



# RATCHET LEVERS®

TOOLS THAT PULL THEIR WEIGHT

A range of industrial ratchet levers and engineers tools of durable and robust design.

# RATCHET SPANNERS

## NO. 339 GENERAL PURPOSE NON-REVERSIBLE

General Purpose Spanners No. 339 are of robust all-steel construction, with an easy ratchet action. Handles are plastic-encased for comfort.



FRAME REF	SQUARE HOLES INCHES	SQUARE HOLES MM	HEX HOLES INCHES	HEX HOLES MM
<b>No.0</b>		<b>6</b>	7/16	
Handle length 6"	<b>1/4</b>	<b>7</b>	.445	<b>8</b>
Overall length 6.1/2"	<b>5/16</b>	<b>8</b>	1/2	
Across Head 1.1/8"	<b>3/8</b>	<b>9</b>	.525	<b>10</b>
Head thickness 1/2"	7/16	<b>10</b>	9/16	
	<b>1/2</b>	<b>11</b>		<b>13</b>
		<b>12</b>	.600	
<b>No.1</b>		<b>14</b>	11/16	<b>17</b>
Handle length 9.1/8"	9/16		.710	
Overall length 10"	<b>5/8</b>	<b>16</b>	<b>3/4</b>	<b>19</b>
Across Head 1.5/8"	<b>11/16</b>		.820	<b>22</b>
Head thickness 5/8"	<b>3/4</b>	<b>18</b>	7/8	<b>24</b>
	13/16	<b>20</b>	<b>.920</b>	
			<b>15/16</b>	
			1.010	
<b>No.2</b>	7/8			
Handle length 14"		<b>22</b>		<b>27</b>
Overall length 15"	15/16		1.1/8	
Across Head 2.3/16"		<b>24</b>	1.200	<b>30</b>
Head thickness 3/4"	<b>1</b>			<b>32</b>
<b>No.3</b>			1.300	
Handle length 17.3/4"	1.1/8	27	1.5/16	
Overall length 19.1/8"		<b>1.480</b>		
Across Head 2.13/16"	1.1/4	30	1.1/2	<b>36</b>
Head thickness 15/16"	1.3/8	<b>33</b>	<b>1.670</b>	41
<b>No.4</b>				
Handle length 24"	up to	up to	up to	up to
Overall length 26"				
Across Head 3.7/8"	<b>1.3/4 sq</b>	45 sq	2.1/4 A/F	55 A/F
Head thickness 1.1/8"				

## NO. 337 GENERAL PURPOSE REVERSIBLE

General Purpose Spanners No. 337 are of robust all-steel construction, with an easy ratchet action. Handles are plastic-encased for comfort.



FRAME REF	SQUARE HOLES INCHES	SQUARE HOLES MM	HEX HOLES INCHES	HEX HOLES MM
<b>No.0</b>		<b>6</b>	7/16	
Handle length 6"	<b>1/4</b>	<b>7</b>	.445	<b>8</b>
Overall length 6.1/2"	<b>5/16</b>	<b>8</b>	1/2	<b>9</b>
Across Head 1.1/8"	<b>3/8</b>	<b>9</b>	.525	<b>10</b>
Head thickness 1/2"	7/16	<b>10</b>	9/16	
	<b>1/2</b>	<b>11</b>		<b>13</b>
		<b>12</b>	.600	
<b>No.1</b>		<b>14</b>	11/16	<b>17</b>
Handle length 9.1/8"	9/16		.710	
Overall length 10"	<b>5/8</b>	<b>16</b>	<b>3/4</b>	<b>19</b>
Across Head 1.5/8"	11/16		.820	<b>22</b>
Head thickness 5/8"	<b>3/4</b>	<b>18</b>	7/8	<b>24</b>
	13/16	<b>19</b>	.920	
		<b>20</b>	<b>15/16</b>	
			1.010	
<b>No.2</b>	7/8			
Handle length 14"		<b>22</b>		<b>27</b>
Overall length 15"	15/16		1.1/8	
Across Head 2.3/16"		<b>24</b>	1.200	<b>30</b>
Head thickness 3/4"	<b>1</b>			<b>32</b>
<b>No.3</b>			1.300	
Handle length 17.3/4"	1.1/8	27	1.5/16	
Overall length 19.1/8"		<b>1.480</b>		
Across Head 2.13/16"	1.1/4	30	1.1/2	36
Head thickness 15/16"	1.3/8	<b>33</b>	<b>1.670</b>	41
<b>No.4</b>				
Handle length 24"	up to	up to	up to	up to
Overall length 26"				
Across Head 3.7/8"	1.3/4 sq	45 sq	2.1/4 A/F	up to 55 A/F
Head thickness 1.1/8"				



Sizes shown in **bold** print indicate those sizes normally available from stock. Specials are available upon enquiry. Handle lengths are measured from centre of hole.

**Load Factors:** Hall levers are designed to withstand a normal load plus a considerable margin for safety. We define a normal load as the maximum gradual pull which could be exerted on the end of the handle by an average man.

# RATCHET LEVERS

## NO. 333 ENCLOSED ACTION NON-REVERSIBLE

No. 333 Ratchet Levers have a totally enclosed mechanism which is therefore protected against particularly dirty conditions such as construction sites or trenches, or corrosive atmosphere such as chemical plants or oil rigs.



FRAME REF	SQUARE HOLES INCHES	SQUARE HOLES MM	HEX HOLES INCHES	HEX HOLES MM
<b>No.30</b>				
Handle length 7"				
Across Head 1.11/16"	<b>3/8</b>	10		10
Head thickness 5/8"				
<b>No.31</b>	<b>7/16</b>	11	9/16	13
Handle length 9"			.600	
Across Head 2.1/2"	<b>1/2</b>	12	11/16	17
Head thickness 7/8"			.710	
	9/16	14	3/4	19
<b>No.32</b>	<b>5/8</b>	16	.820	
Handle length 11"				
Across Head 2.3/4"				
Head thickness 7/8"	11/16			
<b>No.33</b>	<b>3/4</b>	18	7/8	22
Handle length 14"			.920	
Across Head 2.7/8"			15/16	24
Head thickness 1"	13/16	<b>20</b>	1.010	
<b>No.34</b>	<b>7/8</b>	<b>22</b>	1.1/8	27
Handle length 16"				
Across Head 3.1/4"				
Head thickness 1.1/8"	<b>15/16</b>			
<b>No.35</b>	<b>1</b>	24	1.200	30
Handle length 20"				
Across Head 3.1/2"				
Head thickness 1.3/8"				32
<b>No.36</b>	<b>1.1/8</b>	27	1.300	36
Handle length 17"			1.5/16	
Across Head 4.1/4"	<b>1.1/4</b>	30	1.480	41
Head thickness 1.3/8"	1.3/8	33	1.1/2	46
	<b>1.1/2</b>	36	1.670	
			1.11/16	
			1.860	

## NO. 335 HEAVY DUTY REVERSIBLE

Also available as Ref:334 Non-Reversible

No. 335 Ratchet Levers are designed for the toughest loads. The racks and pawls are specially heat treated to withstand a higher load than the tubular handle - a safety feature designed to offer the operator some protection if the Lever is abused.



FRAME REF	SQUARE HOLES INCHES	SQUARE HOLES MM	HEX HOLES INCHES	HEX HOLES MM
<b>'A' Series</b>	<b>5/8</b>	16	3/4	19
Handle length 16"	11/16	18	.820	22
Across Head 2"	<b>3/4</b>	<b>20</b>	4/8	24
Head thickness 1.1/8"	13/16	22	.920	27
	<b>7/8</b>		15/16	
			<b>1.010</b>	
<b>'B' Series</b>			1.1/8	
Handle length 22"	15/16	24	<b>1.200</b>	30
Across Head 2.7/8"	<b>1</b>	27	1.300	<b>32</b>
Head thickness 1.1/2"	<b>1.1/8</b>	<b>30</b>	<b>1.5/16</b>	36
			<b>1.480</b>	
<b>'C' Series</b>			1.1/2	
Handle length 26"	<b>1.1/4</b>	33	1.670	41
Across Head 3.3/8"			1.11/16	
Head thickness 1.1/2"	<b>1.3/8</b>	36	1.860	46
<b>'D' Series</b>			1.7/8	
Handle length 30"	<b>1.1/2</b>	39	2.050	50
Across Head 4"			2.1/16	
Head thickness 1.7/8"	<b>1.5/8</b>	<b>42</b>		
<b>'E' Series</b>			2.220	55
Handle length 40"	<b>1.3/4</b>	45	2.1/4	60
Across Head 5.1/16"	<b>1.7/8</b>	48	2.580	65
Head thickness 2"	<b>2</b>	52		
<b>'F' Series</b>	over 2"	over	over	over
Handle length 48"		52mm	2.58"	65mm
Across Head 6.3/4"	to	to	to	to
Head thickness 2.1/4"	3"	76mm	3.66"	95mm



Sizes shown in **bold** print indicate those sizes normally available from stock. Specials are available upon enquiry. Handle lengths are measured from centre of hole.

**Load Factors:** Hall levers are designed to withstand a normal load plus a considerable margin for safety.

We define a normal load as the maximum gradual pull which could be exerted on the end of the handle by an average man.