

Short Machine Taps ISO 529, HSS

Metric ISO-Coarse Thread, ISO 965

Product Group	10		10		10		10																																																																																																																																																																																																																															
List-No.	60000		60000		60000		60005																																																																																																																																																																																																																															
Type	Set	STF Taper	STF Second	STF Bottom	STF Second	STF Bottom	STF Bottom	left hand																																																																																																																																																																																																																														
Type of hole		TH	TH	TH / BH	TH / BH	TH	TH / BH																																																																																																																																																																																																																															
Length of chamfer lead (Thread)		8 - 10	4 - 5	1,5 - 2,5	1,5 - 2,5	4 - 5	1,5 - 2,5																																																																																																																																																																																																																															
Tolerance	ISO2/6H		ISO2/6H		ISO2/6H		ISO2/6H																																																																																																																																																																																																																															
Surface	P0		P0		P0		P0																																																																																																																																																																																																																															
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<table border="1"> <thead> <tr> <th>Metric size</th> <th>P mm</th> <th>l1 mm</th> <th>l2max mm</th> <th>d2 mm</th> <th>a mm</th> </tr> </thead> <tbody> <tr><td>M 1</td><td>0,25</td><td>38,5</td><td>5,5</td><td>2,5</td><td>2,0</td></tr> <tr><td>M 1,2</td><td>0,25</td><td>38,5</td><td>5,5</td><td>2,5</td><td>2,0</td></tr> <tr><td>M 1,4</td><td>0,3</td><td>40</td><td>7</td><td>2,5</td><td>2,0</td></tr> <tr><td>M 1,6</td><td>0,35</td><td>41</td><td>8</td><td>2,5</td><td>2,0</td></tr> <tr><td>M 2</td><td>0,4</td><td>41</td><td>8</td><td>2,5</td><td>2,0</td></tr> <tr><td>M 2,5</td><td>0,45</td><td>44,5</td><td>9,5</td><td>2,8</td><td>2,24</td></tr> <tr><td>M 3</td><td>0,5</td><td>48</td><td>16</td><td>3,15</td><td>2,5</td></tr> <tr><td>M 3,5</td><td>0,6</td><td>50</td><td>19</td><td>3,55</td><td>2,8</td></tr> <tr><td>M 4</td><td>0,7</td><td>53</td><td>13</td><td>4,0</td><td>3,15</td></tr> <tr><td>M 4,5</td><td>0,75</td><td>53</td><td>13</td><td>4,5</td><td>3,55</td></tr> <tr><td>M 5</td><td>0,8</td><td>58</td><td>16</td><td>5,0</td><td>4,0</td></tr> <tr><td>M 6</td><td>1</td><td>66</td><td>19</td><td>6,3</td><td>5,0</td></tr> <tr><td>M 7</td><td>1</td><td>66</td><td>19</td><td>7,1</td><td>5,6</td></tr> <tr><td>M 8</td><td>1,25</td><td>72</td><td>22</td><td>8,0</td><td>6,3</td></tr> <tr><td>M 9</td><td>1,25</td><td>72</td><td>22</td><td>9,0</td><td>7,1</td></tr> <tr><td>M 10</td><td>1,5</td><td>80</td><td>24</td><td>10,0</td><td>8,0</td></tr> <tr><td>M 11</td><td>1,5</td><td>85</td><td>25</td><td>8,0</td><td>6,3</td></tr> <tr><td>M 12</td><td>1,75</td><td>89</td><td>29</td><td>9,0</td><td>7,1</td></tr> <tr><td>M 14</td><td>2</td><td>95</td><td>30</td><td>11,2</td><td>9,0</td></tr> <tr><td>M 16</td><td>2</td><td>102</td><td>32</td><td>12,5</td><td>10,0</td></tr> <tr><td>M 18</td><td>2,5</td><td>112</td><td>37</td><td>14,0</td><td>11,2</td></tr> <tr><td>M 20</td><td>2,5</td><td>112</td><td>37</td><td>14,0</td><td>11,2</td></tr> <tr><td>M 22</td><td>2,5</td><td>118</td><td>38</td><td>16,0</td><td>12,5</td></tr> <tr><td>M 24</td><td>3</td><td>130</td><td>45</td><td>18,0</td><td>14,0</td></tr> <tr><td>M 27</td><td>3</td><td>135</td><td>45</td><td>20,0</td><td>16,0</td></tr> <tr><td>M 30</td><td>3,5</td><td>138</td><td>48</td><td>20,0</td><td>16,0</td></tr> <tr><td>M 33</td><td>3,5</td><td>151</td><td>51</td><td>22,4</td><td>18,0</td></tr> <tr><td>M 36</td><td>4</td><td>162</td><td>57</td><td>25,0</td><td>20,0</td></tr> <tr><td>M 39</td><td>4</td><td>170</td><td>60</td><td>28,0</td><td>22,4</td></tr> <tr><td>M 42</td><td>4,5</td><td>170</td><td>60</td><td>28,0</td><td>22,4</td></tr> <tr><td>M 45</td><td>4,5</td><td>187</td><td>67</td><td>31,5</td><td>25,0</td></tr> <tr><td>M 48</td><td>5</td><td>187</td><td>67</td><td>31,5</td><td>25,0</td></tr> <tr><td>M 52</td><td>5</td><td>200</td><td>70</td><td>35,5</td><td>28,0</td></tr> <tr><td>M 56</td><td>5,5</td><td>200</td><td>70</td><td>35,5</td><td>28,0</td></tr> <tr><td>M 60</td><td>5,5</td><td>221</td><td>76</td><td>40,0</td><td>31,5</td></tr> </tbody> </table>						Metric size	P mm	l1 mm	l2max mm	d2 mm	a mm	M 1	0,25	38,5	5,5	2,5	2,0	M 1,2	0,25	38,5	5,5	2,5	2,0	M 1,4	0,3	40	7	2,5	2,0	M 1,6	0,35	41	8	2,5	2,0	M 2	0,4	41	8	2,5	2,0	M 2,5	0,45	44,5	9,5	2,8	2,24	M 3	0,5	48	16	3,15	2,5	M 3,5	0,6	50	19	3,55	2,8	M 4	0,7	53	13	4,0	3,15	M 4,5	0,75	53	13	4,5	3,55	M 5	0,8	58	16	5,0	4,0	M 6	1	66	19	6,3	5,0	M 7	1	66	19	7,1	5,6	M 8	1,25	72	22	8,0	6,3	M 9	1,25	72	22	9,0	7,1	M 10	1,5	80	24	10,0	8,0	M 11	1,5	85	25	8,0	6,3	M 12	1,75	89	29	9,0	7,1	M 14	2	95	30	11,2	9,0	M 16	2	102	32	12,5	10,0	M 18	2,5	112	37	14,0	11,2	M 20	2,5	112	37	14,0	11,2	M 22	2,5	118	38	16,0	12,5	M 24	3	130	45	18,0	14,0	M 27	3	135	45	20,0	16,0	M 30	3,5	138	48	20,0	16,0	M 33	3,5	151	51	22,4	18,0	M 36	4	162	57	25,0	20,0	M 39	4	170	60	28,0	22,4	M 42	4,5	170	60	28,0	22,4	M 45	4,5	187	67	31,5	25,0	M 48	5	187	67	31,5	25,0	M 52	5	200	70	35,5	28,0	M 56	5,5	200	70	35,5	28,0	M 60	5,5	221	76	40,0	31,5	Availability			Availability			Availability		
Metric size	P mm	l1 mm	l2max mm	d2 mm	a mm																																																																																																																																																																																																																																	
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M 2	0,4	41	8	2,5	2,0																																																																																																																																																																																																																																	
M 2,5	0,45	44,5	9,5	2,8	2,24																																																																																																																																																																																																																																	
M 3	0,5	48	16	3,15	2,5																																																																																																																																																																																																																																	
M 3,5	0,6	50	19	3,55	2,8																																																																																																																																																																																																																																	
M 4	0,7	53	13	4,0	3,15																																																																																																																																																																																																																																	
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M 5	0,8	58	16	5,0	4,0																																																																																																																																																																																																																																	
M 6	1	66	19	6,3	5,0																																																																																																																																																																																																																																	
M 7	1	66	19	7,1	5,6																																																																																																																																																																																																																																	
M 8	1,25	72	22	8,0	6,3																																																																																																																																																																																																																																	
M 9	1,25	72	22	9,0	7,1																																																																																																																																																																																																																																	
M 10	1,5	80	24	10,0	8,0																																																																																																																																																																																																																																	
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M 14	2	95	30	11,2	9,0																																																																																																																																																																																																																																	
M 16	2	102	32	12,5	10,0																																																																																																																																																																																																																																	
M 18	2,5	112	37	14,0	11,2																																																																																																																																																																																																																																	
M 20	2,5	112	37	14,0	11,2																																																																																																																																																																																																																																	
M 22	2,5	118	38	16,0	12,5																																																																																																																																																																																																																																	
M 24	3	130	45	18,0	14,0																																																																																																																																																																																																																																	
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M 39	4	170	60	28,0	22,4																																																																																																																																																																																																																																	
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* - available on request

P0-Bright • P1-Steam tempered • P2-Bronze • P3-Moc • P4-Nitrided • P5-TiN • P6-TiCN • P7-HY • P8-TiAlN • P9-TiB

Short Machine Taps ISO 529, HSS

Metric ISO-Coarse Thread, ISO 965

Product Group	I0										
List-No.	60010	60015	60020	60027	60025						
Type	SpPt	SpPt	SpFl	SpFl	SpFl						
Type of hole	TH	TH	BH	BH	BH						
Length of chamfer lead (Thread)	4 - 5	4 - 5	1,5 - 2,5	1,5 - 2,5	1,5 - 2,5						
Tolerance	ISO2/6H	ISO2/6H	ISO2/6H	ISO2/6H	ISO2/6H						
Surface	P1	P5	P0	P1	P5						
<p>TH = Through hole BH = Blind hole</p>											
Metric size	P mm	l1 mm	l2max mm	d2 mm	a mm	Availability	Availability	Availability	Availability	Availability	
M 1	0,25	38,5	5,5	2,5	2,0	•					
M 1,2	0,25	38,5	5,5	2,5	2,0	•					
M 1,4	0,3	40	7	2,5	2,0	•					
M 1,6	0,35	41	8	2,5	2,0	•					
M 2	0,4	41	8	2,5	2,0	•		•	•		
M 2,5	0,45	44,5	9,5	2,8	2,24	•		•	•		
M 3	0,5	48	16	3,15	2,5	•	•	•	•	•	
M 3,5	0,6	50	19	3,55	2,8	•	•	•	•		
M 4	0,7	53	13	4,0	3,15	•	•	•	•	•	
M 5	0,8	58	16	5,0	4,0	•	•	•	•	•	
M 6	1,0	66	19	6,3	5,0	•	•	•	•	•	
M 7	1,0	66	19	7,1	5,6	•	•	•	•	•	
M 8	1,25	72	22	8,0	6,3	•	•	•	•	•	
M 10	1,5	80	24	10,0	8,0	•	•	•	•	•	
M 12	1,75	89	29	9,0	7,1	•	•	•	•	•	
M 14	2,0	95	30	11,2	9,0	•	•	•	•	•	
M 16	2,0	102	32	12,5	10,0	•	•	•	•	•	
M 18	2,5	112	37	14,0	11,2	•		•	*		
M 20	2,5	112	37	14,0	11,2	•		•	*		
M 22	2,5	118	38	16,0	12,5	•		•	*		
M 24	3,0	130	45	18,0	14,0	•		•	*		
M 27	3,0	135	45	20,0	16,0	•		•	*		
M 30	3,5	138	48	20,0	16,0	•		•	*		
* - available on request											

P0-Bright • P1-Steam tempered • P2-Bronze • P3-Moc • P4-Nitrided • P5-TiN • P6-TiCN • P7-HY • P8-TiAlN • P9-TiB

