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Details on page A1.

Ball Bearing
4LHL2

Plain Bearing
3M312

Stainless Steel
2DZH9

Jacobs CHUCK LLAMBRICH USA

Ball and Plain Bearing Drill Chucks

Chuck jaws are center ground for absolute straightness and alignment. Through-hardened sleeve teeth and hardened chuck nose provide superior wear resistance.

Ball Bearing—Engineered for heavy-duty, close tolerance production drilling. Designed to work with a wide range of production drilling equipment, jig borers, milling machines, lathes, and radials. Ball thrust bearings reduce friction and increase grip torque and overall performance.

Plain Bearing—Llambrich USA chucks feature 1-pc. gearing and sleeve to reduce the possibility of broken teeth. Ideal for stationary drilling, turning, milling, and wood working machines. Designed for medium-duty industrial use. Use threaded mounts for hand-held drilling, and tapered mounts for stationary driling machines. Jacobs® chucks were designed for heavy- and medium-duty applications using portable, bench, or floor-mounted power tools.

Stainless Steel—Designed for applications requiring chemical corrosion resistance and/or where there is a potential for hazardous sparking. 1-pc. sleeve design eliminates cracks between drilling teeth. For use with portable or stationary machine tools.

Capacity Max.	Capacity Min.	Mounting Size	Key No.	JACOBS Item No.	LLAMBRICH USA Item No.
Ball					
0.250"	0.040"	JS2	K30	**3L872**	—
	0.040"	JT2	K30	—	**4LHK6**
0.375"	0.040"	JT2	K32	**3L874**	—
0.500"	0.040"	JT3	K3	**3L876**	**4LHK8**
0.625"	0.125"	JT3	K4	**3L878**	**4LHK9**
0.750"	0.125"	JT4	K4	**3L880**	**4LHL1**
1.000"	0.380"	JT5	K5	—	**4LHL2**
Plain					
Medium-Duty					
0.156"	0.0135"	5/16"-24	K0	**3M245**	**4LHP1**
0.250"	0.040"	3/8"-24	K1	**3M304**	**4LHP2**
	0.040"	JT1	K1	**3M301**	—
0.375"	0.040"	3/8"-24	K30	**3L964**	—
	0.040"	3/8"-24	K2	**3M308**	—
	0.040"	3/8"-24	K34	—	**4LHP4**
	0.040"	1/2"-20	K30	**3L970**	**4LHP5**
	0.040"	JT1	K30	—	**4LHN1**
	0.040"	JT2	K2	**3M306**	**4LHL9**
	0.040"	JT2	K30	—	**4LHN2**
0.500"	0.080"	3/8"-24	K32	**3M400**	**4LHP7**
	0.080"	1/2"-20	K32	**3M453**	**4LHP6**
	0.080"	5/8 in -16	K32	**3M502**	**4LHP8**
	0.080"	JT33	K32	**3M396**	**4LHN3**
Heavy-Duty					
0.250"	0.040"	3/8"-24	K7	**3M344**	**4LHN4**
0.375"	0.040"	1/2"-20	K32	**3P036**	—
0.500"	0.040"	JT2	K3	**3L852**	**4LHL4**
	0.040"	JT33	K3	**3L854**	**4LHL6**
	0.040"	JT33	K3C	**3L856**	—
	0.040"	JT6	K3	—	**4LHL5**
0.625"	0.125"	5/8 in -16	K3	**3M341**	**4LHN6**
	0.125"	JT3	K3	**3M312**	**4LHL3**
	0.156"	1/2"-20	K3	**3L862**	**4LHN7**
0.800"	0.188"	5/8 in -16	K4	**3M526**	—
	0.188"	3/4"-16	K4	**3M528**	—
	0.188"	JT3	K4	—	**4LHL7**
Stainless Steel					
0.156"	0.028"	5/16"-24	KOM	**2DZJ1**	—
	0.028"	JT0	KOM	**2DZH9**	—
0.250"	0.028"	5/16"-24	K1M	**2DZJ3**	—
	0.028"	3/8"-24	K1M	**2DZJ4**	—
	0.028"	JT1	K1M	**2DZJ2**	—

Medium-Duty
2YCR8

High Torque
4LHF5

High Torque w/Shank
2YCP3

High Precision
4LHH6

LLAMBRICH USA Jacobs CHUCK

Keyless Chucks

Designed for high accuracy applications on conventional or CNC equipment.

Medium-Duty—Self-tightening feature automatically increases gripping force proportional to increased torque, preventing tool shank slippage in clockwise rotation. Automatic fitting eases quick tool changes.

High Torque—In addition to the features listed for Medium-Duty Chucks, these models have milled wrench flats and spanner, allowing for supplementary gripping torque. Light tightening increases gripping torque up to 3 times over hand tightening. Right-hand rotation and instant spindle stop make chucks resistant to tool loosening on high-speed machines.

High Torque With Shank—Integrated design keeps arbor and drill chuck together. Compact design minimizes accumulated run-out. Precision tested and certified to 0.0016" (0.04 mm) T.I.R. maximum at maximum capacity. For right-hand rotation applications only.

High Precision—Self-tightening feature automatically increases gripping force proportional to increased torque, preventing tool shank slippage. Automatic fitting eases fast tool changes. Precision tested and certified to 0.0016" (0.04 mm) T.I.R. maximum at maximum capacity.

Capacity Max.	Capacity Min.	Mounting Size	LLAMBRICH USA Item No.	JACOBS Item No.
Medium Duty				
0.315"	0"	JT1	**4LHD8**	—
	0"	JT2	**4LHD9**	—
	0.031"	3/8"-24	**4LHD7**	—
0.394"	0"	1/2"-20	**4LHE2**	—
	0"	JT2	**4LHE3**	—
	0.031"	3/8"-24	**4LHE1**	—
0.512"	0.039"	3/8"-24	**4LHE4**	—
	0.039"	1/2"-20	—	**2YCR7**
	0.039"	JT2	**4LHE7**	**2YCR9**
	0.039"	JT33	—	**2YCR8**
	0.039"	JT6	**4LHE8**	**2YCT1**
0.625"	0.125"	JT33	**4LHE6**	—
0.630"	0.039"	1/2"-20	**4LHE9**	—
	0.118"	5/8 in -16	**4LHF1**	—
	0.118"	JT6	**4LHF2**	—
0.787"	0.197"	JT3	**4LHF3**	—
High Torque				
0.255"	0"	JT1	**4LHG2**	**2YCN3**
0.315"	0"	JS2	**4LHF4**	—
0.394"	0"	JT2	**4LHG1**	**2YCK3**
	0"	JT33	**4LHF9**	—
0.512"	0.039"	JT2	**4LHF5**	**2YCJ7**
	0.039"	JT33	**4LHF6**	**2YCJ8**
	0.039"	JT6	**4LHF7**	**2YCJ9**
0.630"	0.118"	JT6	**4LHF8**	**2YCK1**
High Torque w/Intergrated Shank				
0.315"	0"	MT2	**4LHG3**	—
0.394"	0"	MT2	**4LHG4**	**2YCN8**
0.512"	0.039"	5/8 in -16	**4LHG9**	—
	0.039"	MT2	**4LHG5**	**2YCN9**
	0.039"	MT3	**4LHG6**	**2YCP1**
	0.039"	MT4	**4LHG7**	**2YCP2**
	0.039"	R8	**4LHG8**	**2YCP3**
0.630"	0.118"	MT2	**4LHH1**	—
	0.118"	MT3	**4LHH2**	**2YCP6**
	0.118"	MT4	**4LHH3**	**2YCP7**
	0.118"	R8	**4LHH4**	**2YCP8**
High Precision				
0.118"	0"	5/16"-24	**4LHH8**	—
	0"	JT0	**4LHH6**	—
	0"	JT1	**4LHH7**	—
0.255"	0.012"	JT1	**4LHH5**	**2YCN2**
0.315"	0.012"	JS2	**4LHH9**	**2YCT7**
0.394"	0.020"	JT2	—	**3P040**
	0.020"	JT33	**4LHJ1**	**3P042**
0.512"	0.039"	JT2	**4LHJ3**	**2YCU2**
	0.039"	JT33	**4LHJ4**	—
	0.039"	JT6	**4LHJ5**	**2YCU3**
0.630"	0.118"	JT6	**4LHJ6**	**2YCU4**