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Curtis Carries a Complete Line of Universal Joints in 14 O.D. Sizes

o assure you of prompt service, Curtis stocks at all times 14 sizes of joints with solid and bored hubs.

Standard alloy steel Curtis Turn-Key Joints are also available from stock, and are ready for installation with standard bores, keyways and set screws already installed.

Curtis Alloy Steel Joints employ the use of leaded alloys for all major component parts of their joints. The use of leaded materials greatly improves the machinability of these alloys.

Curtis Alloy Steel Joints feature 41L40-grade steel for all forks. Forks of 7/8" diameter and larger have induction-hardened bearing areas for strength and durability. The body (hubs) of the joints remain in an annealed state, which affords free machinability. Center blocks and pins are machined from 86L20 alloy steel. Center-blocks and pins are carburized and case hardened to generate superior wear characteristics yet remain ductile, thereby enabling the joint to handle shock loads without experiencing premature failure.

For assistance in ordering your universal joints, please refer to Curtis' How to Order instructions on page 19. To check the static torque rating, dimensions, weight and other specific characteristics of Standard Curtis Alloy Steel Joints, please refer to the Selection Guides for single, double and Turn-Key joints.

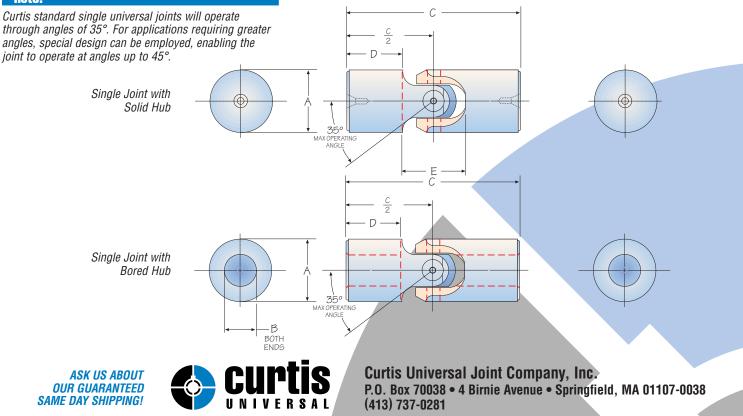
MEET MILITARY SPEC. MIL-U-20625A, CLASS A											
SINGLE JOINTS		BREAKING LOADS		DIMENSIONS OF STANDARD JOINTS IN INCHES					APPROXIMATE		
Standard Solid Hub	Standard Bored Hubs Bore 1/2 of O.D.	Static Torque Rating	Compression or Tension Load	Outside Dia. "A"	Bore Dia. "B"	Total Length "C"	Hub/Bore Length "D"	Shaft to Shaft Distance "E"	WEIGHT IN POUNDS		
Cat. No.	Cat. No.	Inch Pounds	Pounds	+.000 003	<u>+</u> .001	±1/64 **±1/32	±1/64		Solid Hubs	Bored Hubs	
CJ641	CJ641B	140	_	3/8"	3/16"	1-3/4"	11/16"	3/8"	.05	.04	
CJ642	CJ642B	425	1200	1/2"	1/4"	2"	3/4"	1/2"	.10	.08	
CJ643	CJ643B	900	2000	5/8"	5/16"	2-1/4"	13/16"	5/8"	.18	.14	
CJ644	CJ644B	1610	3200	3/4"	3/8"	2-11/16"	31/32"	3/4"	.30	.24	
CJ645	CJ645B	1800	4600	7/8"	7/16"	3"	1-1/32"	15/16"	.45	.31	
CJ646	CJ646B	3050	5600	1"	1/2"	3-3/8"	1-3/16"	1"	.66	.50	
CJ647	CJ647B	3500	6000	1-1/8"	9/16"	3-1/2"	1-7/32"	1"	.88	.69	
CJ648	CJ648B	5500	8800	1-1/4"	5/8"	3-3/4"	1-1/4"	1-1/4"	1.15	.88	
CJ650	CJ650B	9000	14000	1-1/2"	3/4"	4-1/4"	1-11/32"	1-9/16"	1.81	1.44	
CJ651	CJ651B	14000	18000	1-3/4"	7/8"	**5"	1-9/16"	1-7/8"	2.86	2.31	
CJ652	CJ652B	22000	25000	2"	1"	**5-7/16"	1-5/8"	2-3/16"	4.06	3.31	
CJ653	CJ653B	32000	35000	2-1/2"	1-1/4"	**7"	2-3/32"	2-13/16"	8.25	6.81	
CJ654	CJ654B	55000	_	3"	1-1/2"	**9"	2-27/32"	3-5/16"	15.25	12.5	
CJ655	CJ655B	131000	_	4"	2"	**10-5/8"	3-1/8"	4-3/8"	31.3	25.8	

SELECTION GUIDE - ALLOY STEEL

BLOCK AND PIN TYPE STANDARD SINGLE JOINTS

Universal joint hub modifications are available in metric, which include but may not be limited to bores, keyways, set screw holes, square holes and hex holes. Contact the Curtis sales department for more information.

note:



TO ORDER OR FOR MORE INFORMATION: (888) 885-6468 fax (413) 737-8430 • www.curtisuniversal.com

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