

MULTICEN-MIN

Multifunctional / Tube Processing Center



Description: An economic, compact unit designed to carry out a multitude of the necessary functions for machining rigid hydraulic tubes, including bending, 24° ring preassembly, 37° flaring and deburring.



Bending



37° Flaring



Deburring



Preassembly

Tube Materials:

Stainless (AISI 316 TI) or Carbon (ST37.4) Steel

Bending

Tube Diameter Range (in) 1/4 - 1 1/2

Tube Max. Width (in) 0.15

Max Bending Angle 170°

24° Preassembly

Tube Diameter Range (in) 0.236 - 1.654

Tube Max. Width (in) 0.15

37° Flaring

Tube Diameter Range (in) 1/4 - 1 1/2

Tube Max. Width (in) 0.158

Deburring

Tube Max. Size (in) 1/4 - 1 1/2

Multicenter Size

L x W x H (in) 28.4 x 36.2 x 51.0

Weight (lbs) 454

Part Number

MULTICEN-MIN-230/1

Motor Info

2.3 HP (230 V) 1 PH

Included Accessories:



Handheld
Electronic Control

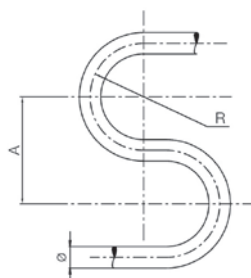


Tool Holder

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MULTICEN-MIN & MULTICEN-JR

Bending



Bending Tools for MULTICEN-MIN and MULTICEN-JR

Part Number	Description	Tubing OD (in)	Min. Bend Radius (in)	Max. Bend Angle (°)	A (mm)	B (mm)
BENDTOOL-JR-6	Bending Tool Ø 6 mm	6.0	15.0	170	60	70
BENDTOOL-JR-8	Bending Tool Ø 8 mm	8.0	16.5	170	60	70
BENDTOOL-JR-10	Bending Tool Ø 10 mm	10.0	27.5	170	70	115
BENDTOOL-JR-12	Bending Tool Ø 12 mm	12.0	32.5	170	80	120
BENDTOOL-JR-14	Bending Tool Ø 14 mm	14.0	46.0	170	110	180
BENDTOOL-JR-15	Bending Tool Ø 15 mm	15.0	46.0	170	110	180
BENDTOOL-JR-16	Bending Tool Ø 16 mm	16.0	48.0	170	110	180
BENDTOOL-JR-18	Bending Tool Ø 18 mm	18.0	48.0	170	110	190
BENDTOOL-JR-20	Bending Tool Ø 20 mm	20.0	66.0	170	140	230
BENDTOOL-JR-22	Bending Tool Ø 22 mm	22.0	66.0	160	140	240
BENDTOOL-JR-25	Bending Tool Ø 25 mm	25.0	81.5	160	170	270
BENDTOOL-JR-28	Bending Tool Ø 28 mm	28.0	81.0	160	180	300
BENDTOOL-JR-30	Bending Tool Ø 30 mm	30.0	98.5	150	220	300
BENDTOOL-JR-32	Bending Tool Ø 32 mm	32.0	101.0	150	220	300
BENDTOOL-JR-35	Bending Tool Ø 35 mm	35.0	125.5	120	250	440
BENDTOOL-JR-38	Bending Tool Ø 38 mm	38.0	116.0	120	250	440
BENDTOOL-JR-42	Bending Tool Ø 42 mm	42.0	126.0	120	250	440

Part Number	Description	Tubing OD (in)	Min. Bend Radius (in)	Max. Bend Angle (°)	A (mm)	B (mm)
BENDTOOL-JR-1/4	Bending Tool Ø 1/4"	1/4	0.65	170	2.36	2.76
BENDTOOL-JR-3/8	Bending Tool Ø 3/8"	3/8	1.08	170	2.76	4.53
BENDTOOL-JR-1/2	Bending Tool Ø 1/2"	1/2	1.28	170	3.15	4.72
BENDTOOL-JR-5/8	Bending Tool Ø 5/8"	5/8	1.88	170	4.33	7.09
BENDTOOL-JR-3/4	Bending Tool Ø 3/4"	3/4	1.88	170	4.33	7.09
BENDTOOL-JR-1	Bending Tool Ø 1"	1	3.20	160	6.69	10.63
BENDTOOL-JR-1 1/4	Bending Tool Ø 1 1/4"	1 1/4	3.97	150	8.66	11.81
BENDTOOL-JR-1 1/2	Bending Tool Ø 1 1/2"	1 1/2	4.56	120	9.84	17.32

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Preassembly Sockets for MULTICEN-MIN and MULTICEN-JR

Part Number	Description	Tubing OD (mm)
PRESOCK-JR-6L	Light Preassembly Socket Ø 6 mm	6.0
PRESOCK-JR-6S	Heavy Preassembly Socket Ø 6 mm	6.0
PRESOCK-JR-8L	Light Preassembly Socket Ø 8 mm	8.0
PRESOCK-JR-8S	Heavy Preassembly Socket Ø 8 mm	8.0
PRESOCK-JR-10L	Light Preassembly Socket Ø 10 mm	10.0
PRESOCK-JR-10S	Heavy Preassembly Socket Ø 10 mm	10.0
PRESOCK-JR-12L	Light Preassembly Socket Ø 12 mm	12.0
PRESOCK-JR-12S	Heavy Preassembly Socket Ø 12 mm	12.0
PRESOCK-JR-14S	Heavy Preassembly Socket Ø 14 mm	14.0
PRESOCK-JR-15L	Light Preassembly Socket Ø 15 mm	15.0
PRESOCK-JR-16S	Heavy Preassembly Socket Ø 16 mm	16.0
PRESOCK-JR-18L	Light Preassembly Socket Ø 18 mm	18.0
PRESOCK-JR-20S	Heavy Preassembly Socket Ø 20 mm	20.0
PRESOCK-JR-22L	Light Preassembly Socket Ø 22 mm	22.0
PRESOCK-JR-25S	Heavy Preassembly Socket Ø 25 mm	25.0
PRESOCK-JR-28L	Light Preassembly Socket Ø 28 mm	28.0
PRESOCK-JR-30S	Heavy Preassembly Socket Ø 30 mm	30.0
PRESOCK-JR-35L	Light Preassembly Socket Ø 35 mm	35.0
PRESOCK-JR-38S	Heavy Preassembly Socket Ø 38 mm	38.0
PRESOCK-JR-42L	Light Preassembly Socket Ø 42 mm	42.0

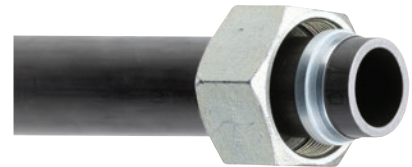
Preassembly Plates for MULTICEN-MIN and MULTICEN-JR

Part Number	Description	Tubing OD (mm)
PREPLATE-JR-6	Preassembly Plate Ø 6 mm	6.0
PREPLATE-JR-8	Preassembly Plate Ø 8 mm	8.0
PREPLATE-JR-10	Preassembly Plate Ø 10 mm	10.0
PREPLATE-JR-12	Preassembly Plate Ø 12 mm	12.0
PREPLATE-JR-14	Preassembly Plate Ø 14 mm	14.0
PREPLATE-JR-15	Preassembly Plate Ø 15 mm	15.0
PREPLATE-JR-16	Preassembly Plate Ø 16 mm	16.0
PREPLATE-JR-18	Preassembly Plate Ø 18 mm	18.0
PREPLATE-JR-20	Preassembly Plate Ø 20 mm	20.0
PREPLATE-JR-22	Preassembly Plate Ø 22 mm	22.0
PREPLATE-JR-25	Preassembly Plate Ø 25 mm	25.0
PREPLATE-JR-28	Preassembly Plate Ø 28 mm	28.0
PREPLATE-JR-30	Preassembly Plate Ø 30 mm	30.0
PREPLATE-JR-32	Preassembly Plate Ø 32 mm	32.0
PREPLATE-JR-35	Preassembly Plate Ø 35 mm	35.0
PREPLATE-JR-38	Preassembly Plate Ø 38 mm	38.0
PREPLATE-JR-42	Preassembly Plate Ø 42 mm	42.0

Flaring Tools for MULTICEN-MIN and MULTICEN-JR

Part Number	Description	Tubing OD (mm)
FLAIRBLOCK-JR	Flaring Block	6-42
FLAIRTOOL-JR-6	Flaring Tool Ø 6 mm	6.0
FLAIRTOOL-JR-8	Flaring Tool Ø 8 mm	8.0
FLAIRTOOL-JR-10	Flaring Tool Ø 10 mm	10.0
FLAIRTOOL-JR-12	Flaring Tool Ø 12 mm	12.0
FLAIRTOOL-JR-14	Flaring Tool Ø 14 mm	14.0
FLAIRTOOL-JR-15	Flaring Tool Ø 15 mm	15.0
FLAIRTOOL-JR-16	Flaring Tool Ø 16 mm	16.0
FLAIRTOOL-JR-18	Flaring Tool Ø 18 mm	18.0
FLAIRTOOL-JR-20	Flaring Tool Ø 20 mm	20.0
FLAIRTOOL-JR-22	Flaring Tool Ø 22 mm	22.0
FLAIRTOOL-JR-25	Flaring Tool Ø 25 mm	25.0
FLAIRTOOL-JR-28	Flaring Tool Ø 28 mm	28.0
FLAIRTOOL-JR-30	Flaring Tool Ø 30 mm	30.0
FLAIRTOOL-JR-32	Flaring Tool Ø 32 mm	32.0
FLAIRTOOL-JR-35	Flaring Tool Ø 35 mm	35.0
FLAIRTOOL-JR-38	Flaring Tool Ø 38 mm	38.0
FLAIRTOOL-JR-42	Flaring Tool Ø 42 mm	42.0

Preassembly



Note: Metric Tube Nuts (MTN Series) and Bite Sleeves (MBS Series) available. Refer to Kuriyama Hydraulic Connections Catalog pgs. 214-216.

37° Flaring



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