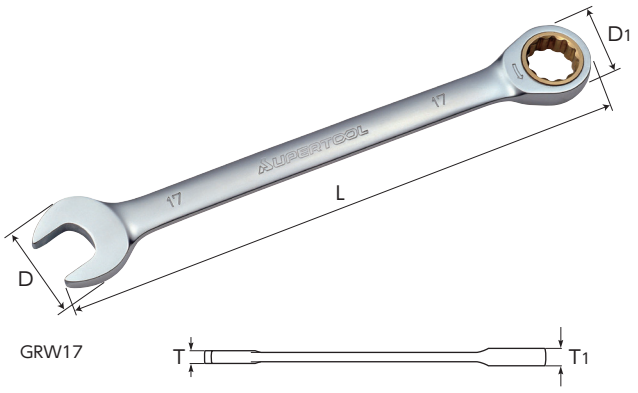


GRW17

GRW
GEAR WRENCH, Straight Type

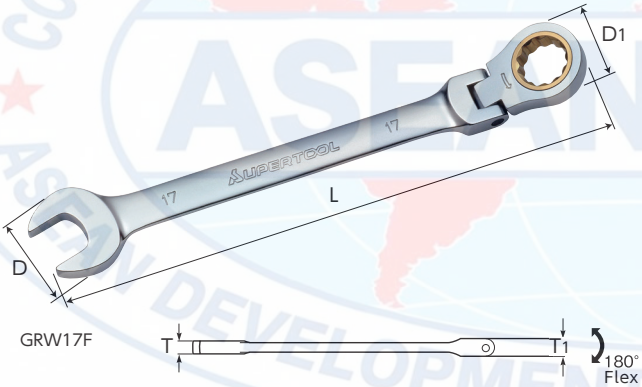
▶ Features
- 72 teeth ratchet with 5° of sweep, best for confined areas.
- Designed for final tightening.

Applications

●Electric wire, piping and air conditioner ●Machinery equipment
●Automobile repair ●Suitable for any work in confined spaces

Item No.	Size name (mm)	Size (mm)					N.W. (g)
		L	D	D1	T	T1	
GRW8	8	140	16.7	18.6	4.4	6.4	38
GRW10	10	160	20.9	20.2	4.9	7	55
GRW12	12	170	25.1	23.4	5.4	7.6	84
GRW13	13	178	27.2	24.8	5.9	8.1	96
GRW14	14	190	29.3	27.2	6.2	8.5	108
GRW15	15	200	31.3	28.3	6.4	9	130

Item No.	Size name (mm)	Size (mm)					N.W. (g)
		L	D	D1	T	T1	
GRW17	17	224	35.5	31.2	6.9	10	183
GRW19	19	248	39.7	33.9	7.4	11	237
GRW21	21	288	45.2	40.4	8.4	13	320
GRW22	22	288	45.2	40.4	8.4	13	320
GRW24	24	320	51.5	46.2	9.4	14.5	460



GRW17F

GRW-F
GEAR WRENCH, Flex Type

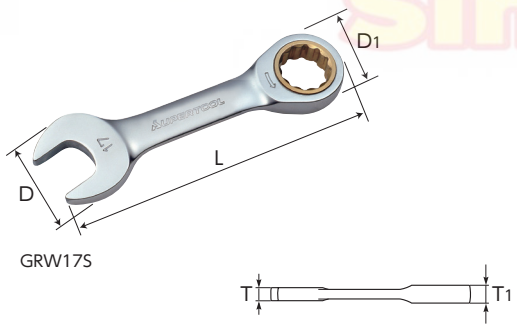
▶ Features
- 72 teeth ratchet with 5° of sweep, best for confined areas.
- Convenient flexible socket head.
- Designed for final tightening.

Applications

●Electric wire, piping and air conditioner ●Machinery equipment
●Automobile repair ●Suitable for any work in confined spaces

Item No.	Size name (mm)	Size (mm)					N.W. (g)
		L	D	D1	T	T1	
GRW8F	8	140	16.7	18.6	4.4	6.4	38
GRW10F	10	160	20.9	21.4	4.9	7	62
GRW12F	12	170	25.1	25.4	5.4	7.6	87
GRW13F	13	178	27.2	25.4	5.9	8.1	104
GRW14F	14	190	29.3	26.4	6.2	8.5	121
GRW15F	15	200	31.3	26.4	6.4	9	137

Item No.	Size name (mm)	Size (mm)					N.W. (g)
		L	D	D1	T	T1	
GRW17F	17	224	35.5	31	6.9	10	196
GRW19F	19	248	39.7	33	7.4	11	248
GRW21F	21	288	45.2	39	8.4	13	363
GRW22F	22	288	45.2	39	8.4	13	363
GRW24F	24	320	51.5	45.4	9.4	14.5	545



GRW17S

GRW-S
GEAR WRENCH, Straight Short Type

▶ Features
- 72 teeth ratchet with 5° of sweep, best for confined areas.
- Designed for final tightening.

Applications

●Electric wire, piping and air conditioner ●Machinery equipment
●Automobile repair ●Suitable for any work in confined spaces

Item No.	Size name (mm)	Size (mm)					N.W. (g)
		L	D	D1	T	T1	
GRW8S	8	89	19.2	18.6	5.6	6.4	30
GRW10S	10	94	20.7	19.6	5.6	7	34
GRW12S	12	107	27	25	5.6	7.6	59
GRW13S	13	107	27	25	5.6	8.1	59

Item No.	Size name (mm)	Size (mm)					N.W. (g)
		L	D	D1	T	T1	
GRW14S	14	115	29.2	26.6	6	8.5	73
GRW17S	17	127	35.4	31.6	7	10	115
GRW19S	19	139	39.8	33.6	8.1	11	147

●For all the appendix of the general hand tools & clamps, please refer to P.278~280