



● Tool material : HSS-Co ● Tip angle : 118° ● Parabolic Flute Type

| TYコード code | 刃径 Dia. | 溝長 Flute length | 全長 Overall length | TYコード code | 刃径 Dia. | 溝長 Flute length | 全長 Overall length | TYコード code | 刃径 Dia. | 溝長 Flute length | 全長 Overall length |
|---------------|------------|--------------------|----------------------|---------------|------------|--------------------|----------------------|---------------|------------|--------------------|----------------------|
| NA21072 | 1 | 30 | 70 | NA21130 | 6.8 | 80 | 115 | NA21188 | 12.6 | 115 | 155 |
| NA21073 | 1.1 | 30 | 70 | NA21131 | 6.9 | 80 | 115 | NA21189 | 12.7 | 115 | 155 |
| NA21074 | 1.2 | 30 | 70 | NA21132 | 7 | 80 | 115 | NA21190 | 12.8 | 115 | 155 |
| NA21075 | 1.3 | 30 | 70 | NA21133 | 7.1 | 80 | 115 | NA21191 | 12.9 | 115 | 155 |
| NA21076 | 1.4 | 30 | 70 | NA21134 | 7.2 | 80 | 115 | NA21192 | 13 | 115 | 155 |
| NA21077 | 1.5 | 30 | 70 | NA21135 | 7.3 | 80 | 115 | | | | |
| NA21078 | 1.6 | 30 | 70 | NA21136 | 7.4 | 80 | 115 | | | | |
| NA21079 | 1.7 | 30 | 70 | NA21137 | 7.5 | 80 | 115 | | | | |
| NA21080 | 1.8 | 30 | 70 | NA21138 | 7.6 | 80 | 115 | | | | |
| NA21081 | 1.9 | 30 | 70 | NA21139 | 7.7 | 85 | 125 | | | | |
| NA21082 | 2 | 30 | 70 | NA21140 | 7.8 | 85 | 125 | | | | |
| NA21083 | 2.1 | 35 | 70 | NA21141 | 7.9 | 85 | 125 | | | | |
| NA21084 | 2.2 | 35 | 70 | NA21142 | 8 | 85 | 125 | | | | |
| NA21085 | 2.3 | 35 | 70 | NA21143 | 8.1 | 85 | 125 | | | | |
| NA21086 | 2.4 | 35 | 70 | NA21144 | 8.2 | 85 | 125 | | | | |
| NA21087 | 2.5 | 35 | 70 | NA21145 | 8.3 | 85 | 125 | | | | |
| NA21088 | 2.6 | 35 | 70 | NA21146 | 8.4 | 85 | 125 | | | | |
| NA21089 | 2.7 | 35 | 70 | NA21147 | 8.5 | 85 | 125 | | | | |
| NA21090 | 2.8 | 45 | 80 | NA21148 | 8.6 | 85 | 125 | | | | |
| NA21091 | 2.9 | 45 | 80 | NA21149 | 8.7 | 85 | 125 | | | | |
| NA21092 | 3 | 45 | 80 | NA21150 | 8.8 | 90 | 130 | | | | |
| NA21093 | 3.1 | 45 | 80 | NA21151 | 8.9 | 90 | 130 | | | | |
| NA21094 | 3.2 | 45 | 80 | NA21152 | 9 | 90 | 130 | | | | |
| NA21095 | 3.3 | 45 | 80 | NA21153 | 9.1 | 90 | 130 | | | | |
| NA21096 | 3.4 | 45 | 80 | NA21154 | 9.2 | 90 | 130 | | | | |
| NA21097 | 3.5 | 45 | 80 | NA21155 | 9.3 | 90 | 130 | | | | |
| NA21098 | 3.6 | 55 | 90 | NA21156 | 9.4 | 90 | 130 | | | | |
| NA21099 | 3.7 | 55 | 90 | NA21157 | 9.5 | 90 | 130 | | | | |
| NA21100 | 3.8 | 55 | 90 | NA21158 | 9.6 | 100 | 140 | | | | |
| NA21101 | 3.9 | 55 | 90 | NA21159 | 9.7 | 100 | 140 | | | | |
| NA21102 | 4 | 55 | 90 | NA21160 | 9.8 | 100 | 140 | | | | |
| NA21103 | 4.1 | 55 | 90 | NA21161 | 9.9 | 100 | 140 | | | | |
| NA21104 | 4.2 | 55 | 90 | NA21162 | 10 | 100 | 140 | | | | |
| NA21105 | 4.3 | 55 | 90 | NA21163 | 10.1 | 100 | 140 | | | | |
| NA21106 | 4.4 | 55 | 90 | NA21164 | 10.2 | 100 | 140 | | | | |
| NA21107 | 4.5 | 55 | 90 | NA21165 | 10.3 | 100 | 140 | | | | |
| NA21108 | 4.6 | 55 | 90 | NA21166 | 10.4 | 100 | 140 | | | | |
| NA21109 | 4.7 | 65 | 100 | NA21167 | 10.5 | 100 | 140 | | | | |
| NA21110 | 4.8 | 65 | 100 | NA21168 | 10.6 | 100 | 140 | | | | |
| NA21111 | 4.9 | 65 | 100 | NA21169 | 10.7 | 100 | 140 | | | | |
| NA21112 | 5 | 65 | 100 | NA21170 | 10.8 | 105 | 145 | | | | |
| NA21113 | 5.1 | 65 | 100 | NA21171 | 10.9 | 105 | 145 | | | | |
| NA21114 | 5.2 | 65 | 100 | NA21172 | 11 | 105 | 145 | | | | |
| NA21115 | 5.3 | 65 | 100 | NA21173 | 11.1 | 105 | 145 | | | | |
| NA21116 | 5.4 | 65 | 100 | NA21174 | 11.2 | 105 | 145 | | | | |
| NA21117 | 5.5 | 65 | 100 | NA21175 | 11.3 | 105 | 145 | | | | |
| NA21118 | 5.6 | 75 | 110 | NA21176 | 11.4 | 105 | 145 | | | | |
| NA21119 | 5.7 | 75 | 110 | NA21177 | 11.5 | 105 | 145 | | | | |
| NA21120 | 5.8 | 75 | 110 | NA21178 | 11.6 | 115 | 155 | | | | |
| NA21121 | 5.9 | 75 | 110 | NA21179 | 11.7 | 115 | 155 | | | | |
| NA21122 | 6 | 75 | 110 | NA21180 | 11.8 | 115 | 155 | | | | |
| NA21123 | 6.1 | 75 | 110 | NA21181 | 11.9 | 115 | 155 | | | | |
| NA21124 | 6.2 | 75 | 110 | NA21182 | 12 | 115 | 155 | | | | |
| NA21125 | 6.3 | 75 | 110 | NA21183 | 12.1 | 115 | 155 | | | | |
| NA21126 | 6.4 | 75 | 110 | NA21184 | 12.2 | 115 | 155 | | | | |
| NA21127 | 6.5 | 75 | 110 | NA21185 | 12.3 | 115 | 155 | | | | |
| NA21128 | 6.6 | 75 | 110 | NA21186 | 12.4 | 115 | 155 | | | | |
| NA21129 | 6.7 | 80 | 115 | NA21187 | 12.5 | 115 | 155 | | | | |



●材質 (material) : HSS-Co ●先端角 (tip angle) : 118° ●強ねじれタイプ (parabolic type)

| TYコード code | 刃径 Dia. | 溝長 Flute length | 全長 Overall length | TYコード code | 刃径 Dia. | 溝長 Flute length | 全長 Overall length | TYコード code | 刃径 Dia. | 溝長 Flute length | 全長 Overall length |
|---------------|------------|--------------------|----------------------|---------------|------------|--------------------|----------------------|---------------|------------|--------------------|----------------------|
| NA21193 | 1 | 50 | 100 | NA21285 | 4.1 | 150 | 200 | NA21458 | 6.2 | 200 | 300 |
| NA21194 | 1.1 | 50 | 100 | NA21246 | 4.2 | 100 | 150 | NA21267 | 6.3 | 100 | 150 |
| NA21195 | 1.2 | 50 | 100 | NA21286 | | 150 | 200 | NA21307 | | 150 | 200 |
| NA21196 | 1.3 | 50 | 100 | NA21247 | 4.3 | 100 | 150 | NA21388 | 6.4 | 175 | 250 |
| NA21197 | 1.4 | 50 | 100 | NA21287 | | 150 | 200 | NA21459 | | 200 | 300 |
| NA21198 | 1.5 | 50 | 100 | NA21248 | 4.4 | 100 | 150 | NA21268 | 6.5 | 100 | 150 |
| NA21199 | 1.6 | 50 | 100 | NA21288 | | 150 | 200 | NA21308 | | 150 | 200 |
| NA21200 | 1.7 | 50 | 100 | NA21249 | 4.5 | 100 | 150 | NA21389 | 6.6 | 175 | 250 |
| NA21201 | 1.8 | 50 | 100 | NA21289 | | 150 | 200 | NA21460 | | 200 | 300 |
| NA21202 | 1.9 | 50 | 100 | NA21250 | 4.6 | 100 | 150 | NA21309 | 6.7 | 150 | 200 |
| NA21203 | 2 | 60 | 100 | NA21290 | | 150 | 200 | NA21390 | | 175 | 250 |
| NA21224 | | 80 | 150 | NA21251 | 4.7 | 100 | 150 | NA21269 | 6.8 | 100 | 150 |
| NA21204 | 60 | 100 | NA21291 | 150 | | 200 | NA21461 | 200 | | 300 | |
| NA21225 | 2.1 | 80 | 150 | NA21252 | 4.8 | 100 | 150 | NA21310 | 6.9 | 150 | 200 |
| NA21205 | 2.2 | 60 | 100 | NA21292 | | 150 | 200 | NA21391 | | 175 | 250 |
| NA21226 | 2.3 | 80 | 150 | NA21253 | 4.9 | 100 | 150 | NA21270 | 7 | 100 | 150 |
| NA21206 | | 60 | 100 | NA21293 | | 150 | 200 | NA21462 | | 200 | 300 |
| NA21227 | 2.4 | 80 | 150 | NA21254 | 5 | 100 | 150 | NA21311 | 7.1 | 150 | 200 |
| NA21207 | | 60 | 100 | NA21294 | | 150 | 200 | NA21392 | | 175 | 250 |
| NA21228 | 2.5 | 80 | 150 | NA21375 | 5.1 | 175 | 250 | NA21271 | 7.2 | 100 | 150 |
| NA21208 | | 60 | 100 | NA21255 | | 100 | 150 | NA21463 | | 200 | 300 |
| NA21229 | 2.6 | 80 | 150 | NA21295 | 5.2 | 150 | 200 | NA21312 | 7.3 | 150 | 200 |
| NA21209 | | 60 | 100 | NA21376 | | 175 | 250 | NA21393 | | 175 | 250 |
| NA21230 | 2.7 | 80 | 150 | NA21256 | 5.3 | 100 | 150 | NA21272 | 7.4 | 100 | 150 |
| NA21210 | | 60 | 100 | NA21296 | | 150 | 200 | NA21464 | | 200 | 300 |
| NA21231 | 2.8 | 80 | 150 | NA21377 | 5.4 | 175 | 250 | NA21313 | 7.5 | 150 | 200 |
| NA21211 | | 60 | 100 | NA21257 | | 100 | 150 | NA21394 | | 175 | 250 |
| NA21232 | 2.9 | 80 | 150 | NA21297 | 5.5 | 150 | 200 | NA21273 | 7.6 | 100 | 150 |
| NA21212 | | 60 | 100 | NA21378 | | 175 | 250 | NA21465 | | 200 | 300 |
| NA21233 | 3 | 80 | 150 | NA21258 | 5.6 | 100 | 150 | NA21314 | 7.7 | 150 | 200 |
| NA21213 | | 60 | 100 | NA21298 | | 150 | 200 | NA21395 | | 175 | 250 |
| NA21234 | 3.1 | 100 | 150 | NA21379 | 5.7 | 175 | 250 | NA21274 | 7.8 | 100 | 150 |
| NA21214 | | 60 | 100 | NA21259 | | 100 | 150 | NA21466 | | 200 | 300 |
| NA21235 | 3.2 | 100 | 150 | NA21299 | 5.8 | 150 | 200 | NA21315 | 7.9 | 150 | 200 |
| NA21215 | | 60 | 100 | NA21380 | | 175 | 250 | NA21396 | | 175 | 250 |
| NA21236 | 3.3 | 100 | 150 | NA21260 | 5.9 | 100 | 150 | NA21275 | 8 | 100 | 150 |
| NA21216 | | 60 | 100 | NA21300 | | 150 | 200 | NA21467 | | 200 | 300 |
| NA21237 | 3.4 | 100 | 150 | NA21381 | 6 | 175 | 250 | NA21316 | 8.1 | 150 | 200 |
| NA21217 | | 60 | 100 | NA21261 | | 100 | 150 | NA21397 | | 175 | 250 |
| NA21238 | 3.5 | 100 | 150 | NA21301 | 6.1 | 150 | 200 | NA21276 | 8.2 | 100 | 150 |
| NA21218 | | 60 | 100 | NA21382 | | 175 | 250 | NA21468 | | 200 | 300 |
| NA21239 | 3.6 | 100 | 150 | NA21262 | 6.2 | 100 | 150 | NA21317 | 8.3 | 150 | 200 |
| NA21219 | | 60 | 100 | NA21302 | | 150 | 200 | NA21398 | | 175 | 250 |
| NA21240 | 3.7 | 100 | 150 | NA21383 | 6.3 | 175 | 250 | NA21277 | 8.4 | 100 | 150 |
| NA21280 | | 150 | 200 | NA21263 | | 100 | 150 | NA21469 | | 200 | 300 |
| NA21220 | 3.8 | 60 | 100 | NA21303 | 6.4 | 150 | 200 | NA21318 | 8.5 | 150 | 200 |
| NA21241 | | 100 | 150 | NA21384 | | 175 | 250 | NA21399 | | 175 | 250 |
| NA21281 | 3.9 | 150 | 200 | NA21264 | 6.5 | 100 | 150 | NA21278 | 8.6 | 100 | 150 |
| NA21221 | | 60 | 100 | NA21304 | | 150 | 200 | NA21470 | | 200 | 300 |
| NA21242 | 4 | 100 | 150 | NA21385 | 6.6 | 175 | 250 | NA21319 | 8.7 | 150 | 200 |
| NA21282 | | 150 | 200 | NA21456 | | 200 | 300 | NA21400 | | 175 | 250 |
| NA21222 | 4.1 | 60 | 100 | NA21265 | 6.7 | 100 | 150 | NA21471 | 8.8 | 200 | 300 |
| NA21243 | | 100 | 150 | NA21305 | | 150 | 200 | NA21279 | | 100 | 150 |
| NA21283 | 4.2 | 150 | 200 | NA21386 | 6.8 | 175 | 250 | NA21320 | 8.9 | 150 | 200 |
| NA21223 | | 60 | 100 | NA21457 | | 200 | 300 | NA21401 | | 175 | 250 |
| NA21244 | 4.3 | 100 | 150 | NA21266 | 6.9 | 100 | 150 | NA21272 | 9 | 200 | 300 |
| NA21284 | | 150 | 200 | NA21306 | | 150 | 200 | NA21321 | | 150 | 200 |
| NA21245 | 4.4 | 100 | 150 | NA21387 | 7 | 175 | 250 | NA21402 | 9.1 | 175 | 250 |



● Tool material : HSS-Co ● Tip angle : 118° ● Parabolic Flute Type

| TYコード code | 刃径 Dia. | 溝長 Flute length | 全長 Overall length | TYコード code | 刃径 Dia. | 溝長 Flute length | 全長 Overall length | TYコード code | 刃径 Dia. | 溝長 Flute length | 全長 Overall length |
|---------------|------------|--------------------|----------------------|---------------|------------|--------------------|----------------------|---------------|------------|--------------------|----------------------|
| NA21473 | 7.7 | 200 | 300 | NA21341 | | 150 | 200 | NA21441 | | 175 | 250 |
| NA21322 | | 150 | 200 | NA21422 | 9.7 | 175 | 250 | NA21512 | 11.6 | 200 | 300 |
| NA21403 | 7.8 | 175 | 250 | NA21493 | | 200 | 300 | NA21361 | | 150 | 200 |
| NA21474 | | 200 | 300 | NA21342 | | 150 | 200 | NA21442 | 11.7 | 175 | 250 |
| NA21323 | | 150 | 200 | NA21423 | 9.8 | 175 | 250 | NA21513 | | 200 | 300 |
| NA21404 | 7.9 | 175 | 250 | NA21494 | | 200 | 300 | NA21362 | | 150 | 200 |
| NA21475 | | 200 | 300 | NA21343 | | 150 | 200 | NA21443 | 11.8 | 175 | 250 |
| NA21324 | | 150 | 200 | NA21424 | 9.9 | 175 | 250 | NA21514 | | 200 | 300 |
| NA21405 | 8 | 175 | 250 | NA21495 | | 200 | 300 | NA21363 | | 150 | 200 |
| NA21476 | | 200 | 300 | NA21344 | | 150 | 200 | NA21444 | 11.9 | 175 | 250 |
| NA21325 | | 150 | 200 | NA21425 | 10 | 175 | 250 | NA21515 | | 200 | 300 |
| NA21406 | 8.1 | 175 | 250 | NA21496 | | 200 | 300 | NA21364 | | 150 | 200 |
| NA21477 | | 200 | 300 | NA21345 | | 150 | 200 | NA21445 | 12 | 175 | 250 |
| NA21326 | | 150 | 200 | NA21426 | 10.1 | 175 | 250 | NA21516 | | 200 | 300 |
| NA21407 | 8.2 | 175 | 250 | NA21497 | | 200 | 300 | NA21365 | | 150 | 200 |
| NA21478 | | 200 | 300 | NA21346 | | 150 | 200 | NA21446 | 12.1 | 175 | 250 |
| NA21327 | | 150 | 200 | NA21427 | 10.2 | 175 | 250 | NA21517 | | 200 | 300 |
| NA21408 | 8.3 | 175 | 250 | NA21498 | | 200 | 300 | NA21366 | | 150 | 200 |
| NA21479 | | 200 | 300 | NA21347 | | 150 | 200 | NA21447 | 12.2 | 175 | 250 |
| NA21328 | | 150 | 200 | NA21428 | 10.3 | 175 | 250 | NA21518 | | 200 | 300 |
| NA21409 | 8.4 | 175 | 250 | NA21499 | | 200 | 300 | NA21367 | | 150 | 200 |
| NA21480 | | 200 | 300 | NA21348 | | 150 | 200 | NA21448 | 12.3 | 175 | 250 |
| NA21329 | | 150 | 200 | NA21429 | 10.4 | 175 | 250 | NA21519 | | 200 | 300 |
| NA21410 | 8.5 | 175 | 250 | NA21500 | | 200 | 300 | NA21368 | | 150 | 200 |
| NA21481 | | 200 | 300 | NA21349 | | 150 | 200 | NA21449 | 12.4 | 175 | 250 |
| NA21330 | | 150 | 200 | NA21430 | 10.5 | 175 | 250 | NA21520 | | 200 | 300 |
| NA21411 | 8.6 | 175 | 250 | NA21501 | | 200 | 300 | NA21369 | | 150 | 200 |
| NA21482 | | 200 | 300 | NA21350 | | 150 | 200 | NA21450 | 12.5 | 175 | 250 |
| NA21331 | | 150 | 200 | NA21431 | 10.6 | 175 | 250 | NA21521 | | 200 | 300 |
| NA21412 | 8.7 | 175 | 250 | NA21502 | | 200 | 300 | NA21370 | | 150 | 200 |
| NA21483 | | 200 | 300 | NA21351 | | 150 | 200 | NA21451 | 12.6 | 175 | 250 |
| NA21332 | | 150 | 200 | NA21432 | 10.7 | 175 | 250 | NA21522 | | 200 | 300 |
| NA21413 | 8.8 | 175 | 250 | NA21503 | | 200 | 300 | NA21371 | | 150 | 200 |
| NA21484 | | 200 | 300 | NA21352 | | 150 | 200 | NA21452 | 12.7 | 175 | 250 |
| NA21333 | | 150 | 200 | NA21433 | 10.8 | 175 | 250 | NA21523 | | 200 | 300 |
| NA21414 | 8.9 | 175 | 250 | NA21504 | | 200 | 300 | NA21372 | | 150 | 200 |
| NA21485 | | 200 | 300 | NA21353 | | 150 | 200 | NA21453 | 12.8 | 175 | 250 |
| NA21334 | | 150 | 200 | NA21434 | 10.9 | 175 | 250 | NA21524 | | 200 | 300 |
| NA21415 | 9 | 175 | 250 | NA21505 | | 200 | 300 | NA21373 | | 150 | 200 |
| NA21486 | | 200 | 300 | NA21354 | | 150 | 200 | NA21454 | 12.9 | 175 | 250 |
| NA21335 | | 150 | 200 | NA21435 | 11 | 175 | 250 | NA21525 | | 200 | 300 |
| NA21416 | 9.1 | 175 | 250 | NA21506 | | 200 | 300 | NA21374 | | 150 | 200 |
| NA21487 | | 200 | 300 | NA21355 | | 150 | 200 | NA21455 | 13 | 175 | 250 |
| NA21336 | | 150 | 200 | NA21436 | 11.1 | 175 | 250 | NA21526 | | 200 | 300 |
| NA21417 | 9.2 | 175 | 250 | NA21507 | | 200 | 300 | | | | |
| NA21488 | | 200 | 300 | NA21356 | | 150 | 200 | | | | |
| NA21337 | | 150 | 200 | NA21437 | 11.2 | 175 | 250 | | | | |
| NA21418 | 9.3 | 175 | 250 | NA21508 | | 200 | 300 | | | | |
| NA21489 | | 200 | 300 | NA21357 | | 150 | 200 | | | | |
| NA21338 | | 150 | 200 | NA21438 | 11.3 | 175 | 250 | | | | |
| NA21419 | 9.4 | 175 | 250 | NA21509 | | 200 | 300 | | | | |
| NA21490 | | 200 | 300 | NA21358 | | 150 | 200 | | | | |
| NA21339 | | 150 | 200 | NA21439 | 11.4 | 175 | 250 | | | | |
| NA21420 | 9.5 | 175 | 250 | NA21510 | | 200 | 300 | | | | |
| NA21491 | | 200 | 300 | NA21359 | | 150 | 200 | | | | |
| NA21340 | | 150 | 200 | NA21440 | 11.5 | 175 | 250 | | | | |
| NA21421 | 9.6 | 175 | 250 | NA21511 | | 200 | 300 | | | | |
| NA21492 | 9.6 | 200 | 300 | NA21360 | 11.6 | 150 | 200 | | | | |



● Tool material : HSS-Co ● Tip angle : 118° ● Parabolic Flute Type

| TYコード code | 刃径 Dia. | 溝長 Flute length | 全長 Overall length | TYコード code | 刃径 Dia. | 溝長 Flute length | 全長 Overall length |
|---------------|------------|--------------------|----------------------|---------------|------------|--------------------|----------------------|
| NA21527 | 2 | 150 | 200 | NA21555 | | 225 | 350 |
| NA21528 | 2.5 | 150 | 200 | NA21574 | 10.5 | 250 | 400 |
| NA21531 | | 175 | 250 | NA21591 | | 300 | 450 |
| NA21529 | 3 | 150 | 200 | NA21556 | | 225 | 350 |
| NA21532 | | 175 | 250 | NA21575 | 11 | 250 | 400 |
| NA21536 | | 200 | 300 | NA21592 | | 300 | 450 |
| NA21530 | 3.5 | 150 | 200 | NA21601 | | 325 | 500 |
| NA21533 | | 175 | 250 | NA21557 | | 225 | 350 |
| NA21537 | | 200 | 300 | NA21576 | 11.5 | 250 | 400 |
| NA21534 | 4 | 175 | 250 | NA21593 | | 300 | 450 |
| NA21538 | | 200 | 300 | NA21558 | | 225 | 350 |
| NA21542 | | 225 | 350 | NA21577 | 12 | 250 | 400 |
| NA21561 | | 250 | 400 | NA21594 | | 300 | 450 |
| NA21535 | 4.5 | 175 | 250 | NA21602 | | 325 | 500 |
| NA21539 | | 200 | 300 | NA21559 | | 225 | 350 |
| NA21543 | | 225 | 350 | NA21578 | 12.5 | 250 | 400 |
| NA21562 | | 250 | 400 | NA21595 | | 300 | 450 |
| NA21540 | 5 | 200 | 300 | NA21560 | | 225 | 350 |
| NA21544 | | 225 | 350 | NA21579 | 13 | 250 | 400 |
| NA21563 | | 250 | 400 | NA21596 | | 300 | 450 |
| NA21564 | | 250 | 400 | NA21603 | | 325 | 500 |
| NA21580 | | | 300 | | | | |
| NA21691 | | 325 | 500 | | | | |
| NA21541 | 5.5 | 200 | 300 | | | | |
| NA21545 | | 225 | 350 | | | | |
| NA21581 | | 300 | 450 | | | | |
| NA21546 | 6 | 225 | 350 | | | | |
| NA21565 | | 250 | 400 | | | | |
| NA21582 | | 300 | 450 | | | | |
| NA21692 | | 325 | 500 | | | | |
| NA21547 | 6.5 | 225 | 350 | | | | |
| NA21566 | | 250 | 400 | | | | |
| NA21583 | | 300 | 450 | | | | |
| NA21548 | | 225 | 350 | | | | |
| NA21567 | 7 | 250 | 400 | | | | |
| NA21584 | | 300 | 450 | | | | |
| NA21597 | | 325 | 500 | | | | |
| NA21549 | 7.5 | 225 | 350 | | | | |
| NA21568 | | 250 | 400 | | | | |
| NA21585 | | 300 | 450 | | | | |
| NA21550 | 8 | 225 | 350 | | | | |
| NA21569 | | 250 | 400 | | | | |
| NA21586 | | 300 | 450 | | | | |
| NA21598 | | 325 | 500 | | | | |
| NA21551 | 8.5 | 225 | 350 | | | | |
| NA21570 | | 250 | 400 | | | | |
| NA21587 | | 300 | 450 | | | | |
| NA21552 | 9 | 225 | 350 | | | | |
| NA21571 | | 250 | 400 | | | | |
| NA21588 | | 300 | 450 | | | | |
| NA21599 | | 325 | 500 | | | | |
| NA21553 | 9.5 | 225 | 350 | | | | |
| NA21572 | | 250 | 400 | | | | |
| NA21589 | | 300 | 450 | | | | |
| NA21554 | 10 | 225 | 350 | | | | |
| NA21573 | | 250 | 400 | | | | |
| NA21590 | | 300 | 450 | | | | |
| NA21600 | | 325 | 500 | | | | |



● Tool material : HSS-Co ● Tip angle : 118° ● Parabolic Flute Type

| TYコード code | 刃径 Dia. | 溝長 Flute length | 全長 Overall length | TYコード code | 刃径 Dia. | 溝長 Flute length | 全長 Overall length |
|---------------|------------|--------------------|----------------------|---------------|------------|--------------------|----------------------|
| NA20637 | 2 | 35 | 70 | NA20695 | 7.8 | 85 | 125 |
| NA20638 | 2.1 | 35 | 70 | NA20696 | 7.9 | 85 | 125 |
| NA20639 | 2.2 | 35 | 70 | NA20697 | 8 | 85 | 125 |
| NA20640 | 2.3 | 35 | 70 | NA20698 | 8.1 | 85 | 125 |
| NA20641 | 2.4 | 35 | 70 | NA20699 | 8.2 | 85 | 125 |
| NA20642 | 2.5 | 35 | 70 | NA20700 | 8.3 | 85 | 125 |
| NA20643 | 2.6 | 35 | 70 | NA20701 | 8.4 | 85 | 125 |
| NA20644 | 2.7 | 35 | 70 | NA20702 | 8.5 | 85 | 125 |
| NA20645 | 2.8 | 45 | 80 | NA20703 | 8.6 | 85 | 125 |
| NA20646 | 2.9 | 45 | 80 | NA20704 | 8.7 | 85 | 125 |
| NA20647 | 3 | 45 | 80 | NA20705 | 8.8 | 90 | 130 |
| NA20648 | 3.1 | 45 | 80 | NA20706 | 8.9 | 90 | 130 |
| NA20649 | 3.2 | 45 | 80 | NA20707 | 9 | 90 | 130 |
| NA20650 | 3.3 | 45 | 80 | NA20708 | 9.1 | 90 | 130 |
| NA20651 | 3.4 | 45 | 80 | NA20709 | 9.2 | 90 | 130 |
| NA20652 | 3.5 | 45 | 80 | NA20710 | 9.3 | 90 | 130 |
| NA20653 | 3.6 | 55 | 90 | NA20711 | 9.4 | 90 | 130 |
| NA20654 | 3.7 | 55 | 90 | NA20712 | 9.5 | 90 | 130 |
| NA20655 | 3.8 | 55 | 90 | NA20713 | 9.6 | 100 | 140 |
| NA20656 | 3.9 | 55 | 90 | NA20714 | 9.7 | 100 | 140 |
| NA20657 | 4 | 55 | 90 | NA20715 | 9.8 | 100 | 140 |
| NA20658 | 4.1 | 55 | 90 | NA20716 | 9.9 | 100 | 140 |
| NA20659 | 4.2 | 55 | 90 | NA20717 | 10 | 100 | 140 |
| NA20660 | 4.3 | 55 | 90 | NA20718 | 10.1 | 100 | 140 |
| NA20661 | 4.4 | 55 | 90 | NA20719 | 10.2 | 100 | 140 |
| NA20662 | 4.5 | 55 | 90 | NA20720 | 10.3 | 100 | 140 |
| NA20663 | 4.6 | 55 | 90 | NA20721 | 10.4 | 100 | 140 |
| NA20664 | 4.7 | 65 | 100 | NA20722 | 10.5 | 100 | 140 |
| NA20665 | 4.8 | 65 | 100 | NA20723 | 10.6 | 100 | 140 |
| NA20666 | 4.9 | 65 | 100 | NA20724 | 10.7 | 100 | 140 |
| NA20667 | 5 | 65 | 100 | NA20725 | 10.8 | 105 | 145 |
| NA20668 | 5.1 | 65 | 100 | NA20726 | 10.9 | 105 | 145 |
| NA20669 | 5.2 | 65 | 100 | NA20727 | 11 | 105 | 145 |
| NA20670 | 5.3 | 65 | 100 | NA20728 | 11.1 | 105 | 145 |
| NA20671 | 5.4 | 65 | 100 | NA20729 | 11.2 | 105 | 145 |
| NA20672 | 5.5 | 65 | 100 | NA20730 | 11.3 | 105 | 145 |
| NA20673 | 5.6 | 75 | 110 | NA20731 | 11.4 | 105 | 145 |
| NA20674 | 5.7 | 75 | 110 | NA20732 | 11.5 | 105 | 145 |
| NA20675 | 5.8 | 75 | 110 | NA20733 | 11.6 | 115 | 155 |
| NA20676 | 5.9 | 75 | 110 | NA20734 | 11.7 | 115 | 155 |
| NA20677 | 6 | 75 | 110 | NA20735 | 11.8 | 115 | 155 |
| NA20678 | 6.1 | 75 | 110 | NA20736 | 11.9 | 115 | 155 |
| NA20679 | 6.2 | 75 | 110 | NA20737 | 12 | 115 | 155 |
| NA20680 | 6.3 | 75 | 110 | NA20738 | 12.1 | 115 | 155 |
| NA20681 | 6.4 | 75 | 110 | NA20739 | 12.2 | 115 | 155 |
| NA20682 | 6.5 | 75 | 110 | NA20740 | 12.3 | 115 | 155 |
| NA20683 | 6.6 | 75 | 110 | NA20741 | 12.4 | 115 | 155 |
| NA20684 | 6.7 | 80 | 115 | NA20742 | 12.5 | 115 | 155 |
| NA20685 | 6.8 | 80 | 115 | NA20743 | 12.6 | 115 | 155 |
| NA20686 | 6.9 | 80 | 115 | NA20744 | 12.7 | 115 | 155 |
| NA20687 | 7 | 80 | 115 | NA20745 | 12.8 | 115 | 155 |
| NA20688 | 7.1 | 80 | 115 | NA20746 | 12.9 | 115 | 155 |
| NA20689 | 7.2 | 80 | 115 | NA20747 | 13 | 115 | 155 |
| NA20690 | 7.3 | 80 | 115 | | | | |
| NA20691 | 7.4 | 80 | 115 | | | | |
| NA20692 | 7.5 | 80 | 115 | | | | |
| NA20693 | 7.6 | 80 | 115 | | | | |
| NA20694 | 7.7 | 85 | 125 | | | | |



● Tool material : HSS-Co ● Tip angle : 118° ● Parabolic Flute Type

| TYコード code | 刃径 Dia. | 溝長 Flute length | 全長 Overall length | TYコード code | 刃径 Dia. | 溝長 Flute length | 全長 Overall length | TYコード code | 刃径 Dia. | 溝長 Flute length | 全長 Overall length |
|---------------|------------|--------------------|----------------------|---------------|------------|--------------------|----------------------|---------------|------------|--------------------|----------------------|
| NA20748 | 2 | 60 | 100 | NA20835 | 4.6 | 150 | 200 | NA20854 | 6.5 | 150 | 200 |
| NA20769 | | 80 | 150 | NA20796 | 4.7 | 100 | 150 | NA21006 | | 200 | 300 |
| NA20749 | 2.1 | 60 | 100 | NA20836 | | 150 | 200 | NA20935 | 175 | 250 | |
| NA20770 | | 80 | 150 | NA20797 | 4.8 | 100 | 150 | NA20815 | 100 | 150 | |
| NA20750 | 2.2 | 60 | 100 | NA20837 | | 150 | 200 | NA20855 | 150 | 200 | |
| NA20771 | | 80 | 150 | NA20798 | 4.9 | 100 | 150 | NA21007 | 200 | 300 | |
| NA20751 | 2.3 | 60 | 100 | NA20838 | | 150 | 200 | NA20936 | 175 | 250 | |
| NA20772 | | 80 | 150 | NA20799 | 5 | 100 | 150 | NA20816 | 100 | 150 | |
| NA20752 | 2.4 | 60 | 100 | NA20839 | | 150 | 200 | NA20856 | 150 | 200 | |
| NA20773 | | 80 | 150 | NA20920 | 175 | 250 | NA21008 | 200 | 300 | | |
| NA20753 | 2.5 | 60 | 100 | NA20800 | 100 | 150 | NA20937 | 175 | 250 | | |
| NA20774 | | 80 | 150 | NA20840 | 5.1 | 150 | 200 | NA20817 | 100 | 150 | |
| NA20754 | 2.6 | 60 | 100 | NA20921 | | 175 | 250 | NA20857 | 150 | 200 | |
| NA20775 | | 80 | 150 | NA20801 | 5.2 | 100 | 150 | NA21009 | 200 | 300 | |
| NA20755 | 2.7 | 60 | 100 | NA20841 | | 150 | 200 | NA20938 | 175 | 250 | |
| NA20776 | | 80 | 150 | NA20922 | 175 | 250 | NA20818 | 100 | 150 | | |
| NA20756 | 2.8 | 60 | 100 | NA20802 | 5.3 | 100 | 150 | NA20858 | 150 | 200 | |
| NA20777 | | 80 | 150 | NA20842 | | 150 | 200 | NA21010 | 200 | 300 | |
| NA20757 | 2.9 | 60 | 100 | NA20923 | 175 | 250 | NA20939 | 175 | 250 | | |
| NA20778 | | 80 | 150 | NA20803 | 5.4 | 100 | 150 | NA20819 | 100 | 150 | |
| NA20758 | 3 | 60 | 100 | NA20843 | | 150 | 200 | NA20859 | 150 | 200 | |
| NA20779 | | 100 | 150 | NA20924 | 175 | 250 | NA21011 | 200 | 300 | | |
| NA20759 | 3.1 | 60 | 100 | NA20804 | 5.5 | 100 | 150 | NA20940 | 175 | 250 | |
| NA20780 | | 100 | 150 | NA20844 | | 150 | 200 | NA20820 | 100 | 150 | |
| NA20760 | 3.2 | 60 | 100 | NA20925 | 175 | 250 | NA20860 | 150 | 200 | | |
| NA20781 | | 100 | 150 | NA20805 | 5.6 | 100 | 150 | NA21012 | 200 | 300 | |
| NA20761 | 3.3 | 60 | 100 | NA20845 | | 150 | 200 | NA20941 | 175 | 250 | |
| NA20782 | | 100 | 150 | NA20926 | 175 | 250 | NA20821 | 100 | 150 | | |
| NA20762 | 3.4 | 60 | 100 | NA20806 | 5.7 | 100 | 150 | NA20861 | 150 | 200 | |
| NA20783 | | 100 | 150 | NA20846 | | 150 | 200 | NA21013 | 200 | 300 | |
| NA20763 | 3.5 | 60 | 100 | NA20927 | 175 | 250 | NA20942 | 175 | 250 | | |
| NA20784 | | 100 | 150 | NA20807 | 5.8 | 100 | 150 | NA20822 | 100 | 150 | |
| NA20764 | 3.6 | 60 | 100 | NA20847 | | 150 | 200 | NA20862 | 150 | 200 | |
| NA20785 | | 100 | 150 | NA20928 | 175 | 250 | NA21014 | 200 | 300 | | |
| NA20825 | 3.7 | 150 | 200 | NA20808 | 5.9 | 100 | 150 | NA20943 | 175 | 250 | |
| NA20765 | | 60 | 100 | NA20848 | | 150 | 200 | NA20823 | 100 | 150 | |
| NA20786 | 3.8 | 100 | 150 | NA20929 | 175 | 250 | NA20863 | 150 | 200 | | |
| NA20826 | | 150 | 200 | NA20809 | 6 | 100 | 150 | NA21015 | 200 | 300 | |
| NA20766 | 3.9 | 60 | 100 | NA20849 | | 150 | 200 | NA20944 | 175 | 250 | |
| NA20787 | | 100 | 150 | NA20930 | 175 | 250 | NA21016 | 200 | 300 | | |
| NA20827 | 4 | 150 | 200 | NA21001 | 200 | 300 | NA20824 | 100 | 150 | | |
| NA20767 | | 60 | 100 | NA20810 | 6.1 | 100 | 150 | NA20864 | 150 | 200 | |
| NA20788 | 4.1 | 100 | 150 | NA20850 | | 150 | 200 | NA20945 | 175 | 250 | |
| NA20828 | | 150 | 200 | NA21002 | 200 | 300 | NA21017 | 200 | 300 | | |
| NA20768 | 4.2 | 60 | 100 | NA20931 | 6.2 | 175 | 250 | NA20865 | 150 | 200 | |
| NA20789 | | 100 | 150 | NA20811 | | 100 | 150 | NA20946 | 175 | 250 | |
| NA20829 | 4.3 | 150 | 200 | NA20851 | 6.3 | 150 | 200 | NA21018 | 200 | 300 | |
| NA20790 | | 100 | 150 | NA21003 | | 200 | 300 | NA20866 | 150 | 200 | |
| NA20830 | 4.4 | 150 | 200 | NA20932 | 175 | 250 | NA20947 | 175 | 250 | | |
| NA20791 | | 100 | 150 | NA20812 | 6.4 | 100 | 150 | NA21019 | 200 | 300 | |
| NA20831 | 4.5 | 150 | 200 | NA20852 | | 150 | 200 | NA20867 | 150 | 200 | |
| NA20792 | | 100 | 150 | NA21004 | 6.5 | 200 | 300 | NA20948 | 175 | 250 | |
| NA20832 | 4.6 | 150 | 200 | NA20933 | | 175 | 250 | NA21020 | 200 | 300 | |
| NA20793 | | 100 | 150 | NA20813 | 6.6 | 100 | 150 | NA20868 | 150 | 200 | |
| NA20833 | 150 | 200 | NA20853 | 150 | | 200 | NA20949 | 175 | 250 | | |
| NA20794 | 4.7 | 100 | 150 | NA21005 | 6.7 | 200 | 300 | NA21021 | 200 | 300 | |
| NA20834 | | 150 | 200 | NA20934 | | 175 | 250 | NA20869 | 150 | 200 | |
| NA20795 | 4.8 | 100 | 150 | NA20814 | 6.8 | 100 | 150 | NA20950 | 175 | 250 | |



● Tool material : HSS-Co ● Tip angle : 118° ● Parabolic Flute Type

| TYコード code | 刃径 Dia. | 溝長 Flute length | 全長 Overall length | TYコード code | 刃径 Dia. | 溝長 Flute length | 全長 Overall length | TYコード code | 刃径 Dia. | 溝長 Flute length | 全長 Overall length |
|---------------|------------|--------------------|----------------------|---------------|-------------|--------------------|----------------------|---------------|-------------|--------------------|----------------------|
| NA21022 | | 200 | 300 | NA20889 | | 150 | 200 | NA21060 | 11.9 | 200 | 300 |
| NA20870 | 8.1 | 150 | 200 | NA20970 | 10 | 175 | 250 | NA20909 | | 150 | 200 |
| NA20951 | | 175 | 250 | NA20890 | | 150 | 200 | NA20990 | 12 | 175 | 250 |
| NA21023 | | 200 | 300 | NA20971 | 10.1 | 175 | 250 | NA21061 | | 200 | 300 |
| NA20871 | 8.2 | 150 | 200 | NA21042 | | 200 | 300 | NA20910 | | 150 | 200 |
| NA20952 | | 175 | 250 | NA20891 | | 150 | 200 | NA20991 | 12.1 | 175 | 250 |
| NA21024 | | 200 | 300 | NA20972 | 10.2 | 175 | 250 | NA21062 | | 200 | 300 |
| NA20872 | 8.3 | 150 | 200 | NA21043 | | 200 | 300 | NA20911 | | 150 | 200 |
| NA20953 | | 175 | 250 | NA20892 | | 150 | 200 | NA20992 | 12.2 | 175 | 250 |
| NA21025 | | 200 | 300 | NA20973 | 10.3 | 175 | 250 | NA21063 | | 200 | 300 |
| NA20873 | 8.4 | 150 | 200 | NA21044 | | 200 | 300 | NA20912 | | 150 | 200 |
| NA20954 | | 175 | 250 | NA20893 | | 150 | 200 | NA20993 | 12.3 | 175 | 250 |
| NA21026 | | 200 | 300 | NA20974 | 10.4 | 175 | 250 | NA21064 | | 200 | 300 |
| NA20874 | 8.5 | 150 | 200 | NA21045 | | 200 | 300 | NA20913 | | 150 | 200 |
| NA20955 | | 175 | 250 | NA20894 | | 150 | 200 | NA20994 | 12.4 | 175 | 250 |
| NA21027 | | 200 | 300 | NA20975 | 10.5 | 175 | 250 | NA21065 | | 200 | 300 |
| NA20875 | 8.6 | 150 | 200 | NA21046 | | 200 | 300 | NA20914 | | 150 | 200 |
| NA20956 | | 175 | 250 | NA20895 | | 150 | 200 | NA20995 | 12.5 | 175 | 250 |
| NA21028 | | 200 | 300 | NA20976 | 10.6 | 175 | 250 | NA21066 | | 200 | 300 |
| NA20876 | 8.7 | 150 | 200 | NA21047 | | 200 | 300 | NA20915 | | 150 | 200 |
| NA20957 | | 175 | 250 | NA20896 | | 150 | 200 | NA20996 | 12.6 | 175 | 250 |
| NA21029 | | 200 | 300 | NA20977 | 10.7 | 175 | 250 | NA21067 | | 200 | 300 |
| NA20877 | 8.8 | 150 | 200 | NA21048 | | 200 | 300 | NA20916 | | 150 | 200 |
| NA20958 | | 175 | 250 | NA20897 | | 150 | 200 | NA20997 | 12.7 | 175 | 250 |
| NA21030 | | 200 | 300 | NA20978 | 10.8 | 175 | 250 | NA21068 | | 200 | 300 |
| NA20878 | 8.9 | 150 | 200 | NA21049 | | 200 | 300 | NA20917 | | 150 | 200 |
| NA20959 | | 175 | 250 | NA20898 | | 150 | 200 | NA20998 | 12.8 | 175 | 250 |
| NA21031 | | 200 | 300 | NA20979 | 10.9 | 175 | 250 | NA21069 | | 200 | 300 |
| NA20879 | 9 | 150 | 200 | NA21050 | | 200 | 300 | NA20918 | | 150 | 200 |
| NA20960 | | 175 | 250 | NA20899 | | 150 | 200 | NA20999 | 12.9 | 175 | 250 |
| NA21032 | | 200 | 300 | NA20980 | 11 | 175 | 250 | NA21070 | | 200 | 300 |
| NA20880 | 9.1 | 150 | 200 | NA21051 | | 200 | 300 | NA20919 | | 150 | 200 |
| NA20961 | | 175 | 250 | NA20900 | | 150 | 200 | NA21000 | 13 | 175 | 250 |
| NA21033 | | 200 | 300 | NA20981 | 11.1 | 175 | 250 | NA21071 | | 200 | 300 |
| NA20881 | 9.2 | 150 | 200 | NA21052 | | 200 | 300 | | | | |
| NA20962 | | 175 | 250 | NA20901 | | 150 | 200 | | | | |
| NA21034 | | 200 | 300 | NA20982 | 11.2 | 175 | 250 | | | | |
| NA20882 | 9.3 | 150 | 200 | NA21053 | | 200 | 300 | | | | |
| NA20963 | | 175 | 250 | NA20902 | | 150 | 200 | | | | |
| NA21035 | | 200 | 300 | NA20983 | 11.3 | 175 | 250 | | | | |
| NA20883 | 9.4 | 150 | 200 | NA21054 | | 200 | 300 | | | | |
| NA20964 | | 175 | 250 | NA20903 | | 150 | 200 | | | | |
| NA21036 | | 200 | 300 | NA20984 | 11.4 | 175 | 250 | | | | |
| NA20884 | 9.5 | 150 | 200 | NA21055 | | 200 | 300 | | | | |
| NA20965 | | 175 | 250 | NA20904 | | 150 | 200 | | | | |
| NA21037 | | 200 | 300 | NA20985 | 11.5 | 175 | 250 | | | | |
| NA20885 | 9.6 | 150 | 200 | NA21056 | | 200 | 300 | | | | |
| NA20966 | | 175 | 250 | NA20905 | | 150 | 200 | | | | |
| NA21038 | | 200 | 300 | NA20986 | 11.6 | 175 | 250 | | | | |
| NA20886 | 9.7 | 150 | 200 | NA21057 | | 200 | 300 | | | | |
| NA20967 | | 175 | 250 | NA20906 | | 150 | 200 | | | | |
| NA21039 | | 200 | 300 | NA20987 | 11.7 | 175 | 250 | | | | |
| NA20887 | 9.8 | 150 | 200 | NA21058 | | 200 | 300 | | | | |
| NA20968 | | 175 | 250 | NA20907 | | 150 | 200 | | | | |
| NA21040 | | 200 | 300 | NA20988 | 11.8 | 175 | 250 | | | | |
| NA20888 | 9.9 | 150 | 200 | NA21059 | 11.8 | 200 | 300 | | | | |
| NA20969 | 9.9 | 175 | 250 | NA20908 | | 150 | 200 | | | | |
| NA21041 | 10 | 200 | 300 | NA20989 | 11.9 | 175 | 250 | | | | |