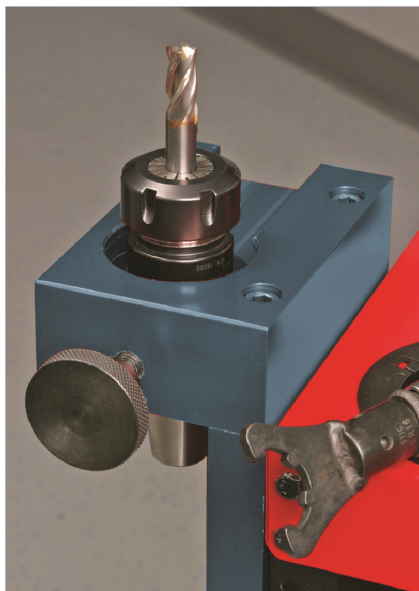


# TECHNIKS TORQUE SPECIFICATIONS



## CHART



### COLLET CHUCKS

| Collet Nuts    | Wrench Type | Torque     |
|----------------|-------------|------------|
| ER 8           | Slotted     | 7 ft/lbs   |
| ER 8           | Hex         | 7 ft/lbs   |
| ER 11          | Slotted     | 20 ft/lbs  |
| ER 11          | Hex         | 20 ft/lbs  |
| ER16           | Castle      | 20 Ft/lbs  |
| ER 16          | Slotted     | 45 ft/lbs  |
| ER 16          | Hex         | 45 ft/lbs  |
| ER 20          | Slotted     | 67 ft/lbs  |
| ER 20          | Hex         | 67 ft/lbs  |
| ER 25          | Slotted     | 85 ft/lbs  |
| ER 25 Mini Nut | Castle      | 25 ft/lbs  |
| ER 32          | Slotted     | 112 ft/lbs |
| ER 40          | Slotted     | 126 ft/lbs |
| SYOZ 25/TG 100 | Hook        | 90 ft/lbs  |
| TG 75          | Hex         | 90 ft/lbs  |
| TG 100         | Hex         | 90 ft/lbs  |

### RETENTION KNOBS

| Retention Knobs | Wrench Flats | Drive | Torque    |
|-----------------|--------------|-------|-----------|
| All 40 Taper    | 0.750"       | 3/8"  | 76 ft/lbs |
| CAT 50 Taper    | 1.250"       | 1/2"  | 99 ft/lbs |
| BT 30 Taper     | 0.535"       | 1/4"  | 36 ft/lbs |
| BT 50 Taper     | 1.187"       | 1/2"  | 99 ft/lbs |
| ISO 20 Taper    | 0.346"       | 3/8"  | 20 ft/lbs |
| ISO 30 Taper    | 0.535"       | 3/8"  | 36 ft/lbs |

### MILLING CHUCKS

| Collet Nuts | Description          | Torque    |
|-------------|----------------------|-----------|
| 23241       | CAT40 3/4" - 3.62"   | 45 ft/lbs |
| 23242       | CAT40 3/4" - 4.13"   | 45 ft/lbs |
| 23246       | CAT40 1 1/4" - 4.52" | 45 ft/lbs |
| 23252       | CAT50 3/4" - 4.13"   | 45 ft/lbs |

|       |                      |           |
|-------|----------------------|-----------|
| 23256 | CAT50 1 1/4" - 4.13" | 45 ft/lbs |
| 05990 | BT40 3/4" - 3.15"    | 45 ft/lbs |
| 05991 | BT40 1 1/4" - 3.54"  | 45 ft/lbs |

### BT30 END MILL HOLDERS

| Collet Nuts | Description | Torque |
|-------------|-------------|--------|
|-------------|-------------|--------|

|            |           |           |
|------------|-----------|-----------|
| 07130-1/8  | BT30x1/8  | 4 ft/lbs  |
| 07130-3/16 | BT30x3/16 | 6 ft/lbs  |
| 07130-1/4  | BT30x1/4  | 6 ft/lbs  |
| 07130-5/16 | BT30x5/16 | 10 ft/lbs |
| 07130-3/8  | BT30x3/8  | 15 ft/lbs |
| 07130-7/16 | BT30x7/16 | 20 ft/lbs |
| 07130-1/2  | BT30x1/2  | 20 ft/lbs |
| 07130-5/8  | BT30x5/8  | 35 ft/lbs |
| 07130-3/4  | BT30x3/4  | 45 ft/lbs |

### BT50 END MILL HOLDERS

| Collet Nuts | Description | Torque |
|-------------|-------------|--------|
|-------------|-------------|--------|

|             |            |           |
|-------------|------------|-----------|
| 07150-1/4   | BT50x1/4   | 6 ft/lbs  |
| 07150-3/8   | BT50x3/8   | 15 ft/lbs |
| 07150-1/2   | BT50x1/2   | 20 ft/lbs |
| 07150-5/8   | BT50x5/8   | 35 ft/lbs |
| 07150-3/4   | BT50x3/4   | 45 ft/lbs |
| 07150-1     | BT50x1     | 70 ft/lbs |
| 07150-1-6   | BT50x1x6   | 70 ft/lbs |
| 07150-1-1/4 | BT50x1-1/4 | 70 ft/lbs |

### CAT50 END MILL HOLDERS

| Collet Nuts | Description | Torque |
|-------------|-------------|--------|
|-------------|-------------|--------|

### BT40 END MILL HOLDERS

| Collet Nuts | Description | Torque    |
|-------------|-------------|-----------|
| 07140-1/8   | BT40x1/8    | 4 ft/lbs  |
| 07140-3/16  | BT40x3/16   | 6 ft/lbs  |
| 07140-1/4   | BT40x1/4    | 6 ft/lbs  |
| 07140-5/16  | BT40x5/16   | 10 ft/lbs |
| 07140-3/8   | BT40x3/8    | 15 ft/lbs |
| 07140-1/2   | BT40x1/2    | 20 ft/lbs |
| 07140-5/8   | BT40x5/8    | 35 ft/lbs |
| 07140-3/4   | BT40x3/4    | 45 ft/lbs |
| 07140-1     | BT40x1      | 70 ft/lbs |
| 07140-1 1/4 | BT40x1-1/4  | 70 ft/lbs |
| 07140-1 1/2 | BT40x1-1/2  | 70 ft/lbs |

### CAT40 END MILL HOLDERS

| Collet Nuts | Description | Torque |
|-------------|-------------|--------|
|-------------|-------------|--------|

|             |                  |
|-------------|------------------|
| 22931-2 1/2 | CAT50x1/4x2-1/2  |
| 22933       | CAT50x5/16x4     |
| 22935       | CAT50x3/8x4      |
| 22935-2 1/2 | CAT50x3/8x2-1/2  |
| 22935-6     | CAT50x3/8x6      |
| 22935-DIN   | CAT50x3/8xDIN    |
| 22936-8     | CAT50x3/8x8      |
| 22937       | CAT50x1/2x4      |
| 22937-2 5/8 | CAT50x1/2x2-5/8  |
| 22937-6     | CAT50x1/2x6      |
| 22937-8     | CAT50x1/2x8      |
| 22937-DIN   | CAT50x1/2xDIN    |
| 22939       | CAT50x5/8x4      |
| 22939-1.44  | CAT50x5/8x1.44   |
| 22939-3     | CAT50x5/8x3      |
| 22939-6     | CAT50x5/8x6      |
| 22939-8     | CAT50x5/8x8      |
| 22941       | CAT50x3/4x4      |
| 22941-1.44  | CAT50x3/4x1.44   |
| 22941-3     | CAT50x3/4x3      |
| 22941-5.75  | CAT50x3/4x5.75   |
| 22941-6     | CAT50x3/4x6      |
| 22941-8     | CAT50x3/4x8      |
| 22941-DIN   | CAT50x3/4xDIN    |
| 22943       | CAT50x7/8x4      |
| 22945       | CAT50x1x4        |
| 22945-2.62  | CAT50x1x2.62     |
| 22945-6     | CAT50x1x6        |
| 22945-DIN   | CAT50x1xDIN      |
| 22946-8     | CAT50x1x8        |
| 22947       | CAT50x1-1/4x4.6  |
| 22947-2.62  | CAT50x1-1/4x2.62 |
| 22947-6     | CAT50x1-1/4x6    |
| 22947-8     | CAT50x1-1/4x8    |
| 22947-DIN   | CAT50x1-1/4xDIN  |
| 22949       | CAT50x1-1/2x4.6  |
| 22949-2     | CAT50x1-1/2x2    |
| 22949-DIN   | CAT50x1-1/2xDIN  |
| 22951       | CAT50x2x6        |



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|      |             |          |      |                 |          |
|------|-------------|----------|------|-----------------|----------|
| 2931 | CAT50x1/4x4 | 6 ft/lbs | 2907 | CAT40x1/8x2.375 | 4 ft/lbs |
|------|-------------|----------|------|-----------------|----------|

|               |                |           |
|---------------|----------------|-----------|
| 22907-5.00-RR | CAT40x1/8xRR   | 4 ft/lbs  |
| 22907-6       | CAT40x1/8x6    | 4 ft/lbs  |
| 22909         | CAT40x3/16x2.5 | 6 ft/lbs  |
| 22909-4.72-RR | CAT40x3/16xRR  | 6 ft/lbs  |
| 22909-6       | CAT40x3/16x6   | 6 ft/lbs  |
| 22911         | CAT40x1/4x3    | 6 ft/lbs  |
| 22911-1.75    | CAT40x1/4x1.75 | 6 ft/lbs  |
| 22911-2.5     | CAT40x1/4x2.5  | 6 ft/lbs  |
| 22911-2.5-FID | CAT40x1/4xFID  | 6 ft/lbs  |
| 22911-4.72-RR | CAT40x1/4xRR   | 6 ft/lbs  |
| 22911-6       | CAT40x1/4x6    | 6 ft/lbs  |
| 22911-DIN     | CAT40x1/4xDIN  | 6 ft/lbs  |
| 22913         | CAT40x5/16x3   | 10 ft/lbs |
| 22913-2.5     | CAT40x5/16x2.5 | 10 ft/lbs |
| 22913-4.72-RR | CAT40x5/16xRR  | 10 ft/lbs |
| 22915         | CAT40x3/8x3    | 15 ft/lbs |
| 22915-1.75    | CAT40x3/8x1.75 | 10 ft/lbs |
| 22915-2.5     | CAT40x3/8x2.5  | 15 ft/lbs |
| 22915-2.5-FID | CAT40x3/8xFID  | 15 ft/lbs |
| 22915-4.72-RR | CAT40x3/8xRR   | 15 ft/lbs |
| 22915-5       | CAT40x3/8x5    | 15 ft/lbs |
| 22915-DIN     | CAT40x3/8xDIN  | 15 ft/lbs |
| 22916         | CAT40x7/16x2.5 | 20 ft/lbs |
| 22917         | CAT40x1/2x3    | 20 ft/lbs |
| 22917-1.75    | CAT40x1/2x1.75 | 20 ft/lbs |

|               |                 |           |
|---------------|-----------------|-----------|
| 22917-2.5     | CAT40x1/2x2.5   | 20 ft/lbs |
| 22917-2.5-FID | CAT40x1/2xFID   | 20 ft/lbs |
| 22917-2.63    | CAT40x1/2x2.63  | 20 ft/lbs |
| 22917-4.72-RR | CAT40x1/2xRR    | 20 ft/lbs |
| 22917-DIN     | CAT40x1/2xDIN   | 20 ft/lbs |
| 22918         | CAT40x1/2x4.63  | 20 ft/lbs |
| 22919         | CAT40x5/8x3     | 35 ft/lbs |
| 22919-1.75    | CAT40x5/8x1.75  | 35 ft/lbs |
| 22919-DIN     | CAT40x5/8xDIN   | 35 ft/lbs |
| 22920         | CAT40x5/8x3.75  | 35 ft/lbs |
| 22920-5.75    | CAT40x5/8x5.75  | 35 ft/lbs |
| 22921         | CAT40x3/4x3.5   | 45 ft/lbs |
| 22921-1.75    | CAT40x3/4x1.75  | 45 ft/lbs |
| 22921-3       | CAT40x3/4x3     | 45 ft/lbs |
| 22921-3-DIN   | CAT40x3/4xDIN   | 45 ft/lbs |
| 22921-3-FID   | CAT40x3/4xFID   | 45 ft/lbs |
| 22921-5       | CAT40x3/4x5     | 45 ft/lbs |
| 22923         | CAT40x7/8x3.5   | 45 ft/lbs |
| 22925         | CAT40x1x4       | 70 ft/lbs |
| 22925-1.75    | CAT40x1x1.75    | 45 ft/lbs |
| 22925-6       | CAT40x1x6       | 70 ft/lbs |
| 22925-DIN     | CAT40x1xDIN     | 70 ft/lbs |
| 22925-FID     | CAT40x1xFID     | 70 ft/lbs |
| 22927         | CAT40x1-1/4x4.6 | 70 ft/lbs |
| 22929         | CAT40x1-1/2x4.5 | 70 ft/lbs |