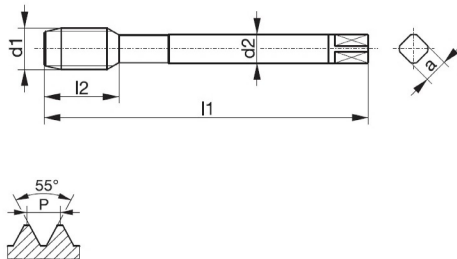
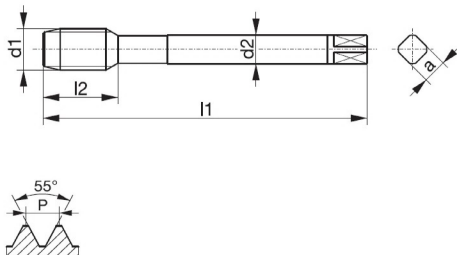


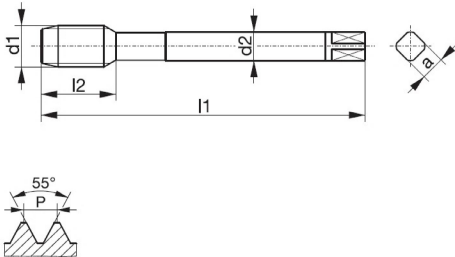
Typenbezeichnung / type / type / tipo / tipo	VARIANT 2 VA	VARIANT 2 VA	VARIO 2 GG																																																																																																																						
G-Rohrgewinde DIN EN ISO 228 British standard pipe thread DIN EN ISO 228 Filetage pas du gaz DIN EN ISO 228 Filettatura Whitworth gas DIN EN ISO 228 Rosca para tubo norma británica DIN EN ISO 228 DIN 5156 																																																																																																																									
Bohrung / bore / type de trou / fori / tipos de agujeros																																																																																																																									
Einsatzgebiet / application / application adatto per lavorazione di / aplicación	1.1-1.5 / 2.1-2.3 3.2-3.4 / 4.1-4.5 5.2-5.3 / 7.1-7.2 8.1	1.1-1.5 / 2.1-2.3 3.2-3.4 / 4.1-4.3 5.2-5.3	3.1-3.4 / 5.4 8.2-8.3																																																																																																																						
Ausführung / model / exécution / modello / modelo	TIN	HL	TICN																																																																																																																						
Werkstoff / tool material / substrat / materiale / material	HSSE-PM	HSSE-PM	HSSE-PM																																																																																																																						
Gewindetoleranz / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca																																																																																																																									
Schafttoleranz / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango	h9	h9	h9																																																																																																																						
Anschnitt / chamfer / entrée / imbocco / entrada	B / 3-5,5	B / 3-5,5	C / 2-3																																																																																																																						
<table><tr><th>Ød₁</th><th>P</th><th>l₁</th><th>l₂</th><th>l₃</th><th>Ød₂</th><th>a</th><th></th><th>Identnummer / identification number / code article / codice / número de identificación</th></tr><tr><td>G 1/8"</td><td>28</td><td>90</td><td>18</td><td>-</td><td>7</td><td>5,5</td><td>8,8</td><td>005191 038737 105288</td></tr><tr><td>G 1/4"</td><td>19</td><td>100</td><td>22</td><td>-</td><td>11</td><td>9</td><td>11,8</td><td>005190 045668 105287</td></tr><tr><td>G 3/8"</td><td>19</td><td>100</td><td>22</td><td>-</td><td>12</td><td>9</td><td>15,25</td><td>005193 045669 105290</td></tr><tr><td>G 1/2"</td><td>14</td><td>125</td><td>25</td><td>-</td><td>16</td><td>12</td><td>19</td><td>005192 045671 105286</td></tr><tr><td>G 5/8"</td><td>14</td><td>125</td><td>25</td><td>-</td><td>18</td><td>14,5</td><td>21</td><td>048922</td></tr><tr><td>G 3/4"</td><td>14</td><td>140</td><td>28</td><td>-</td><td>20</td><td>16</td><td>24,5</td><td>005196 045673 105289</td></tr><tr><td>G 1"</td><td>11</td><td>160</td><td>30</td><td>-</td><td>25</td><td>20</td><td>30,75</td><td>005189 045674 004583</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>	Ød ₁	P	l ₁	l ₂	l ₃	Ød ₂	a		Identnummer / identification number / code article / codice / número de identificación	G 1/8"	28	90	18	-	7	5,5	8,8	005191 038737 105288	G 1/4"	19	100	22	-	11	9	11,8	005190 045668 105287	G 3/8"	19	100	22	-	12	9	15,25	005193 045669 105290	G 1/2"	14	125	25	-	16	12	19	005192 045671 105286	G 5/8"	14	125	25	-	18	14,5	21	048922	G 3/4"	14	140	28	-	20	16	24,5	005196 045673 105289	G 1"	11	160	30	-	25	20	30,75	005189 045674 004583																																																	
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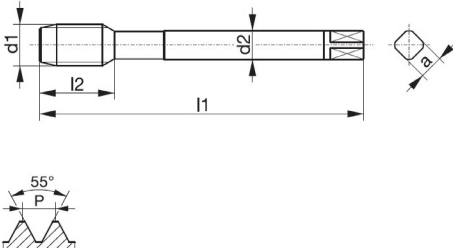
Maschinengewindebohrer

machine taps / tarauds machine / maschi a macchina / machos para roscado a máquina



Typenbezeichnung / type / type / tipo / tipo	AVANT 2 H15	AVANT 2 H25	DOMINANT 2 HZ38	DOMINANT 2 HZ38																																																																																																																																							
G-Rohrgewinde DIN EN ISO 228 British standard pipe thread DIN EN ISO 228 Filetage pas du gaz DIN EN ISO 228 Filettatura Whitworth gas DIN EN ISO 228 Rosca para tubo norma británica DIN EN ISO 228 DIN 5156 																																																																																																																																											
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Einsatzgebiet / application / application adatto per lavorazione di / aplicación	1.4-1.5 / 4.1-4.6	1.2-1.6 / 2.1-2.3 3.2 / 4.2-4.3 5.1-5.3	1.2-1.5 / 4.1 4.3 / 4.5	1.2-1.5 / 4.1 4.3 / 4.5																																																																																																																																							
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Werkstoff / tool material / substrat / materiale / material	HSSE-PM	HSSE-PM	HSSE-PM	HSSE-PM																																																																																																																																							
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Schafttoleranz / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango	h9	h9	h9	h9																																																																																																																																							
Anschnitt / chamfer / entrée / imbocco / entrada	C / 2-3	E / 1,5-2	C / 2-3	C / 2-3																																																																																																																																							
<table><tr><th>Ød₁</th><th>P</th><th>l₁</th><th>l₂</th><th>l₃</th><th>Ød₂</th><th>a</th><th></th><th>Identnummer / identification number / code article / codice / número de identificación</th></tr><tr><td>G 1/8"</td><td>28</td><td>90</td><td>12</td><td>-</td><td>7</td><td>5,5</td><td>8,8</td><td></td></tr><tr><td>G 1/8"</td><td>28</td><td>90</td><td>18</td><td>-</td><td>7</td><td>5,5</td><td>8,8</td><td>107938</td></tr><tr><td>G 1/4"</td><td>19</td><td>100</td><td>15</td><td>-</td><td>11</td><td>9</td><td>11,8</td><td>043468</td></tr><tr><td>G 1/4"</td><td>19</td><td>100</td><td>20</td><td>-</td><td>11</td><td>9</td><td>11,8</td><td>107936</td></tr><tr><td>G 3/8"</td><td>19</td><td>100</td><td>15</td><td>-</td><td>12</td><td>9</td><td>15,25</td><td>043469</td></tr><tr><td>G 3/8"</td><td>19</td><td>100</td><td>22</td><td>-</td><td>12</td><td>9</td><td>15,25</td><td>107940</td></tr><tr><td>G 1/2"</td><td>14</td><td>125</td><td>18</td><td>-</td><td>16</td><td>12</td><td>19</td><td>043470</td></tr><tr><td>G 1/2"</td><td>14</td><td>125</td><td>25</td><td>-</td><td>16</td><td>12</td><td>19</td><td>107935</td></tr><tr><td>G 3/4"</td><td>14</td><td>140</td><td>20</td><td>-</td><td>20</td><td>16</td><td>24,5</td><td>043471</td></tr><tr><td>G 1"</td><td>11</td><td>160</td><td>24</td><td>-</td><td>25</td><td>20</td><td>30,75</td><td>043472</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>	Ød ₁	P	l ₁	l ₂	l ₃	Ød ₂	a		Identnummer / identification number / code article / codice / número de identificación	G 1/8"	28	90	12	-	7	5,5	8,8		G 1/8"	28	90	18	-	7	5,5	8,8	107938	G 1/4"	19	100	15	-	11	9	11,8	043468	G 1/4"	19	100	20	-	11	9	11,8	107936	G 3/8"	19	100	15	-	12	9	15,25	043469	G 3/8"	19	100	22	-	12	9	15,25	107940	G 1/2"	14	125	18	-	16	12	19	043470	G 1/2"	14	125	25	-	16	12	19	107935	G 3/4"	14	140	20	-	20	16	24,5	043471	G 1"	11	160	24	-	25	20	30,75	043472																																								
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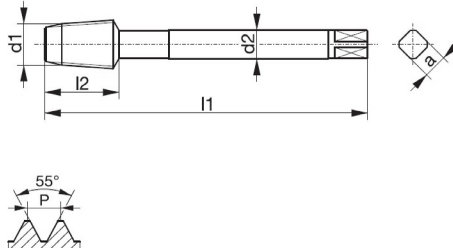
Type / type / tipo	DOMINANT 2 HZ38	DOMINANT 2 VA45	DOMINANT 2 VA45	DOMINANT 2 VA45																																																																																																
G-Rohrgewinde DIN EN ISO 228 British standard pipe thread DIN EN ISO 228 Filetage pas du gaz DIN EN ISO 228 Filettatura Whitworth gas DIN EN ISO 228 Rosca para tubo norma británica DIN EN ISO 228 DIN 5156 																																																																																																				
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Einsatzgebiet / application / application adatto per lavorazione di / aplicación	1.2-1.5 / 2.1-2.3 3.2-3.4	1.3-1.5 / 4.3 4.5 / 5.1-5.3 8.1	1.1-1.6 / 2.1-2.3 4.1 / 4.3 / 4.5 5.1-5.3 / 7.1 8.1	1.1-1.6 / 2.1-2.3 3.1-3.4 / 5.1-5.3 7.1-7.2																																																																																																
Ausführung / model / exécution / modello / modelo	HL		TIN	HL																																																																																																
Werkstoff / tool material / substrat / materiale / material	HSSE-PM	HSSE-PM	HSSE-PM	HSSE-PM																																																																																																
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Schafttoleranz / shank tolerance / tolérance de queue / toleranza del gambo / tolerancia del mango	h9	h9	h9	h9																																																																																																
Anschnitt / chamfer / entrée / imbocco / entrada	C / 2-3	C / 2-3	C / 2-3	C / 2-3																																																																																																
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Ød ₁	P	l ₁	l ₂	l ₃	Ød ₂	a		Identnummer / identification number / code article / codice / número de identificación																																																																																												
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G 1/2"	14	125	18	-	16	12	19	048924	024852	024859	026959																																																																																									
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Typenbezeichnung / type / type / tipo / tipo	VARIO 2 N																																																																																								
Rp-Zylindrisches Rohrgewinde DIN EN 10226-1 British standard pipe thread DIN EN 10226-1 Filetage Whitworth cylindrique DIN EN 10226-1 Filettatura cilindrica interna Whitworth DIN EN 10226-1 Rosca cilíndrica interna para tubo norma británica Whitworth DIN EN 10226-1 DIN 5156 																																																																																									
Bohrung / bore / type de trou / fori / tipos de agujeros																																																																																									
Einsatzgebiet / application / application adatto per lavorazione di / aplicación	1.2-1.3 / 4.2 5.1-5.3																																																																																								
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Werkstoff / tool material / substrat / materiale / material	HSSE-PM																																																																																								
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Ød ₁	P	l ₁	l ₂	l ₃	Ød ₂	a		Identnummer / identification number / code article / codice / número de identificación																																																																																	
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Rp 3/8"	19	100	22	-	12	9	15	110036																																																																																	
Rp 1/2"	14	125	25	-	16	12	18,5	110030																																																																																	
Rp 3/4"	14	140	28	-	20	16	24	110035																																																																																	
Rp 1"	11	160	30	-	25	20	30,25	110027																																																																																	
Rp 1.1/4"	11	170	30	-	32	24	39	110029																																																																																	
Rp 1.1/2"	11	190	32	-	36	29	44,85	110028																																																																																	

Maschinengewindebohrer

machine taps / tarauds machine / maschi a macchina / machos para roscado a máquina



Typenbezeichnung / type / type / tipo / tipo	VARIO 2 N	VARIO 2 H							
Rc-Kegeliges Rohrgewinde DIN EN 10226-2 und ISO 7/1 kegelig 1:16 Whitworth-Pipe thread DIN EN 10226-2 and ISO 7/1 tapered 1:16 Filetage pas du gaz Whitworth DIN EN 10226-2 et ISO 7/1 conique 1:16 Filettatura conica Whitworth DIN EN 10226-2 e ISO 7/1 conico 1:16 Rosca cónica Whitworth DIN EN 10226-2 e ISO 7/1 cónico 1:16 									
Bohrung / bore / type de trou / fori / tipos de agujeros									
Einsatzgebiet / application / application adatto per lavorazione di / aplicación	1.2-1.3 / 4.2 5.1-5.3	1.2-1.3 / 5.2							
Ausführung / model / exécution / modello / modelo		VAP							
Werkstoff / tool material / substrat / materiale / material	HSSE-PM	HSSE-PM							
Gewindetoleranz / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca									
Schafttoleranz / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango	h9	h9							
Anschnitt / chamfer / entrée / imbocco / entrada	C / 2-3	C / 2-3							
Ød₁ P l₁ l₂ l₃ Ød₂ a  Identnummer / identification number / code article / codice / número de identificación									
Rc 1/8"	28	90	13	-	7	5,5	8,3	110044	110057
Rc 1/4"	19	100	20	-	11	9	11,1	110043	110056
Rc 3/8"	19	110	20	-	12	9	14,5	110047	110059
Rc 1/2"	14	125	26	-	16	12	18	110042	110055
Rc 3/4"	14	140	26	-	20	16	23,5	110046	110058
Rc 1"	11	150	32	-	25	20	29,75	110039	110054