CENTERING CHUCKS

- FORGED STEEL BODY WITH 6 JAWS
- PLAIN BACK MOUNT WITH OPTIONAL ADAPTER PLATE



1

2

3

4

5

3807



Standard accessories



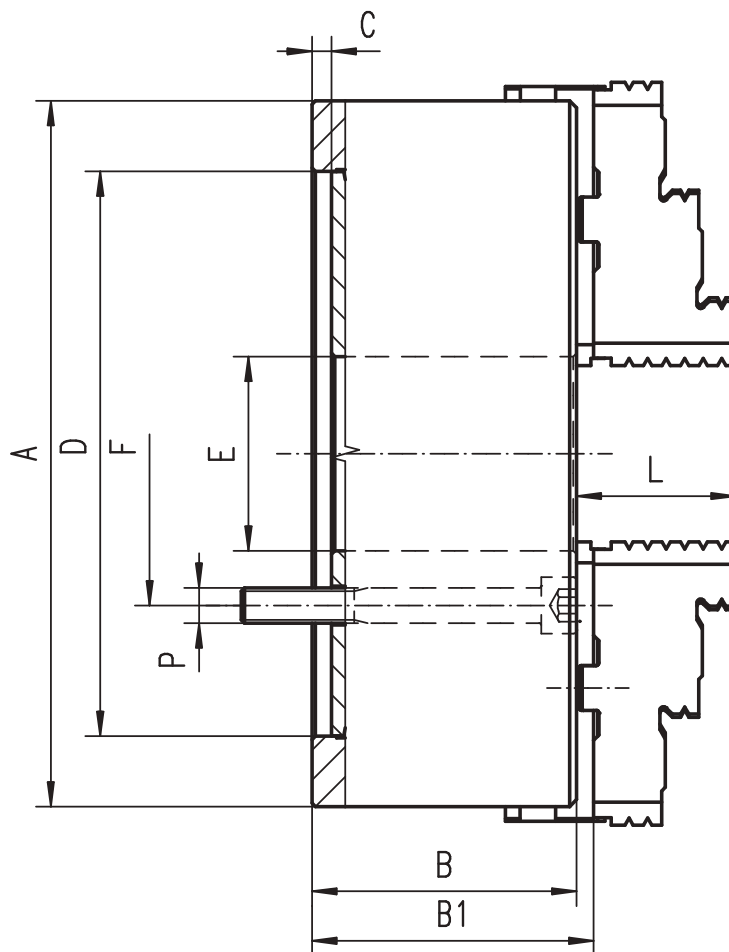
1 Set of hard top jaws



1 Set of hard master jaws



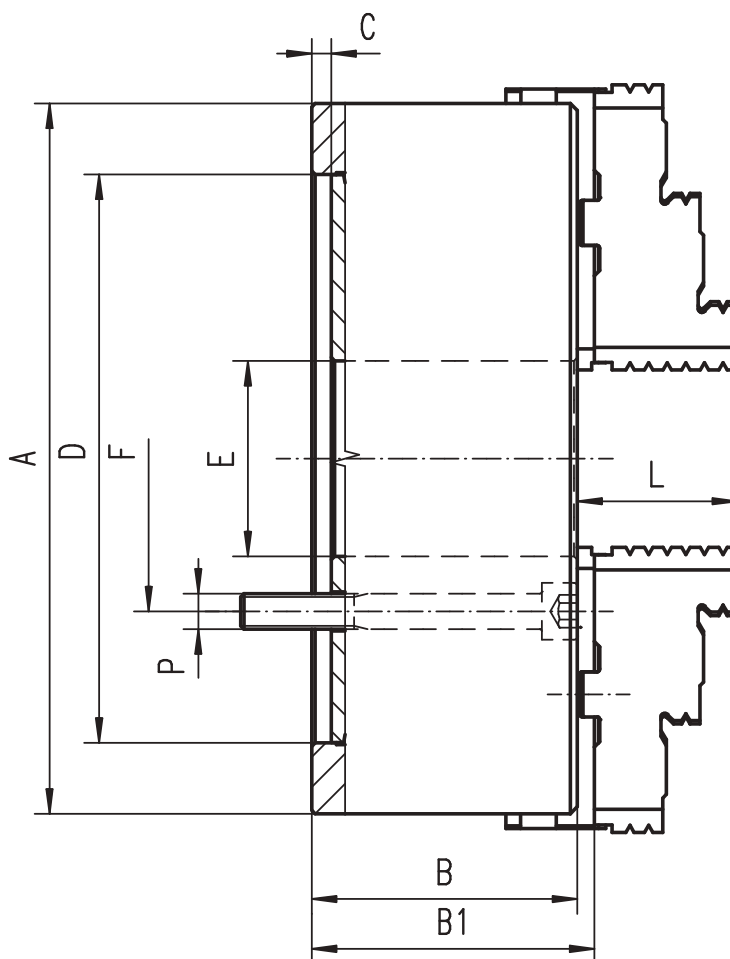
1 Wrench



- Hardened and ground working surfaces
- Balanced scroll plate
- Chucks have additional T-slots

| Code No.   | Type     | Ø A<br>[in] | B<br>[in] | B1<br>[in] | C<br>[in] | D H7<br>[in] | E<br>[in] | F<br>[in] | P     | L<br>[in] | Weight<br>[lbs] | Taper Size<br>(optional) |    |    |
|------------|----------|-------------|-----------|------------|-----------|--------------|-----------|-----------|-------|-----------|-----------------|--------------------------|----|----|
| 7-837-1320 | 3807-32" | 31.50       | 6.26      | 6.70       | 0.47      | 14.96        | 11.08     | 13.00     | 6xM24 | 3.43      | 881             | 8                        | 11 | 15 |
| 7-837-1400 | 3807-40" | 39.37       | 6.73      | 7.08       | 0.47      | 20.47        | 16.06     | 18.25     | 6xM24 | 3.92      | 1,543           | 11                       | 15 | 20 |
| 7-837-1490 | 3807-49" | 49.21       | 6.89      | 7.24       | 0.47      | 28.35        | 22.76     | 25.50     | 6xM30 | 3.92      | 2,755           | 15                       | 20 | 28 |
| 7-837-1550 | 3807-55" | 55.12       | 7.28      | 7.63       | 0.47      | 28.35        | 22.76     | 25.50     | 6xM30 | 3.92      | 3,527           | 15                       | 20 | 28 |
| 7-837-1630 | 3807-63" | 62.99       | 7.48      | 7.87       | 0.47      | 28.35        | 22.76     | 25.50     | 6xM30 | 4.02      | 4,409           | 20                       | 28 |    |
| 7-837-1710 | 3807-71" | 70.87       | 7.87      | 8.26       | 0.47      | 28.35        | 22.76     | 25.50     | 6xM30 | 4.02      | 6,613           | 20                       | 28 |    |
| 7-837-1790 | 3807-79" | 78.74       | 8.27      | 8.65       | 0.47      | 28.35        | 22.76     | 25.50     | 6xM30 | 4.02      | 8,818           | 20                       | 28 |    |

- CAST IRON BODY WITH 6 JAWS
- PLAIN BACK MOUNT WITH OPTIONAL ADAPTER PLATE



3805



Standard accessories



1 Set of hard top jaws



1 Set of hard master jaws



1 Wrench

- Ground working surfaces
- Chucks above  $\varnothing 40''$  have additional T-slots

| Code No.   | Type     | $\varnothing A$<br>[in] | B<br>[in] | B1<br>[in] | C<br>[in] | D H7<br>[in] | E<br>[in] | F<br>[in] | P     | L<br>[in] | Weight<br>[lbs] | Taper Size<br>(optional) |    |    |
|------------|----------|-------------------------|-----------|------------|-----------|--------------|-----------|-----------|-------|-----------|-----------------|--------------------------|----|----|
| 7-837-3320 | 3805-32" | 31.50                   | 6.26      | 6.70       | 0.47      | 14.96        | 11.08     | 13.00     | 6xM24 | 3.43      | 881             | 8                        | 11 | 15 |
| 7-837-3400 | 3805-40" | 39.37                   | 6.73      | 7.08       | 0.47      | 20.47        | 16.06     | 18.25     | 6xM24 | 3.92      | 1,543           | 11                       | 15 | 20 |
| 7-837-3490 | 3805-49" | 49.21                   | 6.89      | 7.24       | 0.47      | 28.35        | 22.76     | 25.50     | 6xM30 | 3.92      | 2,755           | 15                       | 20 | 28 |
| 7-837-3550 | 3805-55" | 55.12                   | 7.28      | 7.63       | 0.47      | 28.35        | 22.76     | 25.50     | 6xM30 | 3.92      | 3,527           | 15                       | 20 | 28 |
| 7-837-3630 | 3805-63" | 62.99                   | 7.48      | 7.87       | 0.47      | 28.35        | 22.76     | 25.50     | 6xM30 | 4.02      | 4,409           | 20                       | 28 |    |
| 7-837-3710 | 3805-71" | 70.87                   | 7.87      | 8.26       | 0.47      | 28.35        | 22.76     | 25.50     | 6xM30 | 4.02      | 6,613           | 20                       | 28 |    |
| 7-837-3790 | 3805-79" | 78.74                   | 8.27      | 8.65       | 0.47      | 28.35        | 22.76     | 25.50     | 6xM30 | 4.02      | 8,818           | 20                       | 28 |    |



## BIG DIAMETER COMBINATION CHUCKS

- SELF-CENTERING WITH 3 INDIVIDUALLY ADJUSTABLE JAWS
- FORGED STEEL BODY WITH PLAIN BACK MOUNT



1

2

3

4

5

4705



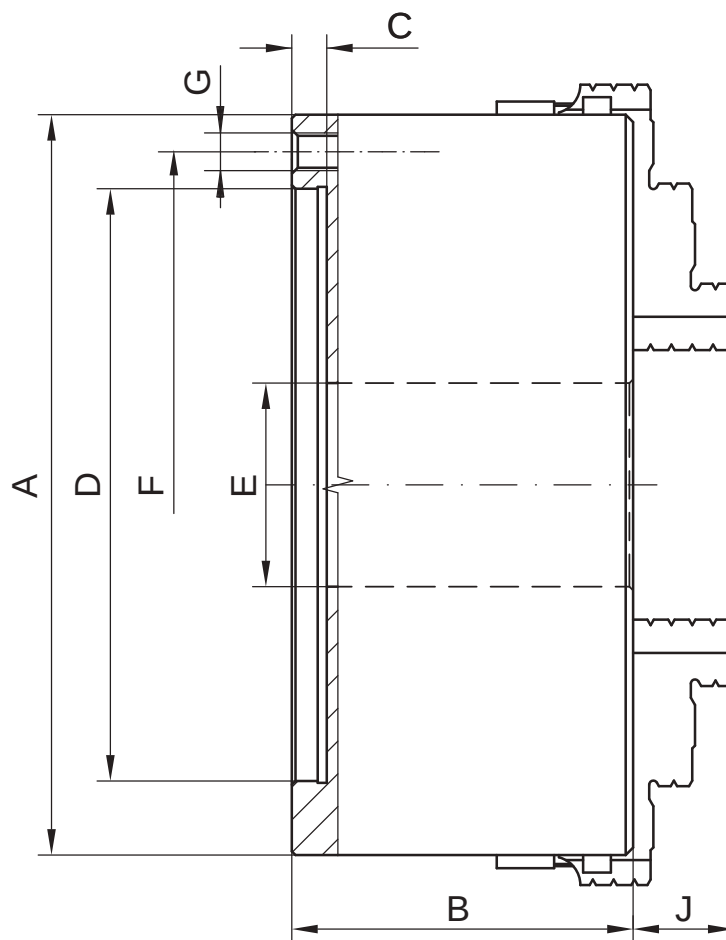
Standard accessories



1 Set of solid reversible jaws



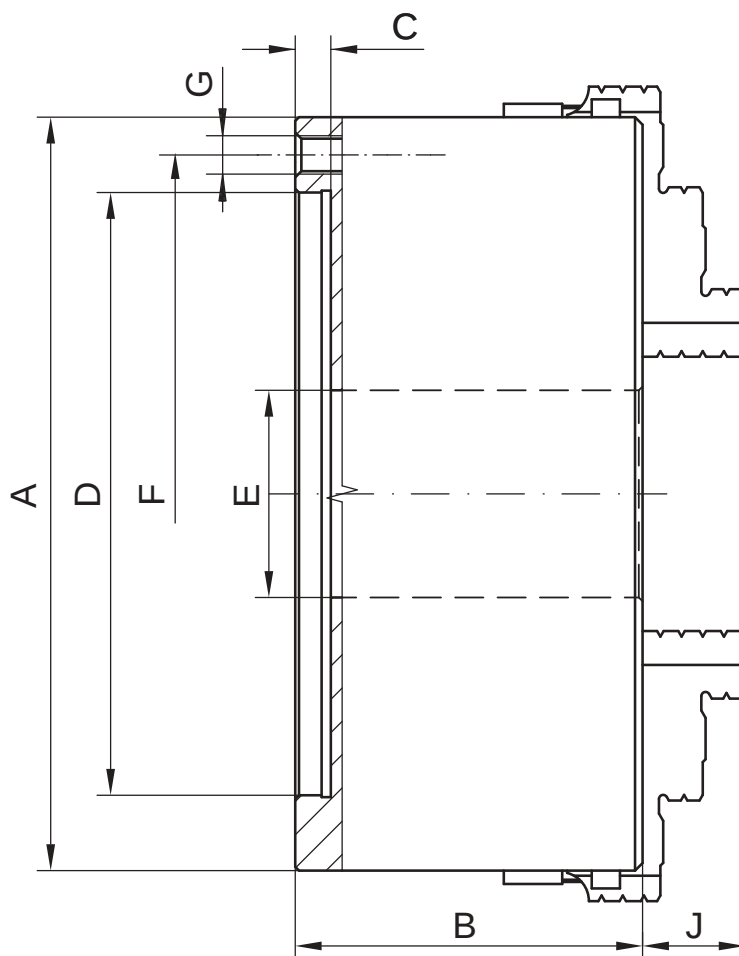
1 Wrench + 1 Hex key



- Hardened and ground working surfaces
- Balanced scroll plate
- Chucks have additional T-slots

| Code No.   | Type           | Ø A<br>[in] | B<br>[in] | C<br>[in] | D<br>[in] | E<br>[in] | F<br>[in] | G     | J<br>[in] | Taper Size<br>(optional) |    |    |
|------------|----------------|-------------|-----------|-----------|-----------|-----------|-----------|-------|-----------|--------------------------|----|----|
| 7-849-3210 | 4705-32"-15"   | 31.50       | 7.09      | 0.47      | 14.96     | 11.06     | 13.00     | 6xM24 | 2.95      | 8                        | 11 | 15 |
| 7-849-4010 | 4705-40"-20.5" | 39.37       | 8.66      | 0.47      | 20.47     | 16.06     | 18.25     | 6xM24 | 2.95      | 11                       | 15 | 20 |
| 7-849-4910 | 4705-49"-28"   | 49.21       | 8.82      | 0.47      | 28.35     | 22.76     | 25.50     | 6xM30 | 2.99      | 15                       | 20 | 28 |
| 7-849-5510 | 4705-55"-28"   | 55.12       | 9.06      | 0.47      | 28.35     | 22.76     | 25.50     | 6xM30 | 3.15      | 15                       | 20 | 28 |
| 7-849-6310 | 4705-63"-28"   | 62.99       | 9.25      | 0.47      | 28.35     | 22.76     | 25.50     | 6xM30 | 3.15      | 20                       |    | 28 |
| 7-849-7110 | 4705-71"-28"   | 70.87       | 9.45      | 0.47      | 28.35     | 22.76     | 25.50     | 6xM30 | 3.15      | 20                       |    | 28 |
| 7-849-7910 | 4705-79"-28"   | 78.74       | 9.84      | 0.47      | 28.35     | 22.76     | 25.50     | 6xM30 | 3.35      | 20                       |    | 28 |

- SELF-CENTERING WITH 3 INDIVIDUALLY ADJUSTABLE JAWS
- CAST IRON BODY WITH PLAIN BACK MOUNT



- Ground working surfaces
- Chucks above  $\varnothing 40''$  have additional T-slots

4505



Standard accessories



1 Set of solid reversible jaws



1 Wrench + 1 Hex key

| Code No.   | Type           | $\varnothing A$<br>[in] | B<br>[in] | C<br>[in] | D<br>[in] | E<br>[in] | F<br>[in] | G     | J<br>[in] | Taper Size<br>(optional) |    |    |
|------------|----------------|-------------------------|-----------|-----------|-----------|-----------|-----------|-------|-----------|--------------------------|----|----|
| 7-848-3210 | 4505-32"-15"   | 31.50                   | 7.09      | 0.47      | 14.96     | 11.06     | 13.00     | 6xM24 | 2.95      | 8                        | 11 | 15 |
| 7-848-4010 | 4505-40"-20.5" | 39.37                   | 8.66      | 0.47      | 20.47     | 16.06     | 18.25     | 6xM24 | 2.95      | 11                       | 15 | 20 |
| 7-848-4910 | 4505-49"-28"   | 49.21                   | 8.82      | 0.47      | 28.35     | 22.76     | 25.50     | 6xM30 | 2.99      | 15                       | 20 | 28 |
| 7-848-5510 | 4505-55"-28"   | 55.12                   | 9.06      | 0.47      | 28.35     | 22.76     | 25.50     | 6xM30 | 3.15      | 15                       | 20 | 28 |
| 7-848-6310 | 4505-63"-28"   | 62.99                   | 9.25      | 0.47      | 28.35     | 22.76     | 25.50     | 6xM30 | 3.15      | 20                       |    | 28 |
| 7-848-7110 | 4505-71"-28"   | 70.87                   | 9.45      | 0.47      | 28.35     | 22.76     | 25.50     | 6xM30 | 3.15      | 20                       |    | 28 |
| 7-848-7910 | 4505-79"-28"   | 78.74                   | 9.84      | 0.47      | 28.35     | 22.76     | 25.50     | 6xM30 | 3.35      | 20                       |    | 28 |



## BIG DIAMETER COMBINATION CHUCKS

- SELF-CENTERING WITH 4 INDIVIDUALLY ADJUSTABLE JAWS
- FORGED STEEL BODY WITH PLAIN BACK MOUNT



1

2

3

4

5

4805



Standard accessories



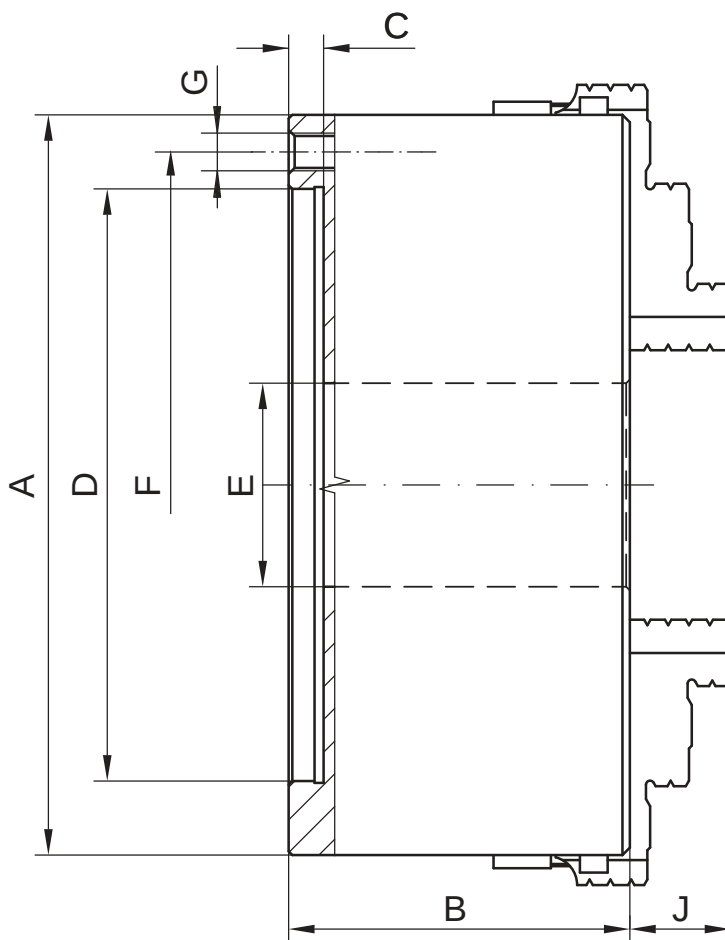
1 Set of hard top jaws



1 Set of hard master jaws



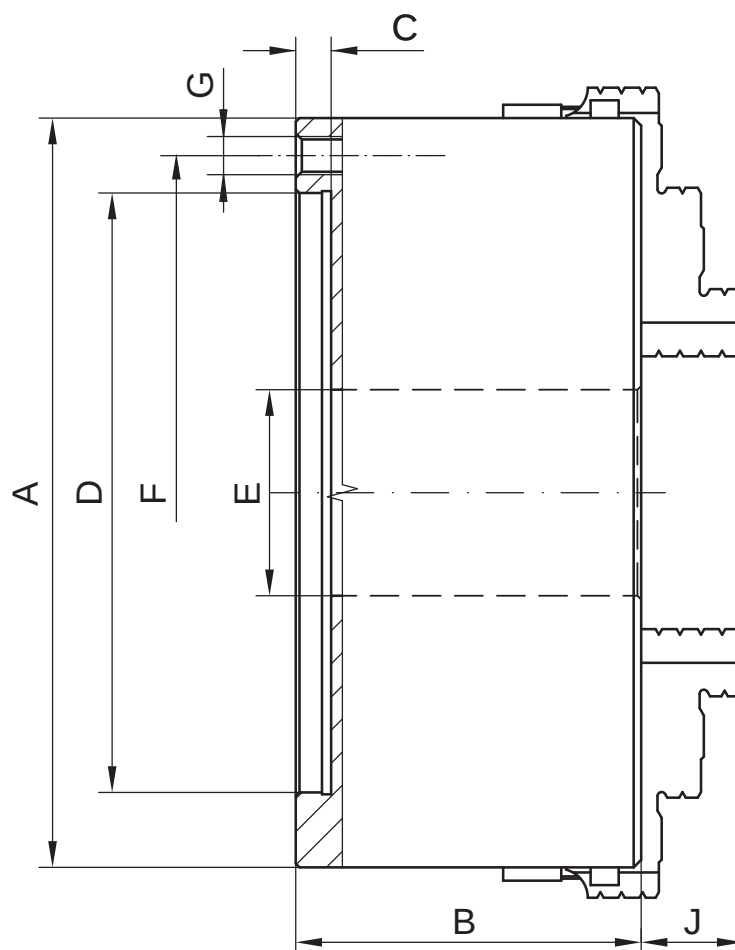
1 Wrench



- Hardened and ground working surfaces
- Balanced scroll plate
- Chucks have additional T-slots

| Code No.   | Type           | Ø A<br>[in] | B<br>[in] | C<br>[in] | D<br>[in] | E<br>[in] | F<br>[in] | G     | J<br>[in] | Taper Size<br>(optional) |    |    |
|------------|----------------|-------------|-----------|-----------|-----------|-----------|-----------|-------|-----------|--------------------------|----|----|
| 7-849-3200 | 4805-32"-15"   | 31.50       | 7.09      | 0.47      | 14.96     | 11.06     | 13.00     | 6xM24 | 2.95      | 8                        | 11 | 15 |
| 7-849-4000 | 4805-40"-20.5" | 39.37       | 8.66      | 0.47      | 20.47     | 16.06     | 18.25     | 6xM24 | 2.95      | 11                       | 15 | 20 |
| 7-849-4900 | 4805-49"-28"   | 49.21       | 8.82      | 0.47      | 28.35     | 22.76     | 25.50     | 6xM30 | 2.99      | 15                       | 20 | 28 |
| 7-849-5500 | 4805-55"-28"   | 55.12       | 9.06      | 0.47      | 28.35     | 22.76     | 25.50     | 6xM30 | 3.15      | 15                       | 20 | 28 |
| 7-849-6300 | 4805-63"-28"   | 62.99       | 9.25      | 0.47      | 28.35     | 22.76     | 25.50     | 6xM30 | 3.15      | 20                       |    | 28 |
| 7-849-7100 | 4805-71"-28"   | 70.87       | 9.45      | 0.47      | 28.35     | 22.76     | 25.50     | 6xM30 | 3.15      | 20                       |    | 28 |
| 7-849-7900 | 4805-79"-28"   | 78.74       | 9.84      | 0.47      | 28.35     | 22.76     | 25.50     | 6xM30 | 3.35      | 20                       |    | 28 |

- SELF-CENTERING WITH 4 INDIVIDUALLY ADJUSTABLE JAWS
- CAST IRON BODY WITH PLAIN BACK MOUNT



4605



Standard accessories



1 Set of hard top jaws



1 Set of hard master jaws



1 Wrench

- Ground working surfaces
- Chucks above  $\varnothing 40''$  have additional T-slots

| Code No.   | Type           | $\varnothing A$<br>[in] | B<br>[in] | C<br>[in] | D<br>[in] | E<br>[in] | F<br>[in] | G     | J<br>[in] | Taper Size<br>(optional) |    |    |
|------------|----------------|-------------------------|-----------|-----------|-----------|-----------|-----------|-------|-----------|--------------------------|----|----|
| 7-848-3200 | 4605-32"-15"   | 31.50                   | 7.09      | 0.47      | 14.96     | 11.06     | 13.00     | 6xM25 | 2.95      | 8                        | 11 | 15 |
| 7-848-4000 | 4605-40"-20.5" | 39.37                   | 8.66      | 0.47      | 20.47     | 16.06     | 18.25     | 6xM24 | 2.95      | 11                       | 15 | 20 |
| 7-848-4900 | 4605-49"-28"   | 49.21                   | 8.82      | 0.47      | 28.35     | 22.76     | 25.50     | 6xM30 | 2.99      | 15                       | 20 | 28 |
| 7-848-5500 | 4605-55"-28"   | 55.12                   | 9.06      | 0.47      | 28.35     | 22.76     | 25.50     | 6xM30 | 3.15      | 15                       | 20 | 28 |
| 7-848-6300 | 4605-63"-28"   | 62.99                   | 9.25      | 0.47      | 28.35     | 22.76     | 25.50     | 6xM30 | 3.15      | 20                       |    | 28 |
| 7-848-7100 | 4605-71"-28"   | 70.87                   | 9.45      | 0.47      | 28.35     | 22.76     | 25.50     | 6xM30 | 3.15      | 20                       |    | 28 |
| 7-848-7900 | 4605-79"-28"   | 78.74                   | 9.84      | 0.47      | 28.35     | 22.76     | 25.50     | 6xM30 | 3.35      | 20                       |    | 28 |



# BIG DIAMETER 4-JAW INDEPENDENT CHUCKS

- FORGED STEEL BODY
- PLAIN BACK MOUNT WITH OPTIONAL ADAPTER PLATE



4307



Standard accessories



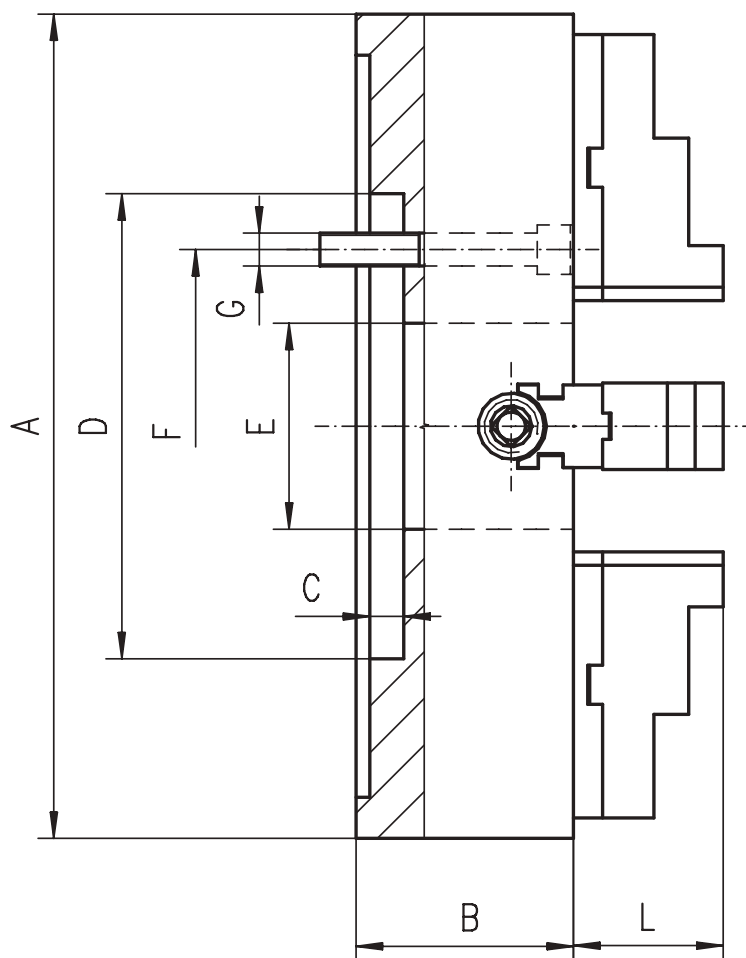
1 Set of hard top jaws



1 Set of hard master jaws



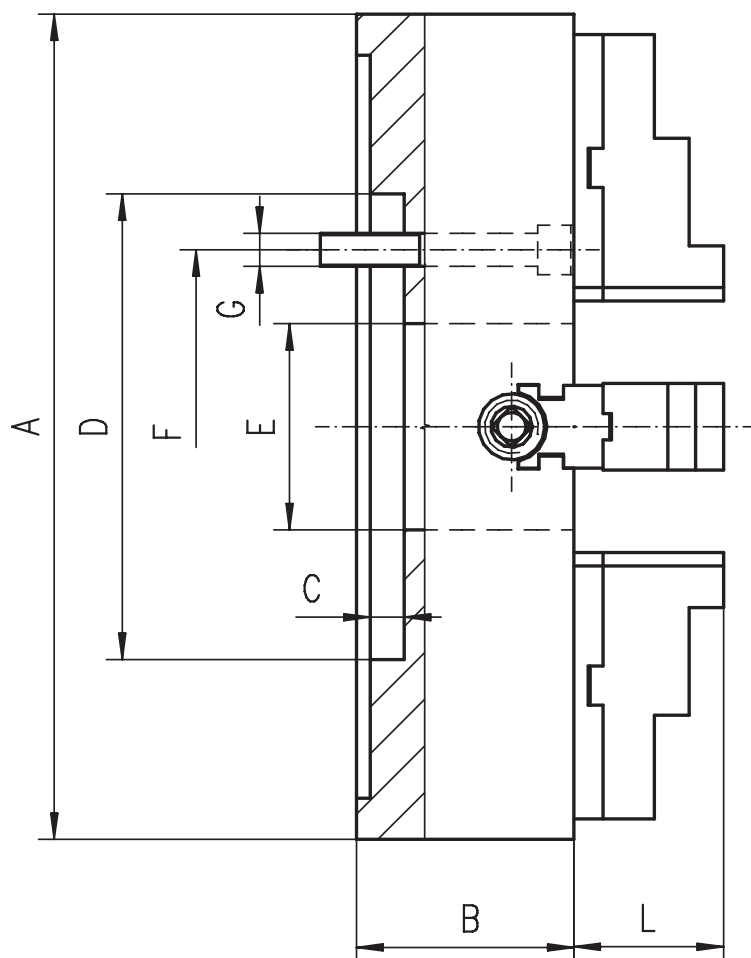
1 Wrench



- Hardened and ground working surfaces
- Independent chucks have additional T-slots

| Code No.    | Type           | Ø A<br>[in] | B<br>[in] | C<br>[in] | D H7<br>[in] | E<br>[in] | F<br>[in] | G     | L<br>[in] | Weight<br>[lbs] | Taper Size<br>(optional) |    |    |
|-------------|----------------|-------------|-----------|-----------|--------------|-----------|-----------|-------|-----------|-----------------|--------------------------|----|----|
| 7-855-3200F | 4307-32"-15"   | 31.50       | 5.79      | 0.47      | 14.96        | 7.87      | 13.00     | 8xM24 | 3.69      | 1,269           | 8                        | 11 | 15 |
| 7-855-3600F | 4307-36"-15"   | 36.02       | 6.10      | 0.47      | 14.96        | 7.87      | 13.00     | 8xM24 | 4.05      | 1672            | 8                        | 11 | 15 |
| 7-855-4000F | 4307-40"-20.5" | 39.37       | 6.10      | 0.47      | 20.47        | 7.48      | 18.25     | 8xM24 | 4.05      | 2,050           | 11                       | 15 | 20 |
| 7-855-4900F | 4307-49"-20.5" | 49.21       | 6.10      | 0.47      | 20.47        | 7.48      | 18.25     | 8xM24 | 4.05      | 3,196           | 15                       | 20 | 28 |
| 7-855-5500F | 4307-55"-28"   | 55.12       | 7.09      | 0.47      | 28.35        | 22.76     | 25.50     | 8xM30 | 4.49      | 3,924           | 15                       | 20 | 28 |
| 7-855-6300F | 4307-63"-28"   | 62.99       | 7.09      | 0.47      | 28.35        | 22.76     | 25.50     | 8xM30 | 4.49      | 5,511           | 20                       |    | 28 |
| 7-855-7100F | 4307-71"-28"   | 70.87       | 7.09      | 0.47      | 28.35        | 22.76     | 25.50     | 8xM30 | 4.49      | 7,054           | 20                       |    | 28 |
| 7-855-7900F | 4307-79"-28"   | 78.74       | 8.27      | 0.47      | 28.35        | 22.76     | 25.50     | 8xM30 | 4.49      | 9,920           | 20                       |    | 28 |

- CAST IRON BODY
- PLAIN BACK MOUNT WITH OPTIONAL ADAPTER PLATE



4305



Standard accessories



1 Set of hard top jaws



1 Set of hard master jaws



1 Wrench

- Ground working surfaces
- Independent chucks above  $\varnothing 40"$  have additional T-slots

| Code No.   | Type           | $\varnothing A$<br>[in] | B<br>[in] | C<br>[in] | D H7<br>[in] | E<br>[in] | F<br>[in] | G       | L<br>[in] | Weight<br>[lbs] | Taper Size<br>(optional) |    |    |
|------------|----------------|-------------------------|-----------|-----------|--------------|-----------|-----------|---------|-----------|-----------------|--------------------------|----|----|
| 7-850-3222 | 4305-32"-15"   | 31.50                   | 6.30      | 0.47      | 14.96        | 7.87      | 13.00     | 4x7/8-9 | 3.69      | 703             | 8                        | 11 | 15 |
| 7-850-3622 | 4305-36"-14.5" | 36.02                   | 6.69      | 0.70      | 14.57        | 7.48      | 12.99     | 8x1-8"  | 4.05      | 800             | 8                        | 11 | 15 |
| 7-850-4022 | 4305-40"-15"   | 39.37                   | 6.69      | 0.47      | 14.96        | 7.48      | 13.00     | 8xM24   | 4.05      | 903             | 11                       | 15 | 20 |
| 7-850-4922 | 4305-49"-20.5" | 49.21                   | 7.48      | 0.47      | 20.47        | 7.48      | 18.25     | 8xM24   | 4.05      | 2,094           | 15                       | 20 | 28 |
| 7-850-5522 | 4305-55"-28"   | 55.12                   | 7.09      | 0.47      | 28.35        | 22.76     | 25.50     | 8xM30   | 4.49      | 2,866           | 15                       | 20 | 28 |
| 7-850-6322 | 4305-63"-28"   | 62.99                   | 7.09      | 0.47      | 28.35        | 22.76     | 25.50     | 8xM30   | 4.49      | 4,960           | 20                       |    | 28 |
| 7-850-7122 | 4305-71"-28"   | 70.87                   | 7.09      | 0.47      | 28.35        | 22.76     | 25.50     | 8xM30   | 4.49      | 6,525           | 20                       |    | 28 |
| 7-850-7922 | 4305-79"-28"   | 78.74                   | 8.27      | 0.47      | 28.35        | 22.76     | 25.50     | 8xM30   | 4.49      | 7,176           | 20                       |    | 28 |

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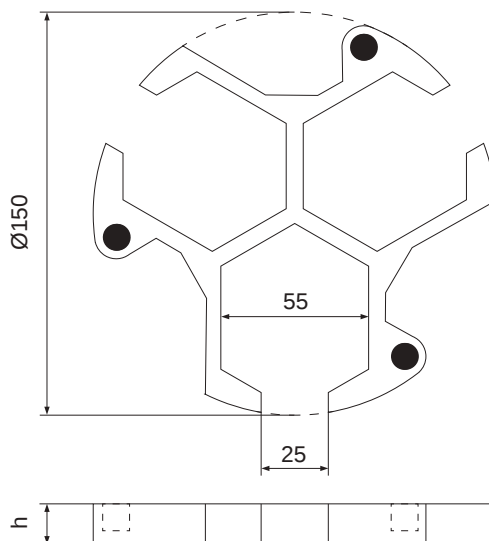
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## 1335

### WORKPIECE STOPS



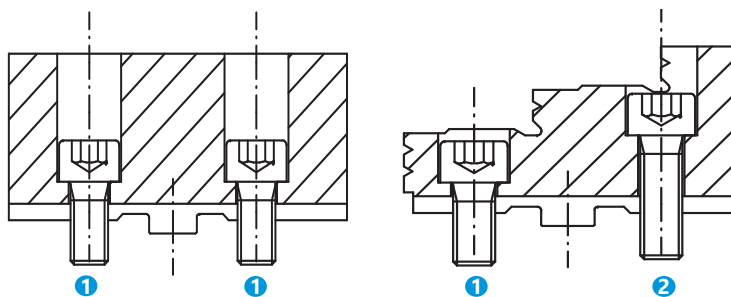
- Workpiece stop for all chucks
- The stop can be fixed on the chuck body with three magnets, which are incorporated in the stop
- The workpiece stop is for machining short parts and provides a constant, perfectly concentricity of the workpiece
- Made of treated aluminium
- Available separately or in a set of 5 pieces



| Code No.  | Type               | Size [in] | Width (h) [in] | Max. ø of the workpiece [in] | Max. jaw width [in] |
|-----------|--------------------|-----------|----------------|------------------------------|---------------------|
| 7-986-015 | 1335-150-15        | 0.59      | 0.59           | 0.59 - 5.12                  | 2.17                |
| 7-986-020 | 1335-150-20        | 0.79      | 0.79           | 0.59 - 5.12                  | 2.17                |
| 7-986-025 | 1335-150-25        | 0.98      | 0.98           | 0.59 - 5.12                  | 2.17                |
| 7-986-030 | 1335-150-30        | 1.18      | 1.18           | 0.59 - 5.12                  | 2.17                |
| 7-986-035 | 1335-150-35        | 1.38      | 1.38           | 0.59 - 5.12                  | 2.17                |
| 7-986-040 | 1335-150-15-35 KPL | Set       | 0.59 - 1.38    | 0.59 - 5.12                  | 2.17                |

### CLAMPING SCREWS

#### FOR HARD TOP JAWS FOR 3-JAW CHUCKS



| Chuck size [in] | Bolt 1*     |           | Bolt 2*     |           |
|-----------------|-------------|-----------|-------------|-----------|
| 5"              | M8-1.25x20  | 7-897-104 | M8-1.25x25  | 7-897-105 |
| 6"              | M10-1.5x20  | 7-897-106 | M10-1.5x30  | 7-897-107 |
| 8"              | M10-1.5x20  | 7-897-106 | M10-1.5x30  | 7-897-107 |
| 10"             | M12-1.75x25 | 7-897-109 | M12-1.75x40 | 7-897-111 |
| 12"             | M12-1.75x25 | 7-897-109 | M12-1.75x40 | 7-897-111 |
| 16"             | M16-2.00x30 | 7-897-112 | M16-2.00x45 | 7-897-127 |
| 20"             | M20-2.5x40  | 7-897-129 | M20-2.5x75  | 7-897-140 |
| 25"             | M20-2.5x40  | 7-897-129 | M20-2.5x80  | 7-897-141 |
| 32"             | M20-2.5x40  | 7-897-129 | M20-2.5x80  | 7-897-141 |



### OPERATING SCREW

FOR INDEPENDENT  
CHUCKS

| Chuck size<br>[in] | For Type  |
|--------------------|-----------|
|                    | 43**      |
| 3"                 | 7-890-603 |
| 3-1/2"             | 7-890-603 |
| 4"                 | 7-890-604 |
| 5"                 | 7-890-606 |
| 6"                 | 7-890-606 |
| 8"                 | 7-890-608 |
| 10"                | 7-890-610 |
| 12"                | 7-890-612 |
| 16"                | 7-890-616 |
| 20"                | 7-890-620 |
| 25"                | 7-890-625 |
| 32"                | 7-890-632 |
| 40"                | 7-890-640 |
| 49"                | 7-890-649 |



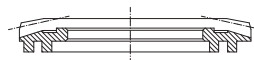
FOR COMBINATION  
CHUCKS

| Chuck size<br>[in] | For Type               |
|--------------------|------------------------|
|                    | 4505, 4605, 4705, 4805 |
| 10"                | 7-891-4120             |
| 12"                | 7-891-412              |
| 16"                | 7-891-416              |
| 20"                | 7-891-420              |
| 25"                | 7-891-425              |
| 32"                | 7-891-432              |



FOR HD OIL COUNTRY  
CHUCKS

| Chuck size<br>[in] | Hole diameter<br>[in] | For Type      |
|--------------------|-----------------------|---------------|
|                    |                       | 4317, 4347 HD |
| 16"                | 5.3                   | 7-890-6163    |
| 16"                | 6.5                   | 7-890-6165    |
| 20"                | 5.3                   | 7-890-6203    |
| 20"                | 6.5                   | 7-890-6205    |
| 20"                | 8.0                   | 7-890-6208    |
| 25"                | 10.5                  | 7-890-6257    |
| 25"                | 12.5                  | 7-890-6259    |
| 28"                | 10.5                  | 7-890-6277    |
| 28"                | 12.5                  | 7-890-6279    |
| 32"                | 10.5                  | 7-890-6327    |
| 32"                | 12.5                  | 7-890-6329    |
| 40"                | 20.86                 | 7-890-6420    |
| 40"                | 22.05                 | 7-890-6421    |



### SCROLL PLATE

| Chuck size<br>[in] | For Type                                    |                  |           |           |
|--------------------|---------------------------------------------|------------------|-----------|-----------|
|                    | 3105, 32**, 36**, 4505,<br>4605, 4705, 4805 | 35**, 37**, 38** | 3295      | 3286      |
| 2"                 | -                                           | -                | -         | 7-887-002 |
| 2-1/3"             | -                                           | -                | -         | 7-887-003 |
| 3"                 | 7-887-303                                   | 7-887-503        | -         | -         |
| 4"                 | 7-887-304                                   | 7-887-504        | -         | -         |
| 5"                 | 7-887-305                                   | 7-887-505        | -         | -         |
| 6"                 | 7-887-306                                   | 7-887-506        | -         | -         |
| 8"                 | 7-887-308                                   | 7-887-508        | -         | -         |
| 10"                | 7-887-310                                   | 7-887-510        | -         | -         |
| 12"                | 7-887-312                                   | 7-887-512        | -         | -         |
| 16"                | 7-887-316                                   | 7-887-516        | 7-887-216 | -         |
| 20"                | 7-887-320                                   | 7-887-520        | 7-887-220 | -         |
| 25" *              | 7-887-325                                   | 7-887-525        | 7-887-226 | -         |
| 32"                | 7-887-332                                   | 7-887-532        | -         | -         |
| 40"                | 7-887-340                                   | 7-887-540        | -         | -         |

\* For chucks 3295-26"



### PINION

| Chuck size<br>[in] | For Type                                    |                  |           |           |
|--------------------|---------------------------------------------|------------------|-----------|-----------|
|                    | 3105, 32**, 36**, 4505,<br>4605, 4705, 4805 | 35**, 37**, 38** | 3295      | 3975      |
| 3"                 | 7-886-303                                   | 7-886-303        | -         | -         |
| 4"                 | 7-886-304                                   | 7-886-304        | -         | -         |
| 5"                 | 7-886-305                                   | 7-886-505        | -         | 7-886-505 |
| 6"                 | 7-886-306                                   | 7-886-506        | -         | 7-886-506 |
| 8"                 | 7-886-308                                   | 7-886-508        | -         | -         |
| 10"                | 7-886-310                                   | 7-886-510        | -         | -         |
| 12"                | 7-886-312                                   | 7-886-512        | -         | -         |
| 16"                | 7-886-316                                   | 7-886-516        | 7-886-216 | -         |
| 20"                | 7-886-320                                   | 7-886-520        | 7-886-220 | -         |
| 25" *              | 7-886-325                                   | 7-886-525        | 7-886-226 | -         |
| 32"                | 7-886-332                                   | 7-886-532        | 7-886-232 | -         |
| 40"                | 7-886-340                                   | 7-886-340        | -         | -         |

\* For chucks 3295-26"



### THRUST BEARING

FOR INDEPENDENT  
CHUCKS

| Chuck size<br>[in] | For Type  |
|--------------------|-----------|
|                    | 43**      |
| 3"                 | 7-890-703 |
| 3-1/2"             | 7-890-703 |
| 4"                 | 7-890-704 |
| 5"                 | 7-890-706 |
| 6"                 | 7-890-706 |
| 8"                 | 7-890-708 |
| 10"                | 7-890-710 |
| 12"                | 7-890-712 |
| 16"                | 7-890-716 |
| 20"                | 7-890-720 |
| 25"                | 7-890-725 |
| 32"                | 7-890-732 |
| 40"                | 7-890-736 |
| 49"                | 7-890-736 |

FOR HD OIL COUNTRY  
CHUCKS

| Chuck size<br>[in] | For Type      |
|--------------------|---------------|
|                    | 4317, 4347 HD |
| 16"                | 7-890-7165    |
| 20"                | 7-890-7165    |
| 25"                | 7-890-7255    |
| 28"                | 7-890-7255    |
| 32"                | 7-890-7325    |
| 40"                | 7-890-7405    |

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## STUD FOR CAMLOCK (DIN 55029)



| Code No. <sup>1)</sup> | Size [mm]    | Taper size 1:4 | pcs/set |
|------------------------|--------------|----------------|---------|
| 7-899-103              | M10x1-35     | 3              | 3       |
| 7-899-104              | M10x1-37     | 4              | 3       |
| 7-899-105              | M12x1-43     | 5              | 6       |
| 7-899-106              | M16x1.5-49   | 6              | 6       |
| 7-899-108              | M20x1.5-55.5 | 8              | 6       |
| 7-899-111              | M22x1.5-67   | 11             | 6       |
| 7-899-115              | M24x1.5-76   | 15             | 6       |
| 7-899-120              | M27x2-89     | 20             | 6       |

<sup>1)</sup> For 1 piece

## STUD AND LOCKNUT (DIN 55027)



| Code No. <sup>1)</sup> | Size [in]  | Taper size 1:4 | pcs/set |
|------------------------|------------|----------------|---------|
| 7-921-903              | M10 x 1.34 | 3              | 3       |
| 7-921-904              | M10 x 1.54 | 4              | 3       |
| 7-921-905              | M10 x 1.69 | 5              | 4       |
| 7-921-906              | M12 x 1.97 | 6              | 4       |
| 7-921-908              | M16 x 2.36 | 8              | 4       |
| 7-921-911              | M20 x 2.95 | 11             | 6       |
| 7-921-915              | M24 x 3.54 | 15             | 6       |
| 7-921-920              | M24 x 3.94 | 20             | 6       |

<sup>1)</sup> For 1 piece

## LOCKING HALF-RING


FOR TYPE  
35\*\*, 37\*\*, 38\*\*, 3975

| Chuck size [in] | For Type         |           |
|-----------------|------------------|-----------|
|                 | 35**, 37**, 38** | 3975      |
| 5"              | 7-888-705        | 7-888-705 |
| 6"              | 7-888-706        | 7-888-706 |
| 8"              | 7-888-708        | -         |
| 10"             | 7-888-710        | -         |
| 12"             | 7-888-712        | -         |
| 16"             | 7-888-716        | -         |
| 20"             | 7-888-720        | -         |
| 25"             | 7-888-725        | -         |
| 32"             | 7-888-725        | -         |

## SLEEVE BEARING


FOR TYPE  
35\*\*, 37\*\*, 38\*\*, 3975

| Chuck size [in] | For Type         |           |
|-----------------|------------------|-----------|
|                 | 35**, 37**, 38** | 3975      |
| 5"              | 7-888-505        | 7-888-505 |
| 6"              | 7-888-506        | 7-888-506 |
| 8"              | 7-888-508        | -         |
| 10"             | 7-888-510        | -         |
| 12"             | 7-888-512        | -         |
| 16"             | 7-888-516        | -         |
| 20"             | 7-888-520        | -         |
| 25"             | 7-888-525        | -         |
| 32"             | 7-888-532        | -         |

## STUD BOLT


FOR TYPE  
310S, 32\*\*, 36\*\*, 38\*\*, 450S, 460S, 470S, 480S

| Chuck size [in] | Code No.  |
|-----------------|-----------|
| 3"              | 7-888-904 |
| 4"              | 7-888-904 |
| 5"              | 7-888-906 |
| 6"              | 7-888-906 |
| 8"              | 7-888-910 |
| 10"             | 7-888-910 |
| 12"             | 7-888-910 |
| 16"             | 7-888-920 |
| 20"             | 7-888-920 |
| 25"             | 7-888-920 |
| 32"-49"         | 7-888-920 |

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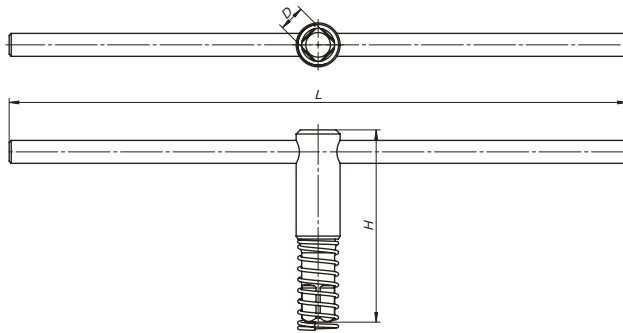
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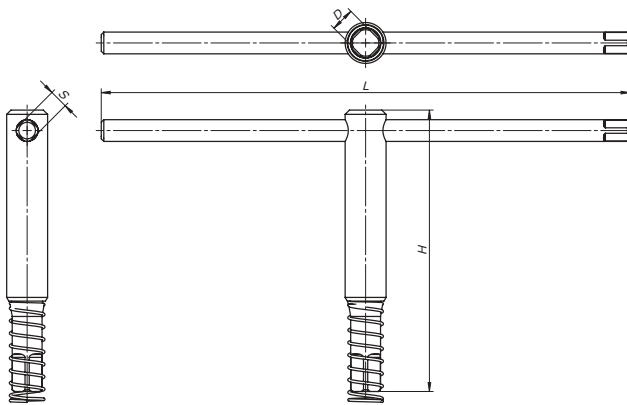
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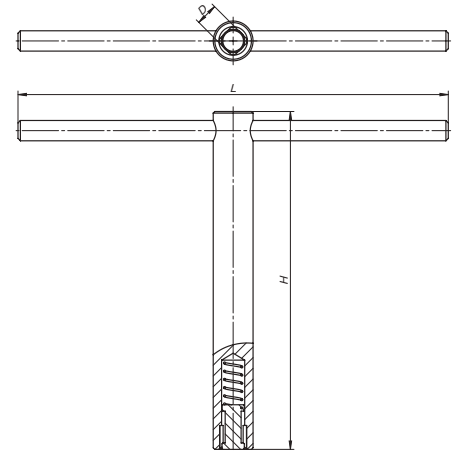
### SAFETY WRENCH



FOR TYPE 3105, 32\*\*, 35\*\*, 36\*\*, 37\*\*, 38\*\*, 43\*\*



FOR TYPE 45\*\*, 46\*\*, 47\*\*, 48\*\*

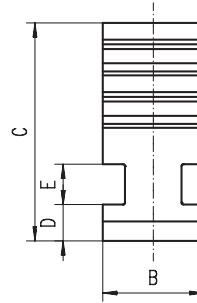
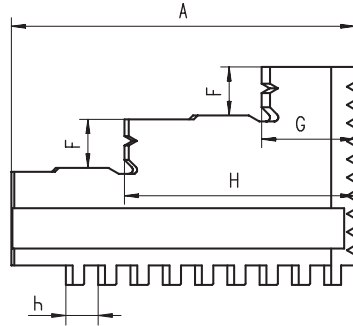


FOR TYPE 34\*\*

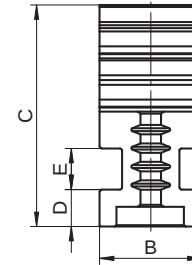
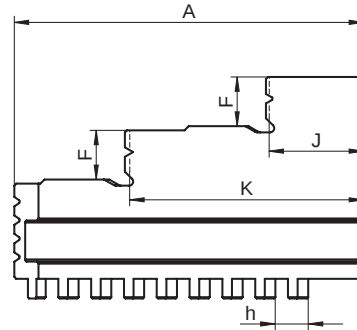
| Chuck size<br>[in] | For Type                           |           |           |           |      |                        |           |           |           |           |      |           |           |           |           |      |           |           |           |           |      |           |           |      |
|--------------------|------------------------------------|-----------|-----------|-----------|------|------------------------|-----------|-----------|-----------|-----------|------|-----------|-----------|-----------|-----------|------|-----------|-----------|-----------|-----------|------|-----------|-----------|------|
|                    | 3105, 32**, 35**, 36**, 37**, 38** |           |           |           |      | 4505, 4605, 4705, 4805 |           |           |           |           |      | 43**      |           |           |           |      | 34**      |           |           |           |      | 3286      |           | 3975 |
|                    | Code No.                           | D<br>[in] | H<br>[in] | L<br>[in] | lbs  | Code No.               | D<br>[in] | S<br>[in] | H<br>[in] | L<br>[in] | lbs  | Code No.  | D<br>[in] | H<br>[in] | L<br>[in] | lbs  | Code No.  | D<br>[in] | H<br>[in] | L<br>[in] | lbs  | Code No.  | Code No.  |      |
| 2"                 | -                                  | -         | -         | -         | -    | -                      | -         | -         | -         | -         | -    | -         | -         | -         | -         | -    | -         | -         | -         | -         | -    | 7-889-002 | -         |      |
| 2-1/3"             | -                                  | -         | -         | -         | -    | -                      | -         | -         | -         | -         | -    | -         | -         | -         | -         | -    | -         | -         | -         | -         | -    | 7-889-002 | -         |      |
| 3"                 | 7-889-003                          | 0.24      | 2.36      | 3.94      | 0.13 | -                      | -         | -         | -         | -         | -    | -         | -         | -         | -         | -    | -         | -         | -         | -         | -    | -         | -         |      |
| 3-1/2"             | 7-889-003                          | 0.24      | 2.36      | 3.94      | 0.13 | -                      | -         | -         | -         | -         | -    | 7-889-003 | 0.24      | 2.36      | 3.94      | 0.13 | -         | -         | -         | -         | -    | -         | -         |      |
| 4"                 | 7-889-005                          | 0.35      | 3.15      | 5.51      | 0.33 | -                      | -         | -         | -         | -         | -    | 7-889-003 | 0.24      | 2.36      | 3.94      | 0.13 | -         | -         | -         | -         | -    | -         | -         |      |
| 5"                 | 7-889-005                          | 0.35      | 3.15      | 5.51      | 0.33 | 7-891-905              | 0.35      | 0.28      | 3.15      | 6.30      | 0.40 | 7-890-906 | 0.28      | 3.94      | 5.91      | 0.26 | -         | -         | -         | -         | -    | -         | 7-889-005 |      |
| 6"                 | 7-889-008                          | 0.43      | 3.94      | 8.46      | 0.68 | 7-891-906              | 0.43      | 0.28      | 3.94      | 8.46      | 0.68 | 7-890-906 | 0.28      | 3.94      | 5.91      | 0.26 | 7-889-806 | 0.43      | 5.31      | 8.66      | 1.32 | -         | 7-889-008 |      |
| 8"                 | 7-889-008                          | 0.43      | 3.94      | 8.46      | 0.68 | 7-891-908              | 0.43      | 0.28      | 4.72      | 8.46      | 0.79 | 7-890-910 | 0.43      | 4.72      | 8.46      | 0.79 | 7-889-808 | 0.55      | 6.50      | 10.63     | 1.98 | -         | -         |      |
| 10"                | 7-889-012                          | 0.55      | 4.72      | 12.20     | 1.37 | 7-891-910              | 0.55      | 0.43      | 6.50      | 12.20     | 1.70 | 7-890-910 | 0.43      | 4.72      | 8.46      | 0.79 | 7-889-810 | 0.63      | 7.09      | 13.39     | 3.13 | -         | -         |      |
| 12"                | 7-889-012                          | 0.55      | 4.72      | 12.20     | 1.37 | 7-891-912              | 0.55      | 0.43      | 6.50      | 12.20     | 1.70 | 7-890-916 | 0.55      | 6.50      | 12.20     | 1.72 | 7-889-812 | 0.71      | 9.45      | 15.75     | 4.72 | -         | -         |      |
| 16"                | 7-889-016                          | 0.67      | 5.51      | 15.75     | 2.60 | 7-891-916              | 0.67      | 0.43      | 8.39      | 15.75     | 3.66 | 7-890-916 | 0.55      | 6.50      | 12.20     | 1.72 | -         | -         | -         | -         | -    | -         | -         |      |
| 20"                | 7-889-025                          | 0.75      | 5.51      | 17.72     | 3.17 | 7-891-925              | 0.75      | 0.43      | 10.24     | 17.72     | 5.03 | 7-890-925 | 0.67      | 9.06      | 17.72     | 3.88 | -         | -         | -         | -         | -    | -         | -         |      |
| 25"                | 7-889-025                          | 0.75      | 5.51      | 17.72     | 3.17 | 7-891-925              | 0.75      | 0.43      | 10.24     | 17.72     | 5.03 | 7-890-925 | 0.67      | 9.06      | 17.72     | 3.88 | -         | -         | -         | -         | -    | -         | -         |      |
| 32"                | 7-889-032                          | 0.75      | 5.51      | 25.59     | 4.34 | -                      | -         | -         | -         | -         | -    | 7-890-932 | 0.75      | 10.24     | 19.69     | 5.29 | -         | -         | -         | -         | -    | -         | -         |      |
| 40"                | 7-889-032                          | 0.75      | 5.51      | 25.59     | 4.34 | -                      | -         | -         | -         | -         | -    | 7-890-932 | 0.75      | 10.24     | 19.69     | 5.29 | -         | -         | -         | -         | -    | -         | -         |      |
| 49"                | 7-889-032                          | 0.75      | 5.51      | 25.59     | 4.34 | -                      | -         | -         | -         | -         | -    | 7-890-932 | 0.75      | 10.24     | 19.69     | 5.29 | -         | -         | -         | -         | -    | -         | -         |      |



## HARD SOLID JAWS INSIDE DIAMETER CLAMPING



|           | BISON Chuck Type | Chuck Size | Code No.  | Qty<br>in set | A<br>[in] | B<br>[in] | C<br>[in] | D<br>[in] | E<br>[in] | F<br>[in] | G<br>[in] | H<br>[in] | h<br>[in] | Weight<br>lbs / pc. |
|-----------|------------------|------------|-----------|---------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------------------|
| Ø 3 - 40" | 32**, 35**       | 3"         | 7-881-303 | 3             | 1.26      | 0.43      | 1.10      | 0.24      | 0.24      | 0.24      | 0.37      | 0.83      | 0.16      | 0.07                |
|           | 3266             | 3"         | 7-881-503 | 3             |           |           |           |           |           |           |           |           |           |                     |
|           | 32**, 35**       | 4"         | 7-881-304 | 3             | 1.65      | 0.59      | 1.22      | 0.24      | 0.24      | 0.28      | 0.43      | 1.06      | 0.24      | 0.22                |
|           | 36**, 37**       | 4"         | 7-881-404 | 4             |           |           |           |           |           |           |           |           |           |                     |
|           | 3266             | 4"         | 7-881-504 | 3             |           |           |           |           |           |           |           |           |           |                     |
|           | 32**, 35**       | 5"         | 7-881-305 | 3             | 2.01      | 0.59      | 1.57      | 0.24      | 0.31      | 0.31      | 0.51      | 1.32      | 0.28      | 0.44                |
|           | 36**, 37**       | 5"         | 7-881-405 | 4             |           |           |           |           |           |           |           |           |           |                     |
|           | 38**             | 5"         | 7-881-605 | 6             |           |           |           |           |           |           |           |           |           |                     |
|           | 3266             | 5"         | 7-881-505 | 3             |           |           |           |           |           |           |           |           |           |                     |
|           | 32**, 35**       | 6"         | 7-881-306 | 3             | 2.76      | 0.79      | 2.09      | 0.31      | 0.31      | 0.39      | 0.75      | 1.77      | 0.31      | 0.88                |
|           | 36**, 37**       | 6"         | 7-881-406 | 4             |           |           |           |           |           |           |           |           |           |                     |
|           | 38**             | 6"         | 7-881-606 | 6             |           |           |           |           |           |           |           |           |           |                     |
|           | 3266             | 6"         | 7-881-306 | 3             |           |           |           |           |           |           |           |           |           |                     |
|           | 32**, 35**       | 8"         | 7-881-308 | 3             | 3.35      | 0.98      | 2.13      | 0.35      | 0.39      | 0.47      | 0.91      | 2.24      | 0.31      | 1.10                |
|           | 36**, 37**       | 8"         | 7-881-408 | 4             |           |           |           |           |           |           |           |           |           |                     |
|           | 38**             | 8"         | 7-881-608 | 6             |           |           |           |           |           |           |           |           |           |                     |
|           | 3266             | 8"         | 7-881-308 | 3             |           |           |           |           |           |           |           |           |           |                     |
|           | 32**, 35**       | 10"        | 7-881-310 | 3             | 4.13      | 1.10      | 2.48      | 0.43      | 0.47      | 0.55      | 1.10      | 2.74      | 0.35      | 1.76                |
|           | 36**, 37**       | 10"        | 7-881-410 | 4             |           |           |           |           |           |           |           |           |           |                     |
|           | 38**             | 10"        | 7-881-610 | 6             |           |           |           |           |           |           |           |           |           |                     |
|           | 32**, 35**       | 12"        | 7-881-312 | 3             | 4.92      | 1.26      | 2.87      | 0.50      | 0.47      | 0.71      | 1.36      | 3.27      | 0.39      | 2.87                |
|           | 36**, 37**       | 12"        | 7-881-412 | 4             |           |           |           |           |           |           |           |           |           |                     |
|           | 38**             | 12"        | 7-881-612 | 6             |           |           |           |           |           |           |           |           |           |                     |
|           | 32**, 35**       | 16"        | 7-881-316 | 3             | 5.71      | 1.42      | 3.62      | 0.59      | 0.55      | 0.87      | 1.42      | 3.90      | 0.47      | 5.29                |
|           | 36**, 37**       | 16"        | 7-881-416 | 4             |           |           |           |           |           |           |           |           |           |                     |
|           | 38**             | 16"        | 7-881-616 | 6             |           |           |           |           |           |           |           |           |           |                     |
|           | 32**, 35**       | 20"        | 7-881-320 | 3             | 7.09      | 1.57      | 3.94      | 0.63      | 0.55      | 1.02      | 1.97      | 4.70      | 0.56      | 7.50                |
|           | 36**, 37**       | 20"        | 7-881-420 | 4             |           |           |           |           |           |           |           |           |           |                     |
|           | 38**             | 20"        | 7-881-620 | 6             |           |           |           |           |           |           |           |           |           |                     |
|           | 32**, 35**       | 25"        | 7-881-325 | 3             | 8.86      | 1.97      | 4.33      | 0.63      | 0.55      | 1.10      | 2.60      | 5.87      | 0.56      | 12.79               |
|           | 36**, 37**       | 25"        | 7-881-425 | 4             |           |           |           |           |           |           |           |           |           |                     |
|           | 38**             | 25"        | 7-881-625 | 6             |           |           |           |           |           |           |           |           |           |                     |
|           | 32**, 35**       | 32"        | 7-881-332 | 3             | 8.86      | 1.97      | 4.33      | 0.63      | 0.55      | 1.10      | 2.60      | 5.87      | 0.56      | 12.79               |
|           | 36**, 37**       | 32"        | 7-881-432 | 4             |           |           |           |           |           |           |           |           |           |                     |
|           | 38**             | 32"        | 7-881-632 | 6             |           |           |           |           |           |           |           |           |           |                     |
|           | 32**, 35**       | 40"        | 7-881-340 | 3             | 11.46     | 2.76      | 5.51      | 0.87      | 0.79      | 1.34      | 3.35      | 7.48      | 0.71      | 31.53               |
|           | 36**, 37**       | 40"        | 7-881-440 | 4             |           |           |           |           |           |           |           |           |           |                     |
|           | 38**             | 40"        | 7-881-640 | 6             |           |           |           |           |           |           |           |           |           |                     |



### HARD SOLID JAWS OUTSIDE DIAMETER CLAMPING

| BISON Chuck Type | Chuck Size | Code No.  | Qty in set | A [in] | B [in] | C [in] | D [in] | E [in] | F [in] | J [in] | K [in] | h [in] | Weight lbs / pc. |
|------------------|------------|-----------|------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|------------------|
| 32**; 35**       | 3"         | 7-880-303 | 3          | 1.26   | 0.43   | 1.10   | 0.24   | 0.24   | 0.24   | 0.37   | 0.83   | 0.16   | 0.07             |
| 3266             | 3"         | 7-880-503 | 3          |        |        |        |        |        |        |        |        |        |                  |
| 32**; 35**       | 4"         | 7-880-304 | 3          | 1.65   | 0.59   | 1.22   | 0.24   | 0.24   | 0.28   | 0.43   | 1.06   | 0.24   | 0.22             |
| 36**; 37**       | 4"         | 7-880-404 | 4          |        |        |        |        |        |        |        |        |        |                  |
| 3266             | 4"         | 7-880-504 | 3          | 2.01   | 0.59   | 1.57   | 0.24   | 0.31   | 0.31   | 0.51   | 1.32   | 0.28   | 0.44             |
| 32**; 35**       | 5"         | 7-880-305 | 3          |        |        |        |        |        |        |        |        |        |                  |
| 36**; 37**       | 5"         | 7-880-405 | 4          |        |        |        |        |        |        |        |        |        |                  |
| 38**             | 5"         | 7-880-605 | 6          |        |        |        |        |        |        |        |        |        |                  |
| 3266             | 5"         | 7-880-505 | 3          | 2.76   | 0.79   | 2.09   | 0.31   | 0.31   | 0.39   | 0.75   | 1.77   | 0.31   | 0.88             |
| 32**; 35**       | 6"         | 7-880-306 | 3          |        |        |        |        |        |        |        |        |        |                  |
| 36**; 37**       | 6"         | 7-880-406 | 4          |        |        |        |        |        |        |        |        |        |                  |
| 38**             | 6"         | 7-880-606 | 6          |        |        |        |        |        |        |        |        |        |                  |
| 3266             | 6"         | 7-880-306 | 3          | 3.35   | 0.98   | 2.13   | 0.35   | 0.39   | 0.47   | 0.91   | 2.24   | 0.31   | 1.10             |
| 32**; 35**       | 8"         | 7-880-308 | 3          |        |        |        |        |        |        |        |        |        |                  |
| 36**; 37**       | 8"         | 7-880-408 | 4          |        |        |        |        |        |        |        |        |        |                  |
| 38**             | 8"         | 7-880-608 | 6          |        |        |        |        |        |        |        |        |        |                  |
| 3266             | 8"         | 7-880-308 | 3          | 4.13   | 1.10   | 2.48   | 0.43   | 0.47   | 0.55   | 1.10   | 2.74   | 0.35   | 1.76             |
| 32**; 35**       | 10"        | 7-880-310 | 3          |        |        |        |        |        |        |        |        |        |                  |
| 36**; 37**       | 10"        | 7-880-410 | 4          |        |        |        |        |        |        |        |        |        |                  |
| 38**             | 10"        | 7-880-610 | 6          | 4.92   | 1.26   | 2.87   | 0.50   | 0.47   | 0.71   | 1.36   | 3.27   | 0.39   | 2.87             |
| 32**; 35**       | 12"        | 7-880-312 | 3          |        |        |        |        |        |        |        |        |        |                  |
| 36**; 37**       | 12"        | 7-880-412 | 4          |        |        |        |        |        |        |        |        |        |                  |
| 38**             | 12"        | 7-880-612 | 6          | 5.71   | 1.42   | 3.62   | 0.59   | 0.55   | 0.87   | 1.42   | 3.90   | 0.47   | 5.29             |
| 32**; 35**       | 16"        | 7-880-316 | 3          |        |        |        |        |        |        |        |        |        |                  |
| 36**; 37**       | 16"        | 7-880-416 | 4          |        |        |        |        |        |        |        |        |        |                  |
| 38**             | 16"        | 7-880-616 | 6          | 7.09   | 1.57   | 3.94   | 0.63   | 0.55   | 1.02   | 1.97   | 4.70   | 0.56   | 7.50             |
| 32**; 35**       | 20"        | 7-880-320 | 3          |        |        |        |        |        |        |        |        |        |                  |
| 36**; 37**       | 20"        | 7-880-420 | 4          |        |        |        |        |        |        |        |        |        |                  |
| 38**             | 20"        | 7-880-620 | 6          | 8.86   | 1.97   | 4.33   | 0.63   | 0.55   | 1.10   | 2.60   | 5.87   | 0.56   | 12.79            |
| 32**; 35**       | 25"        | 7-880-325 | 3          |        |        |        |        |        |        |        |        |        |                  |
| 36**; 37**       | 25"        | 7-880-425 | 4          |        |        |        |        |        |        |        |        |        |                  |
| 38**             | 25"        | 7-880-625 | 6          | 8.86   | 1.97   | 4.33   | 0.63   | 0.55   | 1.10   | 2.60   | 5.87   | 0.56   | 12.79            |
| 32**; 35**       | 32"        | 7-880-332 | 3          |        |        |        |        |        |        |        |        |        |                  |
| 36**; 37**       | 32"        | 7-880-432 | 4          |        |        |        |        |        |        |        |        |        |                  |
| 38**             | 32"        | 7-880-632 | 6          | 11.46  | 2.76   | 5.51   | 0.87   | 0.79   | 1.34   | 3.35   | 7.48   | 0.71   | 31.53            |
| 32**; 35**       | 40"        | 7-880-340 | 3          |        |        |        |        |        |        |        |        |        |                  |
| 36**; 37**       | 40"        | 7-880-440 | 4          |        |        |        |        |        |        |        |        |        |                  |
| 38**             | 40"        | 7-880-640 | 6          |        |        |        |        |        |        |        |        |        |                  |



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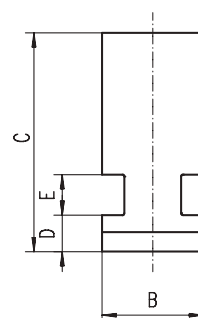
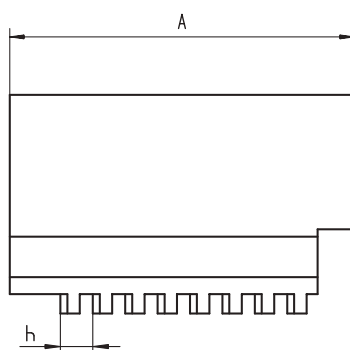
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## HARD SOLID JAWS REVERSIBLE CLAMPING



| Ø 2 - 6" | BISON Chuck Type | Chuck Size | Qty in set | Code No.  |
|----------|------------------|------------|------------|-----------|
|          | 3286             | 2"         | 3          | 7-893-003 |
|          | 3286             | 2-1/3"     | 3          | 7-893-002 |
|          | 3866             | 3"         | 6          | 7-892-603 |
|          | 3867             | 3-1/2"     | 6          | 7-892-703 |
|          | 3868             | 3-1/2"     | 6          | 7-892-803 |
|          | 3866             | 4"         | 6          | 7-892-604 |
|          | 3867             | 4-1/3"     | 6          | 7-892-704 |
|          | 3866             | 5"         | 6          | 7-892-605 |
|          | 3866             | 6"         | 6          | 7-892-606 |
|          | 3867             | 6"         | 6          | 7-892-706 |



### SOFT SOLID JAWS

| BISON Chuck Type | Chuck Size | Code No. | Qty in set | A [in] | B [in] | C [in] | D [in] | E [in] | h [in] | Weight lbs / pc. |
|------------------|------------|----------|------------|--------|--------|--------|--------|--------|--------|------------------|
| Ø 3 - 40"        | 32**, 35** | 3"       | 3          | 1.26   | 0.43   | 1.10   | 0.24   | 0.24   | 0.16   | 0.22             |
|                  | 32**, 35** | 4"       | 3          | 1.65   | 0.59   | 1.22   | 0.24   | 0.24   | 0.24   | 0.22             |
|                  | 36**, 37** | 4"       | 4          |        |        |        |        |        |        |                  |
|                  | 32**, 35** | 5"       | 3          | 2.01   | 0.59   | 1.57   | 0.31   | 0.24   | 0.28   | 0.66             |
|                  | 36**, 37** | 5"       | 4          |        |        |        |        |        |        |                  |
|                  | 38**       | 5"       | 6          |        |        |        |        |        |        |                  |
|                  | 32**, 35** | 6"       | 3          | 2.76   | 0.79   | 2.09   | 0.31   | 0.31   | 0.31   | 1.10             |
|                  | 36**, 37** | 6"       | 4          |        |        |        |        |        |        |                  |
|                  | 38**       | 6"       | 6          |        |        |        |        |        |        |                  |
|                  | 32**, 35** | 8"       | 3          | 3.35   | 0.98   | 2.13   | 0.35   | 0.39   | 0.31   | 1.76             |
|                  | 36**, 37** | 8"       | 4          |        |        |        |        |        |        |                  |
|                  | 38**       | 8"       | 6          |        |        |        |        |        |        |                  |
|                  | 32**, 35** | 10"      | 3          | 4.13   | 1.10   | 2.48   | 0.43   | 0.47   | 0.35   | 3.09             |
|                  | 36**, 37** | 10"      | 4          |        |        |        |        |        |        |                  |
|                  | 38**       | 10"      | 6          |        |        |        |        |        |        |                  |
|                  | 32**, 35** | 12"      | 3          | 4.92   | 1.26   | 2.87   | 0.50   | 0.47   | 0.39   | 4.19             |
|                  | 36**, 37** | 12"      | 4          |        |        |        |        |        |        |                  |
|                  | 38**       | 12"      | 6          |        |        |        |        |        |        |                  |
|                  | 32**, 35** | 16"      | 3          | 5.71   | 1.42   | 3.62   | 0.59   | 0.55   | 0.47   | 5.51             |
|                  | 36**, 37** | 16"      | 4          |        |        |        |        |        |        |                  |
|                  | 38**       | 16"      | 6          |        |        |        |        |        |        |                  |
|                  | 32**, 35** | 20"      | 3          | 7.09   | 1.57   | 3.94   | 0.63   | 0.55   | 0.56   | 11.02            |
|                  | 36**, 37** | 20"      | 4          |        |        |        |        |        |        |                  |
|                  | 38**       | 20"      | 6          |        |        |        |        |        |        |                  |
|                  | 32**, 35** | 25"      | 3          | 8.86   | 1.97   | 4.33   | 0.63   | 0.55   | 0.56   | 18.52            |
|                  | 36**, 37** | 25"      | 4          |        |        |        |        |        |        |                  |
|                  | 38**       | 25"      | 6          |        |        |        |        |        |        |                  |
|                  | 32**, 35** | 32"      | 3          | 8.86   | 1.97   | 4.33   | 0.63   | 0.55   | 0.56   | 18.52            |
|                  | 36**, 37** | 32"      | 4          |        |        |        |        |        |        |                  |
|                  | 38**-32"   | 32"      | 6          |        |        |        |        |        |        |                  |
|                  | 32**, 35** | 40"      | 3          | 11.42  | 2.76   | 5.51   | 0.87   | 0.79   | 0.71   | 44.75            |
|                  | 36**, 37** | 40"      | 4          |        |        |        |        |        |        |                  |
|                  | 38**       | 40"      | 6          |        |        |        |        |        |        |                  |

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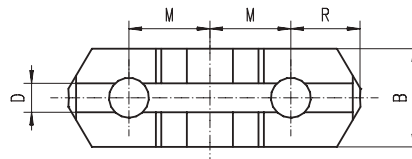
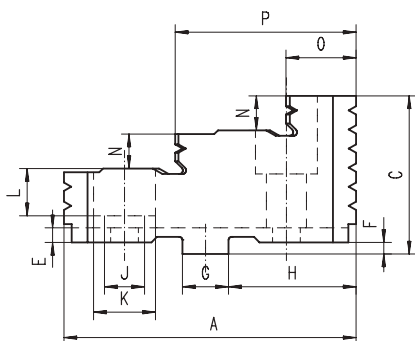
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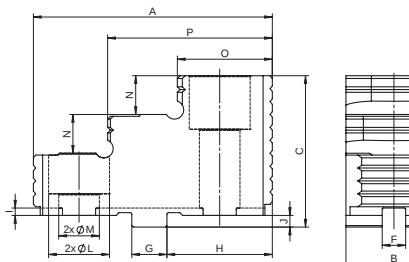
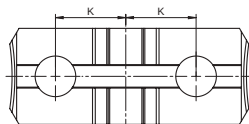
## HARD TOP JAWS



| BISON Chuck Type | Chuck Size | Code No.  | Qty in set | A [in] | B [in] | C [in] | D [in] | E [in] | F [in] | G [in] | H [in] | J [in] | K [in] | L [in] | M [in] | N [in] | O [in] | P [in] | R [in] | Weight lbs / pc. |
|------------------|------------|-----------|------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|------------------|
| 32**; 35**       | 5"         | 7-883-305 | 3          | 2.20   | 0.87   | 1.52   | 0.31   | 0.16   | 0.13   | 0.50   | 0.89   | 0.35   | 0.59   | 0.39   | 0.63   | 0.31   | 0.57   | 1.38   | 0.51   | 0.44             |
| 36**; 37**       | 5"         | 7-883-405 | 4          |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |                  |
| 38**             | 5"         | 7-883-605 | 6          | 2.20   | 0.87   | 1.52   | 0.31   | 0.16   | 0.13   | 0.50   | 0.89   | 0.26   | 0.43   | 0.39   | 0.63   | 0.31   | 0.57   | 1.38   | 0.51   | 0.44             |
| 32**; 35**       | 6"         | 7-883-306 | 3          | 2.64   | 0.98   | 1.63   | 0.31   | 0.16   | 0.13   | 0.50   | 1.13   | 0.43   | 0.67   | 0.47   | 0.75   | 0.33   | 0.71   | 1.63   | 0.63   | 0.66             |
| 36**; 37**       | 6"         | 7-883-406 | 4          |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |                  |
| 38**             | 6"         | 7-883-606 | 6          | 2.64   | 0.98   | 1.63   | 0.31   | 0.16   | 0.13   | 0.50   | 1.13   | 0.40   | 0.67   | 0.47   | 0.75   | 0.33   | 0.71   | 1.63   | 0.63   | 0.66             |
| 32**; 35**       | 8"         | 7-883-308 | 3          | 3.15   | 1.06   | 1.71   | 0.31   | 0.16   | 0.13   | 0.50   | 1.37   | 0.43   | 0.67   | 0.47   | 0.88   | 0.37   | 0.85   | 2.01   | 0.75   | 0.88             |
| 36**; 37**       | 8"         | 7-883-408 | 4          |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |                  |
| 38**             | 8"         | 7-883-608 | 6          | 3.15   | 1.06   | 1.71   | 0.31   | 0.16   | 0.13   | 0.50   | 1.37   | 0.40   | 0.67   | 0.47   | 0.88   | 0.37   | 0.85   | 2.01   | 0.75   | 0.88             |
| 32**; 35**       | 10"        | 7-883-310 | 3          | 3.74   | 1.28   | 2.03   | 0.50   | 0.16   | 0.13   | 0.75   | 1.56   | 0.55   | 0.79   | 0.57   | 1.06   | 0.47   | 0.96   | 2.32   | 0.87   | 1.32             |
| 36**; 37**       | 10"        | 7-883-410 | 4          |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |                  |
| 38**             | 10"        | 7-883-610 | 6          |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |                  |
| 32**; 35**       | 12"        | 7-883-312 | 3          | 4.33   | 1.46   | 2.17   | 0.50   | 0.16   | 0.13   | 0.75   | 1.87   | 0.55   | 0.79   | 0.57   | 1.25   | 0.51   | 1.04   | 2.68   | 1.39   | 1.98             |
| 36**; 37**       | 12"        | 7-883-412 | 4          |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |                  |
| 38**             | 12"        | 7-883-612 | 6          |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |                  |
| 32**; 35**       | 16"        | 7-883-316 | 3          | 5.00   | 1.65   | 2.54   | 0.50   | 0.16   | 0.25   | 0.75   | 2.25   | 0.71   | 1.02   | 0.73   | 1.50   | 0.53   | 1.06   | 3.01   | 1.12   | 3.09             |
| 36**; 37**       | 16"        | 7-883-416 | 4          |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |                  |
| 38**             | 16"        | 7-883-616 | 6          |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |                  |
| 32**; 35**       | 20"        | 7-883-320 | 3          | 5.00   | 1.65   | 2.93   | 0.50   | 0.16   | 0.25   | 0.75   | 2.25   | 0.87   | 1.30   | 0.83   | 1.50   | 0.67   | 1.97   | 3.46   | 1.12   | 3.53             |
| 36**; 37**       | 20"        | 7-883-420 | 4          |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |                  |
| 38**             | 20"        | 7-883-620 | 6          |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |                  |
| 32**; 35**       | 25"        | 7-883-325 | 3          | 5.00   | 2.05   | 3.23   | 0.50   | 0.16   | 0.25   | 0.75   | 2.25   | 0.87   | 1.30   | 0.83   | 1.50   | 0.83   | 2.01   | 3.50   | 1.12   | 5.29             |
| 36**; 37**       | 25"        | 7-883-425 | 4          |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |                  |
| 38**             | 25"        | 7-883-625 | 6          |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |                  |
| 32**; 35**       | 32"        | 7-883-325 | 3          | 5.00   | 2.05   | 3.23   | 0.50   | 0.16   | 0.25   | 0.75   | 2.25   | 0.87   | 1.30   | 0.83   | 1.50   | 0.83   | 2.01   | 3.50   | 1.12   | 5.29             |
| 36**; 37**       | 32"        | 7-883-432 | 4          |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |                  |
| 38**             | 32"        | 7-883-632 | 6          |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |                  |
| 32**; 35**       | 40"        | 7-883-340 | 3          | 6.89   | 2.95   | 3.82   | 0.50   | 0.18   | 0.25   | 0.75   | 3.75   | 0.94   | 1.38   | 0.91   | 1.50   | 1.10   | 1.89   | 4.88   | 2.64   | 12.13            |
| 36**; 37**       | 40"        | 7-883-440 | 4          |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |                  |
| 38**             | 40"        | 7-883-640 | 6          |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |                  |



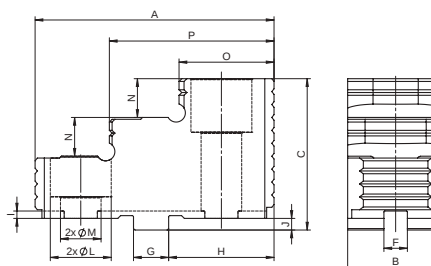
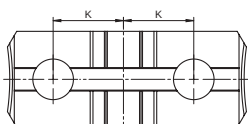
**HARD TOP JAWS 3597**



|            | BISON Chuck Type | Chuck Size | Code No.<br>3 pc set | A<br>[in] | B<br>[in] | C<br>[in] | F<br>[in] | G<br>[in] | H<br>[in] | I<br>[in] | J<br>[in] | K<br>[in] | M<br>[in] | L<br>[in] | N<br>[in] | O<br>[in] | P<br>[in] | Weight<br>lbs / pc. |
|------------|------------------|------------|----------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------------------|
| Ø 12 - 40" | 3597             | 12"        | 7-883-112            | 4.33      | 1.46      | 2.17      | 0.50      | 0.75      | 1.87      | 0.16      | 0.13      | 1.25      | 0.55      | 0.83      | 0.51      | 1.04      | 2.68      | 1.98                |
|            | 3597             | 16"        | 7-883-116            | 5.00      | 1.65      | 2.54      | 0.50      | 0.75      | 2.04      | 0.16      | 0.25      | 1.50      | 0.71      | 1.02      | 0.53      | 1.04      | 3.01      | 3.09                |
|            | 3597             | 20-1/3"    | 7-883-120            | 5.00      | 1.65      | 2.93      | 0.50      | 0.75      | 2.04      | 0.16      | 0.25      | 1.50      | 0.87      | 1.30      | 0.67      | 2.01      | 3.50      | 3.53                |
|            | 3597             | 26"        | 7-883-126            | 5.00      | 2.05      | 3.23      | 0.50      | 0.75      | 2.04      | 0.16      | 0.25      | 1.50      | 0.87      | 1.30      | 0.83      | 2.01      | 3.41      | 5.29                |
|            | 3597             | 32"        | 7-883-132            | 5.00      | 2.05      | 3.23      | 0.50      | 0.75      | 2.04      | 0.16      | 0.25      | 1.50      | 0.87      | 1.30      | 0.83      | 2.01      | 3.50      | 5.07                |
|            | 3597             | 40"        | 7-883-140            | 6.89      | 2.95      | 3.82      | 0.50      | 0.75      | 3.75      | 0.18      | 0.25      | 1.50      | 0.94      | 1.38      | 1.10      | 1.99      | 2.98      | 12.35               |



**HARD TOP JAWS HD**



|            | BISON Chuck Type | Code No.<br>3 pcs set | A<br>[in] | B<br>[in] | C<br>[in] | F<br>[in] | G<br>[in] | H<br>[in] | I<br>[in] | J<br>[in] | K<br>[in] | M<br>[in] | L<br>[in] | N<br>[in] | O<br>[in] | P<br>[in] | Weight<br>lbs / pc. |
|------------|------------------|-----------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------------------|
| Ø 16 - 40" | 3515-16" HD      | 7-883-5167            | 5.31      | 2.13      | 3.23      | 0.50      | 0.75      | 2.25      | 0.16      | 0.25      | 1.50      | 0.87      | 1.30      | 0.83      | 2.15      | 3.46      | 5.40                |
|            | 3515-20" HD      | 7-883-5207            | 5.31      | 2.13      | 3.23      | 0.50      | 0.75      | 2.25      | 0.16      | 0.25      | 1.50      | 0.87      | 1.30      | 0.83      | 2.15      | 3.45      | 5.40                |
|            | 3515-25" HD      | 7-883-5289            | 5.31      | 2.95      | 3.82      | 0.50      | 0.75      | 2.25      | 0.16      | 0.25      | 1.50      | 0.94      | 1.38      | 1.10      | 2.23      | 2.34      | 9.04                |
|            | 3515-32" HD      | 7-883-5329            | 5.31      | 2.95      | 3.82      | 0.50      | 0.75      | 2.25      | 0.16      | 0.25      | 1.50      | 0.94      | 1.38      | 1.10      | 2.22      | 2.33      | 9.04                |

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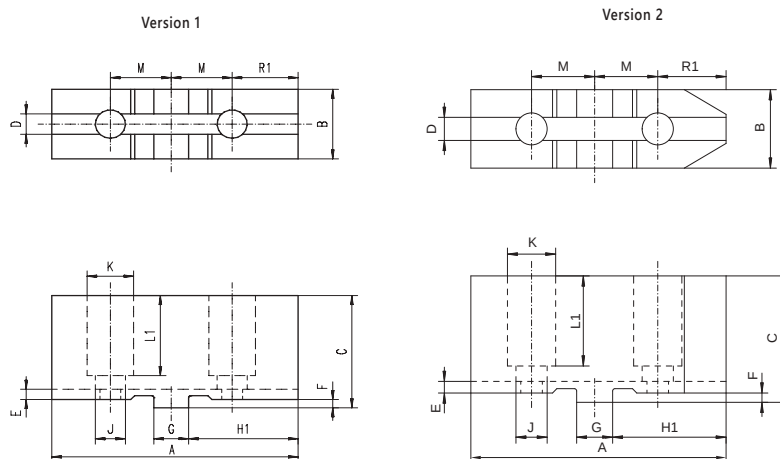
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## SOFT TOP JAWS

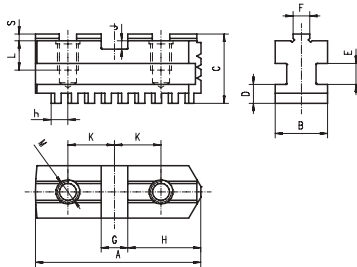


| BISON Chuck Type | Chuck Size | Code No.  | Qty in set | Version | A [in] | B [in] | C [in] | D [in] | E [in] | F [in] | G [in] | H1 [in] | J [in] | K [in] | L <sub>1</sub> [in] | M [in] | Weight lbs / pc. |
|------------------|------------|-----------|------------|---------|--------|--------|--------|--------|--------|--------|--------|---------|--------|--------|---------------------|--------|------------------|
| 32**, 35**       | 5"         | 7-884-305 | 1          | 1       | 2.52   | 0.87   | 1.83   | 0.31   | 0.16   | 0.13   | 0.50   | 0.98    | 0.35   | 0.59   | 1.02                | 0.63   | 0.66             |
| 36**, 37**       | 5"         | 7-884-605 | 6          | 2       | 2.52   | 0.87   | 1.83   | 0.31   | 0.16   | 0.13   | 0.50   | 0.98    | 0.26   | 0.43   | 1.02                | 0.63   | 0.66             |
| 3105             | 6"         | 7-884-206 | 1          | 1       | 3.07   | 1.57   | 1.63   | 0.31   | 0.16   | 0.13   | 0.50   | 1.34    | 0.43   | 0.71   | 1.14                | 0.75   | 1.10             |
| 32**, 35**       | 6"         | 7-884-306 | 1          |         |        | 0.98   |        |        |        |        |        |         |        |        |                     |        |                  |
| 36**, 37**       | 6"         | 7-884-606 | 1          |         |        | 0.98   |        |        |        |        |        |         |        |        |                     |        |                  |
| 38**             | 6"         | 7-884-208 | 1          |         |        | 0.98   |        |        |        |        |        |         |        |        |                     |        |                  |
| 3105             | 8"         | 7-884-308 | 1          | 1       | 3.54   | 1.57   | 1.63   | 0.31   | 0.16   | 0.13   | 0.50   | 1.57    | 0.43   | 0.55   | 1.22                | 0.88   | 1.54             |
| 32**, 35**       | 8"         | 7-884-608 | 1          | 2       | 3.54   | 1.06   | 1.71   | 0.31   | 0.16   | 0.13   | 0.50   | 1.57    | 0.43   | 0.71   | 1.22                | 0.88   | 1.54             |
| 36**, 37**       | 8"         | 7-884-210 | 1          | 1       | 4.17   | 1.85   | 2.03   | 0.50   | 0.16   | 0.13   | 0.75   | 1.77    | 0.55   | 0.79   | 1.50                | 1.06   | 2.65             |
| 32**, 35**       | 10"        | 7-884-310 | 1          |         |        |        |        |        |        |        |        |         |        |        |                     |        |                  |
| 36**, 37**       | 10"        | 7-884-610 | 1          |         |        |        |        |        |        |        |        |         |        |        |                     |        |                  |
| 38**             | 10"        | 7-884-212 | 1          |         |        |        |        |        |        |        |        |         |        |        |                     |        |                  |
| 3105             | 12"        | 7-884-312 | 1          | 1       | 4.72   | 2.05   | 2.17   | 0.50   | 0.16   | 0.13   | 0.75   | 2.09    | 0.55   | 0.79   | 1.57                | 1.25   | 3.53             |
| 32**, 35**       | 12"        | 7-884-612 | 1          | 2       | 4.72   | 1.46   | 2.17   | 0.50   | 0.16   | 0.13   | 0.75   | 2.09    | 0.55   | 0.79   | 1.57                | 1.25   | 3.53             |
| 36**, 37**       | 12"        | 7-884-216 | 1          | 1       | 5.51   | 2.05   | 2.54   | 0.50   | 0.16   | 0.25   | 0.75   | 2.48    | 0.71   | 1.02   | 1.79                | 1.50   | 4.85             |
| 32**, 35**       | 16"        | 7-884-316 | 1          |         |        |        |        |        |        |        |        |         |        |        |                     |        |                  |
| 36**, 37**       | 16"        | 7-884-616 | 1          |         |        |        |        |        |        |        |        |         |        |        |                     |        |                  |
| 38**             | 16"        | 7-884-220 | 1          |         |        |        |        |        |        |        |        |         |        |        |                     |        |                  |
| 3105             | 20"        | 7-884-320 | 1          | 1       | 5.51   | 1.65   | 2.93   | 0.50   | 0.16   | 0.25   | 0.75   | 2.48    | 0.87   | 1.30   | 2.20                | 1.50   | 5.29             |
| 32**, 35**       | 20"        | 7-884-620 | 1          | 2       | 5.51   | 1.65   | 2.93   | 0.50   | 0.16   | 0.25   | 0.75   | 2.48    | 0.87   | 1.30   | 2.20                | 1.50   | 5.29             |
| 36**, 37**       | 25"        | 7-884-325 | 1          | 1       | 6.30   | 2.05   | 3.23   | 0.50   | 0.16   | 0.25   | 0.75   | 2.48    | 0.87   | 1.30   | 2.52                | 1.50   | 9.26             |
| 38**             | 25"        | 7-884-625 | 1          | 2       | 6.30   | 2.05   | 3.23   | 0.50   | 0.16   | 0.25   | 0.75   | 2.48    | 0.87   | 1.30   | 2.52                | 1.50   | 9.26             |
| 3105             | 32"        | 7-884-325 | 1          | 1       | 6.30   | 2.05   | 3.23   | 0.50   | 0.16   | 0.25   | 0.75   | 2.48    | 0.87   | 1.30   | 2.52                | 1.50   | 22.05            |
| 32**, 35**       | 32"        | 7-884-625 | 1          | 2       | 6.30   | 2.05   | 3.23   | 0.50   | 0.16   | 0.25   | 0.75   | 2.48    | 0.87   | 1.30   | 2.52                | 1.50   | 22.05            |
| 36**, 37**       | 40"        | 7-884-340 | 1          | 1       | 7.52   | 2.95   | 3.82   | 0.50   | 0.18   | 0.25   | 0.75   | 4.13    | 0.94   | 1.38   | 3.07                | 1.50   | 31.53            |
| 38**             | 40"        | 7-884-640 | 1          | 2       | 7.52   | 2.95   | 3.82   | 0.50   | 0.18   | 0.25   | 0.75   | 4.13    | 0.94   | 1.38   | 3.07                | 1.50   | 31.53            |

Ø 5 - 40"

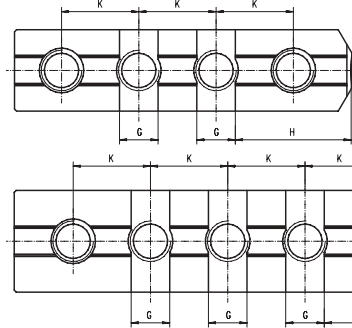


Ø 5"-16"

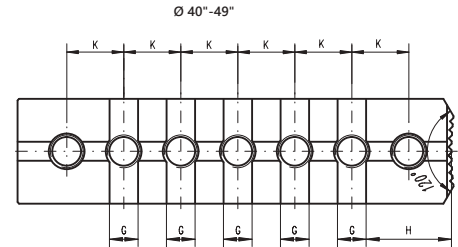


### HARD MASTER JAWS

Ø 20"



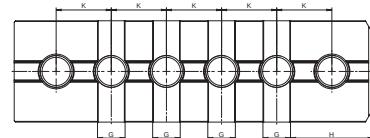
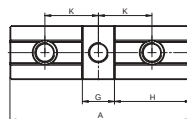
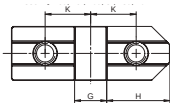
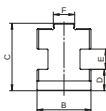
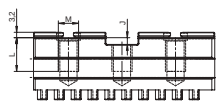
Ø 25"-32"



\* Screws are included in delivery

|          | BISON Chuck Type | Chuck Size | Code No.  | Qty in set | A [in] | B [in] | C [in] | D [in] | E [in] | F [in] | G [in] | H [in] | J [in] | K [in] | L [in] | M*       | S [in] | h [in] | Weight lbs / pc. |
|----------|------------------|------------|-----------|------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------|--------|--------|------------------|
| Ø 5"-40" | 32**, 35**       | 5"         | 7-885-305 | 3          |        |        |        |        |        |        |        |        |        |        |        |          |        |        |                  |
|          | 36**, 37**       | 5"         | 7-885-405 | 4          | 2.13   | 0.79   | 1.10   | 0.31   | 0.31   | 0.31   | 0.50   | 0.89   | 0.16   | 0.63   | 0.53   | M8-1.25  | 0.13   | 0.28   | 0.22             |
|          | 38**             | 5"         | 7-885-605 | 6          | 2.13   | 0.79   | 1.10   | 0.31   | 0.31   | 0.31   | 0.50   | 0.89   | 0.16   | 0.63   | 0.53   | M8-1.25  | 0.13   | 0.28   | 0.22             |
|          | 3105             | 6"         | 7-885-206 | 2          |        |        |        |        |        |        |        |        |        |        |        |          |        |        |                  |
|          | 32**, 35**       | 6"         | 7-885-306 | 3          | 2.56   | 0.79   | 1.14   | 0.31   | 0.31   | 0.31   | 0.50   | 1.13   | 0.16   | 0.75   | 0.55   | M10-1.5  | 0.13   | 0.31   | 0.44             |
|          | 36**, 37**       | 6"         | 7-885-406 | 4          |        |        |        |        |        |        |        |        |        |        |        |          |        |        |                  |
|          | 38**             | 6"         | 7-885-606 | 6          | 2.56   | 0.79   | 1.14   | 0.31   | 0.31   | 0.31   | 0.50   | 1.13   | 0.16   | 0.75   | 0.55   | M8-1.25  | 0.13   | 0.31   | 0.44             |
|          | 3105             | 8"         | 7-885-208 | 2          |        |        |        |        |        |        |        |        |        |        |        |          |        |        |                  |
|          | 32**, 35**       | 8"         | 7-885-308 | 3          | 3.11   | 0.98   | 1.30   | 0.35   | 0.39   | 0.31   | 0.50   | 1.37   | 0.16   | 0.88   | 0.55   | M10-1.5  | 0.13   | 0.31   | 0.66             |
|          | 36**, 37**       | 8"         | 7-885-408 | 4          |        |        |        |        |        |        |        |        |        |        |        |          |        |        |                  |
|          | 38**             | 8"         | 7-885-608 | 6          | 3.11   | 0.98   | 1.30   | 0.35   | 0.39   | 0.31   | 0.50   | 1.37   | 0.16   | 0.88   | 0.55   | M8-1.25  | 0.13   | 0.31   | 0.66             |
|          | 3105             | 10"        | 7-885-210 | 2          |        |        |        |        |        |        |        |        |        |        |        |          |        |        |                  |
|          | 32**, 35**       | 10"        | 7-885-310 | 3          | 3.62   | 1.10   | 1.42   | 0.43   | 0.47   | 0.50   | 0.75   | 1.56   | 0.16   | 1.06   | 0.63   | M12-1.75 | 0.13   | 0.35   | 1.10             |
|          | 36**, 37**       | 10"        | 7-885-410 | 4          |        |        |        |        |        |        |        |        |        |        |        |          |        |        |                  |
|          | 38**             | 10"        | 7-885-610 | 6          |        |        |        |        |        |        |        |        |        |        |        |          |        |        |                  |
|          | 3105             | 12"        | 7-885-212 | 2          |        |        |        |        |        |        |        |        |        |        |        |          |        |        |                  |
|          | 32**, 35**       | 12"        | 7-885-312 | 3          | 4.33   | 1.26   | 1.57   | 0.50   | 0.47   | 0.50   | 0.76   | 1.87   | 0.16   | 1.25   | 0.63   | M12-1.75 | 0.13   | 0.39   | 1.76             |
|          | 36**, 37**       | 12"        | 7-885-412 | 4          |        |        |        |        |        |        |        |        |        |        |        |          |        |        |                  |
|          | 38**             | 12"        | 7-885-612 | 6          |        |        |        |        |        |        |        |        |        |        |        |          |        |        |                  |
|          | 3105             | 16"        | 7-885-216 | 2          |        |        |        |        |        |        |        |        |        |        |        |          |        |        |                  |
|          | 32**, 35**       | 16"        | 7-885-316 | 3          | 5.12   | 1.42   | 1.93   | 0.59   | 0.55   | 0.50   | 0.75   | 2.25   | 0.28   | 1.50   | 0.87   | M16-2.00 | 0.13   | 0.47   | 2.43             |
|          | 36**, 37**       | 16"        | 7-885-416 | 4          |        |        |        |        |        |        |        |        |        |        |        |          |        |        |                  |
|          | 38**             | 16"        | 7-885-616 | 6          |        |        |        |        |        |        |        |        |        |        |        |          |        |        |                  |
|          | 32**, 35**       | 20"        | 7-885-320 | 3          |        |        |        |        |        |        |        |        |        |        |        |          |        |        |                  |
|          | 36**, 37**       | 20"        | 7-885-420 | 4          | 6.54   | 1.57   | 2.13   | 0.63   | 0.55   | 0.50   | 0.75   | 2.25   | 0.28   | 1.50   | 1.28   | M20-2.5  | 0.13   | 0.56   | 4.85             |
|          | 38**             | 20"        | 7-885-620 | 6          |        |        |        |        |        |        |        |        |        |        |        |          |        |        |                  |
|          | 32**, 35**       | 25"        | 7-885-325 | 3          |        |        |        |        |        |        |        |        |        |        |        |          |        |        |                  |
|          | 36**, 37**       | 25"        | 7-885-425 | 4          | 8.27   | 1.97   | 2.15   | 0.63   | 0.55   | 0.50   | 0.75   | 2.25   | 0.28   | 1.50   | 1.28   | M20-2.5  | 0.13   | 0.56   | 7.28             |
|          | 38**             | 25"        | 7-885-625 | 6          |        |        |        |        |        |        |        |        |        |        |        |          |        |        |                  |
|          | 32**, 35**       | 32"        | 7-885-332 | 3          |        |        |        |        |        |        |        |        |        |        |        |          |        |        |                  |
|          | 36**, 37**       | 32"        | 7-885-432 | 4          | 8.86   | 1.97   | 2.15   | 0.63   | 0.55   | 0.50   | 0.75   | 2.25   | 0.28   | 1.50   | 1.28   | M20-2.5  | 0.13   | 0.56   | 7.50             |
|          | 38**             | 32"        | 7-885-632 | 6          |        |        |        |        |        |        |        |        |        |        |        |          |        |        |                  |
|          | 32**, 35**       | 40"        | 7-885-340 | 3          |        |        |        |        |        |        |        |        |        |        |        |          |        |        |                  |
|          | 36**, 37**       | 40"        | 7-885-440 | 4          | 12.91  | 2.76   | 2.52   | 0.87   | 0.79   | 0.50   | 0.75   | 2.25   | 0.28   | 1.50   | 1.42   | M22-2.5  | 0.13   | 0.71   | 17.20            |
|          | 38**             | 40"        | 7-885-640 | 6          |        |        |        |        |        |        |        |        |        |        |        |          |        |        |                  |

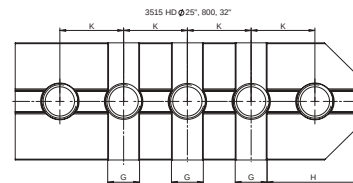
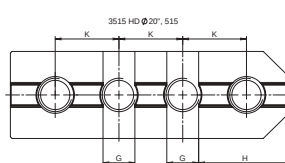
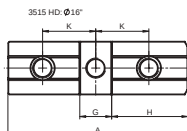
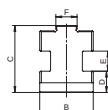
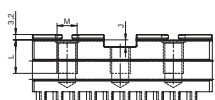
## HARD MASTER JAWS 3295 AND 3597



\* Screws are included in delivery

|            | BISON Chuck Type | Chuck Size | Code No. 3 pc set | A [in] | B [in] | C [in] | D [in] | E [in] | F [in] | G [in] | H [in] | J [in] | K [in] | L [in] | M*       | Weight lbs / pc. |
|------------|------------------|------------|-------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------|------------------|
| Ø 12 - 40" | 3295             | 16"        | 7-885-116         | 4.72   | 1.42   | 1.93   | 0.59   | 0.55   | 0.50   | 0.75   | 2.25   | 0.28   | 1.50   | 0.87   | M16-2.00 | 2.43             |
|            | 3295             | 20"        | 7-885-120         | 4.72   | 1.57   | 2.13   | 0.63   | 0.55   | 0.50   | 0.75   | 2.25   | 0.28   | 1.50   | 1.28   | M20-2.5  | 2.87             |
|            | 3295             | 26"        | 7-885-126         | 5.00   | 1.97   | 2.15   | 0.63   | 0.55   | 0.50   | 0.75   | 2.13   | 0.28   | 1.50   | 1.28   | M20-2.5  | 3.97             |
|            | 3597             | 12"        | 7-885-112         | 4.23   | 1.26   | 1.57   | 0.50   | 0.47   | 0.50   | 0.75   | 1.78   | 0.16   | 1.25   | 0.79   | M12-1.75 | 1.54             |
|            | 3597             | 16"        | 7-885-116         | 4.72   | 1.42   | 1.93   | 0.59   | 0.55   | 0.50   | 0.75   | 2.25   | 0.28   | 1.50   | 0.87   | M16-2.00 | 2.43             |
|            | 3597             | 20-1/3"    | 7-885-120         | 4.72   | 1.57   | 2.13   | 0.63   | 0.55   | 0.50   | 0.75   | 2.25   | 0.28   | 1.50   | 1.28   | M20-2.5  | 2.87             |
|            | 3597             | 26"        | 7-885-126S        | 5.00   | 1.97   | 2.15   | 0.63   | 0.55   | 0.50   | 0.75   | 2.25   | 0.28   | 1.50   | 1.28   | M20-2.5  | 2.87             |
|            | 3597             | 32"        | 7-885-132         | 6.30   | 1.97   | 2.15   | 0.63   | 0.55   | 0.50   | 0.75   | 2.25   | 0.28   | 1.50   | 1.28   | M20-2.5  | 5.07             |
|            | 3597             | 40"        | 7-885-140         | 9.84   | 2.76   | 2.52   | 0.87   | 0.79   | 0.50   | 0.75   | 2.25   | 0.28   | 1.50   | 1.57   | M22-2.5  | 13.45            |

## HARD MASTER JAWS HD



\* Screws are included in delivery

|            | BISON Chuck<br>Type | Code No.<br>3 pc set | A<br>[in] | B<br>[in] | C<br>[in] | D<br>[in] | E<br>[in] | F<br>[in] | G<br>[in] | H<br>[in] | J<br>[in] | K<br>[in] | L<br>[in] | M*      | Weight<br>lbs / pc. |
|------------|---------------------|----------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------|---------------------|
| Ø 16 - 32" | 3515-16" HD         | 7-885-5167           | 5.20      | 1.97      | 2.15      | 0.63      | 0.55      | 0.50      | 0.75      | 2.25      | 0.28      | 1.50      | 1.28      | M20-2.5 | 4.30                |
|            | 3515-20" HD         | 7-885-5207           | 6.65      | 1.97      | 2.15      | 0.63      | 0.55      | 0.50      | 0.75      | 2.25      | 0.28      | 1.50      | 1.28      | M20-2.5 | 5.51                |
|            | 3515-25" HD         | 7-885-5289           | 8.27      | 2.76      | 2.44      | 0.79      | 0.79      | 0.50      | 0.75      | 2.25      | 0.28      | 1.50      | 1.30      | M22-2.5 | 11.24               |
|            | 3515-32" HD         | 7-885-5329           | 8.86      | 2.76      | 2.44      | 0.79      | 0.79      | 0.50      | 0.75      | 2.25      | 0.28      | 1.50      | 1.30      | M22-2.5 | 12.13               |

**BISON IS CONSTANTLY ENGAGED IN MANUFACTURING  
OUR FAMOUS HIGH QUALITY CHUCK JAWS –  
ACCOMPLISHED FOR DECADES AND VALUED  
FOR THEIR QUALITY.**

- We offer the chuck jaws for most lathe chucks around the world
- BISON chuck jaws are made of high quality steel and aluminum
- Our offer includes jaws with both tongue and groove
- The ground serration additionally effects on the clamping stability and quality of the workpiece surface
- In addition to the standard programme, we offer our customers complete solutions dedicated to specific applications.

**OUR ULTIMATE GOAL IS TO CONTINUE TO REMAIN  
A WORLDWIDE LEADER IN PROVIDING PRECISION  
MACHINING SOLUTIONS BY OFFERING BEST  
PRICE/ QUALITY FACTOR!**



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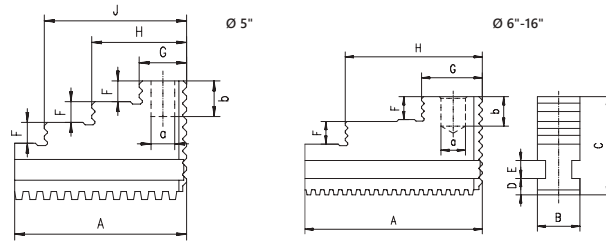
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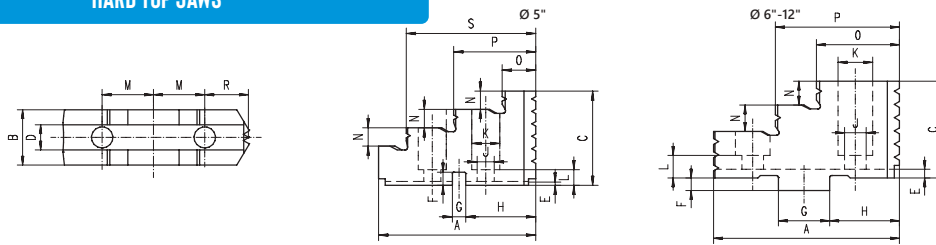
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## HARD SOLID JAWS



| BISON Chuck Type | Chuck Size | Code No.<br>3 pc set | A<br>[in] | B<br>[in] | C<br>[in] | D<br>[in] | E<br>[in] | F<br>[in] | G<br>[in] | H<br>[in] | J<br>[in] | a<br>[in] | b<br>[in] | Weight<br>lbs / pc. |
|------------------|------------|----------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------------------|
| 34**             | 5"         | 7-979-205            | 2.28      | 0.55      | 1.57      | 0.26      | 0.28      | 0.28      | 0.63      | 1.26      | 1.89      | 0.31      | 0.47      | 0.88                |
| 34**             | 6"         | 7-979-206            | 2.72      | 0.79      | 1.77      | 0.30      | 0.35      | 0.31      | 1.02      | 2.28      | -         | 0.39      | 0.47      | 2.20                |
| 34**             | 8"         | 7-979-208            | 3.54      | 0.87      | 1.97      | 0.31      | 0.35      | 0.45      | 1.30      | 2.85      | -         | 0.47      | 0.59      | 3.31                |
| 34**             | 10"        | 7-979-210            | 4.27      | 1.02      | 2.36      | 0.39      | 0.43      | 0.55      | 1.42      | 3.27      | -         | 0.59      | 0.79      | 5.73                |
| 34**             | 12"        | 7-979-212            | 5.20      | 1.26      | 2.76      | 0.47      | 0.55      | 0.67      | 1.63      | 4.11      | -         | 0.79      | 0.79      | 9.70                |

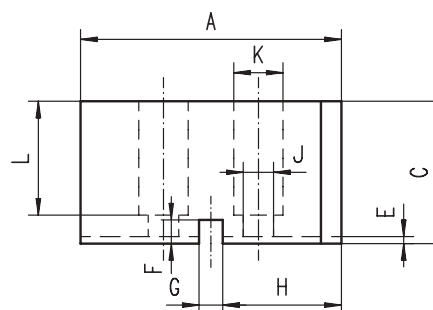
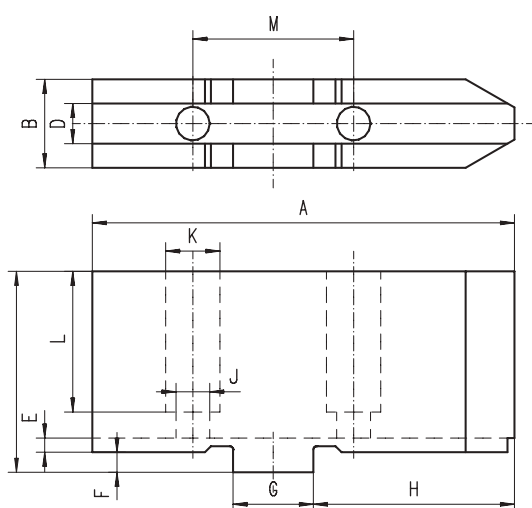
## HARD TOP JAWS



| BISON Chuck Type | Chuck Size | Code No.<br>3 pc set | A<br>[in] | B<br>[in] | C<br>[in] | D<br>[in] | E<br>[in] | F<br>[in] | G<br>[in] | H<br>[in] | J<br>[in] | K<br>[in] | L<br>[in] | M<br>[in] | N<br>[in] | O<br>[in] | P<br>[in] | R<br>[in] | S<br>[in] | Weight<br>lbs / pc. |
|------------------|------------|----------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------------------|
| 34**             | 5"         | 7-979-305            | 2.32      | 0.79      | 1.42      | 0.55      | 0.06      | 0.20      | 0.20      | 1.02      | 0.25      | 0.41      | 0.24      | 0.39      | 0.28      | 0.63      | 1.22      | 0.73      | 1.85      | 0.44                |
| 34**             | 6"         | 7-979-306            | 2.48      | 0.79      | 1.28      | 0.31      | 0.12      | 0.18      | 0.71      | 0.91      | 0.33      | 0.53      | 0.35      | 0.63      | 0.30      | 1.02      | 1.54      | 0.63      | -         | 0.44                |
| 34**             | 8"         | 7-979-308            | 2.83      | 0.87      | 1.52      | 0.39      | 0.14      | 0.20      | 0.79      | 1.06      | 0.33      | 0.53      | 0.35      | 0.79      | 0.37      | 1.26      | 1.89      | 0.67      | -         | 0.66                |
| 34**             | 10"        | 7-979-310            | 3.54      | 1.18      | 1.97      | 0.47      | 0.14      | 0.20      | 0.79      | 1.18      | 0.51      | 0.75      | 0.28      | 0.79      | 0.55      | 1.59      | 3.19      | 0.79      | -         | 1.54                |
| 34**             | 12"        | 7-979-312            | 4.13      | 1.38      | 2.11      | 0.47      | 0.14      | 0.26      | 1.02      | 1.39      | 0.51      | 0.75      | 0.61      | 1.06      | 0.59      | 1.57      | 3.74      | 0.84      | -         | 2.43                |



SOFT TOP JAWS



| BISON Chuck Type | Chuck Size | Code No.<br>3 pc set | A<br>[in] | B<br>[in] | C<br>[in] | D<br>[in] | E<br>[in] | F<br>[in] | G<br>[in] | H<br>[in] | J<br>[in] | K<br>[in] | L<br>[in] | M<br>[in] | Weight<br>lbs / pc. |
|------------------|------------|----------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------------------|
| 34**             | 5"         | 7-979-405            | 2.17      | 0.79      | 1.18      | 0.55      | 0.06      | 0.20      | 0.20      | 0.98      | 0.25      | 0.41      | 0.94      | 0.79      | 0.44                |
| 34**             | 6"         | 7-979-406            | 3.35      | 0.79      | 1.57      | 0.31      | 0.12      | 0.18      | 0.71      | 1.65      | 0.33      | 0.53      | 1.04      | 1.26      | 0.88                |
| 34**             | 8"         | 7-979-408            | 4.13      | 0.87      | 1.97      | 0.39      | 0.14      | 0.20      | 0.79      | 1.97      | 0.33      | 0.53      | 1.38      | 1.57      | 1.54                |
| 34**             | 10"        | 7-979-410            | 4.92      | 1.18      | 2.17      | 0.47      | 0.14      | 0.20      | 0.79      | 2.76      | 0.51      | 0.75      | 1.61      | 1.57      | 2.65                |
| 34**             | 12"        | 7-979-412            | 5.71      | 1.38      | 2.36      | 0.47      | 0.14      | 0.24      | 1.02      | 2.91      | 0.51      | 0.75      | 1.50      | 2.13      | 3.97                |

Ø 5 - 12"

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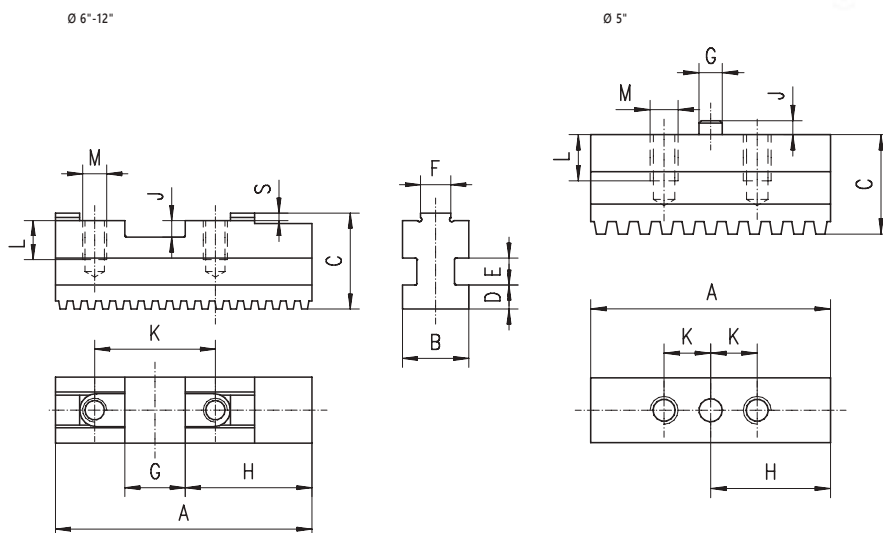
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## HARD MASTER JAWS



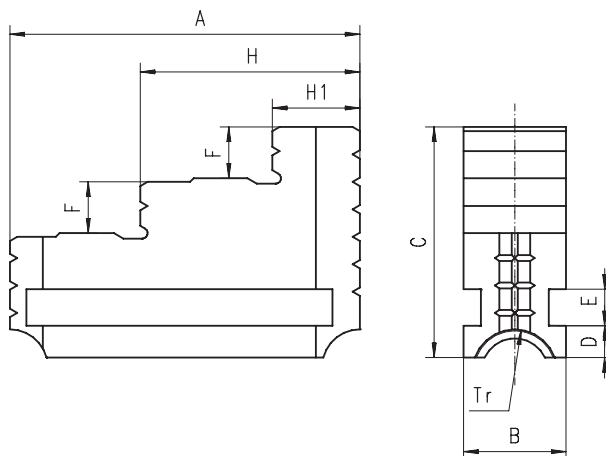
\* Screws are included in delivery

| BISON Chuck Type | Chuck Size | Code No.<br>3 pc set | A<br>[in] | B<br>[in] | C<br>[in] | D<br>[in] | E<br>[in] | F<br>[in] | G<br>[in] | H<br>[in] | J<br>[in] | K<br>[in] | L<br>[in] | M*<br>[in] | S<br>[in] | Weight<br>lbs / pc. |
|------------------|------------|----------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|-----------|---------------------|
| 34**             | 5"         | 7-979-505            | 2.03      | 0.55      | 0.85      | 0.26      | 0.28      | -         | 0.20      | 1.01      | 0.12      | 0.39      | 0.39      | M6         | -         | 0.22                |
| 34**             | 6"         | 7-979-506            | 2.56      | 0.79      | 1.18      | 0.30      | 0.35      | 0.31      | 0.71      | 1.10      | 0.20      | 1.26      | 0.51      | M8         | 0.10      | 0.44                |
| 34**             | 8"         | 7-979-508            | 3.35      | 0.87      | 1.26      | 0.31      | 0.35      | 0.39      | 0.79      | 1.65      | 0.22      | 1.57      | 0.51      | M8         | 0.10      | 0.66                |
| 34**             | 10"        | 7-979-510            | 3.44      | 1.02      | 1.57      | 0.39      | 0.43      | 0.47      | 0.79      | 1.63      | 0.22      | 1.57      | 0.59      | M12        | 0.12      | 1.10                |
| 34**             | 12"        | 7-979-512            | 4.92      | 1.26      | 1.81      | 0.47      | 0.55      | 0.47      | 1.02      | 2.72      | 0.28      | 2.13      | 0.67      | M12        | 0.12      | 2.20                |

Ø 5"-12"



### HARD SOLID JAWS REVERSIBLE CLAMPING



| BISON Chuck Type | Chuck Size | Code No.   | Qty in set | A [in] | B [in] | C [in] | D [in] | E [in] | F [in] | LH Thread [mm] | H <sub>1</sub> [in] | H [in] | Weight lbs / pc. |
|------------------|------------|------------|------------|--------|--------|--------|--------|--------|--------|----------------|---------------------|--------|------------------|
| 45*5; 47*5       | 8"         | 7-891-3108 | 3          | 3.35   | 0.98   | 2.28   | 0.43   | 0.39   | 0.47   | Tr 18 x 2      | 0.98                | 2.20   | 1.32             |
| 46*5; 48*5       | 8"         | 7-891-108  | 4          |        |        |        |        |        |        |                |                     |        |                  |
| 45*5; 47*5       | 10"        | 7-891-3110 | 3          | 3.58   | 1.10   | 2.40   | 0.39   | 0.39   | 0.55   | Tr 18 x 2      | 1.04                | 2.36   | 1.76             |
| 46*5; 48*5       | 10"        | 7-891-110  | 4          |        |        |        |        |        |        |                |                     |        |                  |
| 45*5; 47*5       | 12"        | 7-891-3112 | 3          | 4.92   | 1.26   | 2.87   | 0.53   | 0.47   | 0.71   | Tr 24 x 3      | 1.06                | 2.99   | 3.53             |
| 46*5; 48*5       | 12"        | 7-891-112  | 4          |        |        |        |        |        |        |                |                     |        |                  |
| 45*5; 47*5       | 16"        | 7-891-3116 | 3          | 5.71   | 1.42   | 3.54   | 0.47   | 0.55   | 0.87   | Tr 24 x 3      | 1.38                | 3.87   | 3.97             |
| 46*5; 48*5       | 16"        | 7-891-116  | 4          |        |        |        |        |        |        |                |                     |        |                  |
| 45*5; 47*5       | 20"        | 7-891-3120 | 3          | 7.09   | 1.57   | 3.94   | 0.59   | 0.55   | 1.02   | Tr 26 x 3      | 1.96                | 4.70   | 8.60             |
| 46*5; 48*5       | 20"        | 7-891-120  | 4          |        |        |        |        |        |        |                |                     |        |                  |
| 45*5; 47*5       | 25"        | 7-891-3125 | 3          | 8.86   | 1.97   | 4.25   | 0.55   | 0.55   | 1.10   | Tr 26 x 3      | 2.56                | 5.83   | 9.92             |
| 46*5; 48*5       | 25"        | 7-891-125  | 4          |        |        |        |        |        |        |                |                     |        |                  |
| 45*5; 47*5       | 32"        | 7-891-3132 | 3          | 9.06   | 2.05   | 4.29   | 0.51   | 0.59   | 1.10   | Tr 36 x 6      | 2.36                | 5.71   | 13.23            |
| 46*5; 48*5       | 32"        | 7-891-132  | 4          |        |        |        |        |        |        |                |                     |        |                  |

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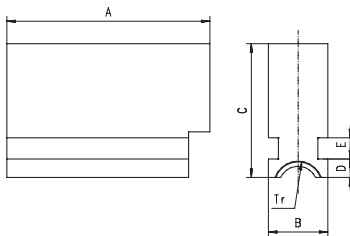
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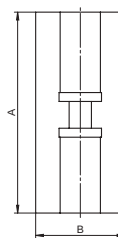
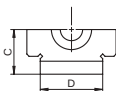
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## SOFT SOLID JAWS



| BISON Chuck Type | Chuck Size | Code No. | Qty in set | A [in] | B [in] | C [in] | D [in] | E [in] | G [in] | LH Thread [mm] | H <sub>1</sub> [in] | H [in] | Weight lbs / pc. |
|------------------|------------|----------|------------|--------|--------|--------|--------|--------|--------|----------------|---------------------|--------|------------------|
| Ø 8 - 25"        | 45*5; 47*5 | 8"       | 7-891-3308 | 3      | 3.35   | 0.98   | 2.28   | 0.43   | 0.39   | 0.47           | Tr 18 x 2           | 0.98   | 1.32             |
|                  | 46*5; 48*5 | 8"       | 7-891-308  | 4      |        |        |        |        |        |                |                     |        |                  |
|                  | 45*5; 47*5 | 10"      | 7-891-3310 | 3      | 3.58   | 1.10   | 2.40   | 0.39   | 0.39   | 0.55           | Tr 18 x 2           | 1.04   | 1.76             |
|                  | 46*5; 48*5 | 10"      | 7-891-310  | 4      |        |        |        |        |        |                |                     |        |                  |
|                  | 45*5; 47*5 | 12"      | 7-891-3312 | 3      | 4.92   | 1.26   | 2.87   | 0.53   | 0.47   | 0.71           | Tr 24 x 3           | 1.06   | 3.53             |
|                  | 46*5; 48*5 | 12"      | 7-891-312  | 4      |        |        |        |        |        |                |                     |        |                  |
|                  | 45*5; 47*5 | 16"      | 7-891-3316 | 3      | 5.71   | 1.42   | 3.54   | 0.47   | 0.55   | 0.87           | Tr 24 x 3           | 1.38   | 3.97             |
|                  | 46*5; 48*5 | 16"      | 7-891-316  | 4      |        |        |        |        |        |                |                     |        |                  |
|                  | 45*5; 47*5 | 20"      | 7-891-3320 | 3      | 7.09   | 1.57   | 3.94   | 0.59   | 0.55   | 1.02           | Tr 26 x 3           | 1.96   | 8.60             |
|                  | 46*5; 48*5 | 20"      | 7-891-320  | 4      |        |        |        |        |        |                |                     |        |                  |
|                  | 45*5; 47*5 | 25"      | 7-891-3325 | 3      | 8.86   | 1.97   | 4.25   | 0.55   | 0.55   | 1.10           | Tr 26 x 3           | 2.56   | 18.75            |
|                  | 46*5; 48*5 | 25"      | 7-891-325  | 4      |        |        |        |        |        |                |                     |        |                  |

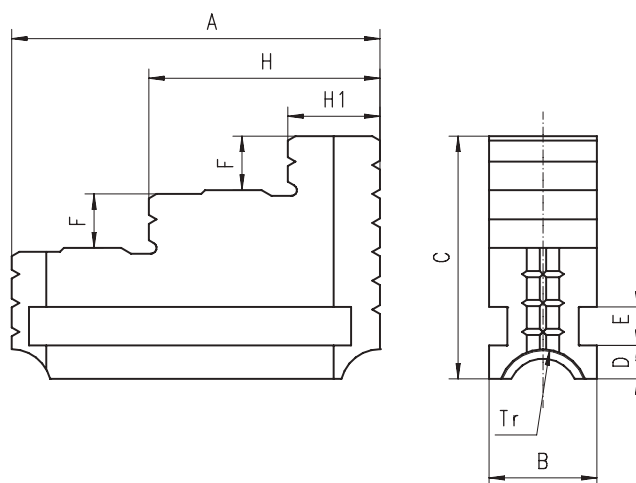
## HARD MASTER JAWS



| BISON Chuck Type | Chuck Size | Code No. | Qty in set | A [in] | B [in] | C [in] | D [in] | Weight lbs / pc. |
|------------------|------------|----------|------------|--------|--------|--------|--------|------------------|
| Ø 8 - 32"        | 45*5; 47*5 | 8"       | 7-891-3208 | 3      | 3.11   | 1.42   | 0.71   | 0.66             |
|                  | 46*5; 48*5 | 8"       | 7-891-208  | 4      |        |        |        |                  |
|                  | 45*5; 47*5 | 10"      | 7-891-3210 | 3      | 3.54   | 1.57   | 0.79   | 0.88             |
|                  | 46*5; 48*5 | 10"      | 7-891-210  | 4      |        |        |        |                  |
|                  | 45*5; 47*5 | 12"      | 7-891-3212 | 3      | 4.17   | 1.69   | 0.87   | 1.10             |
|                  | 46*5; 48*5 | 12"      | 7-891-212  | 4      |        |        |        |                  |
|                  | 45*5; 47*5 | 16"      | 7-891-3216 | 3      | 5.08   | 1.93   | 0.91   | 1.54             |
|                  | 46*5; 48*5 | 16"      | 7-891-216  | 4      |        |        |        |                  |
|                  | 45*5; 47*5 | 20"      | 7-891-3220 | 3      | 6.02   | 2.17   | 0.98   | 2.20             |
|                  | 46*5; 48*5 | 20"      | 7-891-220  | 4      |        |        |        |                  |
|                  | 45*5; 47*5 | 25"      | 7-891-3225 | 3      | 7.32   | 2.52   | 1.02   | 3.53             |
|                  | 46*5; 48*5 | 25"      | 7-891-225  | 4      |        |        |        |                  |
|                  | 45*5; 47*5 | 32"      | 7-891-3232 | 3      | 7.32   | 2.60   | 1.14   | 3.09             |
|                  | 46*5; 48*5 | 32"      | 7-891-232  | 4      |        |        |        |                  |



### HARD SOLID JAWS REVERSIBLE CLAMPING



| BISON Chuck Type | Chuck Size | Code No.<br>4 pc set | Code No.<br>1 pc | A<br>[in] | B<br>[in] | C<br>[in] | D<br>[in] | E<br>[in] | F<br>[in] | H <sub>1</sub><br>[in] | H<br>[in] | LH Thread<br>[mm] | Weight<br>lbs / pc. |
|------------------|------------|----------------------|------------------|-----------|-----------|-----------|-----------|-----------|-----------|------------------------|-----------|-------------------|---------------------|
| 43**             | 3-1/2"     | 7-890-103            | 7-890-1030       | 1.34      | 0.51      | 1.18      | 0.18      | 0.20      | 0.28      | 0.31                   | 0.69      | Tr 16x2           | 0.22                |
| 43**             | 4"         | 7-890-104            | 7-890-1040       | 1.34      | 0.51      | 1.18      | 0.18      | 0.20      | 0.28      | 0.31                   | 0.69      | Tr 16x2           | 0.22                |
| 43**             | 5"         | 7-890-106            | 7-890-1060       | 2.01      | 0.63      | 1.36      | 0.24      | 0.20      | 0.31      | 0.49                   | 1.24      | Tr 18x4           | 0.22                |
| 43**             | 6"         | 7-890-106            | 7-890-1060       | 2.01      | 0.63      | 1.36      | 0.24      | 0.20      | 0.31      | 0.49                   | 1.24      | Tr 18x4           | 0.22                |
| 43**             | 8"         | 7-890-108            | 7-890-1080       | 3.19      | 1.26      | 2.48      | 0.34      | 0.39      | 0.55      | 0.69                   | 1.91      | Tr 28x5           | 1.54                |
| 43**             | 10"        | 7-890-110            | 7-890-1100       | 3.80      | 1.26      | 2.48      | 0.34      | 0.39      | 0.55      | 0.91                   | 2.32      | Tr 28x5           | 2.87                |
| 43**             | 12"        | 7-890-112            | 7-890-1120       | 4.37      | 1.57      | 3.01      | 0.38      | 0.47      | 0.71      | 1.06                   | 2.64      | Tr 32x6           | 3.31                |
| 43**             | 16"        | 7-890-116            | 7-890-1160       | 5.08      | 1.57      | 3.01      | 0.38      | 0.47      | 0.71      | 1.28                   | 3.09      | Tr 32x6           | 3.97                |
| 43**             | 20"        | 7-890-120            | 7-890-1200       | 6.00      | 2.05      | 3.68      | 0.46      | 0.59      | 0.87      | 1.38                   | 3.66      | Tr 36x6           | 7.50                |
| 43**             | 25"        | 7-890-125            | 7-890-1250       | 6.97      | 2.05      | 3.68      | 0.46      | 0.59      | 0.98      | 1.77                   | 4.29      | Tr 40x6           | 8.82                |
| 43**             | 32"        | 7-890-132            | 7-890-1320       | 7.95      | 2.76      | 4.51      | 0.62      | 0.79      | 0.98      | 1.73                   | 4.80      | Tr 44x8           | 17.20               |

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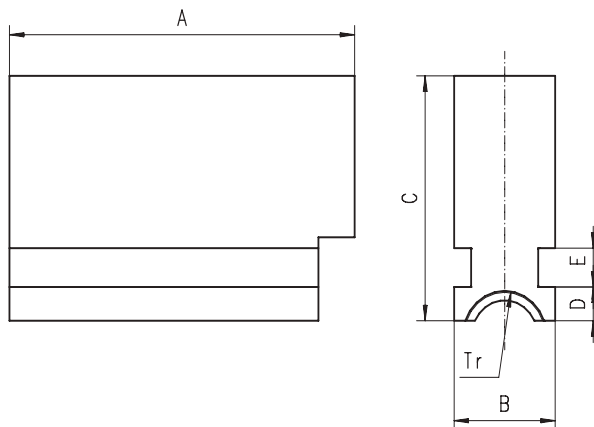
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## SOFT SOLID JAWS

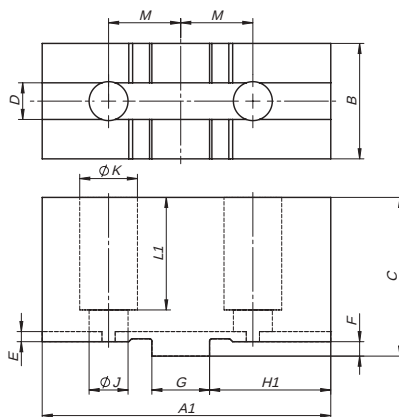


| BISON Chuck Type | Chuck Size | Code No.<br>4 pc set | A<br>[in] | B<br>[in] | C<br>[in] | D<br>[in] | E<br>[in] | F<br>[in] | H <sub>1</sub><br>[in] | H<br>[in] | LH Thread<br>[mm] | Weight<br>lbs / pc. |
|------------------|------------|----------------------|-----------|-----------|-----------|-----------|-----------|-----------|------------------------|-----------|-------------------|---------------------|
| 43**             | 8"         | 7-892-408            | 3.19      | 1.26      | 2.48      | 0.34      | 0.39      | 0.55      | 0.69                   | 1.91      | Tr 28x5           | 1.54                |
| 43**             | 10"        | 7-892-410            | 3.80      | 1.26      | 2.48      | 0.34      | 0.39      | 0.55      | 0.91                   | 2.32      | Tr 28x5           | 2.87                |
| 43**             | 12"        | 7-892-412            | 4.37      | 1.57      | 3.01      | 0.38      | 0.47      | 0.71      | 1.06                   | 2.64      | Tr 32x6           | 3.31                |
| 43**             | 16"        | 7-892-416            | 5.08      | 1.57      | 3.01      | 0.38      | 0.47      | 0.71      | 1.28                   | 3.09      | Tr 32x6           | 3.97                |
| 43**             | 20"        | 7-892-420            | 6.00      | 2.05      | 3.68      | 0.46      | 0.59      | 0.87      | 1.38                   | 3.66      | Tr 36x6           | 7.50                |
| 43**             | 25"        | 7-892-425            | 6.97      | 2.05      | 3.68      | 0.46      | 0.59      | 0.98      | 1.77                   | 4.29      | Tr 40x6           | 8.82                |
| 43**             | 32"        | 7-892-432            | 7.95      | 2.76      | 4.51      | 0.62      | 0.79      | 0.98      | 1.73                   | 4.80      | Tr 44x8           | 17.20               |

8 - 32"



### SOFT TOP JAWS



| BISON Chuck Type | Chuck Size | Code No.  | Qty in Set | A [in] | B [in] | C [in] | D [in] | E [in] | F [in] | G [in] | H [in] | J [in] | K [in] | L1 [in] | M [in] | Weight lbs / pc. <sup>1)</sup> |
|------------------|------------|-----------|------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|--------------------------------|
| 43**             | 8"         | 7-884-308 | 1          | 3.54   | 1.06   | 1.71   | 0.31   | 0.16   | 0.13   | 0.50   | 1.57   | 0.43   | 0.71   | 1.22    | 0.88   | 1.54                           |
| 43**             | 10"        | 7-884-310 | 1          | 4.17   | 1.28   | 2.03   | 0.50   | 0.16   | 0.13   | 0.75   | 1.77   | 0.55   | 0.79   | 1.50    | 1.06   | 2.65                           |
| 43**             | 12"        | 7-884-312 | 1          | 4.72   | 1.46   | 2.17   | 0.50   | 0.16   | 0.13   | 0.75   | 2.09   | 0.55   | 0.79   | 1.57    | 1.25   | 3.53                           |
| 43**             | 16"        | 7-884-316 | 1          | 5.51   | 1.65   | 2.54   | 0.50   | 0.16   | 0.25   | 0.75   | 2.48   | 0.71   | 1.02   | 1.79    | 1.50   | 4.85                           |
| 43**             | 20"        | 7-884-320 | 1          | 5.51   | 1.65   | 2.93   | 0.50   | 0.16   | 0.25   | 0.75   | 2.48   | 0.87   | 1.30   | 2.20    | 1.50   | 5.29                           |
| 43**             | 25"        | 7-884-325 | 1          | 5.51   | 2.13   | 3.23   | 0.50   | 0.16   | 0.25   | 0.75   | 2.28   | 0.87   | 1.30   | 2.52    | 1.50   | 7.94                           |
| 43**             | 32"        | 7-884-331 | 4          | 5.51   | 2.83   | 3.46   | 0.50   | 0.16   | 0.25   | 0.75   | 2.28   | 0.87   | 1.30   | 2.76    | 1.50   | 12.13                          |
| 43**             | 36"        | 7-884-332 | 4          | 6.30   | 2.83   | 3.82   | 0.50   | 0.16   | 0.25   | 0.75   | 2.28   | 0.87   | 1.30   | 2.83    | 1.50   | 15.87                          |
| 43**             | 40"        | 7-884-332 | 4          | 6.30   | 2.83   | 3.82   | 0.50   | 0.16   | 0.25   | 0.75   | 2.28   | 0.87   | 1.30   | 2.83    | 1.50   | 15.87                          |
| 43**             | 49"        | 7-884-332 | 4          | 6.30   | 2.83   | 3.82   | 0.50   | 0.16   | 0.25   | 0.75   | 2.28   | 0.87   | 1.30   | 2.83    | 1.50   | 15.87                          |

Ø 8 - 49"



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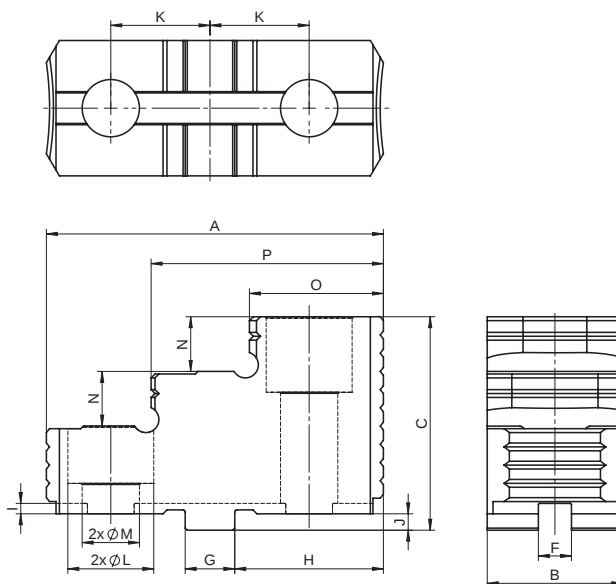
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## HARD TOP JAWS HD

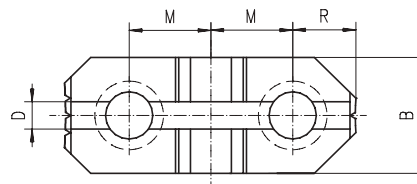


| BISON Chuck Type                                                                                                                                                                                                                                                                                                                                                                | Code No.<br>4 pc set | Code No.<br>1 pc | A<br>[in] | B<br>[in] | C<br>[in] | F<br>[in] | G<br>[in] | H<br>[in] | I<br>[in] | J<br>[in] | K<br>[in] | M<br>[in] | L<br>[in] | N<br>[in] | O<br>[in] | P<br>[in] | Weight<br>lbs / pc. |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------------------|
| 4317-16"-8A2-5.3" HD<br>4317-16"-11A2 DIN-6.5" HD<br>4317-20"-11A2 DIN-6.5" HD<br>4317-20"-15A2 DIN-10" HD<br>4317-20"-15A2 DIN-8" HD<br>4347-16"-8-5.3" HD<br>4347-16"-11-6.5" HD<br>4347-20"-8-5.3" HD<br>4347-20"-11-6.5" HD                                                                                                                                                 | 7-890-2222           | 7-890-2223       | 5.31      | 2.44      | 3.23      | 0.50      | 0.75      | 2.25      | 0.16      | 0.25      | 1.50      | 0.87      | 1.30      | 0.83      | 2.20      | 3.49      | 6.04                |
| 4317-25"-15A2 DIN-10.5" HD<br>4317-25"-20A2-10.5" HD<br>4317-25"-20A2-12.5" HD<br>4347-28"-11-7.5" HD<br>4317-28"-15A2 DIN-10.5" HD<br>4317-28"-20A2-12.5" HD<br>4317-32"-15A2 DIN-10.5" HD<br>4317-32"-20A2-12.5" HD<br>4317-32"-20A2-14.5" HD<br>4317-32"-20A2-10.5" HD<br>4317-40"-28A2-20.5" HD<br>4307-40"-20.5"-8" HD<br>4307-49"-20.5"-8" HD<br>4317-49"-15A2 DIN-11" HD | 7-890-2322           | 7-890-2323       | 5.31      | 2.95      | 3.82      | 0.50      | 0.75      | 2.25      | 0.16      | 0.25      | 1.50      | 0.94      | 1.38      | 1.10      | 2.26      | 3.54      | 8.82                |

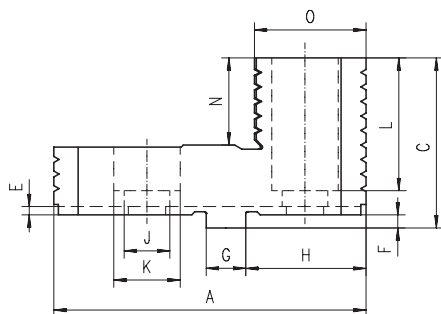
Ø 16 - 49"



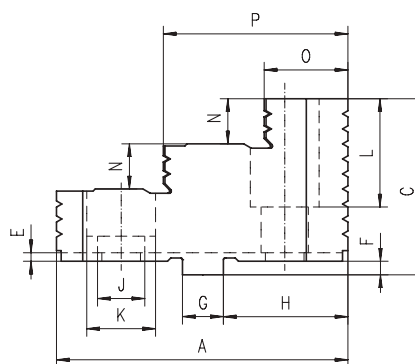
### HARD TOP JAWS



Ø 36"-49"



Ø 10"-32"



| BISON Chuck Type | Chuck Size | Code No. 1 pc | Code No. 4 pc set | A [in] | B [in] | C [in] | D [in] | E [in] | F [in] | G [in] | H [in] | J [in] | K [in] | L [in] | M [in] | N [in] | O [in] | P [in] | R [in] | Weight lbs / pc. |
|------------------|------------|---------------|-------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|------------------|
| 43**             | 8"         | 7-890-208     | 7-890-207         | 3.23   | 1.34   | 1.71   | 0.31   | 0.16   | 0.13   | 0.50   | 1.39   | 0.43   | 0.71   | 0.85   | 0.88   | 0.37   | 0.87   | 2.09   | 0.76   | 1.10             |
| 43**             | 10"        | 7-890-210     | 7-890-209         | 3.80   | 1.34   | 2.03   | 0.50   | 0.16   | 0.13   | 0.75   | 1.57   | 0.55   | 0.79   | 1.04   | 1.06   | 0.47   | 0.98   | 2.44   | 0.89   | 1.54             |
| 43**             | 12"        | 7-890-212     | 7-890-211         | 4.43   | 1.65   | 2.17   | 0.50   | 0.16   | 0.13   | 0.75   | 1.89   | 0.55   | 0.79   | 1.08   | 1.25   | 0.51   | 1.06   | 2.78   | 1.01   | 2.87             |
| 43**             | 16"        | 7-890-216     | 7-890-215         | 5.08   | 1.65   | 2.54   | 0.50   | 0.16   | 0.25   | 0.75   | 2.26   | 0.71   | 1.02   | 1.26   | 1.50   | 0.53   | 1.04   | 3.11   | 1.13   | 4.63             |
| 43**             | 20"; 25"   | 7-890-220     | 7-890-219         | 5.35   | 2.13   | 3.23   | 0.50   | 0.16   | 0.25   | 0.75   | 2.28   | 0.87   | 1.30   | 1.69   | 1.50   | 0.83   | 1.48   | 3.43   | 1.16   | 6.61             |
| 43**             | 32"        | 7-890-232H    | 7-890-232E        | 5.35   | 2.83   | 3.46   | 0.50   | 0.16   | 0.25   | 0.75   | 2.28   | 0.87   | 1.30   | 1.81   | 1.50   | 0.94   | 1.57   | 3.50   | 1.16   | 9.26             |
| 43**             | 36"        | 7-890-249H    | 7-890-249         | 6.30   | 2.83   | 3.82   | 0.50   | 0.16   | 0.25   | 0.75   | 2.28   | 0.87   | 1.30   | 2.80   | 1.50   | 1.97   | 2.36   | -      | 1.16   | 9.26             |
| 43**             | 40"        | 7-890-249H    | 7-890-249         | 6.30   | 2.83   | 3.82   | 0.50   | 0.16   | 0.25   | 0.75   | 2.28   | 0.87   | 1.30   | 2.80   | 1.50   | 1.97   | 2.36   | -      | 1.16   | 9.26             |
| 43**             | 49"        | 7-890-249H    | 7-890-249         | 6.30   | 2.83   | 3.82   | 0.50   | 0.16   | 0.25   | 0.75   | 2.28   | 0.87   | 1.30   | 2.80   | 1.50   | 1.97   | 2.36   | -      | 1.16   | 9.26             |

1

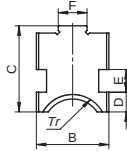
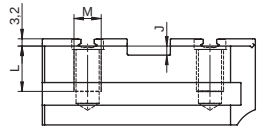
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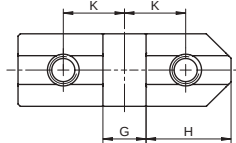
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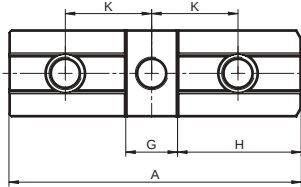
## HARD MASTER JAWS HD



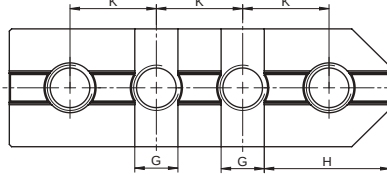
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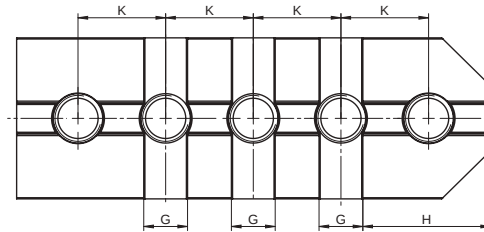
Ø 16" (W-3266/0)



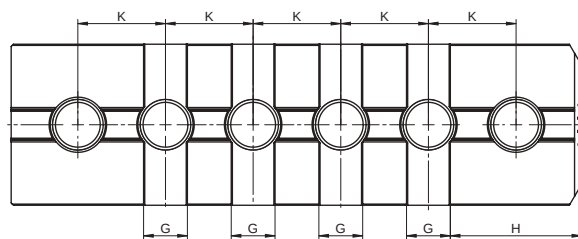
Ø 20"



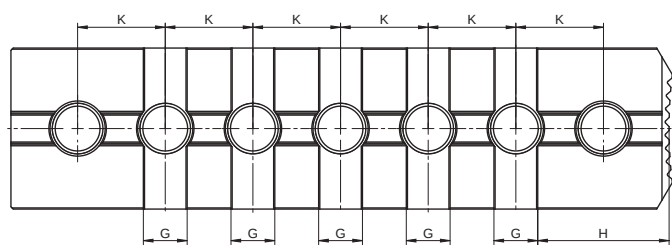
Ø 25", 28", 630, 32", 40"



Ø 1000



Ø 49"



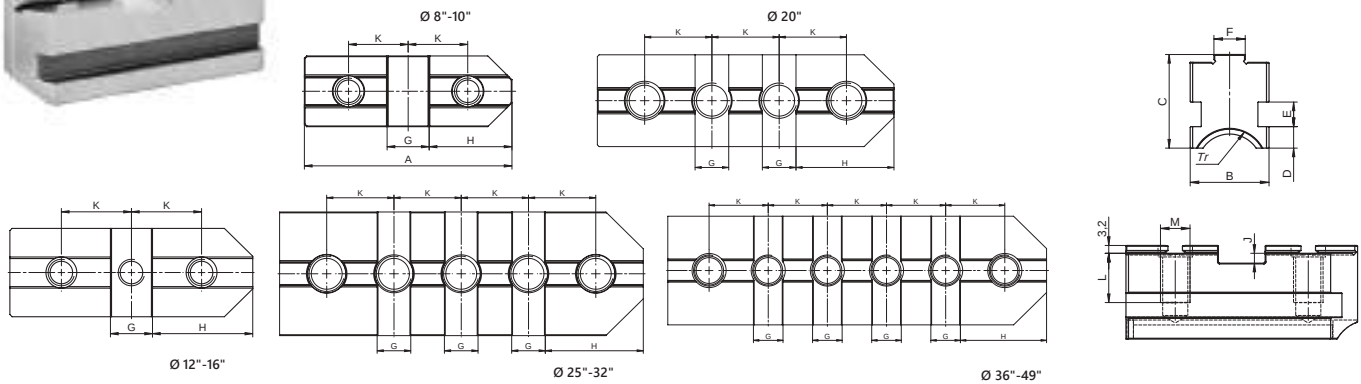
\* Screws are included in delivery

| BISON Chuck Type                                                                                                                                                                                                                                                          | Code No.<br>4 pc set | Code No.<br>1 pc | A<br>[in] | B<br>[in] | C<br>[in] | D<br>[in] | E<br>[in] | F<br>[in] | G<br>[in] | H<br>[in] | J<br>[in] | K<br>[in] | L<br>[in] | M*      | LH<br>Thread<br>[mm] | Weight<br>lbs / pc. |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------|----------------------|---------------------|
| 4317-16"-8A2-5.3" HD<br>4347-16"-8-5.3" HD<br>4347-16"-11-6.5" HD<br>4317-16"-11A2 DIN-6.5" HD<br>4317-20"-15A2 DIN-10" HD                                                                                                                                                | 7-890-1624           | 7-890-1625       | 5.20      | 2.36      | 2.28      | 0.62      | 0.79      | 0.50      | 0.75      | 2.25      | 0.28      | 1.50      | 1.32      | M20-2.5 | Tr 44x8              | 5.51                |
| 4347-20"-8-5.3" HD<br>4347-20"-11-6.5" HD<br>4317-20"-11A2 DIN-6.5" HD<br>4317-20"-15A2 DIN-8" HD                                                                                                                                                                         | 7-890-2024           | 7-890-2025       | 6.69      | 2.36      | 2.28      | 0.62      | 0.79      | 0.50      | 0.75      | 2.25      | 0.28      | 1.50      | 1.32      | M20-2.5 | Tr 44x8              | 7.05                |
| 4317-25"-15A2 DIN-10.5" HD<br>4317-25"-20A2-10.5" HD<br>4317-25"-20A2-12.5" HD<br>4317-28"-20A2-12.5" HD<br>4347-28"-11-7.5" HD<br>4317-28"-15A2 DIN-10.5" HD<br>4317-32"-15A2 DIN-10.5" HD<br>4317-32"-20A2-12.5" HD<br>4317-32"-20A2-14.5" HD<br>4317-40"-28A2-20.5" HD | 7-890-3324           | 7-890-3325       | 8.19      | 2.76      | 2.40      | 0.62      | 0.79      | 0.50      | 0.75      | 2.25      | 0.28      | 1.50      | 1.32      | M22-2.5 | Tr 50x8              | 10.25               |

Ø 16" - 49"



### HARD MASTER JAWS

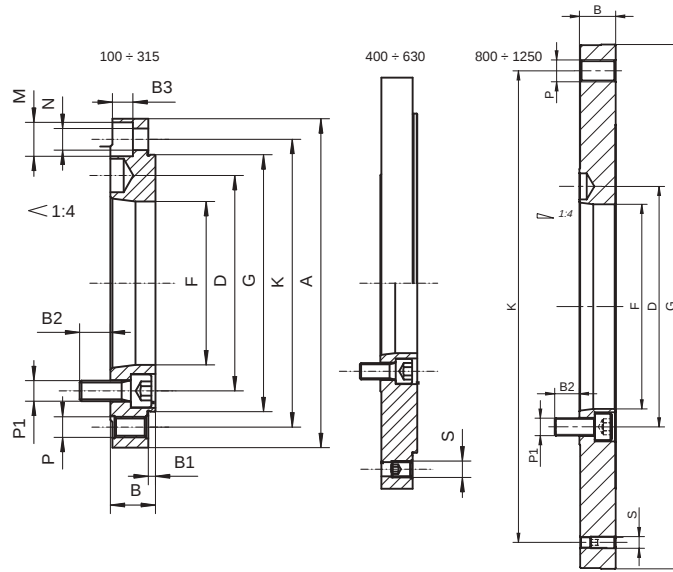


\* Screws are included in delivery

| BISON Chuck Type | Chuck Size | Code No.<br>1 pc | Code No.<br>4 pc set | A<br>[in] | B<br>[in] | C<br>[in] | D<br>[in] | E<br>[in] | F<br>[in] | G<br>[in] | H<br>[in] | J<br>[in] | K<br>[in] | L<br>[in] | M*       | LH Thread<br>[mm] | Weight<br>lbs / pc. |
|------------------|------------|------------------|----------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|-------------------|---------------------|
| 43**             | 8"         | 7-890-308        | 7-890-307            | 3.11      | 1.26      | 1.26      | 0.34      | 0.39      | 0.31      | 0.50      | 1.31      | 0.16      | 0.88      | 0.55      | M10-1.5  | Tr 28x5           | 0.66                |
| 43**             | 10"        | 7-890-310        | 7-890-309            | 3.70      | 1.26      | 1.50      | 0.34      | 0.39      | 0.50      | 0.75      | 1.48      | 0.16      | 1.06      | 0.79      | M12-1.75 | Tr 28x5           | 1.32                |
| 43**             | 12"        | 7-890-312        | 7-890-311            | 4.33      | 1.57      | 1.54      | 0.38      | 0.47      | 0.50      | 0.75      | 1.79      | 0.16      | 1.25      | 0.69      | M12-1.75 | Tr 32x6           | 1.98                |
| 43**             | 16"        | 7-890-316        | 7-890-315            | 5.08      | 1.57      | 1.73      | 0.38      | 0.47      | 0.50      | 0.75      | 2.16      | 0.28      | 1.50      | 0.87      | M16-2.00 | Tr 32x6           | 1.98                |
| 43**             | 20"        | 7-890-320        | 7-890-319            | 6.61      | 2.05      | 2.32      | 0.46      | 0.59      | 0.50      | 0.75      | 2.19      | 0.28      | 1.50      | 1.38      | M20-2.5  | Tr 36x6           | 5.29                |
| 43**             | 25"        | 7-890-325        | 7-890-324            | 8.11      | 2.05      | 2.32      | 0.46      | 0.59      | 0.50      | 0.75      | 2.19      | 0.28      | 1.50      | 1.38      | M20-2.5  | Tr 40x6           | 5.95                |
| 43**             | 32"        | 7-890-332        | 7-890-331            | 8.11      | 2.76      | 2.32      | 0.62      | 0.79      | 0.50      | 0.75      | 2.19      | 0.28      | 1.50      | 1.32      | M20-2.5  | Tr 44x8           | 8.38                |
| 43**             | 36"        | 7-890-336        | 7-890-335            | 9.61      | 2.76      | 2.32      | 0.62      | 0.79      | 0.50      | 0.75      | 2.19      | 0.28      | 1.50      | 1.38      | M20-2.5  | Tr 44x6           | 11.90               |
| 43**             | 40"        | 7-890-336        | 7-890-335            | 9.61      | 2.76      | 2.32      | 0.62      | 0.79      | 0.50      | 0.75      | 2.19      | 0.28      | 1.50      | 1.38      | M20-2.5  | Tr 44x6           | 11.90               |
| 43**             | 49"        | 7-890-336        | 7-890-335            | 9.61      | 2.76      | 2.32      | 0.62      | 0.79      | 0.50      | 0.75      | 2.19      | 0.28      | 1.50      | 1.38      | M20-2.5  | Tr 44x6           | 11.90               |

## FULLY-FINISHED ADAPTER PLATES

8210-X  
TYPE A



W - Chuck diameter

| Code No.    | W*  | Taper Size | A [in] | B [in] | B1 [in] | B2 [in] | B3 [in] | D [in] | F [in] | G h6 [in] | K [in] | M [in] | N [in] | P      | P1    | S     | Weight [lbs] |
|-------------|-----|------------|--------|--------|---------|---------|---------|--------|--------|-----------|--------|--------|--------|--------|-------|-------|--------------|
| 7-873-043F  | 4"  | 3          | 3.94   | 0.87   | 0.10    | 0.55    | -       | 2.78   | 2.02   | 2.76      | 3.27   | -      | -      | 3xM8   | 3xM10 | -     | 0.8          |
| 7-873-053F  | 5"  | 3          | 4.92   | 0.87   | 0.14    | 0.55    | 0.39    | 2.78   | 2.02   | 3.74      | 4.25   | 3x0.53 | 3x0.33 | 3xM8   | 3xM10 | -     | 1.4          |
| 7-873-054F  | 5"  | 4          | 4.92   | 0.87   | 0.14    | 0.51    | -       | 3.25   | 2.40   | 3.74      | 4.25   | -      | -      | 3xM8   | 3xM10 | -     | 1.3          |
| 7-873-063F  | 6"  | 3          | 6.30   | 0.87   | 0.14    | 0.55    | 0.39    | 2.78   | 2.02   | 4.92      | 5.51   | 6x0.65 | 6x0.41 | 3xM10  | 3xM10 | -     | 2.4          |
| 7-873-064F  | 6"  | 4          | 6.30   | 0.87   | 0.14    | 0.59    | 0.39    | 3.25   | 2.40   | 4.92      | 5.51   | 6x0.65 | 6x0.41 | 3xM10  | 6xM10 | -     | 2.2          |
| 7-873-065F  | 6"  | 5          | 6.30   | 0.87   | 0.14    | 0.59    | 0.39    | 4.13   | 3.13   | 4.92      | 5.51   | 6x0.65 | 6x0.41 | 3xM10  | 6xM10 | -     | 1.9          |
| 7-873-066F  | 6"  | 6          | 6.30   | 0.87   | 0.14    | 0.77    | -       | 5.25   | 4.06   | 4.92      | 5.51   | -      | -      | 3xM10  | 3xM12 | -     | 1.6          |
| 7-873-084F  | 8"  | 4          | 7.87   | 0.87   | 0.14    | 0.59    | 0.39    | 3.25   | 2.40   | 6.30      | 6.93   | 6x0.65 | 6x0.41 | 3xM10  | 6xM10 | -     | 3.9          |
| 7-873-085F  | 8"  | 5          | 7.87   | 0.87   | 0.14    | 0.59    | 0.39    | 4.13   | 3.13   | 6.30      | 6.93   | 6x0.65 | 6x0.41 | 3xM10  | 6xM10 | -     | 3.6          |
| 7-873-086F  | 8"  | 6          | 7.87   | 0.87   | 0.14    | 0.83    | 0.39    | 5.25   | 4.06   | 6.30      | 6.93   | 6x0.65 | 6x0.41 | 3xM10  | 6xM12 | -     | 3.1          |
| 7-873-105F  | 10" | 5          | 9.84   | 1.10   | 0.18    | 0.47    | 0.47    | 4.13   | 3.13   | 7.87      | 8.82   | 6x0.75 | 6x0.51 | 3xM12  | 6xM10 | -     | 7.7          |
| 7-873-106F  | 10" | 6          | 9.84   | 1.10   | 0.18    | 0.75    | 0.47    | 5.25   | 4.06   | 7.87      | 8.82   | 6x0.75 | 6x0.51 | 3xM12  | 6xM12 | -     | 7.1          |
| 7-873-108F  | 10" | 8          | 9.84   | 1.10   | 0.18    | 0.94    | 0.47    | 6.75   | 5.36   | 7.87      | 8.82   | 6x0.75 | 6x0.51 | 3xM12  | 6xM16 | -     | 5.9          |
| 7-873-126F  | 12" | 6          | 12.40  | 1.30   | 0.18    | 0.75    | 0.63    | 5.25   | 4.06   | 10.24     | 11.26  | 6x0.98 | 6x0.67 | 3xM16  | 6xM12 | -     | 14.6         |
| 7-873-128F  | 12" | 8          | 12.40  | 1.30   | 0.18    | 0.87    | 0.63    | 6.75   | 5.36   | 10.24     | 11.26  | 6x0.98 | 6x0.67 | 3xM16  | 6xM16 | -     | 13.2         |
| 7-873-129F  | 12" | 11         | 12.40  | 1.50   | 0.18    | 1.26    | -       | 9.25   | 7.59   | 10.24     | 11.26  | -      | -      | 6xM16  | 6xM20 | -     | 12.0         |
| 7-873-166F  | 16" | 6          | 15.75  | 1.42   | 0.18    | 0.83    | 0.63    | 5.25   | 4.06   | 12.99     | 14.25  | 6x0.98 | 6x0.67 | 6xM16  | 6xM12 | 3xM16 | 27.7         |
| 7-873-168F  | 16" | 8          | 15.75  | 1.42   | 0.18    | 0.79    | 0.63    | 6.75   | 5.36   | 12.99     | 14.25  | 6x0.98 | 6x0.67 | 6xM16  | 6xM16 | 3xM16 | 26.0         |
| 7-873-169F  | 16" | 11         | 15.75  | 1.42   | 0.18    | 1.18    | 0.67    | 9.25   | 7.59   | 12.99     | 14.25  | 6x0.98 | 6x0.67 | 6xM16  | 6xM20 | 3xM16 | 22.5         |
| 7-873-208F  | 20" | 8          | 19.69  | 1.42   | 0.18    | 0.79    | 0.63    | 6.75   | 5.36   | 16.54     | 18.03  | 6x0.98 | 6x0.67 | 6xM16  | 6xM16 | 3xM16 | 43.4         |
| 7-873-205F  | 20" | 11         | 19.69  | 1.42   | 0.18    | 1.18    | 0.63    | 9.25   | 7.59   | 16.54     | 18.03  | 6x0.98 | 6x0.67 | 6xM16  | 6xM20 | 3xM16 | 39.9         |
| 7-873-2095F | 20" | 15         | 19.69  | 1.42   | 0.18    | 1.26    | 0.63    | 13.00  | 11.08  | 16.54     | 18.03  | 6x0.98 | 6x0.67 | 6xM16  | 6xM24 | 3xM16 | 31.6         |
| 7-873-258F  | 25" | 8          | 24.80  | 1.65   | 0.24    | 0.87    | 0.75    | 6.75   | 5.36   | 21.46     | 23.07  | 6x0.98 | 6x0.67 | 6xM16  | 6xM16 | 3xM16 | 84.0         |
| 7-873-259F  | 25" | 11         | 24.80  | 1.65   | 0.24    | 0.94    | 0.75    | 9.25   | 7.59   | 21.46     | 23.07  | 6x0.98 | 6x0.67 | 6xM16  | 6xM20 | 3xM16 | 79.7         |
| 7-873-2600F | 25" | 15         | 24.80  | 1.65   | 0.24    | 1.42    | 0.75    | 13.00  | 11.08  | 21.46     | 23.07  | 6x0.98 | 6x0.67 | 6xM16  | 6xM24 | 3xM16 | 79.1         |
| 7-873-329F  | 32" | 11         | -      | 1.77   | -       | 1.18    | -       | 9.25   | 7.59   | 17.72     | 14.50  | -      | -      | 12xM24 | 6xM20 | 3xM16 | 40.4         |
| 7-873-336F* | 32" | 15         | -      | 1.57   | -       | 1.42    | -       | 13.00  | 11.08  | 14.96     | 13.00  | -      | -      | 11xM24 | 8xM24 | -     | 13.7         |
| 7-873-335F  | 32" | 15         | -      | 1.89   | -       | 1.34    | -       | 13.00  | 11.08  | 17.72     | 14.50  | -      | -      | 8xM24  | 8xM24 | 3xM24 | 31.3         |
| 7-873-415F  | 40" | 15         | -      | 1.77   | -       | 1.38    | -       | 13.00  | 11.08  | 20.47     | 18.25  | -      | -      | 6xM24  | 8xM24 | 3xM16 | 44.6         |

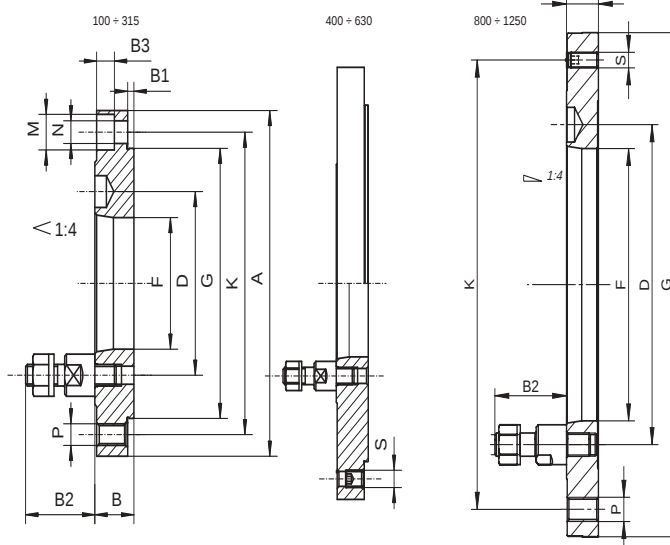
\* Only for 4-jaw Independent Chucks



### FULLY-FINISHED ADAPTER PLATES

8230-X  
TYPE C

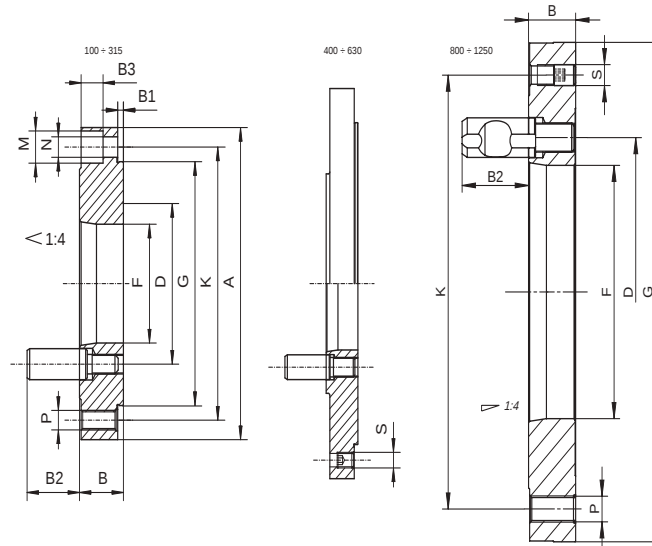
W - Chuck diameter



| Code No.   | W*  | Taper Size | A [in] | B [in] | B1 [in] | B2 [in] | D [in] | F [in] | G h6 [in] | K [in] | M [in] | N [in] | P      | S     | Weight [lbs] |
|------------|-----|------------|--------|--------|---------|---------|--------|--------|-----------|--------|--------|--------|--------|-------|--------------|
| 7-921-043F | 4"  | 3          | 3.94   | 0.87   | 0.10    | 1.34    | 2.95   | 2.02   | 2.76      | 3.27   | 3x0.53 | 3x0.33 | 6xM8   | -     | 1.98         |
| 7-921-053F | 5"  | 3          | 4.92   | 0.87   | 0.14    | 1.34    | 2.95   | 2.02   | 3.74      | 4.25   | 3x0.53 | 3x0.33 | 6xM8   | -     | 3.53         |
| 7-921-054F | 5"  | 4          | 4.92   | 0.87   | 0.14    | 1.54    | 3.35   | 2.40   | 3.74      | 4.25   | 3x0.53 | 3x0.33 | 6xM8   | -     | 3.09         |
| 7-921-063F | 6"  | 3          | 6.30   | 0.87   | 0.14    | 1.34    | 2.78   | 2.02   | 4.92      | 5.51   | 6x0.65 | 6x0.41 | 6xM10  | -     | 5.73         |
| 7-921-064F | 6"  | 4          | 6.30   | 0.87   | 0.14    | 1.54    | 3.35   | 2.40   | 4.92      | 5.51   | 6x0.65 | 6x0.41 | 6xM10  | -     | 5.51         |
| 7-921-065F | 6"  | 5          | 6.30   | 0.87   | 0.14    | 1.69    | 4.13   | 3.13   | 4.92      | 5.51   | 6x0.65 | 6x0.41 | 6xM10  | -     | 4.85         |
| 7-921-066F | 6"  | 6          | 6.30   | 0.87   | 0.14    | 1.97    | 5.25   | 4.06   | 4.92      | 5.51   | 6x0.65 | 6x0.41 | 6xM10  | -     | 4.19         |
| 7-921-083F | 8"  | 3          | 7.87   | 0.87   | 0.14    | 1.34    | 2.78   | 2.02   | 6.30      | 6.93   | 6x0.65 | 6x0.41 | 6xM10  | -     | 9.26         |
| 7-921-084F | 8"  | 4          | 7.87   | 0.87   | 0.14    | 1.54    | 3.35   | 2.40   | 6.30      | 6.93   | 6x0.65 | 6x0.41 | 6xM10  | -     | 9.04         |
| 7-921-085F | 8"  | 5          | 7.87   | 0.87   | 0.14    | 1.69    | 4.13   | 3.13   | 6.30      | 6.93   | 6x0.65 | 6x0.41 | 6xM10  | -     | 8.60         |
| 7-921-086F | 8"  | 6          | 7.87   | 0.87   | 0.14    | 1.97    | 5.25   | 4.06   | 6.30      | 6.93   | 6x0.65 | 6x0.41 | 6xM10  | -     | 7.94         |
| 7-921-105F | 10" | 5          | 9.84   | 1.10   | 0.18    | 1.69    | 4.13   | 3.13   | 7.87      | 8.82   | 6x0.75 | 6x0.51 | 6xM12  | -     | 17.86        |
| 7-921-106F | 10" | 6          | 9.84   | 1.10   | 0.18    | 1.97    | 5.25   | 4.06   | 7.87      | 8.82   | 6x0.75 | 6x0.51 | 6xM12  | -     | 16.76        |
| 7-921-108F | 10" | 8          | 9.84   | 1.10   | 0.18    | 2.36    | 6.75   | 5.36   | 7.87      | 8.82   | 6x0.75 | 6x0.51 | 6xM12  | -     | 14.77        |
| 7-921-126F | 12" | 6          | 12.40  | 1.30   | 0.18    | 1.97    | 5.25   | 4.06   | 10.24     | 11.26  | 6x0.98 | 6x0.67 | 6xM16  | -     | 33.29        |
| 7-921-128F | 12" | 8          | 12.40  | 1.30   | 0.18    | 2.36    | 6.75   | 5.36   | 10.24     | 11.26  | 6x0.98 | 6x0.67 | 6xM16  | -     | 30.86        |
| 7-921-129F | 12" | 11         | 12.40  | 1.30   | 0.18    | 2.95    | 9.25   | 7.59   | 10.24     | 11.26  | 6x0.98 | 6x0.67 | 6xM16  | -     | 26.90        |
| 7-921-166F | 16" | 6          | 15.75  | 1.42   | 0.18    | 1.97    | 5.25   | 4.06   | 12.99     | 14.25  | 6x0.98 | 6x0.67 | 6xM16  | 3xM16 | 62.17        |
| 7-921-168F | 16" | 8          | 15.75  | 1.42   | 0.18    | 2.36    | 6.75   | 5.36   | 12.99     | 14.25  | 6x0.98 | 6x0.67 | 6xM16  | 3xM16 | 59.30        |
| 7-921-169F | 16" | 11         | 15.75  | 1.42   | 0.18    | 2.95    | 9.25   | 7.59   | 12.99     | 14.25  | 6x0.98 | 6x0.67 | 6xM16  | 3xM16 | 54.45        |
| 7-921-208F | 20" | 8          | 19.69  | 1.42   | 0.18    | 2.36    | 6.75   | 5.36   | 16.54     | 18.03  | 6x0.98 | 6x0.67 | 6xM16  | 3xM16 | 97.66        |
| 7-921-209F | 20" | 11         | 19.69  | 1.42   | 0.18    | 2.95    | 9.25   | 7.59   | 16.54     | 18.03  | 6x0.98 | 6x0.67 | 6xM16  | 3xM16 | 92.81        |
| 7-921-215F | 20" | 15         | 19.69  | 1.42   | 0.18    | 3.54    | 13.00  | 11.08  | 16.54     | 18.03  | 6x0.98 | 6x0.67 | 6xM16  | 3xM16 | 78.70        |
| 7-921-258F | 25" | 8          | 24.80  | 1.65   | 0.24    | 2.36    | 6.75   | 5.36   | 21.46     | 23.07  | 6x0.98 | 6x0.67 | 6xM16  | 3xM16 | 186.95       |
| 7-921-259F | 25" | 11         | 24.80  | 1.65   | 0.24    | 2.95    | 9.25   | 7.59   | 21.46     | 23.07  | 6x0.98 | 6x0.67 | 6xM16  | 3xM16 | 180.56       |
| 7-921-265F | 25" | 15         | 24.80  | 1.65   | 0.24    | 3.54    | 13.00  | 11.08  | 21.46     | 23.07  | 6x0.98 | 6x0.67 | 6xM16  | 3xM16 | 163.14       |
| 7-921-329F | 32" | 11         | -      | 1.77   | -       | 2.95    | 9.25   | 7.59   | 17.72     | 14.50  | -      | -      | 12xM24 | 3xM16 | 94.80        |
| 7-921-335F | 32" | 15         | -      | 1.77   | -       | 3.54    | 13.00  | 11.08  | 14.96     | 13.00  | -      | -      | 6xM24  | 3xM16 | 51.37        |
| 7-921-336F | 32" | 15         | -      | 1.77   | -       | 3.54    | 13.00  | 11.08  | 17.72     | 14.50  | -      | -      | 6xM24  | 3xM16 | 71.21        |

## FULLY-FINISHED ADAPTER PLATES

8240-X  
TYPE D

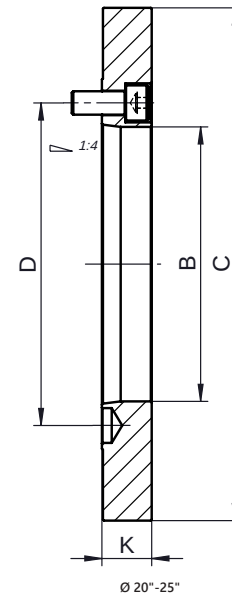
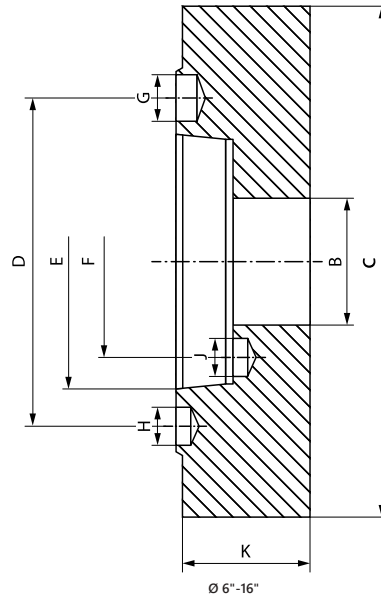


W - Chuck diameter

| Code No.   | W*  | Taper Size | A [in] | B [in] | B1 [in] | B2 [in] | D [in] | F [in] | G h6 [in] | K [in] | M [in] | N [in] | P [in]    | S [in]   | Weight [lbs] |
|------------|-----|------------|--------|--------|---------|---------|--------|--------|-----------|--------|--------|--------|-----------|----------|--------------|
| 7-878-053F | 5"  | 3          | 4.92   | 1.02   | 0.14    | 1.21    | 2.78   | 2.02   | 3.74      | 4.25   | 3x0.53 | 3x0.33 | 6x5/16-18 | -        | 3.53         |
| 7-878-054F | 5"  | 4          | 4.92   | 1.02   | 0.14    | 1.27    | 3.25   | 2.36   | 3.74      | 4.25   | 3x0.53 | 3x0.33 | 6x5/16-18 | -        | 3.53         |
| 7-878-055F | 5"  | 5          | 5.75   | 1.30   | 0.14    | 1.50    | 4.13   | 2.40   | 3.74      | 4.25   | 3x0.53 | 3x0.33 | 6x5/16-18 | -        | 6.70         |
| 7-878-056F | 5"  | 6          | 7.13   | 1.57   | 0.14    | 1.74    | 5.25   | 3.03   | 3.74      | 4.25   | 3x0.53 | 3x0.33 | 6x5/16-18 | -        | 11.5         |
| 7-878-063F | 6"  | 3          | 6.30   | 1.06   | 0.14    | 1.21    | 2.78   | 2.02   | 4.92      | 5.51   | 3x0.53 | 3x0.33 | 6x3/8-16  | -        | 6.83         |
| 7-878-064F | 6"  | 4          | 6.30   | 1.06   | 0.14    | 1.27    | 3.25   | 2.36   | 4.92      | 5.51   | 3x0.53 | 3x0.33 | 6x3/8-16  | -        | 6.39         |
| 7-878-065F | 6"  | 5          | 6.30   | 1.18   | 0.14    | 1.50    | 4.13   | 3.13   | 4.92      | 5.51   | 3x0.53 | 3x0.33 | 6x3/8-16  | -        | 6.61         |
| 7-878-083F | 8"  | 3          | 7.87   | 1.06   | 0.14    | 1.21    | 2.78   | 2.02   | 6.30      | 6.93   | 6x0.65 | 6x0.41 | 6x3/8-16  | -        | 11.02        |
| 7-878-084F | 8"  | 4          | 7.87   | 1.06   | 0.14    | 1.29    | 3.25   | 2.36   | 6.30      | 6.93   | 6x0.65 | 6x0.41 | 6x3/8-16  | -        | 10.80        |
| 7-878-085F | 8"  | 5          | 7.87   | 1.18   | 0.14    | 1.50    | 4.13   | 3.13   | 6.30      | 6.93   | 6x0.65 | 6x0.41 | 6x3/8-16  | -        | 10.58        |
| 7-878-086F | 8"  | 6          | 7.87   | 1.44   | 0.14    | 1.74    | 5.25   | 4.06   | 6.30      | 6.93   | 6x0.65 | 6x0.41 | 6x3/8-16  | -        | 13.01        |
| 7-878-105F | 10" | 5          | 9.84   | 1.18   | 0.18    | 1.50    | 4.13   | 3.13   | 7.87      | 8.82   | 6x0.75 | 6x0.51 | 6x1/2-13  | -        | 18.96        |
| 7-878-106F | 10" | 6          | 9.84   | 1.44   | 0.18    | 1.74    | 5.25   | 4.06   | 7.87      | 8.82   | 6x0.75 | 6x0.51 | 6x1/2-13  | -        | 19.18        |
| 7-878-108F | 10" | 8          | 9.84   | 1.54   | 0.18    | 2.00    | 6.75   | 5.36   | 7.87      | 8.82   | 6x0.75 | 6x0.51 | 6x1/2-13  | -        | 20.72        |
| 7-878-126F | 12" | 6          | 12.40  | 1.54   | 0.18    | 1.74    | 5.25   | 4.06   | 10.24     | 11.26  | 6x0.98 | 6x0.67 | 6x5/8-11  | -        | 38.36        |
| 7-878-128F | 12" | 8          | 12.40  | 1.54   | 0.18    | 2.00    | 6.75   | 5.36   | 10.24     | 11.26  | 6x0.98 | 6x0.67 | 6x5/8-11  | -        | 35.05        |
| 7-878-129F | 12" | 11         | 12.40  | 1.85   | 0.18    | 2.39    | 9.25   | 7.59   | 10.24     | 11.26  | 6x0.98 | 6x0.67 | 6x5/8-11  | -        | 35.94        |
| 7-878-168F | 16" | 8          | 15.75  | 1.54   | 0.18    | 2.00    | 6.75   | 5.36   | 12.99     | 14.25  | 6x0.98 | 6x0.67 | 6x5/8-11  | 3x5/8-16 | 60.41        |
| 7-878-169F | 16" | 11         | 15.75  | 1.85   | 0.18    | 2.39    | 9.25   | 7.59   | 12.99     | 14.25  | 6x0.98 | 6x0.67 | 6x5/8-11  | 3x5/8-16 | 60.41        |
| 7-878-208F | 20" | 8          | 19.69  | 1.54   | 0.18    | 2.00    | 6.75   | 5.36   | 16.54     | 18.03  | 6x0.98 | 6x0.67 | 6x5/8-11  | 3x5/8-16 | 100.09       |
| 7-878-209F | 20" | 11         | 19.69  | 1.85   | 0.18    | 2.39    | 9.25   | 7.59   | 16.54     | 18.03  | 6x0.98 | 6x0.67 | 6x5/8-11  | 3x5/8-16 | 98.11        |
| 7-878-259F | 25" | 11         | 24.80  | 1.85   | 0.24    | 2.39    | 9.25   | 7.59   | 21.46     | 23.07  | 6x0.98 | 6x0.67 | 6x5/8-11  | 3x5/8-16 | 164.24       |
| 7-878-265F | 25" | 15         | 24.80  | 1.97   | 0.24    | 2.74    | 13.00  | 11.08  | 21.46     | 23.07  | 6x0.98 | 6x0.67 | 6x5/8-11  | 3x5/8-16 | 154.98       |
| 7-878-329F | 32" | 11         | -      | 1.85   | -       | 2.39    | 9.25   | 7.59   | 17.72     | 14.50  | -      | -      | 12x1-8    | 3x5/8-16 | 82.23        |



- Adapters for plain back self-centering and independent chuck
- Rough on the chuck side
- Adapters 6-16" suitable for A1 and A2 mounting
- Adapters 25-25" suitable for A2 only



### SEMI-MACHINED ADAPTER PLATES

8212  
TYPE A

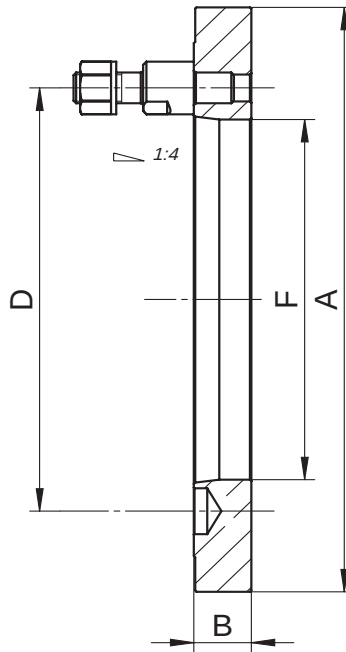
W - Chuck diameter

| Code No.   | W*  | Taper Size | B [in] | C [in] | D [in] | E [in] | F [in] | G [in] | H [in] | J [in] | K [in] | Weight [lbs] |
|------------|-----|------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------------|
| 7-873-056  | 5"  | 6          | 2.16   | 5.24   | 5.25   | 4.19   | 3.25   | 0.77   | 0.53   | 0.53   | 1.30   | 6.00         |
| 7-873-065  | 6"  | 5          | 1.50   | 6.38   | 4.13   | 3.25   | 2.44   | 0.64   | 0.47   | 0.47   | 1.38   | 10.52        |
| 7-873-085  | 8"  | 5          | 1.50   | 8.39   | 4.13   | 3.25   | 2.44   | 0.64   | 0.47   | 0.47   | 1.38   | 20.59        |
| 7-873-086  | 8"  | 6          | 2.13   | 8.39   | 5.25   | 4.19   | 3.25   | 0.77   | 0.53   | 0.53   | 1.52   | 20.00        |
| 7-873-106  | 10" | 6          | 2.13   | 10.75  | 5.25   | 4.19   | 3.25   | 0.77   | 0.53   | 0.53   | 1.52   | 34.87        |
| 7-873-108  | 10" | 8          | 3.15   | 10.75  | 6.75   | 5.50   | 4.37   | 0.95   | 0.67   | 0.67   | 1.79   | 38.35        |
| 7-873-126  | 12" | 6          | 2.13   | 12.52  | 5.25   | 4.19   | 3.25   | 0.77   | 0.53   | 0.53   | 1.52   | 48.42        |
| 7-873-128  | 12" | 8          | 3.15   | 12.52  | 6.75   | 5.50   | 4.37   | 0.95   | 0.67   | 0.67   | 1.79   | 54.43        |
| 7-873-129  | 12" | 11         | 5.12   | 12.52  | 9.25   | 7.75   | 6.51   | 1.16   | 0.79   | 0.79   | 2.09   | 54.36        |
| 7-873-168  | 16" | 8          | 3.15   | 15.94  | 6.75   | 5.50   | 4.37   | 0.95   | 0.67   | 0.67   | 1.79   | 92.47        |
| 7-873-169  | 16" | 11         | 5.12   | 15.94  | 9.25   | 7.75   | 6.50   | 1.16   | 0.79   | 0.79   | 2.09   | 97.75        |
| 7-873-165  | 16" | 15         | 8.11   | 15.94  | 13.00  | 11.25  | 9.75   | 1.41   | 0.91   | 0.91   | 2.40   | 89.10        |
| 7-873-209  | 20" | 11         | 7.59   | 19.88  | 9.25   | 7.75   | -      | -      | -      | -      | 1.77   | 130          |
| 7-873-259  | 25" | 11         | 7.59   | 25.00  | 9.25   | 7.75   | -      | -      | -      | -      | 1.77   | 158          |
| 7-873-2595 | 25" | 15         | 7.59   | 25.00  | 13     | 11.25  | -      | -      | -      | -      | 2.20   | 268          |
| 7-873-2598 | 25" | 20         | 16.00  | 25.00  | 18.25  | 16.25  | -      | -      | -      | -      | 2.20   | 156          |

## SEMI-MACHINED ADAPTER PLATES

8232  
TYPE C

- Adapters for plain back self-centering and independent chuck
- Rough on the chuck side

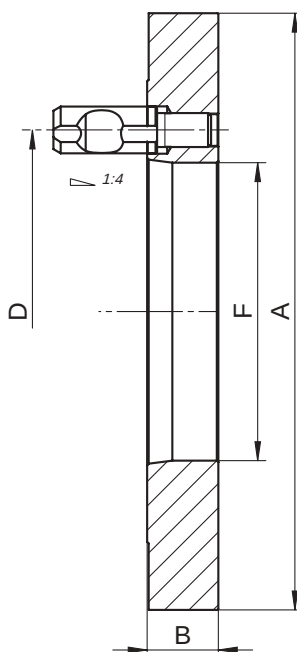


W - Chuck diameter

| Code No.   | W*       | Taper Size | A<br>[in] | B<br>[in] | F<br>[in] | D<br>[in] | Weight<br>[lbs] |
|------------|----------|------------|-----------|-----------|-----------|-----------|-----------------|
| 7-921-0430 | 4"       | 3          | 4.02      | 0.71      | 2.02      | 2.78      | 3.97            |
| 7-921-0530 | 5"       | 3          | 5.00      | 0.77      | 2.02      | 2.78      | 5.29            |
| 7-921-0540 | 5"       | 4          | 5.00      | 0.77      | 2.40      | 3.35      | 5.29            |
| 7-921-0630 | 6"       | 3          | 6.38      | 0.77      | 2.02      | 2.78      | 9.26            |
| 7-921-0640 | 6"       | 4          | 6.38      | 0.94      | 2.40      | 3.35      | 7.05            |
| 7-921-0650 | 6"       | 5          | 6.38      | 0.94      | 3.13      | 4.13      | 6.17            |
| 7-921-0660 | 6"       | 6          | 6.38      | 1.30      | 1.67      | 5.25      | 10.14           |
| 7-921-0840 | 8"       | 4          | 7.99      | 1.30      | 2.17      | 3.35      | 26.46           |
| 7-921-0850 | 8"       | 5          | 7.99      | 1.50      | 2.17      | 4.13      | 26.46           |
| 7-921-0860 | 8"       | 6          | 7.99      | 1.30      | 2.17      | 5.25      | 26.46           |
| 7-921-1050 | 10"      | 5          | 9.96      | 1.30      | 3.13      | 4.13      | 35.27           |
| 7-921-1060 | 10"      | 6          | 9.96      | 1.97      | 3.15      | 5.25      | 35.27           |
| 7-921-1080 | 10"      | 8          | 9.96      | 1.81      | 3.15      | 6.75      | 35.27           |
| 7-921-1250 | 12"      | 5          | 12.52     | 1.50      | 3.13      | 4.13      | 45.19           |
| 7-921-1260 | 12"      | 6          | 12.52     | 1.30      | 4.06      | 5.25      | 37.92           |
| 7-921-1280 | 12"      | 8          | 12.52     | 2.17      | 4.06      | 6.75      | 59.52           |
| 7-921-1290 | 12"      | 11         | 12.52     | 1.85      | 4.06      | 9.25      | 52.91           |
| 7-921-1680 | 16"      | 8          | 15.94     | 1.69      | 5.36      | 6.75      | 77.16           |
| 7-921-1690 | 16"      | 11         | 15.94     | 1.85      | 5.36      | 9.25      | 84.88           |
| 7-921-2080 | 20"      | 8          | 19.88     | 1.77      | 5.36      | 6.75      | 132.28          |
| 7-921-2090 | 20"      | 11         | 19.88     | 1.77      | 7.59      | 9.25      | 121.70          |
| 7-921-2580 | 25"      | 8          | 25.00     | 1.77      | 5.36      | 6.75      | 211.64          |
| 7-921-2590 | 25"      | 11         | 25.00     | 1.77      | 7.59      | 9.25      | 202.83          |
| 7-921-2650 | 25"      | 15         | 25.00     | 2.20      | 7.59      | 13.00     | 242.51          |
| 7-921-3290 | 32"      | 11         | 15.16     | 1.77      | 7.59      | 9.25      | 61.73           |
| 7-921-3450 | 32"      | 15         | 16.06     | 1.77      | 11.08     | 13.00     | 44.09           |
| 7-921-3350 | 32"      | 15         | 15.16     | 1.69      | 11.06     | 13.00     | 46.30           |
| 7-921-3490 | 32"      | 11         | 17.95     | 1.61      | 7.59      | 9.25      | 88.18           |
| 7-921-4150 | 40"      | 15         | 20.71     | 1.69      | 11.06     | 13.00     | 121.25          |
| 7-921-4020 | 40"; 49" | 20         | 21.50     | 1.77      | 16.06     | 18.25     | 74.96           |
| 7-921-4950 | 40"; 49" | 15         | 28.66     | 2.09      | 11.06     | 13.00     | 295.42          |
| 7-921-4920 | 49"      | 20         | 28.66     | 2.09      | 16.06     | 18.25     | 238.10          |



- Adapters for plain back self-centering and independent chuck
- Rough on the chuck side



### SEMI-MACHINED ADAPTER PLATES

8242  
TYPE D

W - Chuck diameter

| Code No.   | W*       | Taper Size | A<br>[in] | B<br>[in] | F<br>[in] | D<br>[in] | Weight<br>[lbs] |
|------------|----------|------------|-----------|-----------|-----------|-----------|-----------------|
| 7-878-0430 | 4"       | 3          | 4.02      | 1.10      | 2.02      | 2.78      | 3.97            |
| 7-878-0530 | 5"       | 3          | 5.00      | 1.97      | 1.02      | 2.78      | 5.29            |
| 7-878-0540 | 5"       | 4          | 5.00      | 1.18      | 1.02      | 3.25      | 5.29            |
| 7-878-0630 | 6"       | 3          | 6.38      | 1.97      | 1.02      | 2.78      | 9.26            |
| 7-878-0640 | 6"       | 4          | 6.38      | 2.17      | 1.02      | 3.25      | 9.26            |
| 7-878-0650 | 6"       | 5          | 6.38      | 1.38      | 1.02      | 4.13      | 9.26            |
| 7-878-0660 | 6"       | 6          | 6.38      | 1.93      | 1.02      | 5.25      | 9.92            |
| 7-878-0840 | 8"       | 4          | 7.99      | 1.73      | 2.40      | 3.25      | 18.08           |
| 7-878-0850 | 8"       | 5          | 7.99      | 1.97      | 2.17      | 4.13      | 23.81           |
| 7-878-0860 | 8"       | 6          | 7.99      | 1.57      | 2.17      | 5.25      | 20.94           |
| 7-878-1050 | 10"      | 5          | 9.96      | 1.93      | 3.13      | 4.13      | 36.16           |
| 7-878-1060 | 10"      | 6          | 9.96      | 1.93      | 3.15      | 5.25      | 35.27           |
| 7-878-1080 | 10"      | 8          | 9.96      | 1.93      | 3.15      | 6.75      | 35.27           |
| 7-878-1260 | 12"      | 6          | 12.52     | 2.76      | 4.06      | 5.25      | 79.37           |
| 7-878-1280 | 12"      | 8          | 12.52     | 2.17      | 4.06      | 6.75      | 61.73           |
| 7-878-1290 | 12"      | 11         | 12.52     | 2.17      | 4.06      | 9.25      | 52.91           |
| 7-878-1660 | 16"      | 6          | 15.94     | 2.76      | 4.06      | 5.25      | 132.28          |
| 7-878-1680 | 16"      | 8          | 15.94     | 2.76      | 5.36      | 6.75      | 114.64          |
| 7-878-1690 | 16"      | 11         | 15.94     | 1.97      | 5.36      | 9.25      | 92.59           |
| 7-878-2080 | 20"      | 8          | 19.88     | 1.81      | 5.36      | 6.75      | 123.46          |
| 7-878-2090 | 20"      | 11         | 19.88     | 2.83      | 7.59      | 9.25      | 176.37          |
| 7-878-2590 | 25"      | 11         | 25.00     | 2.83      | 7.59      | 9.25      | 304.24          |
| 7-878-2650 | 25"      | 15         | 25.00     | 2.36      | 7.59      | 13.00     | 253.53          |
| 7-878-3290 | 32"      | 11         | 15.16     | 1.97      | 7.59      | 9.25      | 68.34           |
| 7-878-3450 | 32"      | 15         | 16.06     | 2.17      | 11.08     | 13.00     | 58.42           |
| 7-878-3350 | 32"      | 15         | 15.16     | 2.01      | 11.06     | 13.00     | 51.81           |
| 7-878-3490 | 32"      | 11         | 17.95     | 1.77      | 7.59      | 9.25      | 101.41          |
| 7-878-4150 | 40"      | 15         | 20.71     | 2.01      | 11.06     | 13.00     | 127.87          |
| 7-878-4020 | 40"; 49" | 20         | 21.50     | 2.13      | 16.06     | 18.25     | 79.37           |
| 7-878-4950 | 40"; 49" | 15         | 28.66     | 2.09      | 11.06     | 13.00     | 297.62          |
| 7-878-4920 | 49"      | 20         | 28.66     | 2.13      | 16.06     | 18.25     | 244.71          |

1

2

3

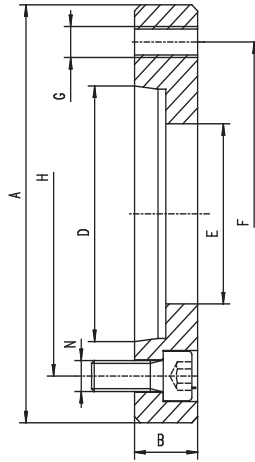
4

5

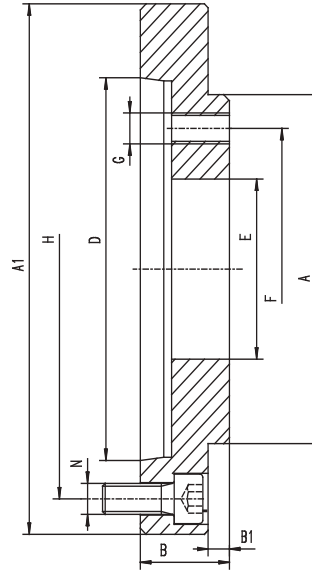
## FULLY-FINISHED ADAPTER PLATES FOR 4304, 4305, 4306, 4307

8217-0  
TYPE A

I



II



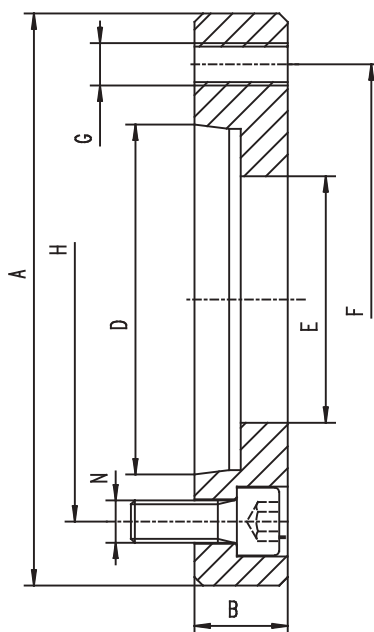
W - Chuck diameter      Z - adapter form

| Code No.  | W*  | Taper Size | Z* | A h6 [in] | A1 [in] | B [in] | B1 [in] | D [in] | E [in] | F [in] | G   | H [in] | N     | Weight [lbs] |
|-----------|-----|------------|----|-----------|---------|--------|---------|--------|--------|--------|-----|--------|-------|--------------|
| 7-933-084 | 8"  | 4          | I  | 4.33      | -       | 1.10   | -       | 2.50   | 1.97   | 3.25   | M10 | 3.25   | 4xM10 | 3.31         |
| 7-933-085 | 8"  | 5          | II | 4.33      | 5.24    | 1.50   | 0.22    | 3.25   | 1.97   | 3.25   | M10 | 4.13   | 6xM10 | 6.17         |
| 7-933-086 | 8"  | 6          | II | 4.33      | 6.50    | 1.26   | 0.22    | 4.19   | 1.97   | 3.25   | M10 | 5.25   | 6xM12 | 7.72         |
| 7-933-105 | 10" | 5          | I  | 5.91      | -       | 1.06   | -       | 3.25   | 2.56   | 4.13   | M12 | 4.13   | 8xM10 | 5.73         |
| 7-933-106 | 10" | 6          | II | 5.91      | 6.50    | 1.57   | 0.30    | 4.19   | 2.56   | 4.13   | M12 | 5.25   | 6xM12 | 9.70         |
| 7-933-108 | 10" | 8          | II | 5.91      | 8.27    | 1.50   | 0.30    | 5.50   | 2.56   | 4.13   | M12 | 6.75   | 6xM16 | 14.33        |
| 7-933-125 | 12" | 5          | I  | 6.89      | -       | 1.18   | -       | 3.25   | 3.11   | 5.25   | M16 | 4.13   | 6xM10 | 9.26         |
| 7-933-126 | 12" | 6          | I  | 6.89      | -       | 1.38   | -       | 4.19   | 3.15   | 5.25   | M16 | 5.25   | 8xM12 | 9.92         |
| 7-933-128 | 12" | 8          | II | 6.89      | 8.27    | 2.05   | 0.30    | 5.50   | 3.15   | 5.25   | M16 | 6.75   | 6xM16 | 20.94        |
| 7-933-129 | 12" | 11         | II | 6.89      | 11.02   | 1.93   | 0.30    | 7.75   | 3.15   | 5.25   | M16 | 9.25   | 6xM20 | 30.86        |
| 7-933-166 | 16" | 6          | I  | 7.87      | -       | 1.18   | -       | 4.19   | 4.06   | 6.75   | M16 | 5.25   | 8xM12 | 11.24        |
| 7-933-168 | 16" | 8          | II | 7.87      | 8.27    | 1.18   | -       | 5.50   | 3.94   | 6.75   | M16 | 6.75   | 6xM16 | 10.58        |
| 7-933-169 | 16" | 11         | II | 7.87      | 11.02   | 1.77   | 0.41    | 7.75   | 3.94   | 6.75   | M16 | 9.25   | 6xM20 | 27.78        |
| 7-933-175 | 16" | 15         | II | 7.87      | 14.96   | 2.56   | 0.41    | 11.25  | 3.94   | 6.75   | M16 | 13.00  | 6xM24 | 64.15        |
| 7-933-206 | 20" | 6          | I  | 10.63     | -       | 1.18   | -       | 4.19   | 4.06   | 9.25   | M20 | 5.25   | 6xM12 | 23.81        |
| 7-933-208 | 20" | 8          | I  | 10.63     | -       | 1.38   | -       | 5.50   | 4.92   | 9.25   | M20 | 6.75   | 6xM16 | 24.69        |
| 7-933-209 | 20" | 11         | II | 10.63     | 11.02   | 1.57   | 0.49    | 7.75   | 4.92   | 9.25   | M20 | 9.25   | 6xM20 | 25.35        |
| 7-933-215 | 20" | 15         | II | 10.63     | 14.96   | 2.05   | 0.49    | 11.25  | 4.92   | 9.25   | M20 | 13.00  | 6xM24 | 58.86        |
| 7-933-258 | 25" | 8          | I  | 10.63     | -       | 1.26   | -       | 5.50   | 5.35   | 9.25   | M20 | 6.75   | 6xM16 | 22.27        |
| 7-933-259 | 25" | 11         | II | 10.63     | 11.02   | 1.50   | -       | 7.75   | 6.30   | 9.25   | M20 | 9.25   | 6xM20 | 21.61        |
| 7-933-265 | 25" | 15         | II | 10.63     | 14.96   | 2.15   | 0.49    | 11.25  | 6.30   | 9.25   | M20 | 13.00  | 6xM24 | 59.08        |



FULLY-FINISHED ADAPTER PLATES FOR  
4306, 4307, 32\*\*, 35\*\*, 36\*\*, 37\*\*, 38\*\*

8217-1  
TYPE A



W - Chuck diameter

| Code No.  | W*       | Taper Size | A h6 [in] | B [in] | D [in] | E [in] | F [in] | G      | H [in] | N     | Weight [lbs] |
|-----------|----------|------------|-----------|--------|--------|--------|--------|--------|--------|-------|--------------|
| 7-933-328 | 32"      | 8          | 14.96     | 1.57   | 5.50   | 5.36   | 13.00  | 12xM24 | 6.75   | 6xM16 | 66,14        |
| 7-933-329 | 32"      | 11         | 14.96     | 1.57   | 7.75   | 7.59   | 13.00  | 12xM24 | 9.25   | 6xM20 | 52,91        |
| 7-933-345 | 32"      | 15         | 14.96     | 1.89   | 11.25  | 11.08  | 13.00  | 12xM24 | 13.00  | 6xM24 | 38,36        |
| 7-933-338 | 32"      | 8          | 17.72     | 1.57   | 5.50   | 5.36   | 14.50  | 12xM24 | 6.75   | 6xM16 | 92,59        |
| 7-933-339 | 32"      | 11         | 17.72     | 1.57   | 7.75   | 7.59   | 14.50  | 12xM24 | 9.25   | 6xM20 | 83,78        |
| 7-933-335 | 32"      | 15         | 17.72     | 1.89   | 11.25  | 11.08  | 14.50  | 12xM24 | 13.00  | 6xM24 | 74,96        |
| 7-933-409 | 40"; 49" | 11         | 20.47     | 1.57   | 7.75   | 7.59   | 18.25  | 12xM24 | 9.25   | 8xM20 | 125,66       |
| 7-933-415 | 40"; 49" | 15         | 20.47     | 1.57   | 11.25  | 11.08  | 18.25  | 12xM24 | 13.00  | 8xM24 | 116,84       |
| 7-933-420 | 40"; 49" | 20         | 20.47     | 1.97   | 16.25  | 16.06  | 18.25  | 12xM24 | 18.25  | 8xM24 | 64,82        |
| 7-933-499 | 49"      | 11         | 28.35     | 1.97   | 7.75   | 7.59   | 25.50  | 12xM30 | 9.25   | 8xM20 | 291,01       |
| 7-933-505 | 49"      | 15         | 28.35     | 1.97   | 11.25  | 11.08  | 25.50  | 12xM30 | 13.00  | 8xM24 | 282,19       |
| 7-933-492 | 49"      | 20         | 28.35     | 1.97   | 16.25  | 16.06  | 25.50  | 12xM30 | 18.25  | 8xM24 | 224,87       |

1

2

3

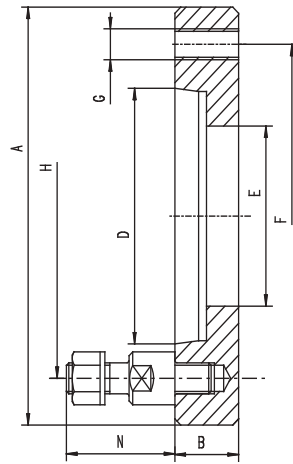
4

5

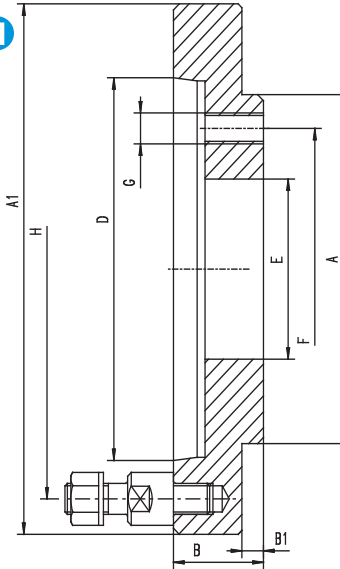
## FULLY-FINISHED ADAPTER PLATES FOR 4304, 4305, 4306, 4307

8237-0  
TYPE C

I



II



W - Chuck diameter    Z - adapter form

| Code No.  | W*  | Taper Size | Z* | A h6 [in] | A1 [in] | B [in] | B1 [in] | D [in] | E [in] | F [in] | G   | H [in] | N [in] | No. of studs | Weight [lbs] |
|-----------|-----|------------|----|-----------|---------|--------|---------|--------|--------|--------|-----|--------|--------|--------------|--------------|
| 7-931-084 | 8"  | 4          | I  | 4.33      | -       | 0.87   | -       | 2.50   | 1.97   | 3.25   | M10 | 3.35   | 1.54   | 3            | 3.09         |
| 7-931-085 | 8"  | 5          | II | 4.33      | 5.31    | 1.34   | 0.22    | 3.25   | 1.97   | 3.25   | M10 | 4.13   | 1.69   | 4            | 6.17         |
| 7-931-086 | 8"  | 6          | II | 4.33      | 6.69    | 1.34   | 0.22    | 4.19   | 1.97   | 3.25   | M10 | 5.25   | 1.97   | 4            | 9.70         |
| 7-931-105 | 10" | 5          | I  | 5.91      | -       | 0.98   | -       | 3.25   | 2.56   | 4.13   | M12 | 4.13   | 1.69   | 4            | 6.17         |
| 7-931-106 | 10" | 6          | II | 5.91      | 6.69    | 1.77   | 0.30    | 4.19   | 2.56   | 4.13   | M12 | 5.25   | 1.97   | 4            | 13.67        |
| 7-931-108 | 10" | 8          | II | 5.91      | 8.66    | 1.50   | 0.30    | 5.50   | 2.56   | 4.13   | M12 | 6.75   | 2.36   | 4            | 18.08        |
| 7-931-125 | 12" | 5          | I  | 6.89      | -       | 1.22   | -       | 3.25   | 3.11   | 5.25   | M16 | 4.13   | 1.69   | 4            | 10.14        |
| 7-931-126 | 12" | 6          | I  | 6.89      | -       | 1.30   | -       | 4.19   | 3.15   | 5.25   | M16 | 5.25   | 1.97   | 4            | 10.14        |
| 7-931-128 | 12" | 8          | II | 6.89      | 8.66    | 2.05   | 0.30    | 5.50   | 3.15   | 5.25   | M16 | 6.75   | 2.36   | 4            | 25.79        |
| 7-931-129 | 12" | 11         | II | 6.89      | 11.42   | 1.93   | 0.30    | 7.75   | 3.15   | 5.25   | M16 | 9.25   | 2.95   | 6            | 35.71        |
| 7-931-166 | 16" | 6          | I  | 7.87      | -       | 1.18   | -       | 4.19   | 3.94   | 6.75   | M16 | 5.25   | 1.97   | 4            | 12.35        |
| 7-931-168 | 16" | 8          | II | 7.87      | 8.66    | 1.10   | 0.43    | 5.50   | 3.94   | 6.75   | M16 | 6.75   | 2.36   | 4            | 11.24        |
| 7-931-169 | 16" | 11         | II | 7.87      | 11.42   | 1.77   | 0.43    | 7.75   | 3.94   | 6.75   | M16 | 9.25   | 2.95   | 6            | 36.16        |
| 7-931-175 | 16" | 15         | II | 7.87      | 15.75   | 2.56   | 0.94    | 11.25  | 3.94   | 6.75   | M16 | 13.00  | 3.54   | 6            | 81.35        |
| 7-931-206 | 20" | 6          | I  | 10.63     | -       | 1.18   | -       | 4.19   | 4.06   | 9.25   | M20 | 5.25   | 1.97   | 4            | 24.91        |
| 7-931-208 | 20" | 8          | I  | 10.63     | -       | 1.18   | -       | 5.50   | 4.92   | 9.25   | M20 | 6.75   | 2.36   | 4            | 22.49        |
| 7-931-209 | 20" | 11         | II | 10.63     | 11.42   | 1.79   | 0.49    | 7.75   | 4.92   | 9.25   | M20 | 9.25   | 2.95   | 6            | 30.86        |
| 7-931-215 | 20" | 15         | II | 10.63     | 15.75   | 1.97   | 0.49    | 11.25  | 4.92   | 9.25   | M20 | 13.00  | 3.54   | 6            | 63.49        |
| 7-931-258 | 25" | 8          | I  | 10.63     | -       | 1.18   | -       | 5.50   | 5.35   | 9.25   | M20 | 6.75   | 2.36   | 4            | 22.71        |
| 7-931-259 | 25" | 11         | II | 10.63     | 11.42   | 1.50   | -       | 7.75   | 6.30   | 9.25   | M20 | 9.25   | 2.95   | 6            | 26.46        |
| 7-931-265 | 25" | 15         | II | 10.63     | 15.75   | 1.97   | 0.49    | 11.25  | 6.30   | 9.25   | M20 | 13.00  | 3.54   | 6            | 69.23        |

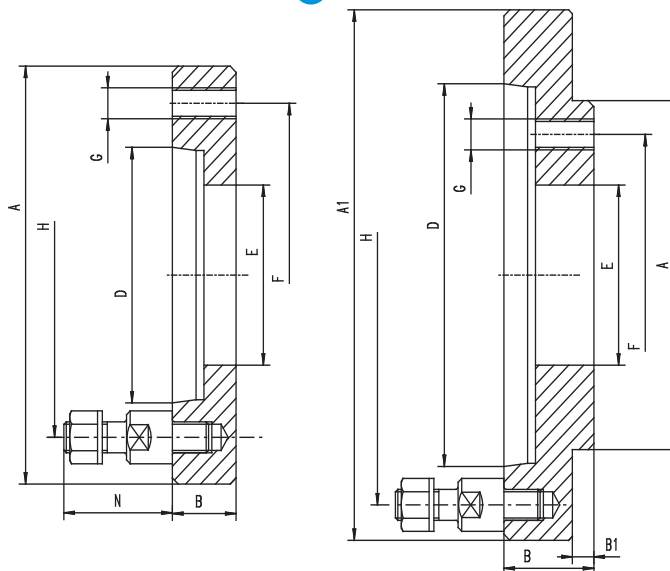


FULLY-FINISHED ADAPTER PLATES FOR  
4306, 4307, 32\*\*, 35\*\*, 36\*\*, 37\*\*, 38\*\*

8237-1  
TYPE C

I

II



W - Chuck diameter    Z - adapter form

| Code No.  | W*       | Taper Size | Z* | A h6 [in] | A1 [in] | B [in] | B1 [in] | D [in] | E [in] | F [in] | G      | H [in] | N [in] | No. of studs | Weight [lbs] |
|-----------|----------|------------|----|-----------|---------|--------|---------|--------|--------|--------|--------|--------|--------|--------------|--------------|
| 7-931-328 | 32"      | 8          | I  | 14.96     | -       | 1.50   | -       | 5.50   | 5.36   | 13.00  | 12xM24 | 6.75   | 2.36   | 4            | 66.14        |
| 7-931-329 | 32"      | 11         | I  | 14.96     | -       | 1.57   | -       | 7.75   | 7.59   | 13.00  | 12xM24 | 9.25   | 2.95   | 6            | 55.78        |
| 7-931-335 | 32"      | 15         | II | 14.96     | 15.75   | 1.57   | 0.51    | 11.25  | 11.08  | 13.00  | 12xM24 | 13.00  | 3.54   | 6            | 44.97        |
| 7-931-338 | 32"      | 8          | I  | 17.72     | -       | 1.50   | -       | 5.50   | 5.36   | 14.50  | 12xM24 | 6.75   | 2.36   | 4            | 95.90        |
| 7-931-339 | 32"      | 11         | I  | 17.72     | -       | 1.50   | -       | 7.75   | 7.59   | 14.50  | 12xM24 | 9.25   | 2.95   | 6            | 84.66        |
| 7-931-345 | 32"      | 15         | I  | 17.72     | -       | 1.57   | -       | 11.25  | 11.08  | 14.50  | 12xM24 | 13.00  | 3.54   | 6            | 71.21        |
| 7-931-409 | 40"; 49" | 11         | I  | 20.47     | -       | 1.57   | -       | 7.75   | 7.59   | 18.25  | 12xM24 | 9.25   | 2.95   | 6            | 120.15       |
| 7-931-415 | 40"; 49" | 15         | I  | 20.47     | -       | 1.57   | -       | 11.25  | 11.08  | 18.25  | 12xM24 | 13.00  | 3.54   | 6            | 106.48       |
| 7-931-420 | 40"; 49" | 20         | II | 20.47     | 21.26   | 0.55   | -       | 16.25  | 16.06  | 18.25  | 12xM24 | 18.25  | 3.94   | 6            | 70.99        |
| 7-931-499 | 49"      | 11         | I  | 28.35     | -       | 1.97   | -       | 7.75   | 7.59   | 25.50  | 12xM30 | 9.25   | 2.95   | 6            | 304.24       |
| 7-931-505 | 49"      | 15         | I  | 28.35     | -       | 1.97   | -       | 11.25  | 11.08  | 25.50  | 12xM30 | 13.00  | 3.54   | 6            | 291.01       |
| 7-931-492 | 49"      | 20         | I  | 28.35     | -       | 1.97   | -       | 16.25  | 16.06  | 25.50  | 12xM30 | 18.25  | 3.94   | 6            | 234.79       |

1

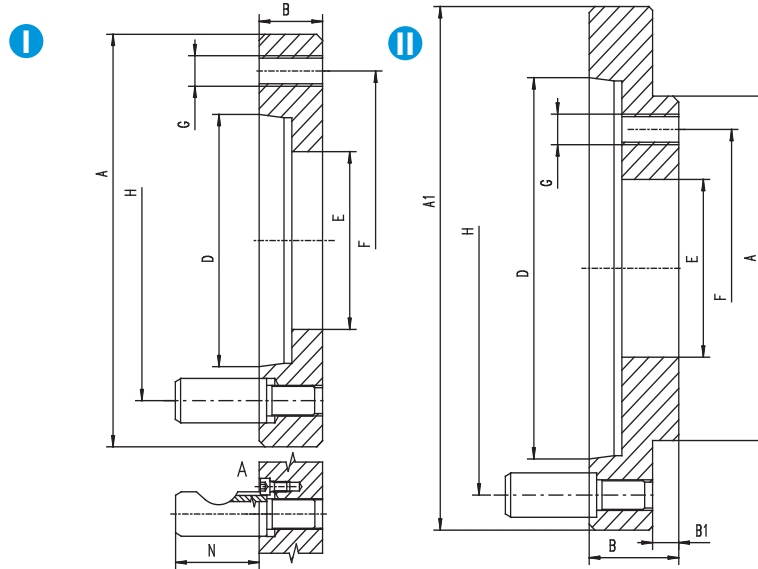
2

3

4

5

## FULLY-FINISHED ADAPTER PLATES FOR 4304, 4305, 4306, 4307

8247-0  
TYPE D


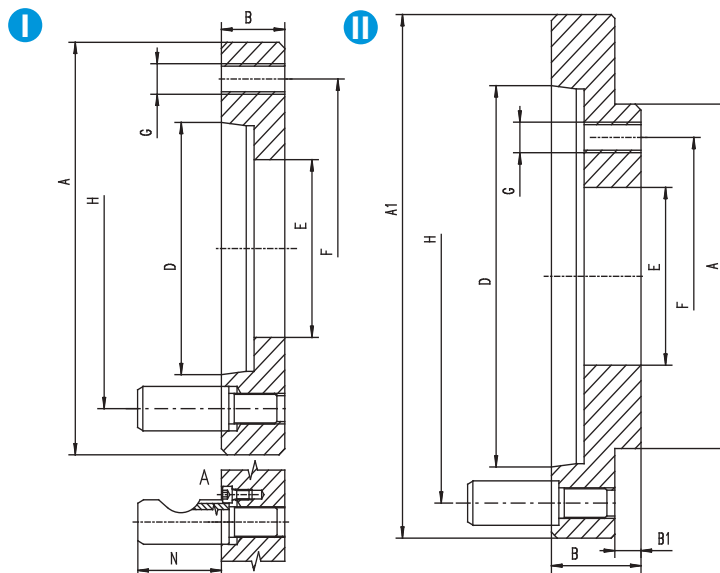
W - Chuck diameter Z - adapter form

| Code No.  | W*  | Taper Size | Z* | A h6 [in] | A1 [in] | B [in] | B1 [in] | D [in] | E [in] | F [in] | G   | H [in] | N [in] | No. of studs | Weight [lbs] |
|-----------|-----|------------|----|-----------|---------|--------|---------|--------|--------|--------|-----|--------|--------|--------------|--------------|
| 7-938-084 | 8"  | 4          | II | 4.33      | 4.61    | 1.81   | 0.22    | 2.50   | 1.97   | 3.25   | M10 | 3.25   | 1.27   | 3            | 6.83         |
| 7-938-085 | 8"  | 5          | II | 4.33      | 5.75    | 1.65   | 0.22    | 3.25   | 1.97   | 3.25   | M10 | 4.13   | 1.50   | 6            | 9.92         |
| 7-938-086 | 8"  | 6          | II | 4.33      | 7.13    | 1.57   | 0.22    | 4.19   | 1.97   | 3.25   | M10 | 5.25   | 1.74   | 6            | 14.33        |
| 7-938-105 | 10" | 5          | I  | 5.91      | -       | 2.36   | -       | 3.25   | 2.56   | 4.13   | M12 | 4.13   | 1.50   | 6            | 14.77        |
| 7-938-106 | 10" | 6          | II | 5.91      | 7.13    | 1.97   | 0.30    | 4.19   | 2.56   | 4.13   | M12 | 5.25   | 1.74   | 6            | 17.64        |
| 7-938-108 | 10" | 8          | II | 5.91      | 8.86    | 1.81   | 0.30    | 5.50   | 2.56   | 4.13   | M12 | 6.75   | 2.00   | 6            | 24.25        |
| 7-938-125 | 12" | 5          | I  | 6.89      | -       | 1.30   | -       | 3.25   | 3.11   | 5.25   | M16 | 4.13   | 1.50   | 6            | 3.97         |
| 7-938-126 | 12" | 6          | II | 6.89      | 7.13    | 2.76   | 0.30    | 4.19   | 3.15   | 5.25   | M16 | 5.25   | 1.74   | 6            | 24.69        |
| 7-938-128 | 12" | 8          | II | 6.89      | 8.86    | 2.36   | 0.30    | 5.50   | 3.15   | 5.25   | M16 | 6.75   | 2.00   | 6            | 32.41        |
| 7-938-129 | 12" | 11         | II | 6.89      | 11.73   | 1.97   | 0.30    | 7.75   | 3.15   | 5.25   | M16 | 9.25   | 2.39   | 6            | 42.77        |
| 7-938-166 | 16" | 6          | I  | 7.87      | -       | 1.40   | -       | 4.19   | 3.94   | 6.75   | M16 | 5.25   | 1.74   | 6            | 8.16         |
| 7-938-168 | 16" | 8          | II | 7.87      | 8.86    | 2.76   | 0.41    | 5.50   | 3.94   | 6.75   | M16 | 6.75   | 2.00   | 6            | 36.38        |
| 7-938-169 | 16" | 11         | II | 7.87      | 11.73   | 2.36   | 0.41    | 7.75   | 3.94   | 6.75   | M16 | 9.25   | 2.39   | 6            | 52.47        |
| 7-938-175 | 16" | 15         | II | 7.87      | 15.87   | 2.07   | 0.41    | 11.25  | 3.94   | 6.75   | M16 | 13.00  | 2.74   | 6            | 18.52        |
| 7-938-206 | 20" | 6          | I  | 10.63     | -       | 1.40   | -       | 4.19   | 4.06   | 9.25   | M20 | 5.25   | 1.74   | 6            | 29.76        |
| 7-938-208 | 20" | 8          | I  | 10.63     | -       | 1.50   | -       | 5.50   | 5.36   | 9.25   | M20 | 6.75   | 2.00   | 6            | 28.66        |
| 7-938-209 | 20" | 11         | II | 10.63     | 11.73   | 1.77   | 0.49    | 7.75   | 7.59   | 9.25   | M20 | 9.25   | 2.39   | 6            | 31.53        |
| 7-938-215 | 20" | 15         | II | 10.63     | 15.87   | 2.07   | 0.49    | 11.25  | 4.92   | 9.25   | M20 | 13.00  | 2.74   | 6            | 34.83        |
| 7-938-258 | 25" | 8          | I  | 10.63     | -       | 1.50   | -       | 5.50   | 5.35   | 9.25   | M20 | 6.75   | 2.00   | 6            | 34.83        |
| 7-938-259 | 25" | 11         | II | 10.63     | 11.73   | 1.97   | 0.49    | 7.75   | 6.30   | 9.25   | M20 | 9.25   | 2.39   | 6            | 87.08        |
| 7-938-265 | 25" | 15         | II | 10.63     | 15.87   | 2.40   | 0.49    | 11.25  | 6.30   | 9.25   | M20 | 13.00  | 2.74   | 6            | 86.20        |



FULLY-FINISHED ADAPTER PLATES FOR  
4306, 4307, 32\*\*, 35\*\*, 36\*\*, 37\*\*, 38\*\*

8247-1  
TYPE D

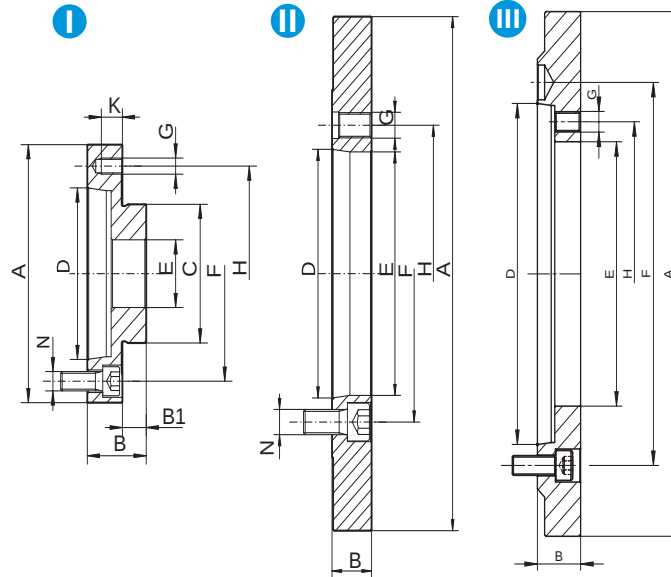


W - Chuck diameter Z - adapter form

| Code No.  | W*       | Taper Size | Z* | A h6 [in] | A1 [in] | B [in] | B1 [in] | D [in] | E [in] | F [in] | G      | H [in] | N [in] | No. of studs | Weight [lbs] |
|-----------|----------|------------|----|-----------|---------|--------|---------|--------|--------|--------|--------|--------|--------|--------------|--------------|
| 7-938-328 | 32"      | 8          | I  | 14.96     | -       | 1.57   | -       | 5.50   | 5.36   | 13.00  | 12xM24 | 6.75   | 2.00   | 6            | 67.24        |
| 7-938-329 | 32"      | 11         | I  | 14.96     | -       | 1.77   | -       | 7.75   | 7.59   | 13.00  | 12xM24 | 9.25   | 2.39   | 6            | 58.20        |
| 7-938-335 | 32"      | 15         | II | 14.96     | 15.87   | 1.89   | 0.51    | 11.25  | 11.08  | 13.00  | 12xM24 | 13.00  | 2.74   | 6            | 48.94        |
| 7-938-338 | 32"      | 8          | I  | 17.72     | -       | 1.57   | -       | 5.50   | 5.36   | 14.50  | 12xM24 | 6.75   | 2.00   | 6            | 108.03       |
| 7-938-339 | 32"      | 11         | I  | 17.72     | -       | 1.67   | -       | 7.75   | 7.59   | 14.50  | 12xM24 | 9.25   | 2.39   | 6            | 94.80        |
| 7-938-345 | 32"      | 15         | I  | 17.72     | -       | 1.91   | -       | 11.25  | 11.08  | 14.50  | 12xM24 | 13.00  | 2.74   | 6            | 81.57        |
| 7-938-409 | 40"; 49" | 11         | I  | 20.47     | -       | 1.77   | -       | 7.75   | 7.59   | 18.25  | 12xM24 | 9.25   | 2.39   | 6            | 130.29       |
| 7-938-415 | 40"; 49" | 15         | I  | 20.47     | -       | 1.97   | -       | 11.25  | 11.08  | 18.25  | 12xM24 | 13.00  | 2.74   | 6            | 124.78       |
| 7-938-420 | 40"; 49" | 20         | II | 20.47     | 21.50   | 2.17   | -       | 16.25  | 16.06  | 18.25  | 12xM24 | 18.25  | 3.25   | 6            | 92.81        |
| 7-938-499 | 49"      | 11         | I  | 28.35     | -       | 1.97   | -       | 7.75   | 7.59   | 25.50  | 12xM30 | 9.25   | 2.39   | 6            | 313.06       |
| 7-938-505 | 49"      | 15         | I  | 28.35     | -       | 1.97   | -       | 11.25  | 11.08  | 25.50  | 12xM30 | 13.00  | 2.74   | 6            | 288.36       |
| 7-938-492 | 49"      | 20         | I  | 28.35     | -       | 2.03   | -       | 16.25  | 16.06  | 25.50  | 12xM30 | 18.25  | 3.25   | 6            | 245.37       |

## FULLY MACHINED ADAPTER PLATES FOR SET-TRU CHUCKS

8215  
TYPE A



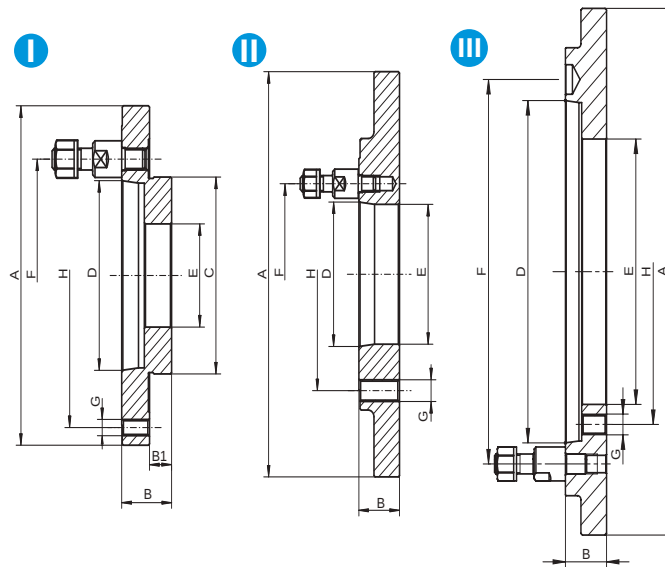
W - Chuck diameter    Z - adapter form    N - according to ASA B5.9-1960

| Code No.  | W*  | Taper Size | Z*  | A [in] | B [in] | B1 [in] | C [in] | D [in] | E [in] | F [in] | G      | H [in] | K [in] | Weight [lbs] |
|-----------|-----|------------|-----|--------|--------|---------|--------|--------|--------|--------|--------|--------|--------|--------------|
| 7-874-043 | 4"  | 3          | I   | 3.94   | 1.57   | 0.47    | 1.77   | 2.13   | 0.79   | 2.78   | M8     | 3.27   | 0.55   | 3.53         |
| 7-874-044 | 4"  | 4          | I   | 4.13   | 1.57   | 0.47    | 1.77   | 2.50   | 0.79   | 3.25   | M8     | 3.27   | 0.55   | 3.31         |
| 7-874-054 | 5"  | 4          | I   | 4.92   | 1.42   | 0.55    | 2.17   | 2.50   | 1.38   | 3.25   | M8     | 4.25   | 0.87   | 4.85         |
| 7-874-055 | 5"  | 5          | I   | 4.92   | 1.42   | 0.55    | 2.17   | 3.25   | 1.38   | 4.13   | M8     | 4.25   | 0.87   | 4.19         |
| 7-874-063 | 6"  | 3          | I   | 6.30   | 1.77   | 0.63    | 3.39   | 2.13   | 1.65   | 2.78   | M10    | 5.51   | 0.79   | 9.70         |
| 7-874-064 | 6"  | 4          | I   | 6.30   | 1.77   | 0.63    | 3.39   | 2.50   | 1.65   | 3.25   | M10    | 5.51   | 1.14   | 9.70         |
| 7-874-065 | 6"  | 5          | I   | 6.30   | 1.46   | 0.63    | 3.39   | 3.25   | 1.65   | 4.13   | M10    | 5.51   | 0.83   | 6.83         |
| 7-874-066 | 6"  | 6          | I   | 6.30   | 1.65   | 0.63    | 3.39   | 4.19   | 1.65   | 5.25   | M10    | 5.51   | 1.02   | 7.28         |
| 7-874-084 | 8"  | 4          | I   | 7.87   | 1.30   | 0.67    | 4.33   | 2.50   | 2.17   | 3.25   | M10    | 6.93   | 0.63   | 9.70         |
| 7-874-085 | 8"  | 5          | I   | 7.87   | 1.30   | 0.67    | 4.33   | 3.25   | 2.17   | 4.13   | M10    | 6.93   | 0.63   | 9.26         |
| 7-874-086 | 8"  | 6          | I   | 7.87   | 1.77   | 0.67    | 4.33   | 4.19   | 2.17   | 5.25   | M10    | 6.93   | 1.10   | 13.67        |
| 7-874-105 | 10" | 5          | I   | 9.84   | 1.50   | 0.75    | 5.71   | 3.25   | 2.99   | 4.13   | M12    | 8.82   | 0.75   | 17.20        |
| 7-874-106 | 10" | 6          | I   | 9.84   | 1.50   | 0.75    | 5.71   | 4.19   | 2.99   | 5.25   | M12    | 8.82   | 0.75   | 17.42        |
| 7-874-108 | 10" | 8          | I   | 9.84   | 1.81   | 0.75    | 5.71   | 5.50   | 2.99   | 6.75   | M12    | 8.82   | 1.02   | 20.28        |
| 7-874-126 | 12" | 6          | I   | 12.40  | 1.50   | 0.75    | 7.09   | 4.19   | 4.06   | 5.25   | M16    | 11.26  | 0.75   | 27.12        |
| 7-874-128 | 12" | 8          | I   | 12.40  | 1.81   | 0.75    | 7.09   | 5.50   | 4.06   | 6.75   | M16    | 11.26  | 1.06   | 35.27        |
| 7-874-129 | 12" | 11         | I   | 12.40  | 2.17   | 0.75    | 7.09   | 7.75   | 4.06   | 9.25   | M16    | 11.26  | 1.42   | 41.23        |
| 7-874-166 | 16" | 6          | II  | 11.75  | 1.38   | -       | 11.75  | 4.19   | 5.35   | 5.25   | 5/8-11 | 6.75   | 1.38   | 31.53        |
| 7-874-168 | 16" | 8          | II  | 11.75  | 1.46   | -       | 11.75  | 5.50   | 5.35   | 6.75   | 5/8-11 | 6.75   | 1.14   | 28.22        |
| 7-874-169 | 16" | 11         | II  | 11.75  | 1.89   | -       | 11.75  | 7.75   | 5.35   | 9.25   | 5/8-11 | 6.75   | 1.06   | 35.71        |
| 7-874-208 | 20" | 8          | II  | 16.02  | 1.42   | -       | 16.02  | 5.50   | 5.35   | 6.75   | 3/4-10 | 9.25   | 1.42   | 69.45        |
| 7-874-209 | 20" | 11         | II  | 16.02  | 1.42   | -       | 16.02  | 7.75   | 7.59   | 9.25   | 3/4-10 | 9.25   | 1.42   | 60.85        |
| 7-874-215 | 20" | 15         | II  | 16.02  | 2.05   | -       | 16.02  | 11.25  | 7.48   | 13.00  | 3/4-10 | 9.25   | 2.05   | 76.28        |
| 7-874-258 | 25" | 8          | II  | 16.02  | 1.42   | -       | 16.02  | 5.50   | 5.35   | 6.75   | 3/4-10 | 13.00  | 1.42   | 69.45        |
| 7-874-259 | 25" | 11         | II  | 16.02  | 1.42   | -       | 16.02  | 7.75   | 7.59   | 9.25   | 3/4-10 | 13.00  | 1.42   | 60.85        |
| 7-874-260 | 25" | 15         | II  | 16.02  | 2.05   | -       | 16.02  | 11.25  | 9.92   | 13.00  | 3/4-10 | 13.00  | 2.05   | 65.26        |
| 7-874-322 | 32" | 11         | II  | 25.00  | 1.57   | -       | 25.00  | 7.75   | 7.59   | 9.25   | M24    | 14.50  | 1.57   | 190.70       |
| 7-874-325 | 32" | 15         | II  | 25.00  | 1.81   | -       | 25.00  | 11.25  | 11.06  | 13.00  | M24    | 14.50  | 1.77   | 166.23       |
| 7-874-329 | 32" | 20         | III | 25.00  | 2.36   | -       | 25.00  | 16.25  | 12.60  | 18.25  | M24    | 14.50  | 1.22   | 181.66       |
| 7-874-415 | 40" | 15         | II  | 25.00  | 1.77   | -       | 25.00  | 11.25  | 11.06  | 13.00  | M24    | 18.25  | 1.77   | 164.69       |
| 7-874-420 | 40" | 20         | II  | 25.00  | 1.77   | -       | 25.00  | 16.25  | 16.06  | 18.25  | M24    | 18.25  | 1.77   | 130.51       |
| 7-874-495 | 49" | 15         | II  | 28.35  | 1.97   | -       | 28.35  | 11.25  | 11.06  | 13.00  | M30    | 25.50  | 1.97   | 264.55       |
| 7-874-492 | 49" | 20         | II  | 28.35  | 1.97   | -       | 28.35  | 16.25  | 16.06  | 18.25  | M30    | 25.50  | 1.97   | 205.03       |



### FULLY MACHINED ADAPTER PLATES FOR SET-TRU CHUCKS

8235  
TYPE C



W - Chuck diameter      Z - adapter form

| Code No.  | W*  | Taper Size | Z*  | A [in] | B [in] | B1 [in] | C [in] | D [in] | E [in] | F [in] | G      | H [in] | Weight [lbs] |
|-----------|-----|------------|-----|--------|--------|---------|--------|--------|--------|--------|--------|--------|--------------|
| 7-920-043 | 4"  | 3          | I   | 3.94   | 1.22   | 0.47    | 1.77   | 2.13   | 0.79   | 2.95   | M8     | 3.27   | 2.87         |
| 7-920-044 | 4"  | 4          | I   | 4.13   | 1.22   | 0.47    | 1.77   | 2.50   | 0.79   | 3.35   | M8     | 3.27   | 2.65         |
| 7-920-053 | 5"  | 3          | I   | 4.92   | 1.30   | 0.55    | 2.17   | 2.13   | 1.38   | 2.95   | M8     | 4.25   | 3.97         |
| 7-920-054 | 5"  | 4          | I   | 4.92   | 1.30   | 0.55    | 2.17   | 2.50   | 1.38   | 3.35   | M8     | 4.25   | 3.75         |
| 7-920-055 | 5"  | 5          | I   | 5.12   | 1.38   | 0.55    | 2.17   | 3.25   | 1.38   | 4.13   | M8     | 4.25   | 3.97         |
| 7-920-063 | 6"  | 3          | I   | 6.30   | 1.26   | 0.63    | 3.39   | 2.13   | 1.65   | 2.95   | M10    | 5.51   | 6.17         |
| 7-920-064 | 6"  | 4          | I   | 6.30   | 1.26   | 0.63    | 3.39   | 2.50   | 1.65   | 3.35   | M10    | 5.51   | 6.17         |
| 7-920-065 | 6"  | 5          | I   | 6.30   | 1.46   | 0.63    | 3.39   | 3.25   | 1.65   | 4.13   | M10    | 5.51   | 6.61         |
| 7-920-084 | 8"  | 4          | I   | 7.87   | 1.30   | 0.67    | 4.33   | 2.50   | 2.17   | 3.35   | M10    | 6.93   | 8.82         |
| 7-920-085 | 8"  | 5          | I   | 7.87   | 1.30   | 0.67    | 4.33   | 3.25   | 2.17   | 4.13   | M10    | 6.93   | 9.70         |
| 7-920-086 | 8"  | 6          | I   | 7.87   | 1.57   | 0.67    | 4.33   | 4.19   | 2.17   | 5.25   | M10    | 6.93   | 11.68        |
| 7-920-105 | 10" | 5          | I   | 9.84   | 1.50   | 0.75    | 5.71   | 3.25   | 2.99   | 4.13   | M12    | 8.82   | 18.52        |
| 7-920-106 | 10" | 6          | I   | 9.84   | 1.50   | 0.75    | 5.71   | 4.19   | 2.99   | 5.25   | M12    | 8.82   | 17.42        |
| 7-920-108 | 10" | 8          | I   | 9.84   | 1.69   | 0.75    | 5.71   | 5.50   | 2.99   | 6.75   | M12    | 8.82   | 22.71        |
| 7-920-126 | 12" | 6          | I   | 12.40  | 1.69   | 0.75    | 7.09   | 4.19   | 4.06   | 5.25   | M16    | 11.26  | 28.44        |
| 7-920-128 | 12" | 8          | I   | 12.40  | 1.69   | 0.75    | 7.09   | 5.50   | 4.06   | 6.75   | M16    | 11.26  | 33.07        |
| 7-920-129 | 12" | 11         | I   | 12.40  | 1.97   | 0.75    | 7.09   | 7.75   | 4.06   | 9.25   | M16    | 11.26  | 39.46        |
| 7-920-166 | 16" | 6          | II  | 11.75  | 1.38   | -       | 11.75  | 4.19   | 4.06   | 5.25   | 5/8-11 | 6.75   | 28.22        |
| 7-920-168 | 16" | 8          | II  | 11.75  | 1.46   | -       | 11.75  | 5.50   | 5.35   | 6.75   | 5/8-11 | 6.75   | 33.07        |
| 7-920-169 | 16" | 11         | II  | 11.75  | 1.46   | -       | 11.75  | 7.75   | 4.72   | 9.25   | 5/8-11 | 6.75   | 37.48        |
| 7-920-208 | 20" | 8          | II  | 16.02  | 1.42   | -       | 16.02  | 5.50   | 5.35   | 6.75   | 3/4-10 | 9.25   | 69.45        |
| 7-920-209 | 20" | 11         | II  | 16.02  | 1.42   | -       | 16.02  | 7.75   | 7.59   | 9.25   | 3/4-10 | 9.25   | 65.26        |
| 7-920-215 | 20" | 15         | II  | 16.02  | 2.05   | -       | 16.02  | 11.25  | 7.48   | 9.25   | 3/4-10 | 9.25   | 85.98        |
| 7-920-258 | 25" | 8          | II  | 16.02  | 1.42   | -       | 16.02  | 5.50   | 5.35   | 6.75   | 3/4-10 | 13.00  | 69.45        |
| 7-920-259 | 25" | 11         | II  | 16.02  | 1.42   | -       | 16.02  | 7.75   | 7.59   | 13.00  | 3/4-10 | 13.00  | 65.26        |
| 7-920-265 | 25" | 15         | II  | 16.02  | 2.05   | -       | 16.02  | 11.25  | 9.92   | 13.00  | 3/4-10 | 13.00  | 74.96        |
| 7-920-329 | 32" | 11         | II  | 25.00  | 1.42   | -       | 25.00  | 7.75   | 7.59   | 9.25   | M24    | 14.50  | 163.58       |
| 7-920-335 | 32" | 15         | II  | 25.00  | 1.57   | -       | 25.00  | 11.25  | 11.06  | 13.00  | M24    | 14.50  | 163.14       |
| 7-920-322 | 32" | 20         | III | 25.00  | 2.28   | -       | 25.00  | 16.25  | 12.60  | 18.25  | M24    | 14.50  | 176.59       |
| 7-920-415 | 40" | 15         | II  | 25.00  | 1.57   | -       | 25.00  | 11.25  | 11.06  | 13.00  | M24    | 18.25  | 163.58       |
| 7-920-420 | 40" | 20         | II  | 25.00  | 1.57   | -       | 25.00  | 16.25  | 16.06  | 18.25  | M24    | 18.25  | 121.25       |
| 7-920-495 | 49" | 15         | II  | 28.35  | 1.97   | -       | 28.35  | 11.25  | 11.06  | 13.00  | M30    | 25.50  | 264.55       |
| 7-920-492 | 49" | 20         | II  | 28.35  | 1.97   | -       | 28.35  | 16.25  | 16.06  | 18.25  | M30    | 25.50  | 218.26       |

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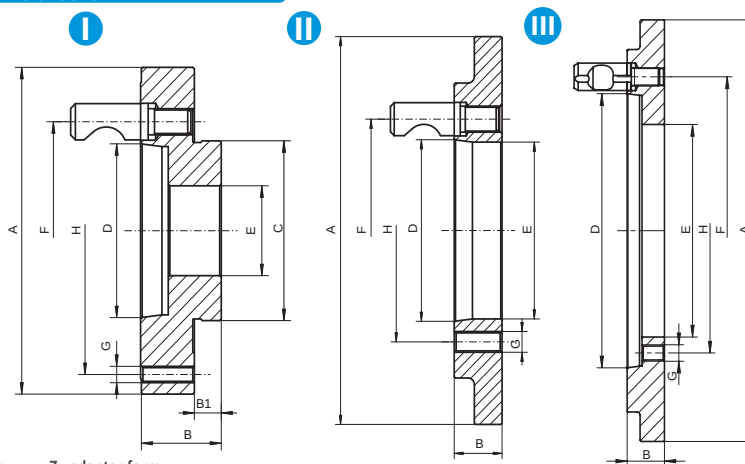
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## FULLY MACHINED ADAPTER PLATES FOR SET-TRU CHUCKS

8245  
TYPE D


W - Chuck diameter

Z - adapter form



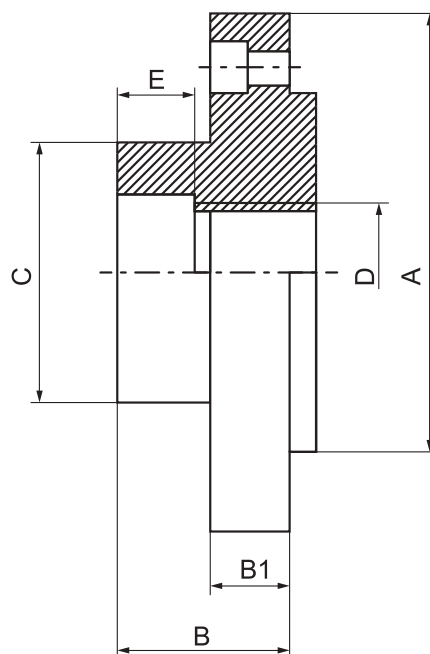
| Code No.  | W*  | Taper Size | Z*  | A [in] | B [in] | B1 [in] | C [in] | D [in] | E [in] | F [in] | G      | H [in] | Weight [lbs] |
|-----------|-----|------------|-----|--------|--------|---------|--------|--------|--------|--------|--------|--------|--------------|
| 7-875-043 | 4"  | 3          | I   | 3.94   | 1.50   | 0.47    | 1.77   | 2.13   | 0.79   | 2.78   | M8     | 3.27   | 3.31         |
| 7-875-044 | 4"  | 4          | I   | 4.25   | 1.57   | 0.47    | 1.77   | 2.50   | 0.79   | 3.25   | M8     | 3.27   | 3.97         |
| 7-875-053 | 5"  | 3          | I   | 4.92   | 1.57   | 0.55    | 2.17   | 2.13   | 1.38   | 2.78   | M8     | 4.25   | 5.95         |
| 7-875-054 | 5"  | 4          | I   | 4.92   | 1.54   | 0.55    | 2.17   | 2.50   | 1.38   | 3.25   | M8     | 4.25   | 5.73         |
| 7-875-055 | 5"  | 5          | I   | 5.31   | 1.73   | 0.55    | 2.17   | 3.25   | 1.38   | 4.13   | M8     | 4.25   | 6.83         |
| 7-875-056 | 5"  | 6          | I   | 7.12   | 1.89   | 0.55    | 2.17   | 4.19   | 1.38   | 5.25   | M8     | 4.25   | 13.06        |
| 7-875-058 | 5"  | 8          | I   | 8.86   | 2.09   | 0.55    | 2.17   | 5.50   | 1.38   | 6.75   | M8     | 4.25   | 15.00        |
| 7-875-063 | 6"  | 3          | I   | 6.30   | 1.81   | 0.63    | 3.39   | 2.13   | 1.65   | 2.78   | M10    | 5.51   | 10.80        |
| 7-875-064 | 6"  | 4          | I   | 6.30   | 1.81   | 0.63    | 3.39   | 2.50   | 1.65   | 3.25   | M10    | 5.51   | 9.92         |
| 7-875-065 | 6"  | 5          | I   | 6.30   | 1.81   | 0.63    | 3.39   | 3.25   | 1.65   | 4.13   | M10    | 5.51   | 9.92         |
| 7-875-066 | 6"  | 6          | I   | 6.69   | 2.01   | 0.63    | 3.39   | 4.19   | 1.65   | 5.25   | M10    | 5.51   | 13.01        |
| 7-875-083 | 8"  | 3          | I   | 7.87   | 1.30   | 0.67    | 4.33   | 2.13   | 2.02   | 2.78   | M10    | 6.93   | 10.36        |
| 7-875-084 | 8"  | 4          | I   | 7.87   | 1.30   | 0.67    | 4.33   | 2.50   | 2.17   | 3.25   | M10    | 6.93   | 10.36        |
| 7-875-085 | 8"  | 5          | I   | 7.87   | 1.85   | 0.67    | 4.33   | 3.25   | 2.17   | 4.13   | M10    | 6.93   | 15.87        |
| 7-875-086 | 8"  | 6          | I   | 7.87   | 2.01   | 0.67    | 4.33   | 4.19   | 2.17   | 5.25   | M10    | 6.93   | 17.64        |
| 7-875-104 | 10" | 4          | I   | 9.84   | 1.50   | 0.75    | 5.71   | 2.50   | 2.38   | 3.25   | M12    | 8.82   | 18.96        |
| 7-875-105 | 10" | 5          | I   | 9.84   | 1.50   | 0.75    | 5.71   | 3.25   | 2.99   | 4.13   | M12    | 8.82   | 17.64        |
| 7-875-106 | 10" | 6          | I   | 9.84   | 2.09   | 0.75    | 5.71   | 4.19   | 2.99   | 5.25   | M12    | 8.82   | 28.44        |
| 7-875-108 | 10" | 8          | I   | 9.84   | 2.36   | 0.75    | 5.71   | 5.50   | 2.99   | 6.75   | M12    | 8.82   | 32.41        |
| 7-875-126 | 12" | 6          | I   | 12.40  | 1.50   | 0.75    | 7.09   | 4.19   | 4.06   | 5.25   | M16    | 11.26  | 28.44        |
| 7-875-128 | 12" | 8          | I   | 12.40  | 2.24   | 0.75    | 7.09   | 5.50   | 4.06   | 6.75   | M16    | 11.26  | 47.84        |
| 7-875-129 | 12" | 11         | I   | 12.40  | 2.52   | 0.75    | 7.09   | 7.75   | 4.06   | 9.25   | M16    | 11.26  | 52.91        |
| 7-875-166 | 16" | 6          | II  | 11.75  | 1.38   | -       | 7.20   | 4.19   | 4.06   | 5.25   | 5/8-11 | 6.75   | 25.79        |
| 7-875-168 | 16" | 8          | II  | 11.75  | 1.50   | -       | 8.94   | 5.50   | 5.36   | 6.75   | 5/8-11 | 6.75   | 26.23        |
| 7-875-169 | 16" | 11         | II  | 11.75  | 1.89   | -       | 11.69  | 7.75   | 5.35   | 9.25   | 5/8-11 | 6.75   | 38.58        |
| 7-875-208 | 20" | 8          | II  | 16.02  | 1.50   | -       | 16.02  | 5.50   | 5.35   | 6.75   | 3/4-10 | 9.25   | 73.85        |
| 7-875-209 | 20" | 11         | II  | 16.02  | 1.73   | -       | 16.02  | 7.75   | 7.59   | 9.25   | 3/4-10 | 9.25   | 77.82        |
| 7-875-215 | 20" | 15         | II  | 16.02  | 2.05   | -       | 16.02  | 11.25  | 7.48   | 13.00  | 3/4-10 | 9.25   | 83.33        |
| 7-875-258 | 25" | 8          | II  | 16.02  | 1.50   | -       | 16.02  | 5.50   | 5.35   | 6.75   | 3/4-10 | 13.00  | 73.85        |
| 7-875-259 | 25" | 11         | II  | 16.02  | 1.73   | -       | 16.02  | 7.75   | 7.59   | 9.25   | 3/4-10 | 13.00  | 77.82        |
| 7-875-265 | 25" | 15         | II  | 16.02  | 2.05   | -       | 16.02  | 11.25  | 9.92   | 13.00  | 3/4-10 | 13.00  | 72.31        |
| 7-875-329 | 32" | 11         | II  | 25.00  | 1.73   | -       | 25.00  | 7.75   | 7.59   | 9.25   | 12xM24 | 14.50  | 172.40       |
| 7-875-335 | 32" | 15         | II  | 25.00  | 1.91   | -       | 25.00  | 11.25  | 11.06  | 13.00  | 12xM24 | 14.50  | 167.55       |
| 7-875-332 | 32" | 20         | III | 25.00  | 2.28   | -       | 25.00  | 16.25  | 12.60  | 18.25  | 12xM24 | 14.50  | 177.91       |
| 7-875-415 | 40" | 15         | II  | 25.00  | 1.91   | -       | 25.00  | 11.25  | 11.06  | 13.00  | 12xM24 | 18.25  | 167.55       |
| 7-875-420 | 40" | 20         | II  | 25.00  | 2.05   | -       | 25.00  | 16.25  | 16.06  | 18.25  | 12xM24 | 18.25  | 118.61       |
| 7-875-495 | 49" | 15         | II  | 28.35  | 2.05   | -       | 28.35  | 11.25  | 11.06  | 13.00  | 12xM30 | 25.50  | 268.96       |
| 7-875-492 | 49" | 20         | II  | 28.35  | 2.05   | -       | 28.35  | 16.25  | 16.06  | 18.25  | 12xM24 | 25.50  | 222.67       |



### FULLY MACHINED THREADED ADAPTER PLATES

8204

- Adapters require machining on the pilot on the chuck side



W - Chuck diameter

| Code No.  | W* | Thread D    | A<br>[in] | B<br>[in] | B1<br>[in] | C<br>[in] | E<br>[in] | Weight<br>[lbs] |
|-----------|----|-------------|-----------|-----------|------------|-----------|-----------|-----------------|
| 7-922-043 | 4" | 1 - 10      | 3.94      | 1.50      | 0.55       | 1.97      | 0.50      | 5               |
| 7-922-045 | 4" | 1-1/8 - 12W | 3.94      | 1.50      | 0.55       | 1.97      | 0.56      | 5               |
| 7-922-046 | 4" | 1-1/2 - 8   | 3.94      | 1.50      | 0.55       | 2.36      | 0.50      | 5               |
| 7-922-051 | 5" | M39 x 4     | 4.92      | 2.00      | 0.75       | 3.00      | 0.63      | 11              |
| 7-922-053 | 5" | 2-3/16 - 10 | 4.92      | 1.61      | 0.69       | 3.11      | 0.63      | 11              |
| 7-922-063 | 6" | 2-3/16 - 10 | 6.30      | 1.61      | 0.77       | 3.11      | 0.63      | 13              |

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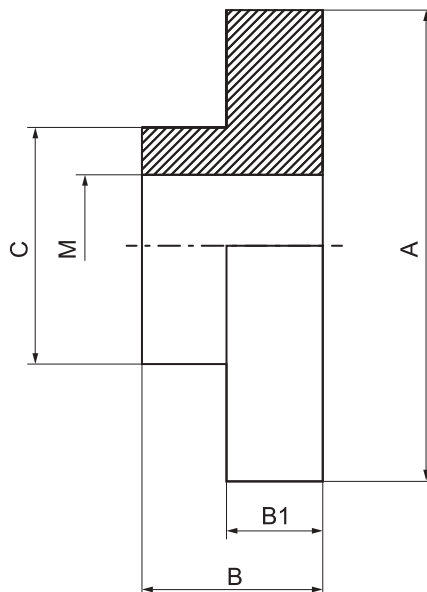
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## ROUGH FINISHED THREADED ADAPTER PLATES

8205



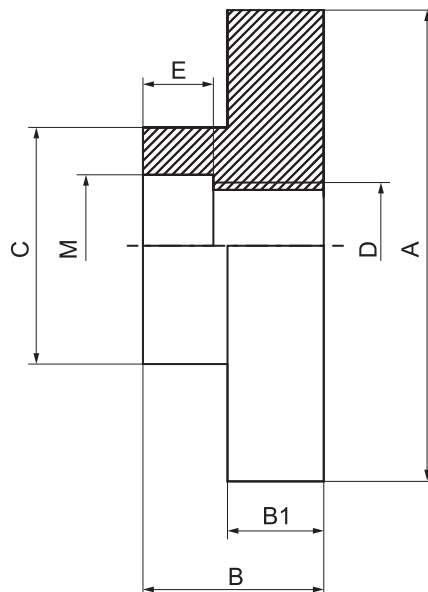
W - Chuck diameter

| Code No.  | W*         | A<br>[in] | B<br>[in] | B1<br>[in] | C<br>[in] | M<br>[in] | Weight<br>[lbs] |
|-----------|------------|-----------|-----------|------------|-----------|-----------|-----------------|
| 7-870-105 | 3", 4", 5" | 5.20      | 2.20      | 0.98       | 3.46      | 0.71      | 4.4             |
| 7-870-106 | 6"         | 6.69      | 2.20      | 0.98       | 3.46      | 0.98      | 12              |
| 7-870-108 | 8"         | 8.27      | 2.83      | 1.18       | 4.02      | 0.98      | 22              |
| 7-870-110 | 10"        | 10.24     | 3.54      | 1.26       | 4.53      | 1.57      | 34              |
| 7-870-112 | 12"        | 12.28     | 4.02      | 1.26       | 6.77      | 1.97      | 66              |
| 7-870-116 | 16"        | 16.34     | 4.92      | 2.17       | 9.06      | 2.76      | 154             |



### SEMI-FINISHED THREADED ADAPTER PLATES

8206



W - Chuck diameter

| Code No.  | W*  | Thread<br>D | A<br>[in] | B<br>[in] | B1<br>[in] | C<br>[in] | E<br>[in] | M<br>[in] | Weight<br>[lbs] |
|-----------|-----|-------------|-----------|-----------|------------|-----------|-----------|-----------|-----------------|
| 7-871-041 | 4"  | 1-10        | 4.09      | 1.54      | 0.71       | 2.17      | 0.50      | 1.02      | 8               |
| 7-871-042 | 4"  | 1-1/2-8     | 4.09      | 1.54      | 0.71       | 2.68      | 0.50      | 1.52      | 8               |
| 7-871-051 | 5"  | 1-10        | 5.08      | 1.54      | 0.71       | 2.17      | 0.50      | 1.02      | 10              |
| 7-871-052 | 5"  | 1-1/2-8     | 5.08      | 1.54      | 0.71       | 2.68      | 0.50      | 1.52      | 10              |
| 7-871-062 | 6"  | 1-1/2-8     | 6.54      | 1.54      | 0.79       | 3.19      | 0.50      | 1.52      | 12              |
| 7-871-063 | 6"  | 2-1/4-8     | 6.54      | 1.79      | 0.79       | 3.19      | 0.63      | 2.26      | 12              |
| 7-871-082 | 8"  | 1-1/2-8     | 8.11      | 1.54      | 0.87       | 3.58      | 0.50      | 1.52      | 12              |
| 7-871-083 | 8"  | 2-1/4-8     | 8.11      | 1.79      | 0.87       | 3.58      | 0.63      | 2.26      | 13              |
| 7-871-084 | 8"  | 2-3/8-6     | 8.11      | 2.05      | 0.87       | 3.58      | 0.75      | 2.28      | 15              |
| 7-871-103 | 10" | 2-1/4-8     | 10.08     | 1.79      | 0.98       | 4.17      | 0.63      | 2.26      | 22              |
| 7-871-104 | 10" | 2-3/8-6     | 10.08     | 2.05      | 0.98       | 4.17      | 0.75      | 2.28      | 25              |
| 7-871-124 | 12" | 2-3/8-6     | 12.64     | 2.05      | 1.10       | 4.33      | 0.75      | 2.28      | 33              |
| 7-871-125 | 12" | 2-3/4-8     | 12.64     | 2.05      | 1.10       | 4.33      | 0.75      | 2.76      | 33              |

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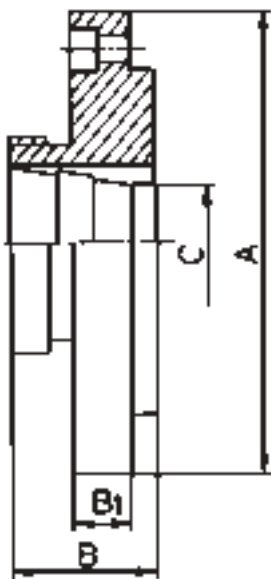
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## FULLY MACHINED L TYPE ADAPTER PLATES

8250

- Adapters require machining on the pilot on the chuck side



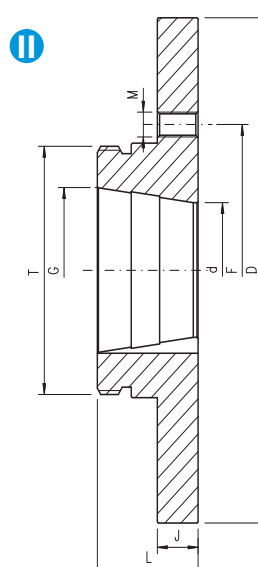
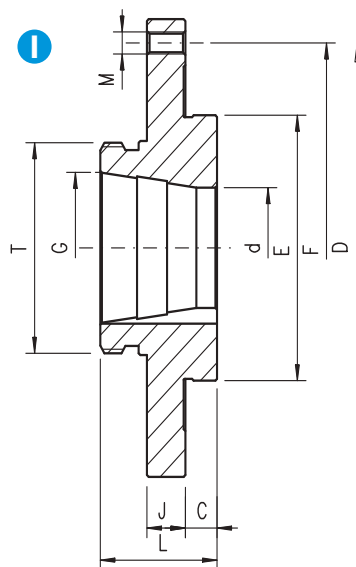
W - Chuck diameter

| Code No.  | W*  | Taper Size | Thread Dia | A<br>[in] | B<br>[in] | B1<br>[in] | C<br>[in] | Weight<br>[lbs] |
|-----------|-----|------------|------------|-----------|-----------|------------|-----------|-----------------|
| 7-879-051 | 5"  | L00        | 3-3/4-6    | 4.92      | 2.13      | 0.71       | 2.20      | 10              |
| 7-879-061 | 6"  | L00        | 3-3/4-6    | 6.34      | 2.13      | 0.71       | 2.20      | 13              |
| 7-879-062 | 6"  | L0         | 4-1/2-6    | 6.34      | 2.52      | 0.71       | 2.60      | 13              |
| 7-879-081 | 8"  | L00        | 3-3/4-6    | 7.91      | 2.13      | 0.71       | 2.20      | 22              |
| 7-879-082 | 8"  | L0         | 4-1/2-6    | 7.91      | 2.52      | 0.71       | 2.60      | 22              |
| 7-879-083 | 8"  | L1         | 6-6        | 7.91      | 2.99      | 0.71       | 3.35      | 22              |
| 7-879-101 | 10" | L00        | 3-3/4-6    | 9.88      | 2.13      | 0.83       | 2.20      | 33              |
| 7-879-102 | 10" | L0         | 4-1/2-6    | 9.88      | 2.52      | 0.83       | 2.60      | 33              |
| 7-879-103 | 10" | L1         | 6-6        | 9.88      | 2.99      | 0.83       | 3.35      | 33              |
| 7-879-104 | 10" | L2         | 7-3/4-5    | 9.88      | 3.50      | 0.83       | 4.29      | 33              |
| 7-879-122 | 12" | L0         | 4-1/2-6    | 12.44     | 2.52      | 1.10       | 2.60      | 39              |
| 7-879-123 | 12" | L1         | 6-6        | 12.44     | 2.91      | 1.10       | 3.35      | 57              |
| 7-879-124 | 12" | L2         | 7-3/4-5    | 12.44     | 3.50      | 1.10       | 4.29      | 57              |
| 7-879-162 | 16" | L0         | 4-1/2-6    | 15.83     | 2.52      | 1.10       | 2.60      | 95              |
| 7-879-163 | 16" | L1         | 6-6        | 15.83     | 2.99      | 1.10       | 3.35      | 95              |
| 7-879-164 | 16" | L2         | 7-3/4-5    | 15.83     | 3.50      | 1.10       | 4.29      | 95              |
| 7-879-165 | 16" | L3         | 10-3/8-4   | 15.83     | 4.02      | 1.10       | 5.43      | 95              |
| 7-879-204 | 20" | L2         | 7-3/4-5    | 19.76     | 3.50      | 1.14       | 4.29      | 159             |
| 7-879-205 | 20" | L3         | 10-3/8-4   | 19.76     | 4.02      | 1.14       | 5.43      | 159             |
| 7-879-254 | 25" | L2         | 7-3/4-5    | 24.80     | 3.78      | 1.38       | 4.29      | 397             |
| 7-879-255 | 25" | L3         | 10-3/8-4   | 24.80     | 4.02      | 1.38       | 5.43      | 397             |



### FULLY MACHINED L TYPE ADAPTER PLATES FOR SET-TRU CHUCKS

8255



W - Chuck diameter Z - adapter form

| Code No.   | W*  | Taper Size | Z* | Thread<br>T-UN33 | C<br>[in] | D<br>[in] | d<br>[in] | E<br>[in] | F<br>[in] | G<br>[in] | J<br>[in] | L<br>[in] | M        | Weight<br>[lbs] |
|------------|-----|------------|----|------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|-----------------|
| 7-879-9051 | 5"  | L00        | I  | 3-3/4 - 6        | 0.55      | 4.92      | 2.20      | 2.17      | 4.25      | 2.750     | -         | 0.55      | M8x1.25  | 7.5             |
| 7-879-9061 | 6"  | L00        | I  | 3-3/4 - 6        | 0.63      | 6.30      | 2.20      | 3.39      | 5.51      | 2.750     | 0.79      | 0.63      | M10x1.5  | 9.0             |
| 7-879-9062 | 6"  | L0         | I  | 4-1/2 - 6        | 0.63      | 6.30      | 2.60      | 3.39      | 5.51      | 3.250     | 0.79      | 0.63      | M10x1.5  | 9.5             |
| 7-879-9081 | 8"  | L00        | I  | 3-3/4 - 6        | 0.67      | 7.87      | 2.20      | 4.33      | 6.93      | 2.750     | 0.79      | 0.67      | M10x1.5  | 15.0            |
| 7-879-9082 | 8"  | L0         | I  | 4-1/2 - 6        | 0.67      | 7.87      | 2.60      | 4.33      | 6.93      | 3.250     | 0.79      | 0.67      | M10x1.5  | 15.4            |
| 7-879-9083 | 8"  | L1         | I  | 6 - 6            | 0.67      | 7.87      | 3.35      | 4.33      | 6.93      | 4.125     | 0.79      | 0.67      | M10x1.5  | 16.5            |
| 7-879-9101 | 10" | L00        | I  | 3-3/4 - 6        | 0.75      | 9.84      | 2.20      | 5.71      | 8.82      | 2.750     | 0.91      | 0.75      | M12x1.75 | 25.0            |
| 7-879-9102 | 10" | L0         | I  | 4-1/2 - 6        | 0.75      | 9.84      | 2.60      | 5.71      | 8.82      | 3.250     | 0.91      | 0.75      | M12x1.75 | 26.1            |
| 7-879-9103 | 10" | L1         | I  | 6 - 6            | 0.75      | 9.84      | 3.35      | 5.71      | 8.82      | 4.125     | 0.91      | 0.75      | M12x1.75 | 37.0            |
| 7-879-9122 | 12" | L0         | I  | 7-3/4 - 5        | 0.75      | 12.40     | 2.60      | 7.09      | 11.26     | 3.250     | 0.91      | 0.75      | M16x2.0  | 37.0            |
| 7-879-9123 | 12" | L1         | I  | 6 - 6            | 0.75      | 12.40     | 3.35      | 7.09      | 11.26     | 4.125     | 0.91      | 0.75      | M16x2.0  | 37.0            |
| 7-879-9124 | 12" | L2         | I  | 7-3/4 - 5        | 0.75      | 12.40     | 4.29      | 7.09      | 11.26     | 5.250     | 0.91      | 0.75      | M16x2.0  | 38.8            |
| 7-879-9163 | 16" | L1         | II | 6 - 6            | -         | 15.75     | 3.35      | -         | 6.75      | 4.125     | 0.87      | -         | 5/8 - 11 | 34.2            |
| 7-879-9164 | 16" | L2         | II | 7-3/4 - 5        | -         | 15.75     | 4.29      | -         | 6.75      | 5.250     | 0.87      | -         | 5/8 - 11 | 45.4            |
| 7-879-9165 | 16" | L3         | II | 10-3/8 - 4       | -         | 15.75     | 5.43      | -         | 6.75      | 6.500     | 0.87      | -         | 5/8 - 11 | 67.2            |
| 7-879-9264 | 20" | L2         | II | 7-3/4 - 5        | -         | 19.69     | 4.29      | -         | 9.25      | 5.250     | 1.18      | -         | 3/4 - 10 | 60.2            |

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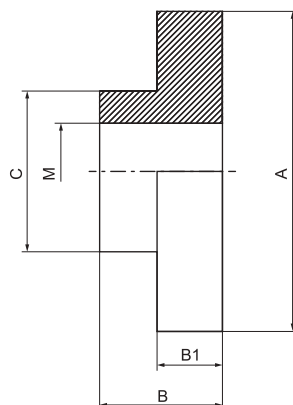
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## ROUGH FINISHED THREADED ADAPTER PLATES

8262

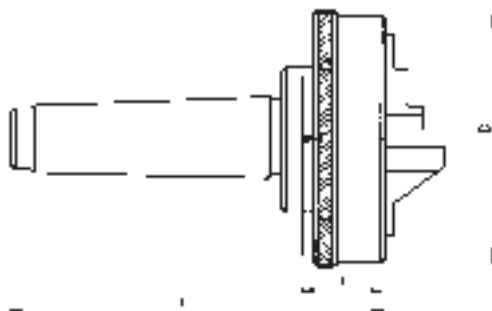


W - Chuck diameter

| Code No.  | W*  | A<br>[in] | B<br>[in] | B1<br>[in] | C<br>[in] | M<br>[in] | Weight<br>[lbs] |
|-----------|-----|-----------|-----------|------------|-----------|-----------|-----------------|
| 7-870-308 | 8"  | 5.12      | 2.56      | 1.38       | 3.74      | 1.18      | 11              |
| 7-870-310 | 10" | 7.09      | 3.35      | 1.97       | 4.72      | 1.57      | 25              |
| 7-870-312 | 12" | 8.66      | 3.74      | 2.36       | 5.51      | 2.17      | 49              |

## FULLY MACHINED MORSE TAPER ADAPTER PLATES FOR QUICK CLAMPING CHUCKS

8283



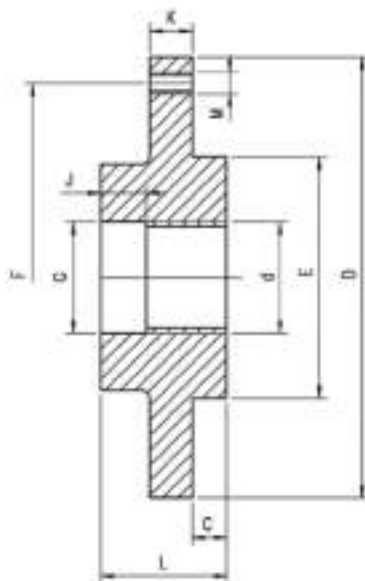
D - Chuck diameter

| Code No.  | D  | Morse Taper | L<br>[in] | H<br>[in] |
|-----------|----|-------------|-----------|-----------|
| 7-913-403 | 4" | 3           | 5.51      | 1.57      |
| 7-913-404 | 4" | 4           | 6.42      | 1.57      |
| 7-913-503 | 5" | 3           | 5.59      | 1.89      |
| 7-913-504 | 5" | 4           | 6.50      | 1.89      |
| 7-913-605 | 6" | 5           | 7.68      | 2.05      |



### FULLY MACHINED THREADED ADAPTER PLATES

8285



D - Chuck diameter

| Code No.  | D* | Thread<br>d          | C<br>[in] | E<br>[in] | F<br>[in] | G<br>[in] | K<br>[in] | L<br>[in] | M         | Number<br>of<br>Bolts | Weight<br>[lbs] |
|-----------|----|----------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------------------|-----------------|
| 7-876-042 | 4" | 1-1/2 - 8 UN-2B      | 0.47      | 1.77      | 3.27      | 1.50      | 0.51      | 1.54      | M8 x 1.25 | 3                     | 5.29            |
| 7-876-052 | 5" | 1-1/2 - 8 UN-2B      | 0.55      | 2.17      | 4.25      | 1.50      | 0.51      | 1.54      | M8 x 1.25 | 3                     | 6.61            |
| 7-876-054 | 5" | 2-3/16 - 10 Hardinge | 0.55      | 2.17      | 4.25      | 2.19      | 0.51      | 2.44      | M10 x 1.5 | 3                     | 7.05            |
| 7-876-056 | 5" | 2-1/4 - 8 UN-2B      | 0.55      | 2.17      | 4.25      | 2.26      | 0.51      | 1.54      | M10 x 1.5 | 3                     | 6.80            |
| 7-876-062 | 6" | 1-1/2 - 8 UN-2B      | 0.63      | 3.39      | 5.51      | 1.50      | 0.59      | 1.50      | M10 x 1.5 | 3                     | 7.05            |
| 7-876-064 | 6" | 2-3/16 - 10 Hardinge | 0.63      | 3.39      | 5.51      | 2.19      | 0.59      | 1.61      | M10 x 1.5 | 3                     | 7.50            |
| 7-876-066 | 6" | 2-1/4 - 8 UN-2B      | 0.63      | 3.39      | 5.51      | 2.26      | 0.59      | 1.75      | M10 x 1.5 | 3                     | 7.94            |
| 7-876-082 | 8" | 1-1/2 - 8 UN-2B      | 0.67      | 4.33      | 6.93      | 1.50      | 0.59      | 1.50      | M10 x 1.5 | 3                     | 9.92            |
| 7-876-083 | 8" | 2-1/4 - 8 UN-2B      | 0.67      | 4.33      | 6.93      | 2.26      | 0.59      | 1.75      | M10 x 1.5 | 3                     | 11.46           |
| 7-876-084 | 8" | 2-3/6 - 6 UN-2B      | 0.67      | 4.33      | 6.93      | 2.38      | 0.59      | 2.01      | M10 x 1.5 | 3                     | 13.89           |

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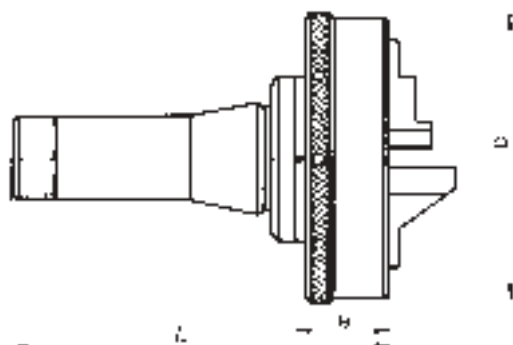
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## FULLY MACHINED SC ADAPTER PLATES FOR QUICK CLAMPING CHUCKS

8287



D - Chuck diameter

| Code No.  | D        | L<br>[in] | H<br>[in] | Thru Hole Diameter<br>[in] |
|-----------|----------|-----------|-----------|----------------------------|
| 7-910-604 | 3"<br>4" | 5.43      | 1.57      | 0.87                       |
| 7-910-605 | 5"       | 5.75      | 1.89      | 0.87                       |
| 7-910-606 | 6"       | 5.83      | 2.05      | 0.87                       |

## FULLY MACHINED SC ADAPTER PLATES FOR SET-TRU CHUCKS

8288



W - Chuck diameter

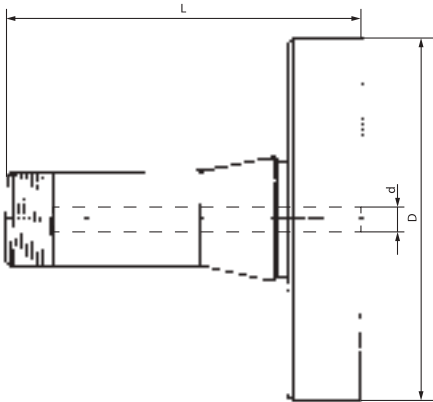
| Code No.  | W  |
|-----------|----|
| 7-912-304 | 4" |
| 7-912-305 | 5" |
| 7-912-306 | 6" |

- 1
- 2
- 3
- 4
- 5



SEMI-FINISHED  
SC ADAPTER PLATES

8289

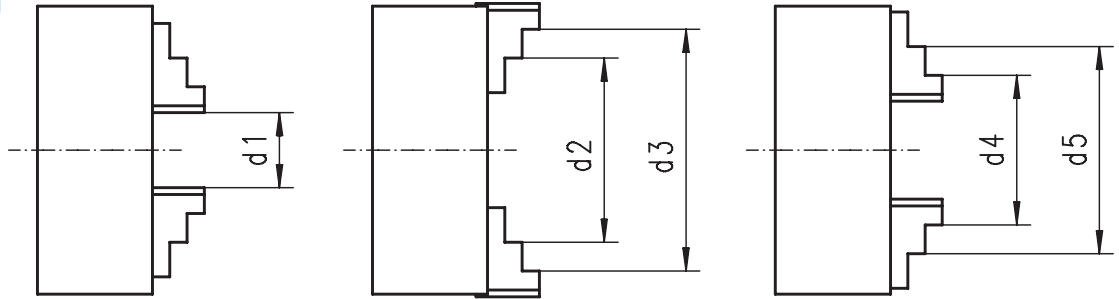


D - Chuck diameter

| Code No.  | D        | Shank | Hole diameter<br>[in] | L<br>[in] | Thread     |
|-----------|----------|-------|-----------------------|-----------|------------|
| 7-909-304 | 3"<br>4" | 5C    | 0.87                  | 4.41      | 1-1/4 - 20 |
| 7-909-305 | 5"<br>6" | 5C    | 0.87                  | 4.41      | 1-1/4 - 20 |

## CLAMPING RANGES

- Do not exceed the maximum allowable clamping ranges!



32\*\*, 35\*\*, 36\*\*, 37\*\*

### 3- and 4-jaw scroll chucks

| Chuck size<br>[in] | Hard solid jaws |             |             |             |             | Hard 2-piece jaws |             |             |             |             | Max. swing<br>diameter |
|--------------------|-----------------|-------------|-------------|-------------|-------------|-------------------|-------------|-------------|-------------|-------------|------------------------|
|                    | d1              | d2          | d3          | d4          | d5          | d1                | d2          | d3          | d4          | d5          |                        |
|                    | [in]            |             |             |             |             |                   |             |             |             |             |                        |
| 3"                 | 0.08 - 1.06     | 0.98 - 1.97 | 1.89 - 2.8  | 0.87 - 1.81 | 1.77 - 2.72 | -                 | -           | -           | -           | -           | 3.54                   |
| 4"                 | 0.12 - 1.3      | 1.26 - 2.44 | 2.44 - 3.66 | 0.98 - 2.2  | 2.2 - 3.43  | -                 | -           | -           | -           | -           | 4.61                   |
| 5"                 | 0.12 - 1.97     | 1.54 - 3.27 | 3.15 - 4.92 | 1.34 - 2.91 | 2.83 - 4.53 | 0.12 - 1.97       | 2.05 - 3.78 | 3.74 - 4.92 | 1.34 - 2.99 | 2.95 - 4.65 | 5.94                   |
| 6"                 | 0.12 - 2.52     | 1.97 - 4.21 | 3.86 - 6.3  | 1.65 - 3.94 | 3.7 - 6.06  | 0.12 - 2.52       | 2.44 - 4.76 | 4.53 - 6.3  | 1.65 - 3.82 | 3.46 - 5.75 | 8.03                   |
| 8"                 | 0.16 - 3.54     | 2.36 - 5.71 | 5.12 - 7.87 | 2.05 - 5.31 | 4.72 - 7.95 | 0.16 - 3.54       | 2.83 - 6.14 | 5.24 - 7.87 | 1.97 - 5.12 | 4.13 - 7.48 | 9.69                   |
| 10"                | 0.2 - 4.6       | 3 - 7.4     | 6.3 - 9.8   | 2.4 - 6.9   | 5.7 - 10.1  | 0.2 - 4.65        | 3.39 - 7.76 | 6.3 - 9.84  | 2.28 - 6.5  | 4.92 - 9.25 | 12.05                  |
| 12"                | 0.4 - 5.2       | 3.5 - 8.5   | 7.5 - 12.4  | 3.1 - 7.9   | 6.8 - 11.8  | 0.39 - 5.16       | 4.06 - 8.9  | 7.48 - 12.4 | 2.56 - 7.17 | 5.7 - 10.4  | 15.12                  |
| 16"                | 0.4 - 7.1       | 4.1 - 10.7  | 9.1 - 15.7  | 3.3 - 9.9   | 8.3 - 15    | 0.4 - 7.1         | 5 - 11.6    | 9.1 - 15.7  | 2.8 - 9     | 6.5 - 13    | 18.58                  |
| 20"                | 0.8 - 9.3       | 5.5 - 14.1  | 10.9 - 19.7 | 4.7 - 13.2  | 9.6 - 18.7  | 0.8 - 9.3         | 4.3 - 15.7  | 7.5 - 19.7  | 4.7 - 16.1  | 7.9 - 19.1  | 23.62                  |
| 25"                | 1.2 - 13.2      | 7.1 - 19.2  | 13.6 - 24.8 | 6.3 - 18.3  | 12.8 - 24.8 | 1.2 - 13.2        | 4.7 - 22.4  | 7.9 - 24.8  | 5.5 - 23.2  | 8.3 - 24.8  | 30.31                  |
| 32"                | 5.9 - 19        | 11.9 - 25   | 18.4 - 31.5 | 11.1 - 24.2 | 17.6 - 30.7 | 5.9 - 19          | 9.4 - 28.5  | 12.4 - 31.5 | 9.9 - 29    | 12.9 - 31.5 | 37.01                  |
| 40"                | -               | -           | -           | -           | -           | 3.9 - 23.6        | 13.8 - 34.6 | 16.9 - 39.4 | 16.7 - 35.4 | 19.7 - 39.4 | 44.88                  |
| 49"                | -               | -           | -           | -           | -           | 18.9 - 39.4       | 23 - 42.9   | 29.1 - 49.2 | 22.8 - 42.1 | 29.5 - 49.2 | 54.72                  |
| 55"                | -               | -           | -           | -           | -           | 18.9 - 45.3       | 23 - 48.8   | 29.5 - 55.1 | 22.8 - 48   | 29.5 - 55.1 | 60.63                  |
| 63"                | -               | -           | -           | -           | -           | 18.9 - 52.4       | 23 - 55.9   | 29.5 - 63   | 22.8 - 55.1 | 29.5 - 63   | 68.50                  |
| 71"                | -               | -           | -           | -           | -           | 18.9 - 60.2       | 23 - 63.8   | 29.5 - 70.9 | 22.8 - 63   | 29.5 - 70.9 | 76.77                  |
| 79"                | -               | -           | -           | -           | -           | 18.9 - 67.9       | 23 - 71.5   | 29.5 - 78.7 | 22.8 - 70.9 | 29.5 - 78.7 | 84.65                  |

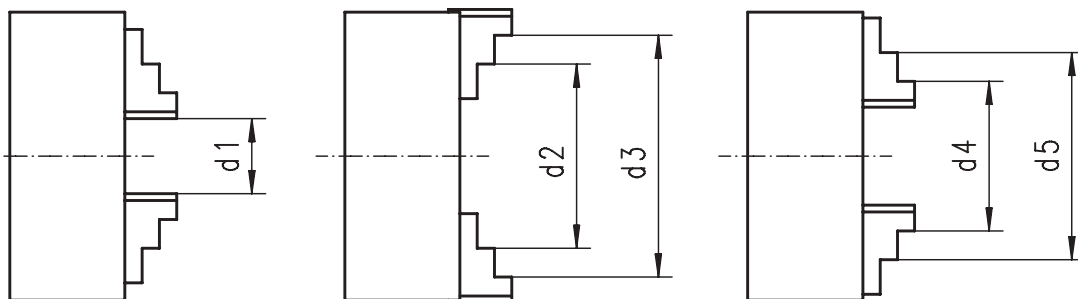
43\*\*

### 4-jaw independent chucks

| Chuck size<br>[in] | d1 min. | d3 max. | Max. swing diameter |
|--------------------|---------|---------|---------------------|
|                    | [in]    |         |                     |
| 3-1/2"             | 0.12    | 3.35    | 3.98                |
| 4"                 | 0.12    | 0.39    | 4.57                |
| 5"                 | 0.31    | 4.92    | 5.91                |
| 6"                 | 0.31    | 6.30    | 7.28                |
| 8"                 | 0.39    | 7.87    | 9.25                |
| 10"                | 0.39    | 9.84    | 11.60               |
| 12"                | 0.59    | 12.40   | 14.50               |
| 13-2/3"            | 0.59    | 13.80   | 15.90               |
| 16"                | 0.79    | 15.70   | 18.30               |
| 20"                | 1.77    | 19.70   | 22.40               |
| 25"                | 1.97    | 24.80   | 28.30               |
| 32"                | 1.97    | 31.50   | 35.40               |
| 40"                | 6.69    | 39.40   | 42.90               |
| 49"                | 6.69    | 49.20   | 52.80               |
| 55"                | 18.50   | 55.10   | 59.60               |
| 63"                | 18.50   | 63.00   | 67.50               |
| 71"                | 18.50   | 70.90   | 75.60               |
| 79"                | 18.50   | 78.70   | 83.50               |

### CLAMPING RANGES

■ Do not exceed the maximum allowable clamping ranges!



3864, 3865

#### ■ 6-jaw scroll chucks

| Chuck size<br>[in] | Hard solid jaws |             |             |             |             | Hard 2-piece jaws |             |             |             |             | Max. swing<br>diameter |
|--------------------|-----------------|-------------|-------------|-------------|-------------|-------------------|-------------|-------------|-------------|-------------|------------------------|
|                    | d1              | d2          | d3          | d4          | d5          | d1                | d2          | d3          | d4          | d5          |                        |
|                    | [in]            |             |             |             |             |                   |             |             |             |             |                        |
| 5"                 | 0.24 - 1.69     | 1.65 - 3.07 | 3.27 - 4.72 | 1.34 - 2.68 | 2.91 - 4.33 | 0.24 - 1.69       | 1.97 - 3.43 | 3.7 - 4.92  | 1.3 - 2.76  | 2.99 - 4.69 | 5.94                   |
| 6"                 | 0.31 - 2.52     | 2.05 - 4.21 | 4.02 - 6.3  | 1.85 - 3.94 | 3.86 - 6.06 | 0.31 - 2.52       | 2.64 - 4.76 | 4.65 - 6.3  | 1.77 - 3.82 | 3.62 - 5.75 | 8.03                   |
| 8"                 | 0.31 - 3.54     | 2.52 - 5.71 | 5.2 - 7.87  | 2.17 - 5.31 | 4.76 - 7.95 | 0.31 - 3.54       | 2.91 - 6.14 | 5.28 - 7.87 | 2.05 - 5.12 | 4.29 - 7.48 | 9.69                   |
| 10"                | 0.47 - 4.65     | 3.23 - 7.4  | 6.5 - 9.84  | 2.68 - 6.85 | 5.9 - 10.1  | 0.47 - 4.65       | 3.23 - 7.4  | 6.46 - 9.84 | 2.68 - 6.85 | 5.9 - 10.1  | 12.05                  |
| 12"                | 0.47 - 5.16     | 3.74 - 8.46 | 7.56 - 12.4 | 3.23 - 7.87 | 7.0 - 11.77 | 0.47 - 5.16       | 4.25 - 8.9  | 6.02 - 12.4 | 2.68 - 7.17 | 5.9 - 10.4  | 15.12                  |
| 16"                | 0.6 - 8         | 5.5 - 12.1  | 9.1 - 15.7  | 3.7 - 11    | 8.4 - 15.7  | 0.6 - 8           | 5.2 - 11.7  | 9.3 - 15.7  | 2.9 - 9.9   | 6.7 - 13.9  | 18.58                  |
| 20"                | 1.2 - 9.3       | 6 - 14.2    | 11.5 - 19.7 | 5.2 - 13.2  | 10.6 - 18.7 | 1.2 - 9.3         | 4.8 - 15.8  | 7.8 - 18.8  | 5.3 - 16.3  | 8.3 - 19.3  | 23.62                  |
| 25"                | 1.6 - 13.2      | 7.6 - 19.2  | 14.1 - 24.8 | 6.9 - 18.4  | 13.4 - 24.8 | 1.6 - 13.2        | 5.2 - 21.9  | 8.3 - 24.8  | 5.9 - 23    | 8.7 - 24.8  | 30.31                  |
| 32"                | -               | -           | -           | -           | -           | 7.1 - 19          | 11.4 - 25.4 | 16.5 - 31.5 | 11.2 - 25   | 17.3 - 31.5 | 37.01                  |
| 40"                | -               | -           | -           | -           | -           | 12.2 - 23.6       | 16.1 - 37.4 | 22.8 - 39.4 | 16.3 - 33.1 | 20.9 - 39.4 | 44.88                  |
| 49"                | -               | -           | -           | -           | -           | 18.9 - 39.4       | 23 - 42.9   | 29.1 - 49.2 | 22.8 - 42.1 | 30.3 - 49.2 | 54.72                  |
| 55"                | -               | -           | -           | -           | -           | 18.9 - 45.3       | 23 - 48.8   | 29.5 - 55.1 | 22.8 - 48   | 30.3 - 55.1 | 60.63                  |
| 63"                | -               | -           | -           | -           | -           | 18.9 - 52.4       | 23 - 55.9   | 29.5 - 63   | 22.8 - 55.1 | 30.3 - 63   | 68.50                  |
| 71"                | -               | -           | -           | -           | -           | 18.9 - 60.2       | 23 - 63.8   | 29.5 - 70.9 | 22.8 - 63   | 30.3 - 70.9 | 76.77                  |
| 79"                | -               | -           | -           | -           | -           | 18.9 - 67.9       | 23 - 71.5   | 29.5 - 78.7 | 22.8 - 70.9 | 30.3 - 78.7 | 84.65                  |

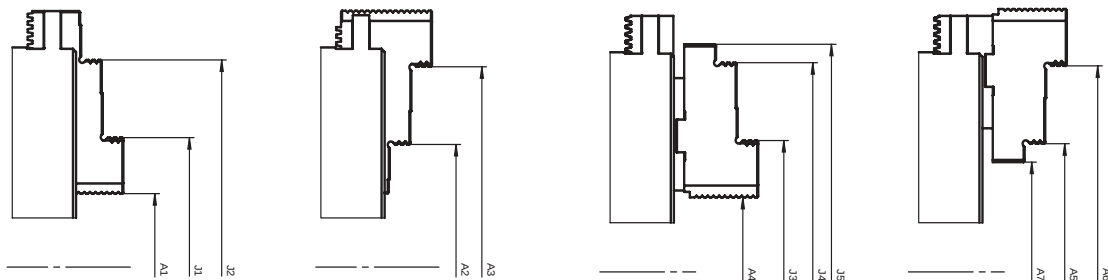
4505, 4605, 4705, 4805

#### ■ 3- and 4-jaw combination chucks

| Chuck size<br>[in] | d1 min. | d3 max. | Max. swing<br>diameter |
|--------------------|---------|---------|------------------------|
|                    | [in]    |         |                        |
| 8"                 | 0.16    | 7.87    | 9.45                   |
| 10"                | 0.20    | 9.84    | 11.80                  |
| 12"                | 0.39    | 12.40   | 14.60                  |
| 16"                | 0.59    | 15.70   | 18.50                  |
| 20"                | 0.79    | 19.70   | 22.60                  |
| 25"                | 1.18    | 24.80   | 28.50                  |
| 32"                | 1.97    | 31.50   | 35.40                  |
| 40"                | 6.89    | 39.40   | 43.30                  |
| 49"                | 13.8    | 49.20   | 52.90                  |
| 55"                | 13.8    | 55.10   | 59.80                  |
| 63"                | 13.8    | 63.00   | 67.90                  |
| 71"                | 13.8    | 70.90   | 75.80                  |
| 79"                | 13.8    | 78.70   | 83.90                  |

## CLAMPING RANGES

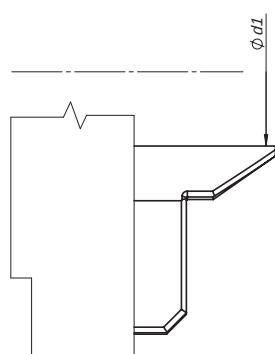
- Do not exceed the maximum allowable clamping ranges!



34\*\*

- 3-jaw wedge bar chucks

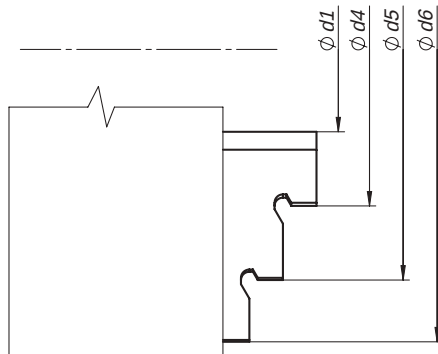
| Chuck size<br>[in] | Hard solid jaws |             |             |             |             | Hard 2-piece jaws |             |             |             |             |             |             |
|--------------------|-----------------|-------------|-------------|-------------|-------------|-------------------|-------------|-------------|-------------|-------------|-------------|-------------|
|                    | A1              | J1          | J2          | A2          | A3          | A4                | J3          | J4          | A5          | A6          | J5          | A7          |
|                    | [in]            |             |             |             |             |                   |             |             |             |             |             |             |
| 5"                 | 0.16 - 1.14     | 1.1 - 2.09  | 3.94 - 4.92 | 1.5 - 2.48  | 3.94 - 4.92 | 0.39 - 0.98       | 1.5 - 3.15  | 4.21 - 4.92 | 1.06 - 2.44 | 3.54 - 4.92 | 2.83 - 4.33 | 2.36 - 3.74 |
| 6"                 | 0.16 - 3.54     | 1.34 - 4.72 | 3.54 - 6.3  | 2.4 - 5.91  | 3.54 - 6.3  | 0.39 - 1.54       | 2.36 - 5.28 | 3.39 - 6.3  | 3.94 - 5.79 | 4.72 - 6.3  | 5.2 - 6.3   | 1.38 - 3.46 |
| 8"                 | 0.2 - 4.13      | 1.93 - 5.87 | 3.94 - 7.87 | 2.76 - 6.69 | 3.94 - 7.87 | 0.39 - 1.97       | 2.76 - 7.24 | 4.06 - 7.87 | 3.94 - 6.85 | 4.72 - 7.87 | 5.98 - 7.87 | 1.77 - 4.88 |
| 10"                | 0.31 - 5.12     | 2.6 - 7.4   | 5.04 - 9.84 | 3.19 - 6.69 | 4.72 - 9.84 | 0.39 - 2.52       | 3.7 - 6.69  | 6.85 - 9.84 | 3.15 - 6.06 | 6.3 - 9.25  | 7.68 - 9.84 | 2.36 - 7.28 |
| 12"                | 0.39 - 6.1      | 2.91 - 7.87 | 5.59 - 12.4 | 3.74 - 7.44 | 5.98 - 12.4 | 0.94 - 3.46       | 4.25 - 8.27 | 8.43 - 12.4 | 3.94 - 8.46 | 5.71 - 12.4 | 9.29 - 12.4 | 3.15 - 7.68 |
| 16"                | 0.4 - 6.9       | 4.7 - 10.9  | 10.2 - 15.7 | 4.6 - 10.9  | 10.2 - 16.3 | 0.6 - 6.6         | 4.9 - 10.7  | 10.4 - 16.2 | 4.5 - 10.6  | 10.2 - 16.1 | -           | -           |
| 20"                | 2 - 10          | 6.2 - 14.1  | 11.4 - 19.7 | 6.5 - 14.2  | 12 - 19.7   | 2.5 - 10.1        | 6.5 - 14.2  | 12 - 19.8   | 6.5 - 14.2  | 12 - 19.7   | -           | -           |
| 25"                | -               | -           | -           | -           | -           | 1 - 12.8          | 6.5 - 19.3  | 13.2 - 24.8 | 8.3 - 20.2  | 13.9 - 25.7 | -           | -           |
| 32"                | -               | -           | -           | -           | -           | 6.7 - 16.1        | 13.2 - 22.6 | 18.7 - 28.1 | 14.5 - 26   | 20.1 - 31.5 | -           | -           |
| 40"                | -               | -           | -           | -           | -           | 11.8 - 24.8       | 18.9 - 33.9 | 24.4 - 39.4 | 22.4 - 33.9 | 28.1 - 39.4 | -           | -           |
| 47"                | -               | -           | -           | -           | -           | 18.9 - 35.2       | 25.4 - 41.7 | 30.9 - 47.2 | 30.3 - 41.7 | 35.8 - 47.2 | -           | -           |



3868

- 3-jaw lever scroll chucks

| Chuck size<br>[in] | Ø d1<br>[in] |
|--------------------|--------------|
| 3868-3-1/3"        | 0.06 - 0.98  |



3286

- 3-jaw scroll chucks

| Chuck size<br>[in] | Ø d1        | Ø d2        | Ø d3        | Ø d4        | Ø d5        | Ø d6        | Ø d7       |
|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|------------|
|                    | [in]        |             |             |             |             |             |            |
| 3286-2"-M12x1      | 0.02 - 1.26 | 0.67 - 1.54 | 1.38 - 2.24 | 0.79 - 1.06 | 1.46 - 2.48 | 1.97 - 2.95 | 0.2 - 0.55 |
| 3286-2-1/3"-M16x1  | 0.02 - 1.38 | 0.79 - 1.65 | 1.5 - 2.36  | 0.79 - 2.05 | 1.46 - 2.76 | 2.4 - 3.35  | 0.2 - 0.79 |

### MAXIMUM PERMISSIBLE ROTATION SPEEDS (RPM)

Admissible revolutions of the chuck depend on many factors, such as cutting parameters, weight of the workpiece and its balance or type of machining (interrupted or continuous turning) etc.

The max. speeds as indicated in the table below should not cause a decrease of the clamping force to the half of its initial value. When machining in the stable conditions (machining material, tools, working conditions), the clamping force may be reduced by up to 67% of its initial value.

This relates to the chuck equipped with standard jaws, that do not protrude beyond the outer diameter of the chuck and the unbalance condition of the 'chuck-machining workpiece' is maintained (not exceeding 20gmm/kg). The chuck and jaws must be in good condition. Otherwise, refer to the calculations as indicated in the PN-M-60650.

#### 3105, 32\*\*, 35\*\*, 36\*\*, 37\*\*, 38\*\*

##### ■ 3-, 4- and 6-jaw scroll chucks

| Chuck size<br>[in] | Max. rpm            |            |                     |       |
|--------------------|---------------------|------------|---------------------|-------|
|                    | Steel body          |            | Cast iron body      |       |
|                    | 35**, 356*,<br>37** | 38**, 386* | 3105, 32**,<br>36** | 38**  |
| 3"                 | 7,000               | -          | 5,000               | -     |
| 4"                 | 6,300               | -          | 4,500               | -     |
| 5"                 | 5,500               | 3,800      | 4,000               | -     |
| 6"                 | 4,600               | 3,200      | 3,600               | -     |
| 8"                 | 4,000               | 2,800      | 3,000               | 2,000 |
| 10"                | 3,500               | 2,400      | 2,500               | 1,500 |
| 12"                | 2,800               | 1,900      | 2,000               | 1,200 |
| 16"                | 2,000               | 1,400      | 1,600               | 800   |
| 20"                | 1,300               | 900        | 1,000               | 600   |
| 25"                | 1,000               | 700        | 800                 | 500   |
| 32"                | 800                 | 560        | 600                 | 400   |
| 40"                | 600                 | 400        | 400                 | -     |
| 49"                | 500                 | 350        | 300                 | -     |
| 55"                | 440                 | -          | 250                 | -     |
| 63"                | 380                 | -          | 220                 | -     |
| 71"                | 340                 | -          | 190                 | -     |
| 79"                | 300                 | -          | 170                 | -     |

#### 43\*\*

##### ■ 4-jaw independent chucks

| Chuck size<br>[in] | Max. rpm   |                |
|--------------------|------------|----------------|
|                    | Steel body | Cast iron body |
| 3"                 | 7,640      | -              |
| 3-1/2"             | 7,190      | -              |
| 4"                 | 6,120      | -              |
| 5"                 | 4,890      | -              |
| 5-1/2"             | 4,370      | -              |
| 6"                 | 3,820      | -              |
| 8"                 | 3,060      | 1,800          |
| 10"                | 2,450      | 1,500          |
| 12"                | 1,940      | 1,200          |
| 16"                | 1,530      | 860            |
| 20"                | 1,220      | 690            |
| 25"                | 970        | 550            |
| 32"                | 760        | 430            |
| 36"                | 680        | 380            |
| 40"                | 610        | 340            |
| 49"                | 490        | 280            |
| 55"                | 440        | 250            |
| 63"                | 380        | 220            |
| 71"                | 340        | 190            |
| 79"                | 300        | 170            |

#### 4505, 4605, 4705, 4805

##### ■ 3- and 4-jaw combination chucks

| Chuck size<br>[in] | Max. rpm |       |       |       |
|--------------------|----------|-------|-------|-------|
|                    | 4505     | 4605  | 4705  | 4805  |
| 8"                 | 2,500    | 2,000 | 3,000 | 2,500 |
| 10"                | 2,000    | 1,800 | 2,500 | 2,000 |
| 12"                | 1,500    | 1,200 | 2,000 | 1,700 |
| 16"                | 1,000    | 800   | 1,500 | 1,300 |
| 20"                | 700      | 600   | 1,000 | 800   |
| 25"                | 540      | 480   | 750   | 660   |
| 32"                | 420      | 360   | 600   | 520   |
| 40"                | 280      | 240   | 380   | 330   |
| 49"                | 210      | 170   | -     | -     |

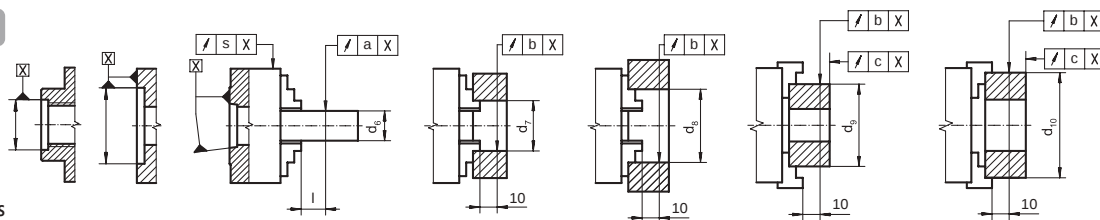
#### 34\*\*

##### ■ 3-jaw wedge bar chucks

| Chuck size<br>[in] | Max. rpm |
|--------------------|----------|
| 5"                 | 6,000    |
| 6"                 | 5,400    |
| 8"                 | 4,600    |
| 10"                | 4,200    |
| 12"                | 3,300    |
| 16"                | 2,400    |
| 20"                | 1,500    |
| 25"                | 1,200    |
| 32"                | 960      |
| 36"                | 840      |
| 40"                | 720      |
| 49"                | 600      |

## CENTERING ACCURACY

32\*\*, 35\*\*, 36\*\*, 37\*\*, 38\*\*



■ 3-, 4- and 6-jaw scroll chucks

| Chuck size<br>[in] | I   | d <sub>6</sub> |      | d <sub>7</sub> | d <sub>8</sub> | d <sub>9</sub> | d <sub>10</sub>       |                         | Centering accuracy |        |        |        |                  |        |        |        |            |        |        |        |            |        |        |        |        |
|--------------------|-----|----------------|------|----------------|----------------|----------------|-----------------------|-------------------------|--------------------|--------|--------|--------|------------------|--------|--------|--------|------------|--------|--------|--------|------------|--------|--------|--------|--------|
|                    |     |                |      |                |                |                | Hard<br>solid<br>jaws | Hard<br>2-piece<br>jaws | 35** PREMIUM       |        |        |        | 35**, 37**, 38** |        |        |        | 32**, 36** |        |        |        | 3284, 3285 |        |        |        |        |
|                    |     |                |      |                |                |                |                       |                         | a                  | b      | c      | s      | a                | b      | c      | s      | a          | b      | c      | s      | a          | b      | c      | s      |        |
|                    |     |                |      |                |                |                |                       |                         |                    |        |        |        |                  |        |        |        |            |        |        |        |            |        |        |        |        |
| [in]               |     |                |      |                |                |                |                       |                         |                    |        |        |        |                  |        |        |        |            |        |        |        |            |        |        |        |        |
| 3"                 | 1.6 | 0.4            | -    | 0.6            | 1.6            | 2.4            | 1.4                   | 2.5                     | -                  | 0.0004 | 0.0005 | 0.0003 | 0.0004           | 0.0008 | 0.0010 | 0.0006 | 0.0008     | 0.0012 | 0.0010 | 0.0006 | 0.0008     | 0.0020 | 0.0030 | 0.0016 | 0.0020 |
| 4"                 | 1.6 | 0.4            | 0.5  | 0.7            | 1.6            | 3.0            | 2.0                   | 3.2                     | -                  | 0.0004 | 0.0005 | 0.0003 | 0.0004           | 0.0008 | 0.0010 | 0.0006 | 0.0008     | 0.0012 | 0.0010 | 0.0006 | 0.0008     | 0.0020 | 0.0030 | 0.0016 | 0.0020 |
| 5"                 | 2.4 | 0.7            | 1.0  | 1.2            | 2.0            | 3.9            | 2.4                   | 3.9                     | 4.7                | 0.0006 | 0.0007 | 0.0004 | 0.0006           | 0.0012 | 0.0014 | 0.0008 | 0.0012     | 0.0012 | 0.0014 | 0.0008 | 0.0012     | 0.0020 | 0.0030 | 0.0016 | 0.0020 |
| 6"                 | 2.4 | 0.7            | 1.2  | 1.6            | 2.0            | 5.3            | 3.5                   | 3.9                     | 5.9                | 0.0006 | 0.0007 | 0.0004 | 0.0006           | 0.0012 | 0.0014 | 0.0008 | 0.0012     | 0.0012 | 0.0014 | 0.0008 | 0.0012     | 0.0020 | 0.0030 | 0.0016 | 0.0020 |
| 8"                 | 3.1 | 1.2            | 1.6  | 2.1            | 3.2            | 6.4            | 3.8                   | 6.3                     | 7.3                | 0.0008 | 0.0009 | 0.0005 | 0.0008           | 0.0016 | 0.0018 | 0.0010 | 0.0016     | 0.0016 | 0.0018 | 0.0010 | 0.0016     | 0.0020 | 0.0030 | 0.0016 | 0.0020 |
| 10"                | 3.1 | 1.2            | 2.1  | 3.0            | 3.2            | 7.9            | 5.9                   | 6.3                     | 8.9                | 0.0008 | 0.0009 | 0.0005 | 0.0008           | 0.0016 | 0.0018 | 0.0010 | 0.0016     | 0.0016 | 0.0018 | 0.0010 | 0.0016     | 0.0031 | 0.0030 | 0.0028 | 0.0031 |
| 12"                | 4.7 | 2.1            | 3.0  | 3.9            | 4.9            | 9.9            | 8.3                   | 9.8                     | 11.8               | 0.0010 | 0.0011 | 0.0006 | 0.0010           | 0.0020 | 0.0022 | 0.0012 | 0.0020     | 0.0020 | 0.0022 | 0.0012 | 0.0020     | 0.0031 | 0.0030 | 0.0028 | 0.0031 |
| 16"                | 4.7 | 2.1            | 3.9  | 4.9            | 4.9            | 11.1           | 9.8                   | 9.8                     | 13.8               | 0.0012 | 0.0013 | 0.0006 | 0.0012           | 0.0024 | 0.0026 | 0.0012 | 0.0024     | 0.0024 | 0.0026 | 0.0012 | 0.0024     | -      | -      | -      | -      |
| 20"                | 6.3 | 2.9            | 3.9  | 4.9            | 7.9            | 11.1           | 11.8                  | 15.8                    | 15.8               | 0.0020 | 0.0022 | 0.0012 | 0.0020           | 0.0039 | 0.0030 | 0.0020 | 0.0039     | 0.0039 | 0.0039 | 0.0020 | 0.0039     | -      | -      | -      | -      |
| 25"                | 6.3 | 2.9            | 4.9  | 6.3            | 7.9            | 12.8           | 15.8                  | 15.8                    | 15.8               | 0.0028 | 0.0030 | 0.0020 | 0.0028           | 0.0039 | 0.0039 | 0.0020 | 0.0039     | 0.0039 | 0.0039 | 0.0020 | 0.0039     | -      | -      | -      | -      |
| 32"                | 6.3 | 6.3            | 7.9  | 9.8            | 12.8           | 19.7           | 15.8                  | 19.7                    | 19.7               | 0.0039 | 0.0039 | 0.0020 | 0.0039           | 0.0059 | 0.0059 | 0.0024 | 0.0059     | 0.0059 | 0.0059 | 0.0024 | 0.0059     | -      | -      | -      | -      |
| 40"                | 6.3 | 9.8            | 12.4 | 15.8           | 19.7           | 24.8           | 19.7                  | -                       | 24.8               | 0.0047 | 0.0047 | 0.0024 | 0.0047           | 0.0059 | 0.0059 | 0.0031 | 0.0059     | 0.0059 | 0.0059 | 0.0031 | 0.0059     | -      | -      | -      | -      |
| 49"                | 7.9 | -              | -    | 19.7           | 31.5           | 31.5           | 39.4                  | -                       | 39.4               | 0.0047 | 0.0047 | 0.0024 | 0.0047           | 0.0059 | 0.0059 | 0.0031 | 0.0059     | 0.0059 | 0.0059 | 0.0031 | 0.0059     | -      | -      | -      | -      |
| 55"                | 7.9 | -              | -    | 19.7           | 31.5           | 31.5           | 39.4                  | -                       | 39.4               | 0.0047 | 0.0047 | 0.0024 | 0.0047           | 0.0059 | 0.0059 | 0.0039 | 0.0059     | 0.0071 | 0.0071 | 0.0047 | 0.0071     | -      | -      | -      | -      |
| 63"                | 7.9 | -              | -    | 19.7           | 31.5           | 31.5           | 39.4                  | -                       | 39.4               | 0.0059 | 0.0059 | 0.0031 | 0.0059           | 0.0071 | 0.0071 | 0.0047 | 0.0071     | 0.0079 | 0.0079 | 0.0063 | 0.0079     | -      | -      | -      | -      |
| 71"                | 7.9 | -              | -    | 19.7           | 31.5           | 31.5           | 39.4                  | -                       | 39.4               | 0.0079 | 0.0079 | 0.0047 | 0.0079           | 0.0087 | 0.0087 | 0.0063 | 0.0087     | 0.0098 | 0.0098 | 0.0079 | 0.0098     | -      | -      | -      | -      |
| 79"                | 7.9 | -              | -    | 19.7           | 31.5           | 31.5           | 39.4                  | -                       | 39.4               | 0.0079 | 0.0079 | 0.0047 | 0.0079           | 0.0087 | 0.0087 | 0.0063 | 0.0087     | 0.0098 | 0.0098 | 0.0079 | 0.0098     | -      | -      | -      | -      |

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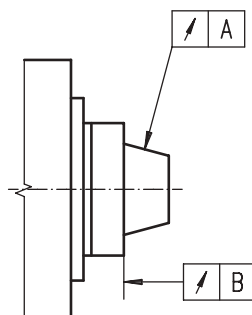
■ 3-jaw wedge bar chucks

| Chuck size<br>[in] | l   | d <sub>6</sub> |      |      | d <sub>7</sub> | d <sub>8</sub> | d <sub>9</sub> | d <sub>10</sub> | Centering accuracy |        |        |        |
|--------------------|-----|----------------|------|------|----------------|----------------|----------------|-----------------|--------------------|--------|--------|--------|
|                    |     |                |      |      |                |                |                |                 | a                  | b      | c      | s      |
|                    |     | [in]           |      |      |                |                |                |                 |                    |        |        |        |
| 5"                 | 2.4 | 0.6            | 0.8  | 1.1  | 2.0            | 3.9            | 3.7            | 4.9             | 0.0006             | 0.0006 | 0.0004 | 0.0008 |
| 6"                 | 2.4 | 0.6            | 0.8  | 1.5  | 2.0            | 5.3            | 3.9            | 6.3             | 0.0008             | 0.0006 | 0.0004 | 0.0008 |
| 8"                 | 3.1 | 0.6            | 0.9  | 2.0  | 3.1            | 6.4            | 5.9            | 7.9             | 0.0008             | 0.0008 | 0.0004 | 0.0008 |
| 10"                | 3.1 | 0.6            | 1.3  | 2.5  | 3.1            | 7.9            | 7.1            | 9.8             | 0.0008             | 0.0008 | 0.0004 | 0.0008 |
| 12"                | 4.7 | 0.8            | 2.5  | 3.5  | 4.9            | 9.9            | 8.9            | 11.4            | 0.0010             | 0.0010 | 0.0004 | 0.0010 |
| 16"                | 4.7 | 2.1            | 3.9  | 4.9  | 4.9            | 11.1           | 9.8            | 11.8            | 0.0012             | 0.0012 | 0.0006 | 0.0012 |
| 20"                | 6.3 | 3.0            | 3.9  | 4.9  | 7.9            | 12.8           | 11.8           | 15.7            | 0.0020             | 0.0020 | 0.0012 | 0.0020 |
| 25"                | 6.3 | 3.0            | 4.9  | 6.3  | 7.9            | 15.7           | 15.7           | 15.7            | 0.0028             | 0.0028 | 0.0020 | 0.0028 |
| 32"                | 6.3 | 7.9            | 9.8  | 11.1 | 15.7           | 19.7           | 15.7           | 24.8            | 0.0039             | 0.0039 | 0.0020 | 0.0039 |
| 40"                | 6.3 | 12.8           | 15.7 | 19.7 | 19.7           | 24.8           | 24.8           | 31.5            | 0.0047             | 0.0047 | 0.0024 | 0.0047 |
| 47"                | 6.3 | 19.7           | 24.8 | -    | 27.6           | 31.5           | 31.5           | 39.4            | 0.0063             | 0.0063 | 0.0031 | 0.0063 |

### SPINDLE NOSE CENTERING ACCURACY

To obtain the specified centering accuracy of a chuck mounted on a machine tool it is necessary:

- 1) to ensure the machine spindle nose run-out does not exceed the values specified,
- 2) to meet the basic requirements for correct mounting of the chuck on the spindle nose, according to the operations manual.



A · B

35\*\*

32\*\*, 36\*\*, 37\*\*

|            |         |           |         |
|------------|---------|-----------|---------|
| Ø 3 - 16"  | 0.0001" | Ø 3 - 6"  | 0.0001" |
| Ø 20 - 25" | 0.0002" | Ø 8 - 32" | 0.0002" |

### BALANCE VALUE

35\*\*, 37\*\*

34\*\*

#### ■ 3-and 4-jaw scroll chucks -steel body

#### ■ 3-jaw wedge bar chucks

| Chuck size [in] | lb-in  |
|-----------------|--------|
| 3"              | 0.0616 |
| 4"              | 0.0896 |
| 5"              | 0.1288 |
| 6"              | 0.1792 |
| 8"              | 0.2520 |
| 10"             | 0.3527 |
| 12"             | 0.5039 |
| 16"             | 0.7839 |
| 20"             | 1.6797 |
| 25"             | 3.5834 |

| Chuck size [in] | lb-in  |
|-----------------|--------|
| 5"              | 0.0896 |
| 6"              | 0.1792 |
| 8"              | 0.3527 |
| 10"             | 0.6999 |
| 12"             | 1.3998 |

### TOTAL GRIPPING FORCE

- The gripping force is the total sum of all jaws acting radially on the stationary, nonrotating workpiece.
- The data refer to a chuck in good condition lubricated with grease as recommended in the chuck manual.

3105, 32\*\*, 35\*\*, 36\*\*, 37\*\*, 38\*\*, 45\*\*, 46\*\*, 47\*\*, 48\*\*

34\*\*

#### ■ All scroll, independent and combination chucks

#### ■ 3-jaw wedge bar chucks

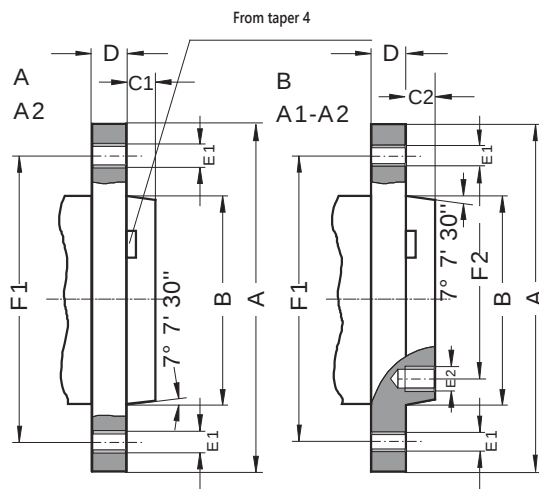
| Chuck size [in] | Torque on wrench [ft/lb] | Total gripping force [lbf] |
|-----------------|--------------------------|----------------------------|
| 3"              | 26                       | 2,250                      |
| 4"              | 37                       | 3,821                      |
| 5"              | 56                       | 5,395                      |
| 6"              | 89                       | 6,969 (5,395*)             |
| 8"              | 118                      | 8,317 (6,519*)             |
| 10"             | 133                      | 10,341 (8,093*)            |
| 12"             | 148                      | 12,364 (9,891*)            |
| 16"             | 207                      | 14,612 (11,015*)           |
| 20"             | 266                      | 16,186                     |
| 25"             | 340                      | 17,984                     |
| 32"             | 370                      | 20,232                     |
| 40"             | 370                      | 25,853                     |
| 49"             | 370                      | 28,101                     |
| 55"             | 370                      | 28,101                     |
| 63"             | 370                      | 28,101                     |
| 71"             | 370                      | 28,101                     |
| 79"             | 370                      | 28,101                     |

| Chuck size [in] | Torque on wrench [ft/lb] | Total gripping force [lbf] |
|-----------------|--------------------------|----------------------------|
| 5"              | 30                       | 6,740                      |
| 6"              | 74                       | 13,490                     |
| 8"              | 118                      | 19,110                     |
| 10"             | 148                      | 24,730                     |
| 12"             | 185                      | 29,225                     |
| 16"             | 207                      | 44,960                     |
| 20"             | 237                      | 51,700                     |
| 25"             | 259                      | 56,200                     |
| 32"             | 259                      | 56,200                     |
| 40"             | 259                      | 56,200                     |
| 47"             | 259                      | 56,200                     |

\* For Type 3105 - 2-jaw scroll chucks

## DIN 55026 - TYPE A, TYPE B ASA B5.9-1960 - TYPE A2, TYPE A1-A2

- Type A: Tapped holes in flange (outer bolt circle) without inner bolt circle
- Type B: Tapped holes in flange (outer bolt circle) and in inner bolt circle
- Dimensions in brackets according to ISO 702/1

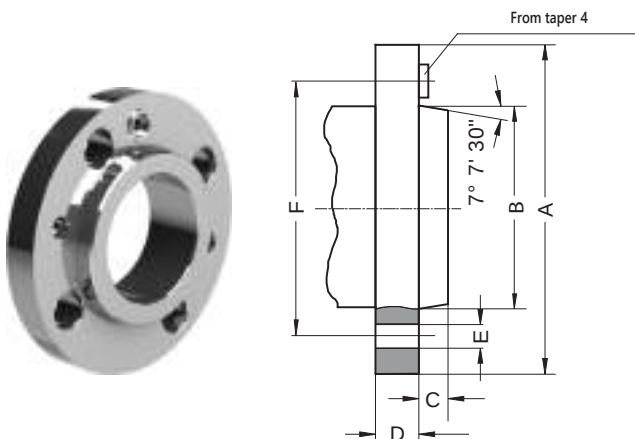


Our chucks meet all of the requirements of ASA Standard B5.9-1960

| Spindle nose size | A [in] | B max. [in] | C1 [in] | C2 [in] | D [in] | E1 (DIN) | E1 (ISO) | E1 (UNC-3B) | F1 [in] | E2 (DIN) | E2 (ISO) | E2 (UNC-3B) | F2 [in] |
|-------------------|--------|-------------|---------|---------|--------|----------|----------|-------------|---------|----------|----------|-------------|---------|
| 3                 | 3.62   | 2.13        | 0.43    | -       | 0.6    | 3xM10    | -        | 7/16-14     | 2.78    | -        | -        | 7/16-14     | -       |
| 4                 | 4.25   | 2.50        | 0.43    | -       | 0.8    | 11xM10   | -        | 7/16-14     | 3.25    | -        | -        | 7/16-14     | -       |
| 5                 | 5.24   | 3.25        | 0.51    | 0.56    | 0.9    | 11xM10   | -        | 7/16-14     | 4.13    | 8xM10    | -        | 7/16-14     | 2.44    |
| 6                 | 6.50   | 4.19        | 0.55    | 0.63    | 1.0    | 11xM12   | -        | 1/2-13      | 5.25    | 8xM12    | -        | 1/2-13      | 3.25    |
| 8                 | 8.27   | 5.50        | 0.63    | 0.69    | 1.1    | 11xM16   | -        | 5/8-11      | 6.75    | 8xM16    | -        | 5/8-11      | 4.37    |
| 11                | 11.02  | 7.75        | 0.71    | 0.75    | 1.4    | 11xM20   | 11xM18   | 3/4-10      | 9.25    | 8xM20    | 8xM18    | 3/4-10      | 6.50    |
| 15                | 14.96  | 11.25       | 0.75    | 0.81    | 1.7    | 12xM24   | 12xM22   | 7/8-9       | 13.00   | 11xM24   | 11xM22   | 7/8-9       | 9.75    |
| 20                | 20.47  | 16.25       | 0.83    | 0.88    | 1.9    | 12xM24   | -        | 1-8         | 18.25   | 11xM24   | -        | 1-8         | 14.50   |
| 28                | 28.54  | 23.00       | 0.94    | 1.00    | 2.2    | 12xM30   | -        | 1 1/4-7     | 25.50   | 11xM30   | -        | 1 1/4-7     | 20.87   |

## DIN 55027, ISO 702/III - TYPE C WITH BAYONET MOUNT RING

Our chucks meet all of the requirements of ASA Standard B5.9-1960

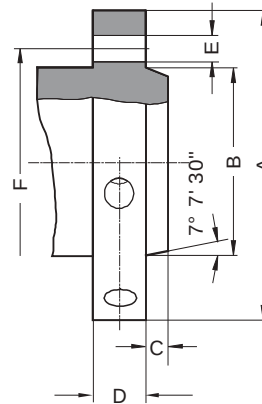


| Spindle nose size | A [in] | B max. [in] | C [in] | D [in] | E [mm] | F [in] |
|-------------------|--------|-------------|--------|--------|--------|--------|
| 3                 | 4.02   | 2.13        | 0.43   | 0.63   | 3 x 21 | 2.95   |
| 4                 | 4.41   | 2.50        | 0.43   | 0.79   | 3 x 21 | 3.35   |
| 5                 | 5.31   | 3.25        | 0.51   | 0.87   | 4 x 21 | 4.13   |
| 6                 | 6.69   | 4.19        | 0.55   | 0.98   | 4 x 23 | 5.25   |
| 8                 | 8.66   | 5.50        | 0.63   | 1.10   | 4 x 29 | 6.75   |
| 11                | 11.42  | 7.75        | 0.71   | 1.38   | 6 x 36 | 9.25   |
| 15                | 15.75  | 11.25       | 0.75   | 1.65   | 6 x 43 | 13.00  |
| 20                | 21.26  | 16.25       | 0.83   | 1.89   | 6 x 43 | 18.25  |

Our chucks meet all of the requirements of ASA Standard B5.9-1960

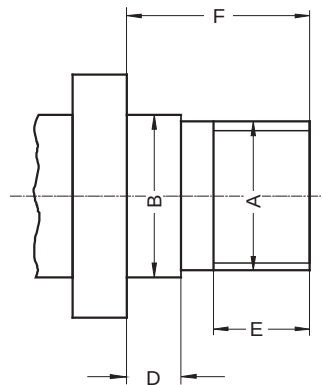
| Spindle nose size | A [in] | B max. [in] | C [in] | D [in] | E        | F [in] |
|-------------------|--------|-------------|--------|--------|----------|--------|
| 3                 | 3.62   | 2.13        | 0.43   | 1.26   | 3 x 0.59 | 2.78   |
| 4                 | 4.61   | 2.50        | 0.43   | 1.34   | 3 x 0.66 | 3.25   |
| 5                 | 5.75   | 3.25        | 0.51   | 1.50   | 6 x 0.78 | 4.13   |
| 6                 | 7.13   | 4.19        | 0.55   | 1.77   | 6 x 0.91 | 5.25   |
| 8                 | 8.86   | 5.50        | 0.63   | 1.97   | 6 x 1.03 | 6.75   |
| 11                | 11.73  | 7.75        | 0.71   | 2.36   | 6 x 1.22 | 9.25   |
| 15                | 15.87  | 11.25       | 0.75   | 2.76   | 6 x 1.41 | 13.00  |
| 20                | 21.50  | 16.25       | 0.83   | 3.23   | 6 x 1.66 | 18.25  |

### DIN 55029, ISO 702/II - TYPE D CAMLOCK



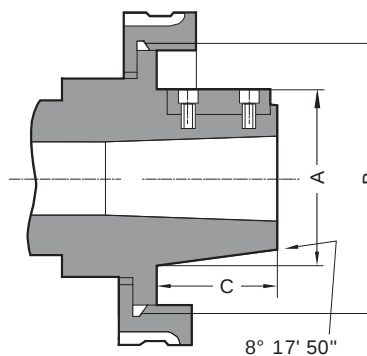
### THREAD SPINDLE

| Spindle nose size A | B [in] | D [in] | E [in] | F [in] |
|---------------------|--------|--------|--------|--------|
| 1" - 10" UNS-2B     | 1.0150 | 1.5000 | 0.4375 | 1.0000 |
| 1 1/2" - 8" UN-2B   | 1.5150 | 1.5000 | 0.4375 | 1.0000 |
| 2 3/16" - 10" UN-2B | 2.2025 | 1.7500 | 0.5625 | 1.1250 |
| 2 1/4" - 6" UN-2B   | 2.2600 | 1.7500 | 0.5625 | 1.1250 |
| 2 3/16" - 6" UN-2B  | 2.2025 | 1.7500 | 0.5626 | 1.1250 |
| 2 3/4" - 8" UN-2B   | 2.7600 | 2.0625 | 0.6875 | 1.3125 |



### TYPE L - LONG TAPER 7:24

| Spindle nose size | A [in] | B [in]       | C [in] | Driving block     |
|-------------------|--------|--------------|--------|-------------------|
| L00               | 2.750  | 3 3/4" - 6"  | 2      | 3/8 x 3/8 x 1 1/2 |
| L0                | 3.250  | 4-1/2" - 6"  | 2-3/8  | 3/8 x 3/8 x 1 3/4 |
| L1                | 4.125  | 6" - 6"      | 2-7/8  | 5/8 x 5/8 x 2 3/8 |
| L2                | 5.250  | 7-3/4" - 5"  | 3-3/8  | 3/4 x 3/4 x 2 7/8 |
| L3                | 6.500  | 10-3/8" - 4" | 3-7/8  | 1 x 1 x 3 1/4     |





1

2

3

4

5



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