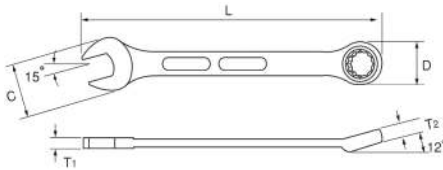


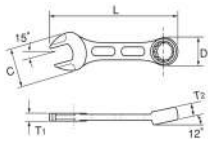
**LCW - LCWU** Combination Wrench

**LIGHTOOL®**



**LCW Series**  
 LIGHTOOL Combination Wrench

Code	Size (mm)	C (mm)	D (mm)	L (mm)	List Price Per Pce
3TALCW0070	<b>7</b>	17.5	12.7	105.0	<b>RM 28.00</b>
3TALCW0080	<b>8</b>	17.5	12.7	105.0	<b>RM 28.00</b>
3TALCW0100	<b>10</b>	21.5	15.3	119.0	<b>RM 29.40</b>
3TALCW0120	<b>12</b>	26.0	18.7	141.0	<b>RM 35.20</b>
3TALCW0130	<b>13</b>	28.0	20.0	151.0	<b>RM 36.80</b>
3TALCW0140	<b>14</b>	29.5	22.0	171.0	<b>RM 40.00</b>
3TALCW0150	<b>15</b>	34.5	23.7	191.0	<b>RM 48.40</b>
3TALCW0160	<b>16</b>	34.5	23.7	191.0	<b>RM 48.40</b>
3TALCW0170	<b>17</b>	36.0	26.5	216.0	<b>RM 54.40</b>
3TALCW0190	<b>19</b>	40.0	28.5	235.0	<b>RM 61.60</b>
3TALCW0210	<b>21</b>	46.5	32.0	255.0	<b>RM 83.00</b>
3TALCW0220	<b>22</b>	46.5	32.0	255.0	<b>RM 83.00</b>
3TALCW0240	<b>24</b>	50.5	34.0	280.0	<b>RM 98.20</b>



**LCWU Series**  
 LIGHTOOL Mini Combination Wrench

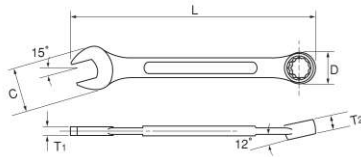
Code	Size (mm)	C (mm)	D (mm)	L (mm)	List Price Per Pce
	<b>8</b>	18.0	13.0	60.0	
	<b>10</b>	21.0	15.3	68.0	
	<b>12</b>	24.0	19.0	76.0	

**3 pcs**  
**LCWUS**  
 3TALCWUS30  
**RM 133.20**

8mm  
 10mm  
 12mm



**CP** Combination Wrench



**CP Series**  
 Combination Wrench

Code	Size (mm)	C (mm)	D (mm)	L (mm)	List Price Per Pce
3TACS00600	<b>6</b>	15.5	10.5	99.0	<b>RM 13.60</b>
3TACS00700	<b>7</b>	19.5	15.4	105.0	<b>RM 13.60</b>
3TACS00800	<b>8</b>	19.5	15.4	105.0	<b>RM 13.60</b>
3TACS00900	<b>9</b>	20.0	18.2	110.0	<b>RM 13.60</b>
3TACS01000	<b>10</b>	20.0	18.2	118.0	<b>RM 14.40</b>
3TACS01100	<b>11</b>	24.0	17.5	134.0	<b>RM 16.20</b>
3TACS01200	<b>12</b>	25.5	18.7	140.0	<b>RM 18.00</b>
3TACS01300	<b>13</b>	26.8	20.0	150.0	<b>RM 19.00</b>
3TACS01400	<b>14</b>	30.8	22.0	170.0	<b>RM 21.80</b>
3TACS01500	<b>15</b>	34.0	23.7	170.0	<b>RM 24.20</b>
3TACS01600	<b>16</b>	34.3	24.5	190.0	<b>RM 28.00</b>
3TACS01700	<b>17</b>	37.0	26.5	190.0	<b>RM 29.80</b>
3TACS01800	<b>18</b>	37.5	26.5	190.0	<b>RM 33.20</b>
3TACS01900	<b>19</b>	40.0	28.8	235.0	<b>RM 33.20</b>
3TACS02000	<b>20</b>	41.5	28.8	210.0	<b>RM 40.00</b>
3TACS02100	<b>21</b>	45.0	31.0	265.0	<b>RM 40.00</b>
3TACS02200	<b>22</b>	46.0	33.0	280.0	<b>RM 44.00</b>
3TACS02300	<b>23</b>	49.5	35.0	310.0	<b>RM 51.40</b>
3TACS02400	<b>24</b>	49.5	34.5	310.0	<b>RM 51.40</b>
3TACS02500	<b>25</b>	52.0	37.5	330.0	<b>RM 56.80</b>
3TACS02600	<b>26</b>	52.0	37.5	330.0	<b>RM 56.80</b>
3TACS02700	<b>27</b>	58.0	39.5	360.0	<b>RM 71.00</b>
3TACS02800	<b>28</b>	60.0	44.0	387.0	<b>RM 81.40</b>
3TACS02900	<b>29</b>	60.0	44.0	387.0	<b>RM 81.40</b>
3TACS03000	<b>30</b>	59.5	43.0	387.0	<b>RM 86.20</b>
3TACS03100	<b>31</b>	66.0	47.5	420.0	<b>RM 109.40</b>
3TACS03200	<b>32</b>	66.0	47.5	420.0	<b>RM 109.40</b>



8-10-11-  
 12-13-14-  
 17-19-22-  
 24

**10 pcs**  
**CPS1010**

3TACPS1010  
**RM 265.00**

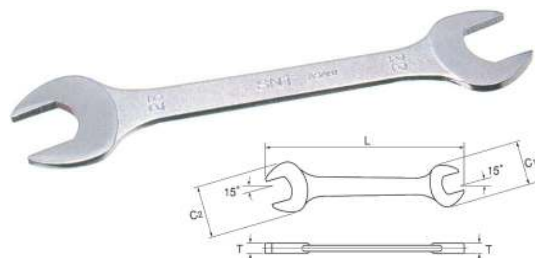


8-10-11-  
 12-13-14-  
 16-17-19-  
 22-24-27-  
 30-32

**14 pcs**  
**CPS1410**

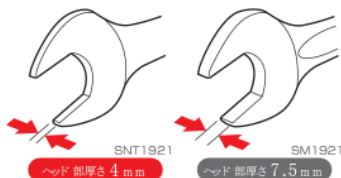
3TACPS1410  
**RM 555.00**

## SNT - FW - DR Wrenches



SNT 極薄スパナ

通常のスパナ

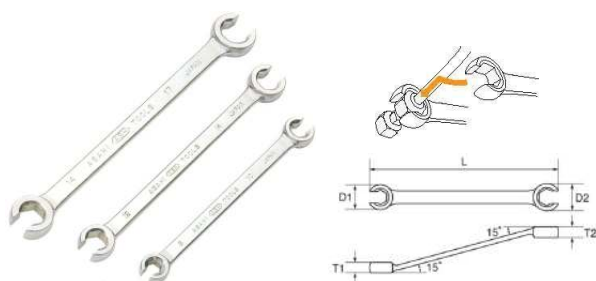


SNT 極薄スパナは通常のスパナより厚みを大幅に薄くしたので通常のスパナでは入らない場所でも使用できます。

### SNT Series Thin Spanner

Code	Size (mm)	C <sub>1</sub> (mm)	C <sub>2</sub> (mm)	D (mm)	L (mm)	List Price Per Pce
3TASNT0809	<b>8 x 9</b>	19.0	21.0	3.2	106	<b>RM 16.00</b>
3TASNT1012	<b>10 x 12</b>	23.0	26.0	3.2	126	<b>RM 18.40</b>
3TASNT1113	<b>11 x 13</b>	26.0	30.0	4.0	136	<b>RM 20.00</b>
3TASNT1417	<b>14 x 17</b>	30.0	33.0	4.0	148	<b>RM 23.00</b>
3TASNT1921	<b>19 x 21</b>	40.0	45.0	4.0	192	<b>RM 33.80</b>
3TASNT2223	<b>22 x 23</b>	43.0	49.0	4.5	205	<b>RM 43.00</b>

### FW Series Flare Nut Wrench



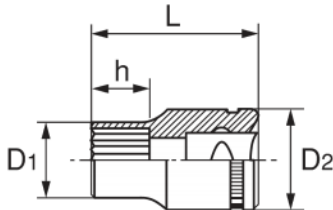
Code	Size (mm)	L (mm)	List Price Per Pce
3TAFN00810	<b>8 x 10</b>	154	<b>RM 31.00</b>
3TAFN01011	<b>10 x 11</b>	154	<b>RM 31.00</b>
3TAFN01012	<b>10 x 12</b>	154	<b>RM 31.60</b>
3TAFN01113	<b>11 x 13</b>	182	<b>RM 34.80</b>
3TAFN01214	<b>12 x 14</b>	182	<b>RM 34.80</b>
3TAFN01417	<b>14 x 17</b>	213	<b>RM 42.20</b>
3TAFN01617	<b>16 x 17</b>	213	<b>RM 42.20</b>

### DR Series Striking Face Ring Spanner



Code	Size (mm)	D (mm)	T (mm)	L (mm)	List Price Per Pce
3TADR00035	<b>35</b>	55	20	197	<b>RM 254.20</b>
3TADR00054	<b>54</b>	90	27	275	<b>RM 424.80</b>
3TADR00058	<b>58</b>	90	27	275	<b>RM 522.20</b>
3TADR00063	<b>63</b>	104	32	302	<b>RM 746.00</b>
3TADR00067	<b>67</b>	104	32	302	<b>RM 860.00</b>
3TADR00071	<b>71</b>	120	35	350	<b>RM 1,015.40</b>
3TADR00077	<b>77</b>	120	35	350	<b>RM 1,240.60</b>

## VS4 1/2" Square Drive Sockets



### VS4 Series 1/2" Sq. Dr. Socket (12rims), CR-V

Code	Size (mm)	C <sub>1</sub> (mm)	C <sub>2</sub> (mm)	h (mm)	L (mm)	List Price Per Pce
3TASO01208	<b>8</b>	12.0	23.0	11.0	37.0	<b>RM 11.80</b>
3TASO01209	<b>9</b>	13.6	23.0	11.0	37.0	<b>RM 11.80</b>
3TASO01210	<b>10</b>	15.1	23.0	12.0	37.0	<b>RM 11.80</b>
3TASO01211	<b>11</b>	16.0	23.0	12.0	37.0	<b>RM 11.80</b>
3TASO01212	<b>12</b>	17.2	23.0	13.0	37.0	<b>RM 11.80</b>
3TASO01213	<b>13</b>	18.5	23.0	13.0	37.0	<b>RM 11.80</b>
3TASO01214	<b>14</b>	19.7	23.0	14.0	37.0	<b>RM 11.80</b>
3TASO01215	<b>15</b>	21.0	23.0	14.0	37.0	<b>RM 11.80</b>
3TASO01216	<b>16</b>	23.0	23.0	15.0	37.0	<b>RM 11.80</b>
3TASO01217	<b>17</b>	24.0	24.0	15.0	37.0	<b>RM 11.80</b>
3TASO01218	<b>18</b>	25.0	25.0	15.0	37.0	<b>RM 12.80</b>
3TASO01219	<b>19</b>	26.0	26.0	16.0	39.0	<b>RM 12.80</b>
3TASO01220	<b>20</b>	26.0	26.0	16.0	39.0	<b>RM 17.00</b>
3TASO01221	<b>21</b>	29.0	25.5	18.0	39.0	<b>RM 17.00</b>
3TASO01222	<b>22</b>	30.0	26.0	19.0	40.0	<b>RM 18.20</b>
3TASO01223	<b>23</b>	32.0	27.0	19.0	40.0	<b>RM 18.80</b>
3TASO01224	<b>24</b>	33.0	27.5	21.0	42.0	<b>RM 19.80</b>
3TASO01225	<b>25</b>	34.0	28.0	21.0	42.0	<b>RM 22.40</b>
3TASO01226	<b>26</b>	35.0	29.0	21.0	42.0	<b>RM 22.40</b>
3TASO01227	<b>27</b>	36.0	30.0	21.0	42.0	<b>RM 22.40</b>
3TASO01228	<b>28</b>	37.0	31.5	21.0	42.0	<b>RM 22.40</b>
3TASO01229	<b>29</b>	38.0	31.5	21.0	42.0	<b>RM 22.40</b>
3TASO01230	<b>30</b>	40.0	32.0	24.0	45.0	<b>RM 25.60</b>
3TASO01232	<b>32</b>	42.0	34.5	24.0	45.0	<b>RM 26.60</b>

### SD4240 Series 1/2" Sq. Dr. Socket Set (12rims), CR-V

Code	Size (mm)	List Price Per Pce
3TASS01224	<b>Socket VS4 10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-27-30-32 Ratchet (VR0400), Sliding-T (VT0425), Universal Joint (VU0400), Extension Bar (125mm, 250mm), Speeder Handle (VN4)</b>	

## Accessories 1/2" Square Drive

**LVR4250 26% lighter than normal ratchet without compromising the torque**



### Ratchet Handle

Code	Model	L (mm)	List Price Per Pce
3TALVR4250	<b>LVR4250</b>	251	<b>RM 203.00</b>
3TAMR41210	<b>VR0400</b>	250	<b>RM 101.60</b>

### Extension Bars

3TAEB01203	<b>VE0475</b>	75	<b>RM 21.80</b>
3TAEB01205	<b>VE0415</b>	150	<b>RM 24.20</b>
3TAEB01210	<b>VE0425</b>	250	<b>RM 41.60</b>

### Sliding-T

3TAST01210	<b>VT0425</b>	280	<b>RM 42.80</b>
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### Offset Handle

3TALH01211	<b>VL0428</b>	280	<b>RM 43.40</b>
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### Universal Joint

3TAUJ01200	<b>VU0400</b>	72	<b>RM 43.40</b>
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### Spark Plug Socket

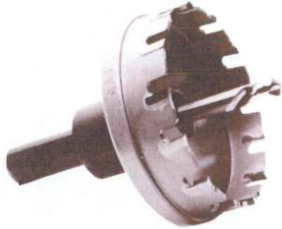
3TASP01221	<b>VP0421</b>	70	<b>RM 26.00</b>
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### Speeder Handle

3TASH01216	<b>VN4</b>	415	<b>RM 58.20</b>
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**TCT - HSS Hole Saw**



**TCT Hole Saw**  
 CT Model



**HSS Hole Saw**  
 HSS Model

Recommended RPM			List Price Per Pce
Stainless Steel (1.6mm) rpm	Normal Steel (5.0mm) rpm	Non Ferrous (5.0mm) rpm	
800 - 640	660 - 530	1060 - 850	<b>RM 120.00</b>
800 - 640	660 - 530	1060 - 850	<b>RM 120.00</b>
800 - 640	660 - 530	1060 - 850	<b>RM 120.00</b>
800 - 640	660 - 530	1060 - 850	<b>RM 120.00</b>
600 - 480	500 - 400	800 - 640	<b>RM 136.60</b>
600 - 480	500 - 400	800 - 640	<b>RM 136.60</b>
460 - 380	380 - 320	610 - 510	<b>RM 159.00</b>
460 - 380	380 - 320	610 - 510	<b>RM 159.00</b>
460 - 380	380 - 220	610 - 510	<b>RM 159.00</b>
370 - 320	310 - 270	490 - 430	<b>RM 182.60</b>
370 - 320	310 - 270	490 - 430	<b>RM 182.60</b>
310 - 270	260 - 230	410 - 380	<b>RM 210.60</b>
310 - 370	260 - 230	410 - 380	<b>RM 210.60</b>
260 - 240	220 - 200	360 - 320	<b>RM 244.20</b>
230 - 210	190 - 180	310 - 280	<b>RM 278.80</b>
210 - 190	170 - 160	280 - 260	<b>RM 306.80</b>
210 - 190	170 - 160	280 - 260	<b>RM 397.60</b>
210 - 190	170 - 160	280 - 60	<b>RM 397.60</b>
190 - 180	160 - 130	250 - 210	<b>RM 454.60</b>
160 - 140	130 - 110	210 - 180	<b>RM 488.20</b>
160 - 140	130 - 100	210 - 180	<b>RM 528.60</b>

Size (mm)
<b>12</b>
<b>13</b>
<b>14</b>
<b>16</b>
<b>18</b>
<b>19</b>
<b>20</b>
<b>22</b>
<b>25</b>
<b>26</b>
<b>28</b>
<b>30</b>
<b>32</b>
<b>33</b>
<b>35</b>
<b>36</b>
<b>38</b>
<b>40</b>
<b>42</b>
<b>43</b>
<b>45</b>
<b>48</b>
<b>50</b>
<b>54</b>
<b>55</b>
<b>60</b>
<b>65</b>
<b>70</b>
<b>75</b>
<b>80</b>

List Price Per Pce	Recommended RPM		
	Normal Steel (1.6mm) rpm	Non Ferrous (1.6mm) rpm	Aluminium (1.6mm) rpm
<b>RM 61.20</b>	800 - 640	660 - 530	1060 - 850
<b>RM 61.20</b>	800 - 640	660 - 530	1060 - 850
<b>RM 61.20</b>	800 - 640	660 - 530	1060 - 850
<b>RM 64.08</b>	600 - 480	500 - 400	800 - 640
<b>RM 64.08</b>	600 - 480	500 - 400	800 - 640
<b>RM 73.80</b>	600 - 480	500 - 400	800 - 640
<b>RM 73.80</b>	460 - 380	380 - 320	610 - 510
<b>RM 85.32</b>	460 - 380	380 - 320	610 - 510
<b>RM 85.32</b>	370 - 320	310 - 270	490 - 430
<b>RM 87.66</b>	370 - 320	310 - 270	490 - 430
<b>RM 87.66</b>	370 - 320	310 - 270	490 - 430
<b>RM 87.66</b>	310 - 270	260 - 230	410 - 380
<b>RM 116.46</b>	310 - 370	260 - 230	410 - 380
<b>RM 116.46</b>	310 - 370	260 - 230	410 - 380
<b>RM 116.46</b>	260 - 240	220 - 200	360 - 320
<b>RM 145.26</b>	260 - 240	220 - 200	360 - 320
<b>RM 145.26</b>	260 - 240	220 - 200	360 - 320
<b>RM 145.26</b>	230 - 210	190 - 180	310 - 280
<b>RM 175.32</b>	230 - 210	190 - 180	310 - 280
<b>RM 175.32</b>	230 - 210	190 - 180	310 - 280
<b>RM 205.20</b>	210 - 190	170 - 160	280 - 260
<b>RM 205.20</b>	210 - 190	170 - 160	280 - 260
<b>RM 205.20</b>	190 - 180	160 - 130	250 - 210
<b>RM 205.20</b>	190 - 180	160 - 130	250 - 210
<b>RM 224.82</b>	190 - 180	160 - 130	250 - 210
<b>RM 224.82</b>	160 - 140	130 - 110	210 - 180
<b>RM 247.86</b>	160 - 140	130 - 110	210 - 180
<b>RM 334.26</b>	130 - 120	110 - 100	180 - 160
<b>RM 380.52</b>	130 - 120	110 - 100	180 - 160