

Airetool Boiler Expanders

Right Angle Gear Drive and Parallel Gear Drive

Precision gear drives provide the means to expand tubes in close, hard-to-reach places.



RIGHT ANGLE GEAR DRIVE



PARALLEL GEAR DRIVE

Part Number	Gear Drive Number	Size Housing	Size Drive Square	Size Driven Square	Overall Length	Housing Width	Housing Thickness	Housing Length	Round Hand Hole Tool Enters	Weight of Tool
-------------	-------------------	--------------	-------------------	--------------------	----------------	---------------	-------------------	----------------	-----------------------------	----------------

Right Angle Gear Drive

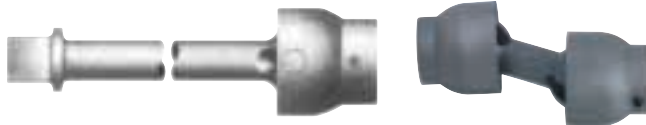
5169900	RA-100	1/2"	1/2"	1/2"	10"	2-1/4"	1-3/8"	3-1/4"	3-1/4"	3 lbs. 12 oz.
5170000	RA-101	1/2"	1/2"	3/4"	10"	2-1/4"	1-3/8"	3-1/4"	3-1/4"	3 lbs. 12 oz.
5170100	RA-102	1/2"	3/4"	3/4"	10"	2-1/4"	1-3/8"	3-1/4"	3-1/4"	3 lbs. 12 oz.
5170500	RA-106	3/4"	3/4"	3/4"	11-7/16"	2-3/4"	1-7/8"	4"	4"	7 lbs. 8 oz.
5170900	RA-110	1"	1"	1"	12-15/16"	3-1/4"	1-7/8"	4-1/2"	4-1/4"	9 lbs

Part Number	Gear Drive Number	Size Square	Overall Length	Width	Thickness	Distance Between Square Centers	Weight
-------------	-------------------	-------------	----------------	-------	-----------	---------------------------------	--------

Parallel Gear Drive

5169400	P-200	1/2"	8-1/2"	2"	1-5/16"	6"	5 lb. 8 oz.
5169500	P-201	5/8"	8-1/2"	2"	1-5/16"	6"	5 lb. 8 oz.
5169600	P-202	3/4"	9-1/4"	2-3/4"	1-5/16"	6"	8 lb. 4 oz.
5169700	P-203	7/8"	9-1/4"	2-3/4"	1-5/16"	6"	8 lb. 4 oz.
5169800	P-204	1"	9-1/4"	2-3/4"	1-5/16"	6"	8 lb. 4 oz.

Universal Joints



SINGLE UNIVERSAL JOINT

DOUBLE UNIVERSAL JOINT

Part Number	Square Socket		Length		Weight	
	In.	mm	In.	mm	Lbs.	Oz.

Single Universal Joint

5343500	3/8" SQ	9.5	9	228.6		8
5343600	3/8" SQ	9.5	12	203.2		10
5342800	1/2" SQ	12.7	9	225.6		10
5342900	1/2" SQ	12.7	12	203.2		12
5343000	1/2" SQ	12.7	16	406.4	1	
5343100	1/2" SQ	12.7	20	508.0	1	2
5343200	3/4" SQ	19.0	12	203.2	2	4
5343300	3/4" SQ	19.0	16	406.4	2	12
5343400	3/4" SQ	19.0	20	508.0	3	4
5342500	1" SQ	25.4	12	203.2	4	
5342600	1" SQ	25.4	16	406.4	4	12
5342700	1" SQ	25.4	20	508.0	5	8

Part Number	Description	Weight	
		Lbs.	Oz.

Double Universal Joint

5342400	3/8" SQ x 3/8" SQ (9.5 mm x 9.5 mm)		12
5342200	1/2" SQ x 1/2" SQ (12.7 mm x 12.7 mm)		14
5342300	3/4" SQ x 3/4" SQ (19 mm x 19 mm)	2	
5342100	1" SQ x 1" SQ (25.4 mm x 25.4 mm)	4	8

Extensions



EXTENSION TYPE A

EXTENSION TYPE B

Type		Size of Square		O.A.L. Length		Weight	
		In.	mm	In.	mm	Lbs.	Oz.
2114500	A	3/8	9.5	4	101.6		4
2037000	A	1/2	12.7	4	101.6		4
2111200	A	3/4	19.0	4	101.6		10
2002100	A	1	25.4	4	101.6	1	4
2114600	A	3/8	9.5	6	152.4		6
2037100	A	1/2	12.7	6	152.4		8
2111300	A	3/4	19.0	6	152.4	1	
2002200	A	1	25.4	6	152.4	2	
2114700	A	3/8	9.5	8	203.2		8
2037200	A	1/2	12.7	8	203.2		10
211400	A	3/4	19.0	8	203.2	1	8
2002400	A	1	25.4	8	203.2	2	12
2114800	B	3/8	9.5	10	254.0		6
2037400	B	1/2	12.7	10	254.0		8
2111800	B	3/4	19.0	10	254.0	1	9
2973293	B	3/8	9.5	12	304.8		8
2037800	B	1/2	12.7	12	304.8		10
5112200	B	3/4	19.0	12	304.8	1	10
2003200	B	1	25.4	12	304.8	2	14
2115100	B	3/8	9.5	20	508.0		12
2038800	B	1/2	12.7	20	508.4		1
2113300	B	3/4	19.0	20	508.4	2	9
2004300	B	1	25.4	20	508.4	4	8

Some items are available on a quotation basis only.