
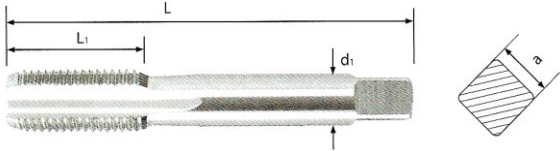
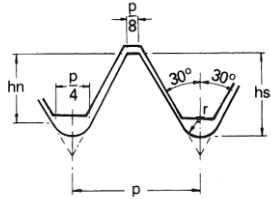


Taps Metric Coarse Straight Flute

	<p>Taps Metric Coarse Straight Flute Suitable for hand and machine tapping of through and blind holes Manufactured to ISO 529 Tolerance Class 2 for 6H fit Silver finish</p>
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3 Piece Tap Sets

	<table border="1"> <thead> <tr> <th>Code</th> <th>Size</th> <th>d1 mm</th> <th>L1 mm</th> <th>L mm</th> <th>a mm</th> </tr> </thead> <tbody> <tr><td>21-500-020</td><td>M2</td><td>3.15</td><td>11</td><td>48</td><td>2.5</td></tr> <tr><td>21-500-025</td><td>M2.5</td><td>3.15</td><td>11</td><td>48</td><td>2.5</td></tr> <tr><td>21-500-030</td><td>M3</td><td>3.55</td><td>13</td><td>50</td><td>2.8</td></tr> <tr><td>21-500-035</td><td>M3.5</td><td>4.0</td><td>13</td><td>53</td><td>3.15</td></tr> <tr><td>21-500-040</td><td>M4</td><td>5.0</td><td>16</td><td>58</td><td>4.0</td></tr> <tr><td>21-500-050</td><td>M5</td><td>6.3</td><td>19</td><td>66</td><td>5.0</td></tr> <tr><td>21-500-060</td><td>M6</td><td>6.3</td><td>22</td><td>72</td><td>5.0</td></tr> <tr><td>21-500-080</td><td>M8</td><td>8.0</td><td>22</td><td>72</td><td>6.3</td></tr> <tr><td>21-500-100</td><td>M10</td><td>10.0</td><td>24</td><td>80</td><td>8.0</td></tr> <tr><td>21-500-120</td><td>M12</td><td>9.0</td><td>29</td><td>89</td><td>7.1</td></tr> <tr><td>21-500-140</td><td>M14</td><td>11.2</td><td>30</td><td>95</td><td>9.0</td></tr> <tr><td>21-500-160</td><td>M16</td><td>12.5</td><td>32</td><td>102</td><td>10.0</td></tr> <tr><td>21-500-200</td><td>M20</td><td>14.0</td><td>37</td><td>112</td><td>11.2</td></tr> </tbody> </table>	Code	Size	d1 mm	L1 mm	L mm	a mm	21-500-020	M2	3.15	11	48	2.5	21-500-025	M2.5	3.15	11	48	2.5	21-500-030	M3	3.55	13	50	2.8	21-500-035	M3.5	4.0	13	53	3.15	21-500-040	M4	5.0	16	58	4.0	21-500-050	M5	6.3	19	66	5.0	21-500-060	M6	6.3	22	72	5.0	21-500-080	M8	8.0	22	72	6.3	21-500-100	M10	10.0	24	80	8.0	21-500-120	M12	9.0	29	89	7.1	21-500-140	M14	11.2	30	95	9.0	21-500-160	M16	12.5	32	102	10.0	21-500-200	M20	14.0	37	112	11.2
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	<p> $r = \text{Basic Radius} = 0.1443 p$ $hn = \text{Basic Height of Internal Thread \& Depth of Thread Engagement} = 0.54127p$ $hs = \text{Basic Height of External Thread} = 0.61344 p$ $p = \text{Pitch}$ </p>
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Individual Taps

Set Code	Taper Code	Second Code	Plug Code	Size	Pitch mm	Basic Major Dia mm	Basic Minor Dia.mm	Basic Thread Depth mm	Tapping Drill mm	Clearance Drill mm
21-500-020	N/A	N/A	N/A	M2	0.40	2.00	1.509	0.245	1.60	2.1
21-500-025	N/A	N/A	N/A	M2.5	0.45	2.50	1.948	0.276	2.05	2.6
21-500-030	21-500-031	21-500-032	21-500-033	M3	0.50	3.00	2.387	0.307	2.5	3.1
21-500-035	N/A	N/A	N/A	M3.5	0.60	3.50	2.764	0.368	2.9	3.6
21-500-040	21-500-041	21-500-042	21-500-043	M4	0.70	4.00	3.141	0.429	3.3	4.1
21-500-050	21-500-051	21-500-052	21-500-053	M5	0.80	5.00	4.019	0.491	4.2	5.1
21-500-060	21-500-061	21-500-062	21-500-063	M6	1.00	6.00	4.773	0.613	5.0	6.1
21-500-080	21-500-081	21-500-082	21-500-083	M8	1.25	8.00	6.466	0.767	6.8	8.2
21-500-100	21-500-101	21-500-102	21-500-103	M10	1.50	10.00	8.160	0.920	8.5	10.2
21-500-120	21-500-121	21-500-122	21-500-123	M12	1.75	12.00	9.853	1.074	10.3	12.2
21-500-140	21-500-141	21-500-142	21-500-143	M14	2.00	14.00	11.546	1.227	12.0	14.25
21-500-160	21-500-161	21-500-162	21-500-163	M16	2.00	16.00	13.546	1.227	14.0	16.25
21-500-200	21-500-201	21-500-202	21-500-203	M20	2.50	20.00	16.933	1.534	17.5	20.25

Taps Metric Coarse Straight Flute

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Tap Sets

Packed Weight and Dimensions

Set Code	Size	Pitch mm	Weight g	W mm	H mm	L mm
21-500-020	M2	0.40	8	23	9	70
21-500-025	M2.5	0.45	9	23	9	70
21-500-030	M3	0.50	11	23	9	70
21-500-035	M3.5	0.60	13	23	9	70
21-500-040	M4	0.70	15	23	9	70
21-500-050	M5	0.80	28	36	11	82
21-500-060	M6	1.00	60	36	11	82
21-500-080	M8	1.25	55	36	12	82
21-500-100	M10	1.50	91	46	15	100
21-500-120	M12	1.75	138	46	14	100
21-500-140	M14	2.00	222	58	18	115
21-500-160	M16	2.00	287	58	18	115
21-500-200	M20	2.50	433	70	23	125

Individual Taps

Packed Weight and Dimensions

Taper Code	Second Code	Plug Code	Size	Pitch mm	Weight g	W mm	H mm	L mm
21-500-031	21-500-032	21-500-033	M3	0.50	4	9	8	69
21-500-041	21-500-042	21-500-043	M4	0.70	5	9	8	69
21-500-051	21-500-052	21-500-053	M5	0.80	10	13	12	85
21-500-061	21-500-062	21-500-063	M6	1.00	15	13	12	95
21-500-081	21-500-082	21-500-083	M8	1.25	19	13	12	95
21-500-101	21-500-102	21-500-103	M10	1.50	33	16	14	100
21-500-121	21-500-122	21-500-123	M12	1.75	46	16	14	100
21-500-141	21-500-142	21-500-143	M14	2.00	70	22	22	100
21-500-161	21-500-162	21-500-163	M16	2.00	97	22	22	107
21-500-201	21-500-202	21-500-203	M20	2.50	143	30	30	116