

# Power Tools

## Shear Wrench (G Type)



GM 222EZ  
AC00991



GM 242EZ  
AC00989



GM 302EZ  
AC00990

### Specification

Model Code	GM-222EZ	GM-242EZ	GM-302EZ
Stock Code	AC00991	AC00989	AC00990
Frequency	50-60Hz	50-60Hz	50-60Hz
Rated Voltage (S.P.)	230V	230V	230V
Max. Current	5.5A	5.5A	5.5A
Rated Input Power	1200W	1200W	1200W
Intermittent Operation (rated operating time / rated resting time)	2s/3s	2s/3s	2s/3s
Rated Max. Torque	753N.m (542lbf.ft)	950N.m (701lbf.ft)	1900N.m (1420lbf.ft)
No - Load Speed	14min <sup>-1</sup> (rpm)	10min <sup>-1</sup> (rpm)	5min <sup>-1</sup> (rpm)
Sound Pressure Level	87dB(A)	87dB(A)	87dB(A)
Acoustic Power Level	98dB(A)	98dB(A)	98dB(A)
Vibration Level	2.5m/s <sup>2</sup> or below	2.5m/s <sup>2</sup> or below	2.5m/s <sup>2</sup> or below
Adaptable Bolt Dia.	S10T A325 A490	M16, M20, M22 M16, M20, M22, M24	M27, M30 1-1/8" 1-1/8"
Weight (Main Body)	4.8kg (10.6lbs)	6.2kg (13.7lbs)	6.7kg (14.8lbs)
Protection Class	II (class II tool)	II (class II tool)	II (class II tool)

## Simple Torqon (GSR)



GSR 52E  
AC01192

### Specification

Model Code	GSR-52E	GSR-72E	GSR-122E	GSR-212E
Stock Code	AC01192	AC01193	AC01194	AC01195
Rated Voltage (Single Phase)	230V ~	230V ~	230V ~	230V ~
Max. Current	6A	6A	6A	6A
Max. Input Power	1350W			
Rated Input Power	710W			
Controllable Torque Range	200 _ 500N.m	350 _ 700N.m	600 _ 1200N.m	1000 _ 2100N.m
No-Load Speed	23min <sup>-1</sup>	16min <sup>-1</sup>	9min <sup>-1</sup>	5min <sup>-1</sup>
Weight (Main Body)	4.9kg (10.8lb)	5.4kg (11.9lb)	7.1kg (15.6lb)	7.3kg (16.1lb)
L (mm)	237 _ 254	248 _ 265	282 _ 293	281
L1 (mm)	106 _ 123	117 _ 134	150 _ 161	150
L2 (mm)	64	75	94	101
L3 (mm)	41 _ 58	41 _ 58	55 _ 66	49
D1 (mm)	68	75	85	98
H (mm)	286	289	304	299

GSR-52E / GSR-72E AC01192 / AC01193							
Model	Bolt Size Ø D			Bolt Across flat B1		Bar Socket Ø D A	
	S10T	A325 A490	S8T	(mm)	(inch)	(mm)	(mm)
MRU24T			M16	24		54	82.5
MRU27T	M16	5/8"	M18	27	1-1/16"	59	82.5
MRU30T			M20	30		59	82.5
MRU32T	M20	3/4"	M22	32	1-1/4"	59	82.5
MRU36T	M22		M24	36		65	82.5
MRUB46Z		7/8"			1-7/16"	65	82.5
MRU41T	M24	1"	M27	41	1-5/8"	70	90.0
GSR-122E AC01194							
HRU36T	M22		M24	36		70	82.5
HRUB46Z		7/8"			1-7/16"	70	82.5
HRU41T	M24	1"	M27	41	1-5/8"	75	90.0
HRU46T	M27	1-1/8"	M30	46	1-13/16"	80	100.0
GSR-212E AC01195							
VRU41T	M24	1"	M27	41	1-5/8"	75	125.0
VRU46T	M27	1-1/8"	M30	46	1-13/16"	80	125.0
VRU50T	M30		M33	50		85	125.0
VRUB64Z		1-1/4"			2"	85	125.0

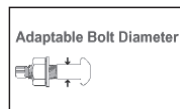
## Corner Shear Wrench



S-80EZ  
AC01196

### Specification

MODEL S-80EZ AC01196		
Voltage	115V	220V
Max. Current	11.5A	5.5A
Max. Poer Consumption	1100W	1100W
Frequency	50/60Hz	
Max. Torque	804N.m (595lbf. ft)	
No - Load Speed	12rpm	12rpm
Weight	8.0kg (17.6lb)	



### Machined Test Pieces

Grade of bolt according to mechanical properties	Yield Strength (N/mm <sup>2</sup> )	Tensile Strength (N/mm <sup>2</sup> )	Elongation (%)	Reduction of Area (%)
Model: S 10 T	900mins	1000_1200mins	14mins	40mins

### Full Size Bolts

Grade of bolt according to mechanical properties	Tensile Load (min) [KN]						Hardness
	Nominal Size of Threads						
Model: S 10 T	M16	M20	M22	M24	M27	M30	Hrc 27 _ 28
	157	245	303	353	459	561	