1. Determine machine's taper.

2. Determine the weight of the workpiece, while taking cutting forces into consideration. Weight of workpiece noted next to each item is the maximum weight the live center can safely carry.

Live & Dead Centers



Bull Head Point centers are shorter than pipe heads, reducing interference in blind center hole applications and ensuring that the load is positioned over the bearings. Tri-Bearing design enables both high rpms and good load ratings. Quad-Bearing centers (and 41LJ90) feature Royal Roto-Shield technology with a live center point machined from a solid bar incorporating a specially-shaped steel coolant slinger.

					Max.				
	Morse		Head		Workpiece	Max.	Thrust	Item	
Point Style	Taper	Head Dia.	Length	Point Dia.	Weight	Speed	Load	No.	
Live Center									
Dual-Bearin									
	4 MT	4.1500 in	3.0100 in	1 ¼ in	860 lb	4,500 RPM	2,550 lb	41LK13	
Bull Head	5 MT	4.1500 in	3.0100 in	1 ¼ in	860 lb	4,500 RPM	2,550 lb	41LK14	
	5 MT	5.1500 in	3.1700 in	2 in	1,145 lb	4,000 RPM	3,450 lb	41LK16	
	5 MT	5.1500 in	3.6000 in	2 1/2 in	1,450 lb	3,500 RPM	4,500 lb	41LK17	
Standard	3 MT	2.3800 in	2.0700 in	1 in	500 lb	5,000 RPM	1,140 lb	41LK19	
Point	4 MT	31⁄2 in	2.6400 in	1 ½ in	1,070 lb	3,500 RPM	1,810 lb	41LK20	
Quad-Bearing Design									
CNC Carbide	4 MT	2 ²⁹ /64 in	2.7800 in	½ in	525 lb	12,000 RPM	1,380 lb	41LJ99	
Point	5 MT	2 ²⁹ ⁄64 in	2.7800 in	1⁄2 in	525 lb	12,000 RPM	1,380 lb	41LK01	
CNC Point	2 MT	1.7000 in	2.1200 in	3⁄8 in	465 lb	6,000 RPM	1,270 lb	41LJ83	
	3 MT	1.7000 in	2.1200 in	3⁄8 in	465 lb	6,000 RPM	1,270 lb	41LJ84	
	4 MT	2 ²⁹ ⁄64 in	2.7800 in	1⁄2 in	1,230 lb	5,000 RPM	2,150 lb	41LJ85	
	4 MT	2 ²⁹ ⁄64 in	2.7800 in	1⁄2 in	525 lb	12,000 RPM	1,380 lb	41LJ97	
	5 MT	229/64 in	2.7800 in	1⁄2 in	1,230 lb	5,000 RPM	2,150 lb	41LJ86	
	5 MT	2 ²⁹ ⁄64 in	2.7800 in	1⁄2 in	525 lb	12,000 RPM	1,380 lb	41LJ98	
Standard Point	3 MT	1.7000 in	2.1200 in	7∕8 in	885 lb	6,000 RPM	1,270 lb	41LJ78	
	4 MT	2 ²⁹ ⁄64 in	2.7800 in	1 ¼ in	2,240 lb	5,000 RPM	2,150 lb	41LJ79	
	5 MT	3.8200 in	3.8900 in	2 in	5,240 lb	3,000 RPM	5,300 lb	41LJ81	
1 UIII	5 MT	2 ²⁹ ⁄64 in	2.7800 in	1 ¼ in	2,240 lb	5,000 RPM	2,150 lb	41LJ80	
	6 MT	3.8200 in	3.8900 in	2 in	5,240 lb	3,000 RPM	5,300 lb	41LJ82	
Tri-Bearing									
	2 MT	13⁄4 in	1.4700 in	3⁄8 in	375 lb	6,000 RPM	2,360 lb	41LJ92	
CNC Point	3 MT	2.3300 in	13⁄4 in	3⁄8 in	740 lb	5,000 RPM	3,900 lb	41LJ93	
	3 MT	^{15/} 16 in	—	1⁄4 in	260 lb	5,000 RPM	315 lb	41LK04	
	4 MT	1.2310 in	_	3⁄8 in	580 lb	4,500 RPM	435 lb	41LK05	
	4 MT	2.6800 in	1.9800 in	1⁄2 in	1,120 lb	4,500 RPM	4,050 lb	41LJ94	
	5 MT	3.4500 in	2.8100 in	1⁄2 in	1,930 lb	3,500 RPM	5,700 lb	41LJ95	
	6 MT	4 in	3.1500 in	3⁄4 in	2,420 lb	3,500 RPM	6,000 lb	41LJ96	

Point Style	Morse Taper	Head Dia.	Head Length	Point Dia.	Max. Workpiece Weight	Max. Speed	Thrust Load	ltem No.
	2 MT	13⁄4 in	1.4700 in	7⁄8 in	725 lb	6,000 RPM	2,360 lb	41LJ87
	3 MT	2.3300 in	13⁄4 in	1 in	970 lb	5,000 RPM	3,900 lb	41LJ88
	3 MT	15/16 in	_	³⁵ ⁄64 in	940 lb	5,000 RPM	315 lb	41LK02
	4 MT	1.2310 in		5⁄8 in	1,400 lb	4,500 RPM	435 lb	41LK03
Standard	4 MT	2.6800 in	1.9800 in	1 1/4 in	1,720 lb	4,500 RPM	4,050 lb	41LJ89
Point	4 MT	3.3800 in	3.1500 in	3⁄4 in	1,165 lb	3,500 RPM	5,700 lb	41LK07
	4 MT	21/2 in	2.6000 in	5∕s in	685 lb	4,000 RPM	5,000 lb	41LK06
	5 MT	3.3800 in	3.1500 in	3⁄4 in	1,165 lb	3,500 RPM	5,700 lb	41LK08
	5 MT	3.4500 in	1.8400 in	1 ½ in	3,260 lb	3,500 RPM	5,700 lb	41LJ90
	6 MT	4 in	2.3100 in	2 in	4,080 lb	3,500 RPM	6,000 lb	41LJ91
								Item
Point Typ	e M	lorse Taper	Head	Dia.	Head Length	e Point D)ia.	No.
Dead Center								
Carbide		3 MT	0.93	80 in	_	3⁄8 ir	1 4	11LJ72
Threaded Po								HILJ/2
	lint	4 MT	1.23	10 in	_	1/2 ir		11LJ72
meaueuru	oint —	5 MT	1.23		_	1/2 ir	ן 4 1 4	
Theaded T	oint —			80 in			ן 4 1 4	11LJ73
		5 MT 2 MT 3 MT	1.74	80 in D0 in	_	1/2 ir	ן 4 ן 4 ן 4	11LJ73 11LJ74
Full Carbide F		5 MT 2 MT 3 MT 4 MT	1.74	80 in 00 in 80 in	1 3⁄8 in 1 11⁄16 in 2 1⁄4 in	1/2 ir 3% ir 1/2 ir 1/2 ir		11LJ73 11LJ74 11LJ64
		5 MT 2 MT 3 MT 4 MT 5 MT	1.74 0.70 0.93	80 in 00 in 80 in 10 in	1 3% in 1 1½16 in 2 1⁄4 in 2 3⁄4 in	1/2 ir 3/8 ir 1/2 ir 1/2 ir 1/2 ir 5/8 ir		11LJ73 11LJ74 11LJ64 11LJ65
		5 MT 2 MT 3 MT 4 MT 5 MT 2 MT	1.74 0.70 0.93 1.23 1.74 0.70	BO in DO in BO in 10 in BO in DO in	1 % in 1 ½ 6 in 2 ¼ in 2 ¾ in 1 % in	1/2 ir 3/8 ir 1/2 ir 1/2 ir 5/8 ir 3/8 ir		11LJ73 11LJ74 11LJ64 11LJ65 11LJ66 11LJ67 11LJ67 11LJ59
Full Carbide F	Point	5 MT 2 MT 3 MT 4 MT 5 MT 2 MT 3 MT	1.74 0.70 0.93 1.23 1.74	BO in DO in BO in 10 in BO in DO in	1 3% in 1 1½16 in 2 1⁄4 in 2 3⁄4 in	1/2 ir 3/8 ir 1/2 ir 1/2 ir 5/8 ir 3/8 ir 1/2 ir		11LJ73 11LJ74 11LJ64 11LJ65 11LJ66 11LJ67 11LJ59 11LJ59 11LJ60
	Point	5 MT 2 MT 3 MT 4 MT 5 MT 2 MT 3 MT 4 MT	1.74 0.70 0.93 1.23 1.74 0.70 0.93 1.23	80 in 20 in 80 in 10 in 80 in 20 in 80 in 10 in	1 3% in 1 1½ 6 in 2 1⁄4 in 2 3⁄4 in 1 3% in 1 1½ 6 in 2 1⁄4 in	1/2 ir 3/8 ir 1/2 ir 1/2 ir 5/8 ir 3/8 ir 1/2 ir 1/2 ir		11LJ73 11LJ74 11LJ64 11LJ65 11LJ66 11LJ67 11LJ67 11LJ59
Full Carbide F	Point	5 MT 2 MT 3 MT 4 MT 5 MT 2 MT 3 MT 4 MT 5 MT	1.74 0.70 0.93 1.23 1.74 0.70 0.93 1.23 1.74	80 in 20 in 80 in 10 in 80 in 20 in 80 in 10 in 80 in	1 3% in 1 1½6 in 2 1⁄4 in 2 3⁄4 in 1 3% in 1 1½6 in	1/2 ir 3% ir 1/2 ir 1/2 ir 5% ir 3% ir 1/2 ir 1/2 ir 1/2 ir 1/2 ir 1/2 ir 1/2 ir 3% ir		11LJ73 11LJ74 11LJ64 11LJ65 11LJ66 11LJ67 11LJ59 11LJ59 11LJ60
Full Carbide F	Point	5 MT 2 MT 3 MT 4 MT 5 MT 2 MT 3 MT 4 MT 5 MT 3 MT	1.74 0.70 0.93 1.23 1.74 0.70 0.93 1.23 1.74 0.93	80 in 00 in 80 in 10 in 80 in 00 in 80 in 10 in 80 in 80 in	1 3% in 1 1½ 6 in 2 1⁄4 in 2 3⁄4 in 1 3% in 1 1½ 6 in 2 1⁄4 in	1/2 ir 3% ir 1/2 ir 1/2 ir 5% ir 3% ir 1/2 ir 1/2 ir 1/2 ir 5% ir 5% ir 5% ir 3% ir		HLJ73 HLJ74 HLJ64 HLJ65 HLJ66 HLJ67 HLJ67 HLJ60 HLJ61 HLJ61 HLJ62 HLJ69
Full Carbide F	Point	5 MT 2 MT 3 MT 4 MT 5 MT 2 MT 3 MT 4 MT 5 MT	1.74 0.70 0.93 1.23 1.74 0.70 0.93 1.23 1.74	80 in 200 in 80 in 10 in 80 in 80 in 10 in 80 in 80 in 80 in 10 in	1 3% in 1 1½ 6 in 2 ½ in 2 ¾ in 1 % in 1 1½ 6 in 2 ¼ in 2 ¼ in	1/2 ir 3% ir 1/2 ir 1/2 ir 5% ir 3% ir 1/2 ir 1/2 ir 1/2 ir 1/2 ir 1/2 ir 1/2 ir 3% ir		11LJ73 11LJ74 11LJ64 11LJ65 11LJ66 11LJ67 11LJ59 11LJ60 11LJ61 11LJ61 11LJ62

Manual Horizontal Band Saws

BAILEIGH

JET

Cut metal, pipe, channel, and conduit. Mitering band saws have a pivoting head to make mitered cuts in addition to straight cuts. Non-mitering band saws make straight downward cuts. They provide better precision and repeatability when making straight cuts than mitering saws that have a pivoting head.

110/220V AC 7 7 in x 10 % in 7 in 125 to 270 0° to 45° — 1 Baileigh Industrial 31XU 110V AC - 1 Baileigh Industrial 31XU - 1 Baileigh Industrial 31XU 5 % is in x 5 in 5 in 75 to 246 0° to 60° 10.0 A 1 Baileigh Industrial 51XU 8 % in x 6 in / % in 7 in 66 to 280 45° Left to 60° Right — 1 Baileigh Industrial 31XU 10 % in x 4 % in 8 % in 66 to 280 0° to 60° — 1 Baileigh Industrial 31XU 115/220V AC - - 1 Baileigh Industrial 31XU 2 in x 16 in, 8 % in x 14 in 9 in 82 to 235 45°, 90° - 1 Baileigh Industrial 31XU 10 in x 16 in 9 in 53 to 257 45°, 90° - 1 Det 182 9 in x 13 in 9 in 83 to 257 45°, 90° - 1 Jet Elite 20UT </th <th>Rectangular Cutting Capacity</th> <th>Round Cutting Capacity</th> <th>SFPM Range</th> <th>Miter Angle Range</th> <th>Current</th> <th>Phase</th> <th>Brand</th> <th>ltem No.</th>	Rectangular Cutting Capacity	Round Cutting Capacity	SFPM Range	Miter Angle Range	Current	Phase	Brand	ltem No.
T in x 10 %is in 7 in 125 to 270 0° to 45° — 1 Baileigh Industrial 31XU 110V AC 5 %is in x 5 in 5 in 75 to 246 0° to 60° 10.0 A 1 Baileigh Industrial 31XU 5 in x 6 in 5 in 75 to 246 0° to 60° 10.0 A 1 Baileigh Industrial 31XU 8 ¼ in x 6 ¼s in 7 in 66 to 280 45° Left to 60° Right — 1 Baileigh Industrial 31XU 10 ¼ in x 4 %is in 8 ½ in x 6 ¼s in 66 to 280 0° to 60° — 1 Baileigh Industrial 31XU 115/220V AC 1 5 in 80 to 200 0° to 60° — 1 Baileigh Industrial 31XU 2 in x 16 in, 8 ½ in x 14 in 9 in 82 to 235 45°, 90° 18.0/9.0 A 1 Jet 18220 5 ½ in x 6 ½ in 5 in 80 to 200 0° — 1 Jet 3040 10 in x 10 in, 7 in x 16 in 10 in 10 to 255 45°, 90° 18.0/9.0 A 1	Mitering Band Saws							
110V AC 100 4C 100 4C 5 %rs in x 5 in 5 in 75 to 246 0° to 60° 10.0 A 1 Baileigh Industrial 55KM 8 % in x 6 in 5 in 7 in 66 to 280 45° Left to 60° Right 1 Baileigh Industrial 31XU 10 % in x 6 % in 8 % in 66 to 280 0° to 60° 1 Baileigh Industrial 31XU 115/230V AC 1 Baileigh Industrial 31XU 11 11/2 11/2 11 11/2 11/2 11 11/2 11/2 11 11/2 11 11/2 11 11/2 11 11/2 11 11/2 11 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>								
5 % is in x 5 in 5 in 75 to 246 0° to 60° 10.0 A 1 Baileigh Industrial 55KM 5 in x 6 in 5 in 78 to 200 45° Left to 60° Right — 1 Baileigh Industrial 31XU 10 ¼ in x 6 ¼ in 7 in 66 to 280 45° Left to 60° Right — 1 Baileigh Industrial 31XU 10 ¼ in x 4 % in 8 ½ in 66 to 280 0° to 60° — 1 Baileigh Industrial 31XU 115/230V AC — 1 Baileigh Industrial 31 XU 31 to 50° — 1 Baileigh Industrial 31 XU 115/230V AC — 0° to 60° — 1 Baileigh Industrial 31 XU 2 in x 16 in, 8 ½ in x 14 in 9 in 82 to 235 45°, 90° 18.0/9.0 A 1 Jet 182 5 ½ in x 6 ½ in 10 in 10 in 10 in 210 x 33 to 257 45°, 90° 1 Jet 3WRI 10 in x 10 in, 7 in x 16 in 10 in 10 to 10 to 350 45°, 90° 18.0/9.0 A <td></td> <td>7 in</td> <td>125 to 270</td> <td>0° to 45°</td> <td>_</td> <td>1</td> <td>Baileigh Industrial</td> <td>31XU56</td>		7 in	125 to 270	0° to 45°	_	1	Baileigh Industrial	31XU56
5 in x 6 in 5 in 78 to 200 45° Left to 60° Right — 1 Baileigh Industrial 31XU 8 ¼ in x 6 1¼ s in 7 in 66 to 280 45° Left to 60° Right — 1 Baileigh Industrial 31XU 110/2 x in x 4 ⅓ s in 8 ⅓ in 66 to 280 0° to 60° — 1 Baileigh Industrial 31XU 115/2 20V AC 2 1 x 6 in x 14 in 9 in 82 to 235 45° , 90° 18.0/9.0 A 1 Jet 18F2 5 ½ in x 6 ½ in x 14 in 9 in 82 to 235 45° , 90° 18.0/9.0 A 1 Jet 18F2 5 ½ in x 6 ½ in 5 in 80 to 200 0° — 1 Jet 18F2 9 in x 13 in 9 in 82 to 235 45° , 90° 18.0/9.0 A 1 Jet 3WR1 10 in x 10 in, 7 in x 16 in 10 in 10 to 350 45° , 90° 18.0/9.0 A 1 Jet 3WR1 13 in x 5 ¼ in, 13 8 in 82 to 310 45° , 90° 18.0/9.0 A 1 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>								
B ¼ in x 6 ¼ ki n 7 in 66 to 280 45° Left to 60° Right — 1 Baileigh Industrial 31XU 115/230V AC - 1 Baileigh Industrial 31XU Baileigh Industrial 31XU 115/230V AC - 1 Baileigh Industrial 31XU Baileigh Industrial 31XU 115/230V AC - 1 Baileigh Industrial 31XU Baileigh Industrial 31XU 2 in x 16 in, 8 ½ in x 14 in 9 in 82 to 235 45°, 90° 18.0/9.0 A 1 Jet 18F2 5 ½ in x 6 ½ in 5 in 80 to 200 0° — 1 Det 18F2 9 in x 13 in 9 in 53 to 257 45°, 90° — 1 Jet Elite 20UT 9 in x 13 in x 16 in 10 in 100 to 350 45°, 90° 18.0/9.0 A 1 Jet SWRR 13 in x 5 ¼ in, 13 8 in 82 to 310 45°, 90° 18.0/9.0 A 1 Jet Elite 20UT 14 in x 8 in, 2 in x 14 in 8 in 135 to 256 4						1		55KM80
10 ¼ in x 4 ¾ 6 in 8 ¾ in 66 to 280 0° to 60° — 1 Baileigh Industrial 31XU 2 in x 16 in, 8 ½ in x 14 in 9 in 82 to 235 45°, 90° 18.0/9.0 A 1 Jet 18F2 5 ½ in x 6 ½ in x 6 ½ in 5 in 80 to 200 0° — 1 Jet 18F2 5 ½ in x 6 ½ in 5 in 80 to 200 0° — 1 Jet 18F2 9 in x 16 in 9 in 53 to 257 45°, 90° — 1 Jet Elite 200T 9 in x 13 in 9 in 82 to 235 45°, 90° 18.0/9.0 A 1 Jet 3WR1 10 in x 10 in 10 to 1050 45°, 90° 18.0/9.0 A 1 Jet 3WR1 13 in x 5 ¼ in, 13 8 in 82 to 310 45°, 90° 18.0/9.0 A 1 Jet Elite 200T 14 in x 8 in, 2 in x 14 in 8 in 135 to 256 45°, 90° — 1 Jet 42W9 7 ½ in x 5 in 5 in 80 to 200 45°, 90°						1		31XU39
115/230V AC 2 in x 16 in, 8 ½ in x 14 in 9 in 82 to 235 45°, 90° 18.0/9.0 A 1 Jet 18F2 5 ½ in x 6 ½ in 5 in 80 to 200 0° — 1 Dayton 2 LKT 6 in x 16 in 9 in 53 to 257 45°, 90° — 1 Dayton 2 LKT 9 in x 13 in 9 in 82 to 235 45°, 90° — 1 Jet Elite 200T1 10 in x 10 in, 7 in x 16 in 10 in 100 to 350 45°, 90° 18.0/9.0 A 1 Jet 3WRI 13 in x 5 ¼ in, 13 8 in 82 to 310 45°, 90° 18.0/9.0 A 1 Jet SWRI 14 in x 8 in, 2 in 8 in 135 to 256 45°, 90° — 1 Jet Elite 200T1 14 in x 8 in, 2 in x 14 in 8 in 135 to 256 45°, 90° — 1 Jet 42W9 7 ½ kin x 5 in 5 in 80 to 200 45°, 90° 9.0/4.5 A 1 Jet 42W9					_	1		31XU43
2 in x 16 in, 8 ½ in x 14 in 9 in 82 to 235 45°, 90° 18.0/9.0 A 1 Jet 1822 5 ½ in x 6 ½ in 5 in 80 to 200 0° — 1 Dayton 2LK7 6 in x 16 in 9 in 53 to 257 45°, 90° — 1 Dayton 2LK7 9 in x 13 in 9 in 82 to 235 45°, 90° — 1 Jet Elite 20UT 10 in x 10 in 10 in 100 to 350 45°, 90° 18.0/9.0 A 1 Jet 3WR1 13 in x 5 ½ in , 13 8 in 82 to 310 45°, 90° 18.0/9.0 A 1 Jet Elite 20UT 14 in x 2 in 8 in 82 to 310 45°, 90° 18.0/9.0 A 1 Jet Elite 20UT 14 in x 5 in , 13 to 556 45°, 90° — 1 Jet Elite 20UT 14 in x 6 in , 2 in x 14 in 8 in 135 to 256 45°, 90° — 1 Jet 42W9 7 ½ in x 5 in 5 in 80 to 200 45°, 90° 9.0/4.5 A		8 1 in	66 to 280	0° to 60°	_	1	Baileigh Industrial	31XU46
5 ½ in x 6 ½ in 5 in 80 to 200 0° 1 Dayton 2LKT 6 in x 16 in 9 in 53 to 257 45°, 90° 1 Dayton 2LKT 9 in x 16 in 9 in 53 to 257 45°, 90° 1 Det Elite 20UT 9 in x 16 in 9 in 82 to 235 45°, 90° 18.0/9.0 A 1 Jet 3WRI 10 in x 10 in, 7 in x 16 in 10 in 100 to 350 45°, 90° 18.0/9.0 A 1 Jet 3WRI 13 in x 5 1⁄ in, 13 8 in 82 to 310 45°, 90° 18.0/9.0 A 1 Jet Elite 20UT 14 in x 8 in, 2 in x 14 in 8 in 135 to 256 45°, 90° 1 Jet Elite 20UT 7 15 kn C Jet 42W9 1 Jet 42W9								
6 in x 16 in 9 in 53 to 257 45° 90° — 1 Jet Elite 20017 9 in x 13 in 9 in 82 to 235 45° 90° 18.0/9.0 A 1 Jet 3WR1 10 in x 10 in, 7 in x 16 in 10 in 10 in 10 in 350 45° 90° 18.0/9.0 A 1 Jet 3WR1 13 in x 5 ¼ in, 13 8 in 82 to 310 45° 90° 18.0/9.0 A 1 Jet Elite 20017 14 in x 8 in, 2 in 8 in 135 to 256 45° 90° — 1 Jet Elite 20017 14 in x 8 in, 2 in x 14 in 8 in 135 to 256 45° 90° — 1 Jet 42W9 7 ½ in x 5 in 5 in 80 to 200 45° 90° 9.0/4.5 A 1 Jet 42W9					18.0/9.0 A	1		18F211
9 inx 13 in 9 in 82 to 235 45°, 90° 18.0/9.0 A 1 Jet 3WR1 10 inx 10 in, 7 inx 16 in 10 in 100 to 350 45°, 90° 18.0/9.0 A 1 Jet 3WR1 13 inx 5 ¼ in, 13 8 in 82 to 310 45°, 90° 18.0/9.0 A 1 Jet 3WR1 14 inx 2 in 8 in 82 to 310 45°, 90° 18.0/9.0 A 1 Jet Elite 20UT 14 inx 6 in, 2 inx 14 in 8 in 135 to 256 45°, 90° — 1 Jet 42W9 7 ½ inx 5 in 5 in 80 to 200 45°, 90° 9.0/4.5 A 1 Jet 42W9				0°	—	1		2LKT4
10 in x 10 in, 7 in x 16 in 10 in 100 to 350 45°, 90° 18.0/9.0 A 1 Jet 3WR1 13 in x 5 ¼ in, 13 8 in 82 to 310 45°, 90° 18.0/9.0 A 1 Jet Elite 20UT 14 in x 8 in, 2 in 8 in 135 to 256 45°, 90° - 1 Jet Elite 20UT 14 in x 8 in, 2 in x 14 in 8 in 135 to 256 45°, 90° - 1 Jet 42W9 115V AC 7 7½ in x 5 in 5 in 80 to 200 45°, 90° 9.0/4.5 A 1 Jet 42W9				45°, 90°		1		20UT93
13 in x 5 ½ in ,13 8 in 82 to 310 45°,90° 18.0/9.0A 1 Jet Elite 20011 14 in x 2 in 8 in 135 to 256 45°,90° — 1 Jet 42W9 115VAC 7 ½ in x 5 in 5 in 80 to 200 45°,90° 9.0/4.5 A 1 Jet 42W9				45°, 90°		1		3WRL8
14 in x 2 in 8 in 82 to 310 43°, 30° 18.0/9.0A 1 Jet Elite 2001 14 in x 8 in, 2 in x 14 in 8 in 135 to 256 45°, 90° — 1 Jet 42W9 115V AC 7 7/2 in x 5 in 5 in 80 to 200 45°, 90° 9.0/4.5 A 1 Jet 42W9	10 in x 10 in, 7 in x 16 in	10 in	100 to 350	45°, 90°	18.0/9.0 A	1	Jet	3WRN6
14 in x 8 in, 2 in x 14 in 8 in 135 to 256 45°, 90° — 1 Jet 42W9 115V AC 7 ½ in x 5 in 5 in 80 to 200 45°, 90° 9.0/4.5 A 1 Jet 42W9		8 in	82 to 310	45°, 90°	18.0/9.0A	1	Jet Elite	20UT91
7 ½ in x 5 in 5 in 80 to 200 45°, 90° 9.0/4.5 A 1 Jet 42W9	14 in x 8 in, 2 in x 14 in	8 in	135 to 256	45°, 90°	—	1	Jet	42W916
		5 IN	85 to 200	45°, 90°	9.0/4.5 A	1	Jet	3WRN5
120V 7 in x 10 ³ / ₆ in 7 in 125 to 270 0° to 45° — 1 Baileigh Industrial 31XU		7 in	125 to 270	0° to 45°	_	1	Baileigh Industrial	31XU57
220V AC	220V AC							
8 ¹³ / ₁₆ in x 13 ¹ / ₂ in 8 ⁷ / ₈ in 82 to 235 0° to 45° — 1 Baileigh Industrial 31XU	8 ¹³ / ₁₆ in x 13 ½ in	8 7/8 in	82 to 235	0° to 45°	_	1	Baileigh Industrial	31XU59
				0° to 45°	_	1		31XU49
			66 to 280	45° Left to 60° Bight	_	1		31XU47
					30.0 A	<u>i</u>		157791
				45° Left to 60° Right	_	3		31XU41
					_			31XU51
230V AC			02 10 27 0	0 10 10		· ·	Danoigii induotiilai	0111001
		9 in	105 to 216	0° to 60°	7.0	1	Davton	499F59
10 in x 16 in, 6 ½ in x 18 in 10 in 82 to 330 45°, 90° 15.0 A 1 Jet 18F2						1		18F213
10 in x 16 in, 6 ½ in x 18 in 10 in 82 to 330 45°, 90° 15.0 A 1 Jet 18F2 18 in x 3 ½ in 10 in 53 to 257 45°, 90° — 1 Jet Elite 2001	18 in x 3 ½ in	10 in		45°, 90°		1		20UT92
460V AC			0010207	10 ,00			oor Ento	200102
		10 in	100 to 350	45° 90°	4 0 A	3	Jet	42W922
Non-Mitering Band Saws		10 11		10,00	1.071		001	
220V AC	220V AC							
7 in x 11 7/16 in 8 in 59 to 260 0° 3.4 A 3 Sharp 446N	7 in x 11 7/16 in	8 in	59 to 260		3.4 A	3	Sharp	446N83
				0°		3		446N84



Non-Mitering 446N83

How to Select a Live Center

3. Determine required operating speed.

4. Determine point style that best suits application. Standard points are best when rigidity and weight requirements are most important. Longer points offer maximum tool clearance when needed.

Dual-Bearing Bull Head 41LK14		C	aring De NC Point 11LJ92		CNC Car	Bearing bide Point LJ99 Dead Center 41LJ59		
Point Style	Morse Taper	Head Dia.	Head Length	Point Dia	Max. Workpiece . Weight	Max. Speed	Thrust Load	ltem No.
	2 MT 3 MT 3 MT	13/4 in 2.3300 in 15/16 in	1.4700 in 1¾ in	7/8 in 1 in ^{35/64} in	725 lb 970 lb 940 lb	6,000 RPM 5,000 RPM 5,000 RPM	2,360 lb 3,900 lb 315 lb	41LJ87 41LJ88 41LK02
Standard Point	4 MT 4 MT 4 MT	1.2310 in 2.6800 in 3.3800 in		5% in 1 1⁄4 in 3⁄4 in	1,400 lb 1,720 lb 1,165 lb	4,500 RPM 4,500 RPM 3,500 RPM	435 lb 4,050 lb 5,700 lb	41LK03 41LJ89 41LK07
	4 MT 5 MT 5 MT	21/2 in 3.3800 in 3.4500 in	2.6000 in 3.1500 in 1.8400 in	5% in 3% in 1 ½ in	685 lb 1,165 lb 3,260 lb	4,000 RPM 3,500 RPM 3,500 RPM	5,000 lb 5,700 lb 5,700 lb	41LK08 41LK08 41LJ90
Point Type	6 MT e M	4 in lorse Taper	2.3100 in Head	2 in Dia.	4,080 lb Head Length	3,500 RPM	6,000 lb Dia.	41LJ91 Item No.
Dead Center	r							
Carbide — Threaded Point —		3 MT 4 MT 5 MT	0.93 1.23 1.74	10 in		3% ir 1⁄2 ir 1⁄2 ir	1 <i>4</i>	41LJ72 41LJ73 41LJ74
Full Carbide Point		2 MT 3 MT	0.7000 in 0.9380 in		1 % in 1 11/16 in	3% in 1⁄2 in		41LJ64 41LJ65
		4 MT 5 MT 2 MT	1.2310 in 1.7480 in 0.7000 in		2 1/4 in 2 3/4 in 1 3/8 in			41LJ66 41LJ67 41LJ59
		3 MT 4 MT 5 MT	0.9380 in 1.2310 in		1 ¹¹ / ₁₆ in 2 ¹ / ₄ in 2 ³ / ₄ in	1/2 ir 1/2 ir 5/8 ir	1 4	41LJ60 41LJ61 41LJ62
Threaded Point		3 MT 4 MT	1.7480 in 0.9380 in 1.2310 in			3/8 ir 1/2 ir	1 <i>4</i>	41LJ69 41LJ70