

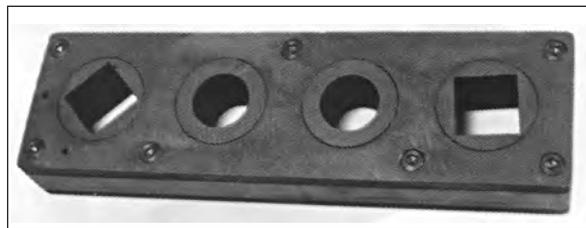
Right Angled Gear Drive



Ref. No.	■ Size		O/A Length	
	inch	mm	inch	mm
RAG 1	3/8	9.53	13	330.20
RAG 2	1/2	12.70	13 1/2	342.90
RAG 3	3/4	19.05	14 1/2	368.30
RAG 4	1	25.40	15	381.00

Designed for use inside header boxes where handholes are at a right angle to the tube centerline. For hand or power use. Other sizes are available.

Parallel Gear Drive



Ref. No.	■ Size		WORKING CENTRES	
	inch	mm	inch	mm
PGD 1	3/8	9.53	6	152.40
PGD 2	1/2	12.70	6	152.40
PGD 3	3/4	19.05	6	152.40
PGD 4	1	25.40	6	152.40

Designed for use inside header boxes where handholes are not in line with the tube centerline. Other sizes are available.

Ratchet Handles



Ref. No.	■ Size		Handle Length		Weight kg
	inch	mm	inch	mm	
RW 0	3/8	9.53	7 1/2	190.50	.32
RW 1	1/2	12.70	10	254.00	.75
RW 2	5/8	15.88	12 1/2	317.50	1.05
RW 3	3/4	19.05	15 1/4	387.50	1.50
RW 4	7/8	22.23	17 3/4	451.00	2.12
RW 5	1	25.40	21 7/8	555.50	3.12
RW 6	1 1/8	28.58	19 1/2	495.50	4.00
RW 7	1 1/4	31.75	19 3/4	501.50	4.14
RW 8	1 1/2	38.10	20	508.00	5.50

Rugged construction, for use with boiler expanders where power tools are not available.

RW 6,7 and 8 are supplied complete with extension handles 17" long.

Drive Extensions



Ref. No.	■ Size		■ Length		O/A Length	
	inch	mm	inch	mm	inch	mm
EX 1	3/8	9.53	1/2	12.70	7	177.8
EX 2	1/2	12.70	3/4	19.05	7 1/2	190.5
EX 3	3/4	19.05	1	25.40	8	203.2
EX 4	1	25.40	1 1/4	31.75	8 1/2	215.9

Designed for use with ratchets, universal joints, parallel gear drives; right angled gear drives, etc. to provide an accessible drive end. Other sizes available on request.

Universal Joints



Ref. No.	■ Size		O/A Length	
	inch	mm	inch	mm
UJ 1	3/8	9.53	2 1/2	63.50
UJ 2	1/2	12.70	3 3/8	85.72
UJ 3	3/4	19.05	4 1/4	108.00
UJ 4	1	25.40	5 1/2	139.70

Designed for use inside header boxes etc. where the handhole is at an angle to the tube centerline. Other sizes are available.

Universal Joint & Extension



Ref. No.	■ Size (Male)		■ Size (Female)		O/A Length	
	inch	mm	inch	mm	inch	mm
UJE 1	3/8	9.53	3/8	9.53	12	304.80
UJE 2	1/2	12.70	1/2	12.70	12	304.80
UJE 3	3/4	19.05	3/4	19.05	12	304.80
UJE 4	1	25.40	1	25.40	12	304.80

Designed for use inside header boxes etc. where the handhole is at an angle to the tube centerline; and where space is limited. Other sizes are available.