



We have the
resources
to do
amazing things



High Quality

Highly Economical

High Performance

About us

HARDCUT is a dynamic group with experienced people and technical engineers who were engaged in the cutting tool industry for many years. Our team has rich experience on cutting tool holders and strong ability to develop new products.

With a business principle of "Innovation, Enhance Strength, Characteristic Management" our motto is to "Consummate Technics, Excellent Quality, Satisfaction Service" to our customers.

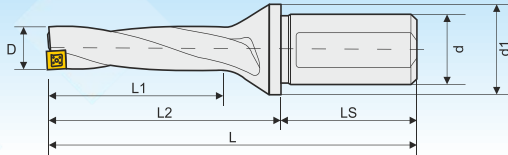
The goal of HARDCUT is to create the number one brand in Cutting Tool Holders. Over the years, we withstood the hardship, advanced bravely, we made brilliant achievements. HARDCUT to its full of pride and enthusiasm, will make continuous expansion and innovation.

In a simple way "**we have the resources to do amazing things**" by providing High Quality, High Performance and Highly Economical products to the customers.



HC Drills





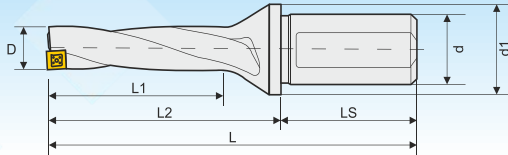
HC Drills - 2D

| PRODUCT CODE | DIMENSION (mm) | | | | | | SPARE PARTS | | |
|---------------|----------------|----|----|----|----|----|-------------|--------|-------|
| | D | d | d1 | LS | L2 | L1 | L | SCREW | TORX |
| HCD 2130-20T2 | 13.0 | 20 | 25 | 50 | 44 | 26 | 94 | TS 2.0 | TD 6 |
| HCD 2135-20T2 | 13.5 | 20 | 25 | 50 | 46 | 28 | 96 | TS 2.0 | TD 6 |
| HCD 2140-20T2 | 14.0 | 20 | 25 | 50 | 46 | 28 | 96 | TS 2.0 | TD 6 |
| HCD 2145-20T2 | 14.5 | 20 | 25 | 50 | 49 | 30 | 99 | TS 2.0 | TD 6 |
| HCD 2150-20T2 | 15.0 | 20 | 25 | 50 | 49 | 30 | 99 | TS 2.0 | TD 6 |
| HCD 2155-25T2 | 15.5 | 25 | 32 | 56 | 52 | 32 | 108 | TS 2.2 | TD 6 |
| HCD 2160-25T2 | 16.0 | 25 | 32 | 56 | 52 | 32 | 108 | TS 2.2 | TD 6 |
| HCD 2165-25T2 | 16.5 | 25 | 32 | 56 | 54 | 34 | 110 | TS 2.2 | TD 6 |
| HCD 2170-25T2 | 17.0 | 25 | 32 | 56 | 54 | 34 | 110 | TS 2.2 | TD 6 |
| HCD 2175-25T2 | 17.5 | 25 | 32 | 56 | 57 | 36 | 113 | TS 2.2 | TD 6 |
| HCD 2180-25T2 | 18.0 | 25 | 32 | 56 | 57 | 36 | 113 | TS 2.2 | TD 6 |
| HCD 2185-25T2 | 18.5 | 25 | 32 | 56 | 59 | 38 | 115 | TS 2.2 | TD 6 |
| HCD 2190-25T2 | 19.0 | 25 | 32 | 56 | 59 | 38 | 115 | TS 2.2 | TD 6 |
| HCD 2195-25T2 | 19.5 | 25 | 32 | 56 | 63 | 40 | 119 | TS 2.2 | TD 6 |
| HCD 2200-25T2 | 20.0 | 25 | 32 | 56 | 63 | 40 | 119 | TS 2.2 | TD 6 |
| HCD 2205-25T2 | 20.5 | 25 | 32 | 56 | 65 | 42 | 121 | TS 2.2 | TD 6 |
| HCD 2210-25T2 | 21.0 | 25 | 32 | 56 | 65 | 42 | 121 | TS 2.2 | TD 6 |
| HCD 2215-25T2 | 21.5 | 25 | 32 | 56 | 67 | 44 | 123 | TS 2.2 | TD 6 |
| HCD 2220-25T2 | 22.0 | 32 | 45 | 60 | 67 | 44 | 123 | TS 2.5 | TD 8 |
| HCD 2225-32T2 | 22.5 | 32 | 45 | 60 | 71 | 46 | 131 | TS 2.5 | TD 8 |
| HCD 2230-32T2 | 23.0 | 32 | 45 | 60 | 71 | 46 | 131 | TS 2.5 | TD 8 |
| HCD 2235-32T2 | 23.5 | 32 | 45 | 60 | 74 | 48 | 134 | TS 2.5 | TD 8 |
| HCD 2240-32T2 | 24.0 | 32 | 45 | 60 | 74 | 48 | 134 | TS 2.5 | TD 8 |
| HCD 2245-32T2 | 24.5 | 32 | 45 | 60 | 77 | 50 | 134 | TS 2.5 | TD 8 |
| HCD 2250-32T2 | 25.0 | 32 | 45 | 60 | 77 | 50 | 137 | TS 2.5 | TD 8 |
| HCD 2255-32T2 | 25.5 | 32 | 45 | 60 | 79 | 52 | 139 | TS 2.5 | TD 8 |
| HCD 2260-32T2 | 26.0 | 32 | 45 | 60 | 79 | 52 | 139 | TS 2.5 | TD 8 |
| HCD 2265-32T2 | 26.5 | 32 | 45 | 60 | 81 | 54 | 141 | TS 2.5 | TD 8 |
| HCD 2270-32T2 | 27.0 | 32 | 45 | 60 | 81 | 54 | 141 | TS 2.5 | TD 8 |
| HCD 2275-32T2 | 27.5 | 32 | 45 | 60 | 84 | 56 | 144 | TS 2.5 | TD 8 |
| HCD 2280-32T2 | 28.0 | 32 | 45 | 60 | 84 | 56 | 144 | TS 3.5 | TD 15 |



HC Drills - 2D

| PRODUCT CODE | DIMENSION (mm) | | | | | | SPARE PARTS | | |
|---------------|----------------|----|----|----|-----|----|-------------|--------|-------|
| | D | d | d1 | LS | L2 | L1 | L | SCREW | TORX |
| HCD 2285-32T2 | 28.5 | 32 | 45 | 60 | 86 | 58 | 146 | TS 3.5 | TD 15 |
| HCD 2290-32T2 | 29.0 | 32 | 45 | 60 | 86 | 58 | 146 | TS 3.5 | TD 15 |
| HCD 2295-32T2 | 29.5 | 32 | 45 | 60 | 91 | 60 | 151 | TS 3.5 | TD 15 |
| HCD 2300-32T2 | 30.0 | 32 | 45 | 60 | 91 | 60 | 151 | TS 3.5 | TD 15 |
| HCD 2305-32T2 | 30.5 | 32 | 45 | 60 | 94 | 62 | 154 | TS 3.5 | TD 15 |
| HCD 2310-32T2 | 31.0 | 32 | 45 | 60 | 94 | 62 | 154 | TS 3.5 | TD 15 |
| HCD 2315-32T2 | 31.5 | 32 | 45 | 60 | 96 | 64 | 156 | TS 3.5 | TD 15 |
| HCD 2320-32T2 | 32.0 | 32 | 45 | 60 | 96 | 64 | 156 | TS 3.5 | TD 15 |
| HCD 2325-32T2 | 32.5 | 32 | 45 | 60 | 99 | 66 | 159 | TS 3.5 | TD 15 |
| HCD 2330-32T2 | 33.0 | 32 | 45 | 60 | 99 | 66 | 159 | TS 3.5 | TD 15 |
| HCD 2335-32T2 | 33.5 | 32 | 45 | 60 | 99 | 66 | 159 | TS 4.0 | TD 15 |
| HCD 2340-32T2 | 34.0 | 32 | 45 | 60 | 101 | 68 | 161 | TS 4.0 | TD 15 |
| HCD 2345-32T2 | 34.5 | 32 | 45 | 60 | 101 | 68 | 161 | TS 4.0 | TD 15 |
| HCD 2350-32T2 | 35.0 | 32 | 45 | 60 | 104 | 70 | 164 | TS 4.0 | TD 15 |
| HCD 2355-32T2 | 35.5 | 40 | 55 | 60 | 107 | 72 | 167 | TS 4.0 | TD 15 |
| HCD 2360-40T2 | 36.0 | 40 | 55 | 70 | 107 | 72 | 177 | TS 4.0 | TD 15 |
| HCD 2365-40T2 | 36.5 | 40 | 55 | 70 | 107 | 72 | 177 | TS 4.0 | TD 15 |
| HCD 2370-40T2 | 37.0 | 40 | 55 | 70 | 110 | 74 | 180 | TS 4.0 | TD 15 |
| HCD 2375-40T2 | 37.5 | 40 | 55 | 70 | 110 | 74 | 180 | TS 4.0 | TD 15 |
| HCD 2380-40T2 | 38.0 | 40 | 55 | 70 | 113 | 76 | 183 | TS 4.0 | TD 15 |
| HCD 2385-40T2 | 38.5 | 40 | 55 | 70 | 113 | 76 | 183 | TS 4.0 | TD 15 |
| HCD 2390-40T2 | 39.0 | 40 | 55 | 70 | 115 | 78 | 185 | TS 4.0 | TD 15 |
| HCD 2395-40T2 | 39.5 | 40 | 55 | 70 | 115 | 78 | 185 | TS 4.0 | TD 15 |
| HCD 2400-40T2 | 40.0 | 40 | 55 | 70 | 118 | 80 | 188 | TS 4.0 | TD 15 |
| HCD 2405-40T2 | 40.5 | 40 | 55 | 70 | 118 | 80 | 188 | TS 4.0 | TD 15 |
| HCD 2410-40T2 | 41.0 | 40 | 55 | 70 | 121 | 82 | 191 | TS 4.0 | TD 15 |
| HCD 2415-40T2 | 41.5 | 40 | 55 | 70 | 121 | 82 | 191 | TS 4.0 | TD 15 |
| HCD 2420-40T2 | 42.0 | 40 | 55 | 70 | 123 | 84 | 193 | TS 5.0 | TD 20 |
| HCD 2425-40T2 | 42.5 | 40 | 55 | 70 | 123 | 84 | 193 | TS 5.0 | TD 20 |
| HCD 2430-40T2 | 43.0 | 40 | 55 | 70 | 126 | 86 | 196 | TS 5.0 | TD 20 |
| HCD 2435-40T2 | 43.5 | 40 | 55 | 70 | 126 | 86 | 196 | TS 5.0 | TD 20 |



HC Drills - 2D

| PRODUCT CODE | DIMENSION (mm) | | | | | | SPARE PARTS | | |
|---------------|----------------|----|----|----|-----|-----|-------------|--------|-------|
| | D | d | d1 | LS | L2 | L1 | L | SCREW | TORX |
| HCD 2440-40T2 | 44.0 | 40 | 55 | 70 | 128 | 88 | 198 | TS 5.0 | TD 20 |
| HCD 2445-40T2 | 44.5 | 40 | 55 | 70 | 128 | 88 | 198 | TS 5.0 | TD 20 |
| HCD 2450-40T2 | 45.0 | 40 | 55 | 70 | 132 | 90 | 202 | TS 5.0 | TD 20 |
| HCD 2455-40T2 | 45.5 | 40 | 55 | 70 | 132 | 90 | 202 | TS 5.0 | TD 20 |
| HCD 2460-40T2 | 46.0 | 40 | 55 | 70 | 135 | 92 | 205 | TS 5.0 | TD 20 |
| HCD 2465-40T2 | 46.5 | 40 | 55 | 70 | 135 | 92 | 205 | TS 5.0 | TD 20 |
| HCD 2470-40T2 | 47.0 | 40 | 55 | 70 | 137 | 94 | 207 | TS 5.0 | TD 20 |
| HCD 2475-40T2 | 47.5 | 40 | 55 | 70 | 137 | 94 | 207 | TS 5.0 | TD 20 |
| HCD 2480-40T2 | 48.0 | 40 | 55 | 70 | 140 | 96 | 210 | TS 5.0 | TD 20 |
| HCD 2485-40T2 | 48.5 | 40 | 55 | 70 | 140 | 96 | 210 | TS 5.0 | TD 20 |
| HCD 2490-40T2 | 49.0 | 40 | 55 | 70 | 142 | 98 | 212 | TS 5.0 | TD 20 |
| HCD 2495-40T2 | 49.5 | 40 | 55 | 70 | 142 | 98 | 212 | TS 5.0 | TD 20 |
| HCD 2500-40T2 | 50.0 | 40 | 55 | 70 | 145 | 100 | 215 | TS 5.0 | TD 20 |

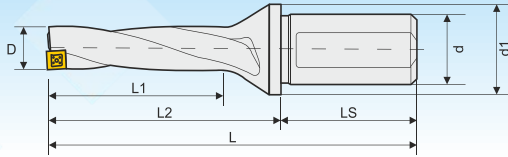
HC Drills - 3D

| PRODUCT CODE | DIMENSION (mm) | | | | | | SPARE PARTS | | |
|---------------|----------------|----|----|----|----|----|-------------|--------|------|
| | D | d | d1 | LS | L2 | L1 | L | SCREW | TORX |
| HCD 3130-20T2 | 13.0 | 20 | 25 | 50 | 57 | 39 | 107 | TS 2.0 | TD 6 |
| HCD 3135-20T2 | 13.5 | 20 | 25 | 50 | 60 | 42 | 110 | TS 2.0 | TD 6 |
| HCD 3140-20T2 | 14.0 | 20 | 25 | 50 | 60 | 42 | 110 | TS 2.0 | TD 6 |
| HCD 3145-20T2 | 14.5 | 20 | 25 | 50 | 64 | 45 | 114 | TS 2.0 | TD 6 |
| HCD 3150-20T2 | 15.0 | 20 | 25 | 50 | 64 | 45 | 114 | TS 2.0 | TD 6 |
| HCD 3155-25T2 | 15.5 | 25 | 32 | 56 | 68 | 48 | 124 | TS 2.2 | TD 6 |
| HCD 3160-25T2 | 16.0 | 25 | 32 | 56 | 68 | 48 | 124 | TS 2.2 | TD 6 |
| HCD 3165-25T2 | 16.5 | 25 | 32 | 56 | 71 | 51 | 127 | TS 2.2 | TD 6 |
| HCD 3170-25T2 | 17.0 | 25 | 32 | 56 | 71 | 51 | 127 | TS 2.2 | TD 6 |
| HCD 3175-25T2 | 17.5 | 25 | 32 | 56 | 75 | 54 | 131 | TS 2.2 | TD 6 |
| HCD 3180-25T2 | 18.0 | 25 | 32 | 56 | 75 | 54 | 131 | TS 2.2 | TD 6 |
| HCD 3185-25T2 | 18.5 | 25 | 32 | 56 | 78 | 57 | 134 | TS 2.2 | TD 6 |
| HCD 3190-25T2 | 19.0 | 25 | 32 | 56 | 78 | 57 | 134 | TS 2.2 | TD 6 |
| HCD 3195-25T2 | 19.5 | 25 | 32 | 56 | 83 | 60 | 139 | TS 2.2 | TD 6 |



HC Drills - 3D

| PRODUCT CODE | DIMENSION (mm) | | | | | | SPARE PARTS | | |
|----------------|----------------|----|----|----|-----|-----|-------------|--------|-------|
| | D | d | d1 | LS | L2 | L1 | L | SCREW | TORX |
| HCD 3200-25T2* | 20.0 | 25 | 32 | 56 | 83 | 60 | 139 | TS 2.2 | TD 6 |
| HCD 3205-25T2 | 20.5 | 25 | 32 | 56 | 86 | 63 | 142 | TS 2.2 | TD 6 |
| HCD 3209-25T2* | 20.9 | 25 | 32 | 56 | 86 | 63 | 142 | TS 2.2 | TD 6 |
| HCD 3210-25T2 | 21.0 | 25 | 32 | 56 | 86 | 63 | 142 | TS 2.2 | TD 6 |
| HCD 3215-25T2 | 21.5 | 25 | 32 | 56 | 89 | 66 | 145 | TS 2.2 | TD 6 |
| HCD 3220-32T2 | 22.0 | 32 | 45 | 60 | 94 | 69 | 154 | TS 2.5 | TD 8 |
| HCD 3225-32T2 | 22.5 | 32 | 45 | 60 | 94 | 69 | 154 | TS 2.5 | TD 8 |
| HCD 3230-32T2 | 23.0 | 32 | 45 | 60 | 94 | 69 | 154 | TS 2.5 | TD 8 |
| HCD 3235-32T2 | 23.5 | 32 | 45 | 60 | 98 | 72 | 158 | TS 2.5 | TD 8 |
| HCD 3240-32T2 | 24.0 | 32 | 45 | 60 | 98 | 72 | 158 | TS 2.5 | TD 8 |
| HCD 3245-32T2 | 24.5 | 32 | 45 | 60 | 102 | 75 | 162 | TS 2.5 | TD 8 |
| HCD 3250-32T2 | 25.0 | 32 | 45 | 60 | 102 | 75 | 162 | TS 2.5 | TD 8 |
| HCD 3255-32T2 | 25.5 | 32 | 45 | 60 | 105 | 78 | 165 | TS 2.5 | TD 8 |
| HCD 3260-32T2 | 26.0 | 32 | 45 | 60 | 105 | 78 | 165 | TS 2.5 | TD 8 |
| HCD 3265-32T2 | 26.5 | 32 | 45 | 60 | 108 | 81 | 168 | TS 2.5 | TD 8 |
| HCD 3270-32T2 | 27.0 | 32 | 45 | 60 | 108 | 81 | 168 | TS 2.5 | TD 8 |
| HCD 3275-32T2 | 27.5 | 32 | 45 | 60 | 112 | 84 | 172 | TS 2.5 | TD 8 |
| HCD 3280-32T2 | 28.0 | 32 | 45 | 60 | 112 | 84 | 172 | TS 3.5 | TD 15 |
| HCD 3285-32T2 | 28.5 | 32 | 45 | 56 | 115 | 87 | 171 | TS 3.5 | TD 15 |
| HCD 3290-32T2 | 29.0 | 32 | 45 | 60 | 115 | 87 | 175 | TS 3.5 | TD 15 |
| HCD 3295-32T2 | 29.5 | 32 | 45 | 60 | 121 | 90 | 181 | TS 3.5 | TD 15 |
| HCD 3300-32T2 | 30.0 | 32 | 45 | 60 | 121 | 90 | 181 | TS 3.5 | TD 15 |
| HCD 3305-32T2 | 30.5 | 32 | 45 | 60 | 125 | 93 | 185 | TS 3.5 | TD 15 |
| HCD 3310-32T2 | 31.0 | 32 | 45 | 60 | 125 | 93 | 185 | TS 3.5 | TD 15 |
| HCD 3315-32T2 | 31.5 | 32 | 45 | 60 | 128 | 96 | 188 | TS 3.5 | TD 15 |
| HCD 3320-32T2 | 32.0 | 32 | 45 | 60 | 128 | 96 | 188 | TS 3.5 | TD 15 |
| HCD 3325-32T2 | 32.5 | 32 | 45 | 60 | 132 | 99 | 192 | TS 3.5 | TD 15 |
| HCD 3330-32T2 | 33.0 | 32 | 45 | 60 | 132 | 99 | 192 | TS 3.5 | TD 15 |
| HCD 3335-32T2 | 33.5 | 32 | 45 | 60 | 132 | 99 | 192 | TS 4.0 | TD 15 |
| HCD 3340-32T2 | 34.0 | 32 | 45 | 60 | 135 | 102 | 195 | TS 4.0 | TD 15 |
| HCD 3345-32T2 | 34.5 | 32 | 45 | 60 | 135 | 102 | 195 | TS 4.0 | TD 15 |



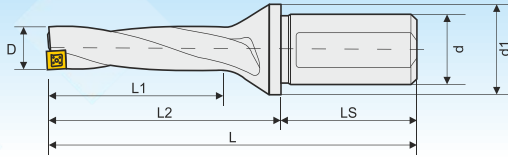
HC Drills - 3D

| PRODUCT CODE | DIMENSION (mm) | | | | | | SPARE PARTS | | |
|---------------|----------------|----|----|----|-----|-----|-------------|--------|-------|
| | D | d | d1 | LS | L2 | L1 | L | SCREW | TORX |
| HCD 3350-32T2 | 35.0 | 32 | 45 | 60 | 139 | 105 | 199 | TS 4.0 | TD 15 |
| HCD 3360-40T2 | 36.0 | 40 | 55 | 70 | 143 | 108 | 213 | TS 4.0 | TD 15 |
| HCD 3365-40T2 | 36.5 | 40 | 55 | 70 | 143 | 108 | 213 | TS 4.0 | TD 15 |
| HCD 3370-40T2 | 37.0 | 40 | 55 | 70 | 147 | 111 | 217 | TS 4.0 | TD 15 |
| HCD 3375-40T2 | 37.5 | 40 | 55 | 70 | 151 | 114 | 221 | TS 4.0 | TD 15 |
| HCD 3380-40T2 | 38.0 | 40 | 55 | 70 | 151 | 114 | 221 | TS 4.0 | TD 15 |
| HCD 3385-40T2 | 38.5 | 40 | 55 | 70 | 151 | 114 | 221 | TS 4.0 | TD 15 |
| HCD 3390-40T2 | 39.0 | 40 | 55 | 70 | 154 | 117 | 224 | TS 4.0 | TD 15 |
| HCD 3395-40T2 | 39.5 | 40 | 55 | 70 | 154 | 117 | 224 | TS 4.0 | TD 15 |
| HCD 3400-40T2 | 40.0 | 40 | 55 | 70 | 158 | 120 | 228 | TS 4.0 | TD 15 |
| HCD 3405-40T2 | 40.5 | 40 | 55 | 70 | 162 | 123 | 232 | TS 4.0 | TD 15 |
| HCD 3410-40T2 | 41.0 | 40 | 55 | 70 | 162 | 123 | 232 | TS 4.0 | TD 15 |
| HCD 3415-40T2 | 41.5 | 40 | 55 | 70 | 162 | 123 | 232 | TS 5.0 | TD 20 |
| HCD 3420-40T2 | 42.0 | 40 | 55 | 70 | 165 | 126 | 235 | TS 5.0 | TD 20 |
| HCD 3425-40T2 | 42.5 | 40 | 55 | 70 | 165 | 126 | 235 | TS 5.0 | TD 20 |
| HCD 3430-40T2 | 43.0 | 40 | 55 | 70 | 169 | 129 | 239 | TS 5.0 | TD 20 |
| HCD 3435-40T2 | 43.5 | 40 | 55 | 70 | 169 | 129 | 239 | TS 5.0 | TD 20 |
| HCD 3440-40T2 | 44.0 | 40 | 55 | 70 | 172 | 132 | 242 | TS 5.0 | TD 20 |
| HCD 3445-40T2 | 44.5 | 40 | 55 | 70 | 172 | 132 | 242 | TS 5.0 | TD 20 |
| HCD 3450-40T2 | 45.0 | 40 | 55 | 70 | 177 | 135 | 247 | TS 5.0 | TD 20 |
| HCD 3455-40T2 | 45.5 | 40 | 55 | 70 | 177 | 135 | 247 | TS 5.0 | TD 20 |
| HCD 3460-40T2 | 46.0 | 40 | 55 | 70 | 181 | 138 | 251 | TS 5.0 | TD 20 |
| HCD 3465-40T2 | 46.5 | 40 | 55 | 70 | 181 | 138 | 251 | TS 5.0 | TD 20 |
| HCD 3470-40T2 | 47.0 | 40 | 55 | 70 | 184 | 141 | 254 | TS 5.0 | TD 20 |
| HCD 3475-40T2 | 47.5 | 40 | 55 | 70 | 184 | 141 | 254 | TS 5.0 | TD 20 |
| HCD 3480-40T2 | 48.0 | 40 | 55 | 70 | 188 | 144 | 258 | TS 5.0 | TD 20 |
| HCD 3485-40T2 | 48.5 | 40 | 55 | 70 | 188 | 144 | 258 | TS 5.0 | TD 20 |
| HCD 3490-40T2 | 49.0 | 40 | 55 | 70 | 191 | 147 | 261 | TS 5.0 | TD 20 |
| HCD 3495-40T2 | 49.5 | 40 | 55 | 70 | 191 | 147 | 261 | TS 5.0 | TD 20 |
| HCD 3500-40T2 | 50.0 | 40 | 55 | 70 | 195 | 150 | 265 | TS 5.0 | TD 20 |



HC Drills - 4D

| PRODUCT CODE | DIMENSION (mm) | | | | | | SPARE PARTS | | |
|---------------|----------------|----|----|----|-----|-----|-------------|--------|-------|
| | D | d | d1 | LS | L2 | L1 | L | SCREW | TORX |
| HCD 4130-20T2 | 13.0 | 20 | 25 | 50 | 70 | 52 | 120 | TS 2.0 | TD 6 |
| HCD 4135-20T2 | 13.5 | 20 | 25 | 50 | 74 | 56 | 124 | TS 2.0 | TD 6 |
| HCD 4140-20T2 | 14.0 | 20 | 25 | 50 | 74 | 56 | 124 | TS 2.0 | TD 6 |
| HCD 4145-20T2 | 14.5 | 20 | 25 | 50 | 79 | 60 | 129 | TS 2.0 | TD 6 |
| HCD 4150-20T2 | 15.0 | 20 | 25 | 50 | 79 | 60 | 129 | TS 2.0 | TD 6 |
| HCD 4155-25T2 | 15.5 | 25 | 32 | 56 | 84 | 64 | 140 | TS 2.2 | TD 6 |
| HCD 4160-25T2 | 16.0 | 25 | 32 | 56 | 84 | 64 | 140 | TS 2.2 | TD 6 |
| HCD 4165-25T2 | 16.5 | 25 | 32 | 56 | 88 | 68 | 144 | TS 2.2 | TD 6 |
| HCD 4170-25T2 | 17.0 | 25 | 32 | 56 | 88 | 68 | 144 | TS 2.2 | TD 6 |
| HCD 4175-25T2 | 17.5 | 25 | 32 | 56 | 93 | 72 | 149 | TS 2.2 | TD 6 |
| HCD 4180-25T2 | 18.0 | 25 | 32 | 56 | 93 | 72 | 149 | TS 2.2 | TD 6 |
| HCD 4185-25T2 | 18.5 | 25 | 32 | 56 | 97 | 76 | 153 | TS 2.2 | TD 6 |
| HCD 4190-25T2 | 19.0 | 25 | 32 | 56 | 97 | 76 | 153 | TS 2.2 | TD 6 |
| HCD 4195-25T2 | 19.5 | 25 | 32 | 56 | 103 | 80 | 159 | TS 2.2 | TD 6 |
| HCD 4200-25T2 | 20.0 | 25 | 32 | 56 | 103 | 80 | 159 | TS 2.2 | TD 6 |
| HCD 4205-25T2 | 20.5 | 25 | 32 | 56 | 107 | 84 | 163 | TS 2.2 | TD 6 |
| HCD 4210-25T2 | 21.0 | 25 | 32 | 56 | 107 | 84 | 163 | TS 2.2 | TD 6 |
| HCD 4215-25T2 | 21.5 | 25 | 32 | 56 | 111 | 88 | 167 | TS 2.2 | TD 6 |
| HCD 4220-32T2 | 22.0 | 32 | 45 | 60 | 117 | 92 | 177 | TS 2.5 | TD 8 |
| HCD 4225-32T2 | 22.5 | 32 | 45 | 60 | 117 | 92 | 177 | TS 2.5 | TD 8 |
| HCD 4230-32T2 | 23.0 | 32 | 45 | 60 | 117 | 92 | 177 | TS 2.5 | TD 8 |
| HCD 4235-32T2 | 23.5 | 32 | 45 | 60 | 122 | 96 | 182 | TS 2.5 | TD 8 |
| HCD 4240-32T2 | 24.0 | 32 | 45 | 60 | 122 | 96 | 182 | TS 2.5 | TD 8 |
| HCD 4245-32T2 | 24.5 | 32 | 45 | 60 | 127 | 100 | 187 | TS 2.5 | TD 8 |
| HCD 4250-32T2 | 25.0 | 32 | 45 | 60 | 127 | 100 | 187 | TS 2.5 | TD 8 |
| HCD 4255-32T2 | 25.5 | 32 | 45 | 60 | 131 | 104 | 191 | TS 2.5 | TD 8 |
| HCD 4260-32T2 | 26.0 | 32 | 45 | 60 | 131 | 104 | 191 | TS 2.5 | TD 8 |
| HCD 4265-32T2 | 26.5 | 32 | 45 | 60 | 135 | 108 | 195 | TS 2.5 | TD 8 |
| HCD 4270-32T2 | 27.0 | 32 | 45 | 60 | 135 | 108 | 195 | TS 2.5 | TD 8 |
| HCD 4275-32T2 | 27.5 | 32 | 45 | 60 | 140 | 112 | 200 | TS 2.5 | TD 8 |
| HCD 4280-32T2 | 28.0 | 32 | 45 | 60 | 140 | 112 | 200 | TS 3.5 | TD 15 |



HC Drills - 4D

| PRODUCT CODE | DIMENSION (mm) | | | | | | SPARE PARTS | | |
|---------------|----------------|----|----|----|-----|-----|-------------|--------|-------|
| | D | d | d1 | LS | L2 | L1 | L | SCREW | TORX |
| HCD 4285-32T2 | 28.5 | 32 | 45 | 60 | 144 | 116 | 204 | TS 3.5 | TD 15 |
| HCD 4290-32T2 | 29.0 | 32 | 45 | 60 | 144 | 116 | 204 | TS 3.5 | TD 15 |
| HCD 4295-32T2 | 29.5 | 32 | 45 | 60 | 151 | 120 | 211 | TS 3.5 | TD 15 |
| HCD 4300-32T2 | 30.0 | 32 | 45 | 60 | 151 | 120 | 211 | TS 3.5 | TD 15 |
| HCD 4305-32T2 | 30.5 | 32 | 45 | 60 | 156 | 124 | 216 | TS 3.5 | TD 15 |
| HCD 4310-32T2 | 31.0 | 32 | 45 | 60 | 156 | 124 | 216 | TS 3.5 | TD 15 |
| HCD 4315-32T2 | 31.5 | 32 | 45 | 60 | 160 | 128 | 220 | TS 3.5 | TD 15 |
| HCD 4320-32T2 | 32.0 | 32 | 45 | 60 | 160 | 128 | 220 | TS 3.5 | TD 15 |
| HCD 4325-32T2 | 32.5 | 32 | 45 | 60 | 165 | 132 | 225 | TS 3.5 | TD 15 |
| HCD 4330-32T2 | 33.0 | 32 | 45 | 60 | 165 | 132 | 225 | TS 3.5 | TD 15 |
| HCD 4335-32T2 | 33.5 | 32 | 45 | 60 | 165 | 132 | 225 | TS 4.0 | TD 15 |
| HCD 4340-32T2 | 34.0 | 32 | 45 | 60 | 169 | 136 | 229 | TS 4.0 | TD 15 |
| HCD 4345-32T2 | 34.5 | 32 | 45 | 60 | 169 | 136 | 229 | TS 4.0 | TD 15 |
| HCD 4350-32T2 | 35.0 | 32 | 45 | 60 | 174 | 140 | 234 | TS 4.0 | TD 15 |
| HCD 4355-32T2 | 35.5 | 40 | 55 | 60 | 174 | 140 | 234 | TS 4.0 | TD 15 |
| HCD 4360-40T2 | 36.0 | 40 | 55 | 70 | 179 | 144 | 249 | TS 4.0 | TD 15 |
| HCD 4365-40T2 | 36.5 | 40 | 55 | 70 | 179 | 144 | 249 | TS 4.0 | TD 15 |
| HCD 4370-40T2 | 37.0 | 40 | 55 | 70 | 184 | 148 | 254 | TS 4.0 | TD 15 |
| HCD 4375-40T2 | 37.5 | 40 | 55 | 70 | 184 | 148 | 254 | TS 4.0 | TD 15 |
| HCD 4380-40T2 | 38.0 | 40 | 55 | 70 | 189 | 152 | 259 | TS 4.0 | TD 15 |
| HCD 4385-40T2 | 38.5 | 40 | 55 | 70 | 189 | 152 | 259 | TS 4.0 | TD 15 |
| HCD 4390-40T2 | 39.0 | 40 | 55 | 70 | 193 | 156 | 263 | TS 4.0 | TD 15 |
| HCD 4395-40T2 | 39.5 | 40 | 55 | 70 | 193 | 156 | 263 | TS 4.0 | TD 15 |
| HCD 4400-40T2 | 40.0 | 40 | 55 | 70 | 198 | 160 | 268 | TS 4.0 | TD 15 |
| HCD 4405-40T2 | 40.5 | 40 | 55 | 70 | 198 | 160 | 268 | TS 4.0 | TD 15 |
| HCD 4410-40T2 | 41.0 | 40 | 55 | 70 | 203 | 164 | 273 | TS 4.0 | TD 15 |
| HCD 4415-40T2 | 41.5 | 40 | 55 | 70 | 203 | 164 | 273 | TS 5.0 | TD 20 |
| HCD 4420-40T2 | 42.0 | 40 | 55 | 70 | 207 | 168 | 277 | TS 5.0 | TD 20 |
| HCD 4425-40T2 | 42.5 | 40 | 55 | 70 | 207 | 168 | 277 | TS 5.0 | TD 20 |
| HCD 4430-40T2 | 43.0 | 40 | 55 | 70 | 212 | 172 | 282 | TS 5.0 | TD 20 |
| HCD 4435-40T2 | 43.5 | 40 | 55 | 70 | 212 | 172 | 282 | TS 5.0 | TD 20 |

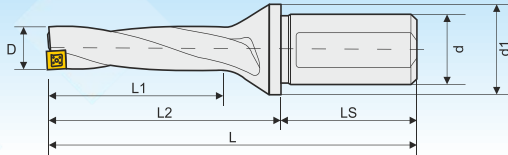


HC Drills - 4D

| PRODUCT CODE | DIMENSION (mm) | | | | | | SPARE PARTS | | |
|---------------|----------------|----|----|----|-----|-----|-------------|--------|-------|
| | D | d | d1 | LS | L2 | L1 | L | SCREW | TORX |
| HCD 4440-40T2 | 44.0 | 40 | 55 | 70 | 216 | 176 | 286 | TS 5.0 | TD 20 |
| HCD 4445-40T2 | 44.5 | 40 | 55 | 70 | 216 | 176 | 286 | TS 5.0 | TD 20 |
| HCD 4450-40T2 | 45.0 | 40 | 55 | 70 | 222 | 180 | 292 | TS 5.0 | TD 20 |
| HCD 4455-40T2 | 45.5 | 40 | 55 | 70 | 222 | 180 | 292 | TS 5.0 | TD 20 |
| HCD 4460-40T2 | 46.0 | 40 | 55 | 70 | 227 | 184 | 297 | TS 5.0 | TD 20 |
| HCD 4465-40T2 | 46.5 | 40 | 55 | 70 | 227 | 184 | 297 | TS 5.0 | TD 20 |
| HCD 4470-40T2 | 47.0 | 40 | 55 | 70 | 231 | 188 | 301 | TS 5.0 | TD 20 |
| HCD 4475-40T2 | 47.5 | 40 | 55 | 70 | 231 | 188 | 301 | TS 5.0 | TD 20 |
| HCD 4480-40T2 | 48.0 | 40 | 55 | 70 | 236 | 192 | 306 | TS 5.0 | TD 20 |
| HCD 4485-40T2 | 48.5 | 40 | 55 | 70 | 236 | 192 | 306 | TS 5.0 | TD 20 |
| HCD 4490-40T2 | 49.0 | 40 | 55 | 70 | 240 | 196 | 310 | TS 5.0 | TD 20 |
| HCD 4495-40T2 | 49.5 | 40 | 55 | 70 | 240 | 196 | 310 | TS 5.0 | TD 20 |
| HCD 4500-40T2 | 50.0 | 40 | 55 | 70 | 245 | 200 | 315 | TS 5.0 | TD 20 |

HC Drills - 5D

| PRODUCT CODE | DIMENSION (mm) | | | | | | SPARE PARTS | | |
|---------------|----------------|----|----|----|-----|-----|-------------|--------|------|
| | D | d | d1 | LS | L2 | L1 | L | SCREW | TORX |
| HCD 5140-20T2 | 14.0 | 20 | 25 | 50 | 88 | 70 | 138 | TS 2.0 | TD 6 |
| HCD 5145-20T2 | 14.5 | 20 | 25 | 50 | 94 | 75 | 144 | TS 2.0 | TD 6 |
| HCD 5150-20T2 | 15.0 | 20 | 25 | 50 | 94 | 75 | 144 | TS 2.0 | TD 6 |
| HCD 5155-25T2 | 15.5 | 25 | 32 | 56 | 100 | 80 | 156 | TS 2.2 | TD 6 |
| HCD 5160-25T2 | 16.0 | 25 | 32 | 56 | 100 | 80 | 156 | TS 2.2 | TD 6 |
| HCD 5165-25T2 | 16.5 | 25 | 32 | 56 | 105 | 85 | 161 | TS 2.2 | TD 6 |
| HCD 5170-25T2 | 17.0 | 25 | 32 | 56 | 105 | 85 | 161 | TS 2.2 | TD 6 |
| HCD 5175-25T2 | 17.5 | 25 | 32 | 56 | 111 | 90 | 167 | TS 2.2 | TD 6 |
| HCD 5180-25T2 | 18.0 | 25 | 32 | 56 | 111 | 90 | 167 | TS 2.2 | TD 6 |
| HCD 5185-25T2 | 18.5 | 25 | 32 | 56 | 116 | 95 | 172 | TS 2.2 | TD 6 |
| HCD 5190-25T2 | 19.0 | 25 | 32 | 56 | 116 | 95 | 172 | TS 2.2 | TD 6 |
| HCD 5195-25T2 | 19.5 | 25 | 32 | 56 | 123 | 100 | 179 | TS 2.2 | TD 6 |
| HCD 5200-25T2 | 20.0 | 25 | 32 | 56 | 123 | 100 | 179 | TS 2.2 | TD 6 |
| HCD 5205-25T2 | 20.5 | 25 | 32 | 56 | 128 | 105 | 184 | TS 2.2 | TD 6 |



HC Drills - 5D

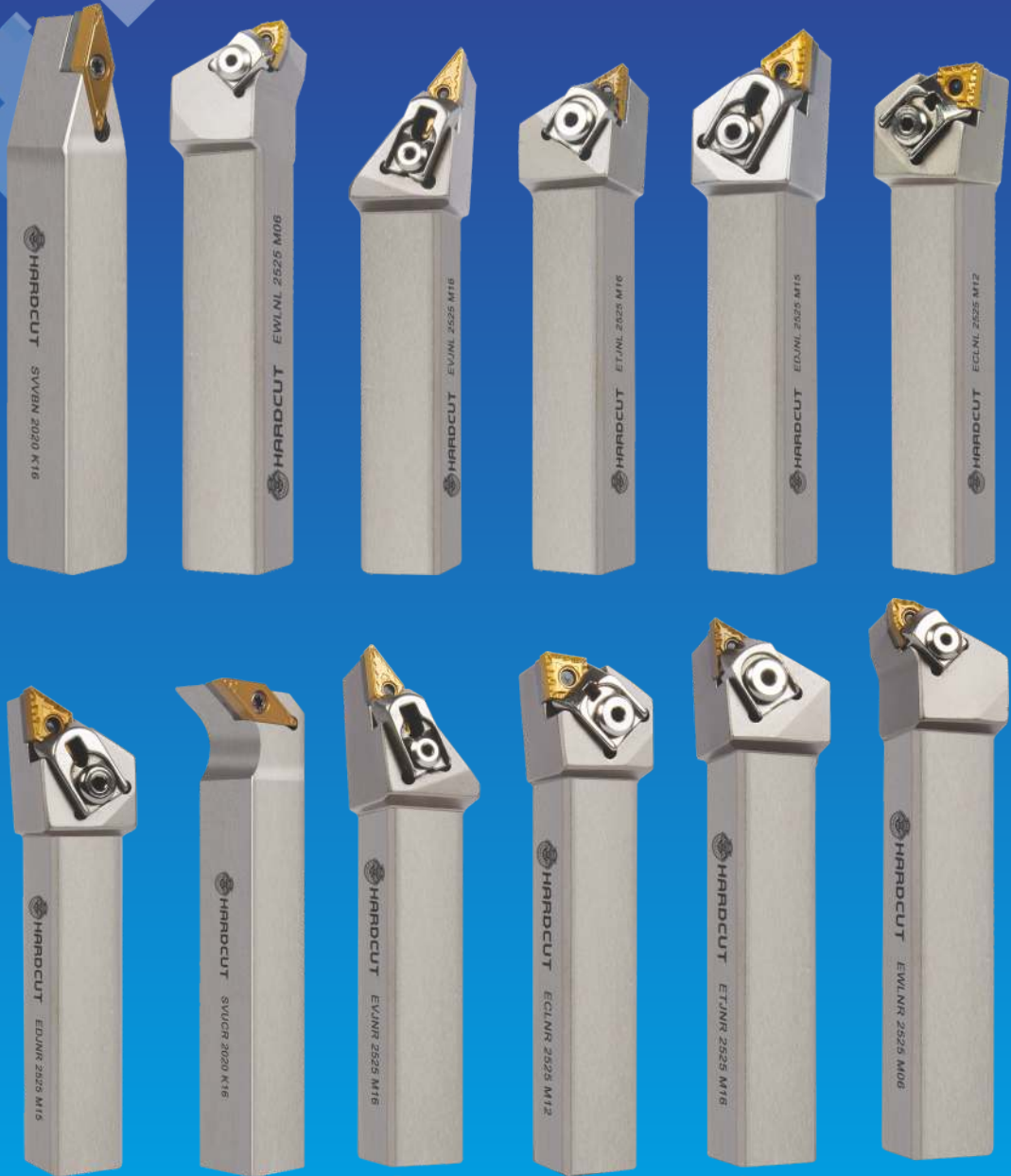
| PRODUCT CODE | DIMENSION (mm) | | | | | | SPARE PARTS | | |
|---------------|----------------|----|----|----|-----|-----|-------------|--------|-------|
| | D | d | d1 | LS | L2 | L1 | L | SCREW | TORX |
| HCD 5210-25T2 | 21.0 | 25 | 32 | 56 | 128 | 105 | 184 | TS 2.2 | TD 6 |
| HCD 5215-25T2 | 21.5 | 25 | 32 | 56 | 133 | 110 | 189 | TS 2.2 | TD 6 |
| HCD 5220-32T2 | 22.0 | 32 | 32 | 56 | 133 | 110 | 189 | TS 2.5 | TD 8 |
| HCD 5225-32T2 | 22.5 | 32 | 45 | 60 | 140 | 115 | 200 | TS 2.5 | TD 8 |
| HCD 5230-32T2 | 23.0 | 32 | 45 | 60 | 140 | 115 | 200 | TS 2.5 | TD 8 |
| HCD 5235-32T2 | 23.5 | 32 | 45 | 60 | 146 | 120 | 206 | TS 2.5 | TD 8 |
| HCD 5240-32T2 | 24.0 | 32 | 45 | 60 | 146 | 120 | 206 | TS 2.5 | TD 8 |
| HCD 5245-32T2 | 24.5 | 32 | 45 | 60 | 152 | 125 | 212 | TS 2.5 | TD 8 |
| HCD 5250-32T2 | 25.0 | 32 | 45 | 60 | 152 | 125 | 212 | TS 2.5 | TD 8 |
| HCD 5255-32T2 | 25.5 | 32 | 45 | 60 | 157 | 130 | 217 | TS 2.5 | TD 8 |
| HCD 5260-32T2 | 26.0 | 32 | 45 | 60 | 157 | 130 | 217 | TS 2.5 | TD 8 |
| HCD 5265-32T2 | 26.5 | 32 | 45 | 60 | 162 | 135 | 222 | TS 2.5 | TD 8 |
| HCD 5270-32T2 | 27.0 | 32 | 45 | 60 | 162 | 135 | 222 | TS 2.5 | TD 8 |
| HCD 5275-32T2 | 27.5 | 32 | 45 | 60 | 168 | 140 | 228 | TS 2.5 | TD 8 |
| HCD 5280-32T2 | 28.0 | 32 | 45 | 60 | 168 | 140 | 228 | TS 3.5 | TD 15 |
| HCD 5285-32T2 | 28.5 | 32 | 45 | 60 | 173 | 145 | 233 | TS 3.5 | TD 15 |
| HCD 5290-32T2 | 29.0 | 32 | 45 | 60 | 173 | 145 | 233 | TS 3.5 | TD 15 |
| HCD 5295-32T2 | 29.5 | 32 | 45 | 60 | 181 | 150 | 241 | TS 3.5 | TD 15 |
| HCD 5300-32T2 | 30.0 | 32 | 45 | 60 | 181 | 150 | 241 | TS 3.5 | TD 15 |
| HCD 5305-32T2 | 30.5 | 32 | 55 | 70 | 187 | 155 | 247 | TS 3.5 | TD 15 |
| HCD 5310-32T2 | 31.0 | 32 | 55 | 70 | 187 | 155 | 247 | TS 3.5 | TD 15 |
| HCD 5315-32T2 | 31.5 | 32 | 55 | 70 | 192 | 160 | 252 | TS 3.5 | TD 15 |
| HCD 5320-32T2 | 32.0 | 32 | 55 | 70 | 192 | 160 | 252 | TS 3.5 | TD 15 |
| HCD 5325-32T2 | 32.5 | 32 | 55 | 70 | 198 | 165 | 268 | TS 3.5 | TD 15 |
| HCD 5330-32T2 | 33.0 | 32 | 55 | 70 | 198 | 165 | 268 | TS 3.5 | TD 15 |
| HCD 5335-32T2 | 33.5 | 32 | 55 | 70 | 203 | 170 | 273 | TS 4.0 | TD 15 |
| HCD 5340-32T2 | 34.0 | 32 | 55 | 70 | 203 | 170 | 273 | TS 4.0 | TD 15 |
| HCD 5345-32T2 | 34.5 | 32 | 55 | 70 | 209 | 175 | 279 | TS 4.0 | TD 15 |
| HCD 5350-32T2 | 35.0 | 32 | 55 | 70 | 209 | 175 | 279 | TS 4.0 | TD 15 |
| HCD 5355-32T2 | 35.5 | 40 | 55 | 70 | 215 | 180 | 285 | TS 4.0 | TD 15 |
| HCD 5360-40T2 | 36.0 | 40 | 55 | 70 | 215 | 180 | 285 | TS 4.0 | TD 15 |



HC Drills - 5D

| PRODUCT CODE | DIMENSION (mm) | | | | | | SPARE PARTS | | |
|---------------|----------------|----|----|----|-----|-----|-------------|--------|-------|
| | D | d | d1 | LS | L2 | L1 | L | SCREW | TORX |
| HCD 5365-40T2 | 36.5 | 40 | 55 | 70 | 221 | 185 | 291 | TS 4.0 | TD 15 |
| HCD 5370-40T2 | 37.0 | 40 | 55 | 70 | 221 | 185 | 291 | TS 4.0 | TD 15 |
| HCD 5375-40T2 | 37.5 | 40 | 55 | 70 | 227 | 190 | 297 | TS 4.0 | TD 15 |
| HCD 5380-40T2 | 38.0 | 40 | 55 | 70 | 227 | 190 | 297 | TS 4.0 | TD 15 |
| HCD 5385-40T2 | 38.5 | 40 | 55 | 70 | 232 | 195 | 302 | TS 4.0 | TD 15 |
| HCD 5390-40T2 | 39.0 | 40 | 55 | 70 | 232 | 195 | 302 | TS 4.0 | TD 15 |
| HCD 5395-40T2 | 39.5 | 40 | 55 | 70 | 238 | 200 | 308 | TS 4.0 | TD 15 |
| HCD 5400-40T2 | 40.0 | 40 | 55 | 70 | 238 | 200 | 308 | TS 4.0 | TD 15 |
| HCD 5405-40T2 | 40.5 | 40 | 60 | 70 | 244 | 205 | 314 | TS 4.0 | TD 15 |
| HCD 5410-40T2 | 41.0 | 40 | 60 | 70 | 244 | 205 | 314 | TS 4.0 | TD 15 |
| HCD 5415-40T2 | 41.5 | 40 | 60 | 70 | 249 | 210 | 319 | TS 5.0 | TD 20 |
| HCD 5420-40T2 | 42.0 | 40 | 60 | 70 | 249 | 210 | 319 | TS 5.0 | TD 20 |
| HCD 5425-40T2 | 42.5 | 40 | 60 | 70 | 255 | 215 | 325 | TS 5.0 | TD 20 |
| HCD 5430-40T2 | 43.0 | 40 | 60 | 70 | 255 | 215 | 325 | TS 5.0 | TD 20 |
| HCD 5435-40T2 | 43.5 | 40 | 60 | 70 | 260 | 220 | 330 | TS 5.0 | TD 20 |
| HCD 5440-40T2 | 44.0 | 40 | 60 | 70 | 260 | 220 | 330 | TS 5.0 | TD 20 |
| HCD 5445-40T2 | 44.5 | 40 | 60 | 70 | 267 | 225 | 337 | TS 5.0 | TD 20 |
| HCD 5450-40T2 | 45.0 | 40 | 60 | 70 | 267 | 225 | 337 | TS 5.0 | TD 20 |
| HCD 5455-40T2 | 45.5 | 40 | 60 | 70 | 273 | 230 | 343 | TS 5.0 | TD 20 |
| HCD 5460-40T2 | 46.0 | 40 | 60 | 70 | 273 | 230 | 343 | TS 5.0 | TD 20 |
| HCD 5465-40T2 | 46.5 | 40 | 60 | 70 | 278 | 235 | 348 | TS 5.0 | TD 20 |
| HCD 5470-40T2 | 47.0 | 40 | 60 | 70 | 278 | 235 | 348 | TS 5.0 | TD 20 |
| HCD 5475-40T2 | 47.5 | 40 | 60 | 70 | 284 | 240 | 354 | TS 5.0 | TD 20 |
| HCD 5480-40T2 | 48.0 | 40 | 60 | 70 | 284 | 240 | 354 | TS 5.0 | TD 20 |
| HCD 5485-40T2 | 48.5 | 40 | 60 | 70 | 289 | 245 | 359 | TS 5.0 | TD 20 |
| HCD 5490-40T2 | 49.0 | 40 | 60 | 70 | 289 | 245 | 359 | TS 5.0 | TD 20 |
| HCD 5495-40T2 | 49.5 | 40 | 60 | 70 | 295 | 250 | 365 | TS 5.0 | TD 20 |
| HCD 5500-40T2 | 50.0 | 40 | 60 | 70 | 295 | 250 | 365 | TS 5.0 | TD 20 |

HC Holders





HC Holders

| PRODUCT CODE | SIZE | ANGLE | DIRECTION | INSERT |
|------------------|---------|--------|-----------|--------|
| HCH ECLN 20-20 R | 20 x 20 | 95° | RIGHT | CNMG |
| HCH ECLN 20-20 L | 20 x 20 | 95° | LEFT | CNMG |
| HCH ECMN 20-20 N | 20 x 20 | 40° | NEUTRAL | CNMG |
| HCH ECRN 20-20 R | 20 x 20 | 75° | RIGHT | CNMG |
| HCH ECRN 20-20 L | 20 x 20 | 75° | LEFT | CNMG |
| HCH ECMN 20-20 N | 20 x 20 | 50° | NEUTRAL | CNMG |
| HCH ECKN 20-20 R | 20 x 20 | 75° | RIGHT | CNMG |
| HCH ECKN 20-20 L | 20 x 20 | 75° | LEFT | CNMG |
| HCH ETJN 20-20 R | 20 x 20 | 93° | RIGHT | TNMG |
| HCH ETJN 20-20 L | 20 x 20 | 93° | LEFT | TNMG |
| HCH ETXN 20-20 R | 20 x 20 | 105° | RIGHT | TNMG |
| HCH ETXN 20-20 L | 20 x 20 | 105° | LEFT | TNMG |
| HCH ETEN 20-20 N | 20 x 20 | 60° | NEUTRAL | TNMG |
| HCH ETQN 20-20 R | 20 x 20 | 105° | RIGHT | TNMG |
| HCH ETQN 20-20 L | 20 x 20 | 105° | LEFT | TNMG |
| HCH ETFN 20-20 R | 20 x 20 | 91° | RIGHT | TNMG |
| HCH ETFN 20-20 L | 20 x 20 | 91° | LEFT | TNMG |
| HCH EWLN 20-20 R | 20 x 20 | 95° | RIGHT | WNMG |
| HCH EWLN 20-20 L | 20 x 20 | 95° | LEFT | WNMG |
| HCH EVJN 20-20 R | 20 x 20 | 93° | RIGHT | VNMG |
| HCH EVJN 20-20 L | 20 x 20 | 93° | LEFT | VNMG |
| HCH EVVN 20-20 N | 20 x 20 | 72.5° | NEUTRAL | VNMG |
| HCH EVQN 20-20 R | 20 x 20 | 117.5° | RIGHT | VNMG |
| HCH EVQN 20-20 L | 20 x 20 | 117.5° | LEFT | VNMG |
| HCH ESDN 20-20 R | 20 x 20 | 45° | RIGHT | SNMG |
| HCH ESDN 20-20 L | 20 x 20 | 45° | LEFT | SNMG |
| HCH ESBN 20-20 R | 20 x 20 | 15° | RIGHT | SNMG |
| HCH ESBN 20-20 L | 20 x 20 | 15° | LEFT | SNMG |
| HCH ESKN 20-20 R | 20 x 20 | 75° | RIGHT | SNMG |
| HCH ESKN 20-20 L | 20 x 20 | 75° | LEFT | SNMG |
| HCH ESNF 20-20 R | 20 x 20 | 45° | RIGHT | SNMG |

HC Holders

| PRODUCT CODE | SIZE | ANGLE | DIRECTION | INSERT |
|------------------|---------|--------|-----------|--------|
| HCH ESNF 20-20 L | 20 x 20 | 45° | LEFT | SNMG |
| HCH EDJN 20-20 R | 20 x 20 | 93° | RIGHT | DNMG |
| HCH EDJN 20-20 L | 20 x 20 | 93° | LEFT | DNMG |
| HCH EDQN 20-20 R | 20 x 20 | 107.5° | RIGHT | DNMG |
| HCH EDQN 20-20 L | 20 x 20 | 107.5° | LEFT | DNMG |
| HCH EDNN 20-20 N | 20 x 20 | 62.5° | NEUTRAL | DNMG |
| HCH SVJB 20-20 R | 20 x 20 | 93° | RIGHT | VBMT |
| HCH SVJB 20-20 L | 20 x 20 | 93° | LEFT | VBMT |
| HCH SVVB 20-20 N | 20 x 20 | 72.5° | NEUTRAL | VBMT |
| HCH SVUB 20-20 R | 20 x 20 | 93° | RIGHT | VBMT |
| HCH SVUB 20-20 L | 20 x 20 | 93° | LEFT | VBMT |
| HCH SVQB 20-20 R | 20 x 20 | 117.5° | RIGHT | VBMT |
| HCH SVQB 20-20 L | 20 x 20 | 117.5° | LEFT | VBMT |
| HCH SUCB 20-20 R | 20 x 20 | 93° | RIGHT | VBMT |
| HCH SUCB 20-20 L | 20 x 20 | 93° | LEFT | VBMT |
| HCH ECLN 25-25 R | 25 x 25 | 95° | RIGHT | CNMG |
| HCH ECLN 25-25 L | 25 x 25 | 95° | LEFT | CNMG |
| HCH ECMN 25-25 N | 25 x 25 | 40° | NEUTRAL | CNMG |
| HCH ECRN 25-25 R | 25 x 25 | 75° | RIGHT | CNMG |
| HCH ECRN 25-25 L | 25 x 25 | 75° | LEFT | CNMG |
| HCH ECMN 25-25 N | 25 x 25 | 50° | NEUTRAL | CNMG |
| HCH ECKN 25-25 R | 25 x 25 | 75° | RIGHT | CNMG |
| HCH ECKN 25-25 L | 25 x 25 | 75° | LEFT | CNMG |
| HCH ETJN 25-25 R | 25 x 25 | 93° | RIGHT | TNMG |
| HCH ETJN 25-25 L | 25 x 25 | 93° | LEFT | TNMG |
| HCH ETXN 25-25 R | 25 x 25 | 105° | RIGHT | TNMG |
| HCH ETXN 25-25 L | 25 x 25 | 105° | LEFT | TNMG |
| HCH ETEN 25-25 N | 25 x 25 | 60° | NEUTRAL | TNMG |
| HCH ETQN 25-25 R | 25 x 25 | 105° | RIGHT | TNMG |
| HCH ETQN 25-25 L | 25 x 25 | 105° | LEFT | TNMG |
| HCH ETFN 25-25 R | 25 x 25 | 91° | RIGHT | TNMG |



HC Holders

| PRODUCT CODE | SIZE | ANGLE | DIRECTION | INSERT |
|------------------|---------|--------|-----------|--------|
| HCH ETFN 25-25 L | 25 x 25 | 91° | LEFT | TNMG |
| HCH EWLN 25-25 R | 25 x 25 | 95° | RIGHT | WNMG |
| HCH EWLN 25-25 L | 25 x 25 | 95° | LEFT | WNMG |
| HCH EVJN 25-25 R | 25 x 25 | 93° | RIGHT | VNMG |
| HCH EVJN 25-25 L | 25 x 25 | 93° | LEFT | VNMG |
| HCH EVVN 25-25 N | 25 x 25 | 72.5° | NEUTRAL | VNMG |
| HCH EVQN 25-25 R | 25 x 25 | 117.5° | RIGHT | VNMG |
| HCH EVQN 25-25 L | 25 x 25 | 117.5° | LEFT | VNMG |
| HCH ESDN 25-25 R | 25 x 25 | 45° | RIGHT | SNMG |
| HCH ESDN 25-25 L | 25 x 25 | 45° | LEFT | SNMG |
| HCH ESBN 25-25 R | 25 x 25 | 15° | RIGHT | SNMG |
| HCH ESBN 25-25 L | 25 x 25 | 15° | LEFT | SNMG |
| HCH ESKN 25-25 R | 25 x 25 | 75° | RIGHT | SNMG |
| HCH ESKN 25-25 L | 25 x 25 | 75° | LEFT | SNMG |
| HCH ESNF 25-25 R | 25 x 25 | 45° | RIGHT | SNMG |
| HCH ESNF 25-25 L | 25 x 25 | 45° | LEFT | SNMG |
| HCH EDJN 25-25 R | 25 x 25 | 93° | RIGHT | DNMG |
| HCH EDJN 25-25 L | 25 x 25 | 93° | LEFT | DNMG |
| HCH EDQN 25-25 R | 25 x 25 | 107.5° | RIGHT | DNMG |
| HCH EDQN 25-25 L | 25 x 25 | 107.5° | LEFT | DNMG |
| HCH EDNN 25-25 N | 25 x 25 | 62.5° | NEUTRAL | DNMG |
| HCH SVJB 25-25 R | 25 x 25 | 93° | RIGHT | VBMT |
| HCH SVJB 25-25 L | 25 x 25 | 93° | LEFT | VBMT |
| HCH SVVB 25-25 N | 25 x 25 | 72.5° | NEUTRAL | VBMT |
| HCH SVUB 25-25 R | 25 x 25 | 93° | RIGHT | VBMT |
| HCH SVUB 25-25 L | 25 x 25 | 93° | LEFT | VBMT |
| HCH SVQB 25-25 R | 25 x 25 | 117.5° | RIGHT | VBMT |
| HCH SVQB 25-25 L | 25 x 25 | 117.5° | LEFT | VBMT |
| HCH SUCB 25-25 R | 25 x 25 | 93° | RIGHT | VBMT |
| HCH SUCB 25-25 L | 25 x 25 | 93° | LEFT | VBMT |

HC Boring Bars





HC Boring Bars

| PRODUCT CODE | SIZE | ANGLE | DIRECTION | INSERT |
|---------------|------|--------|-----------|---------|
| HCBS08K SCLCR | 8 | 95° | RIGHT | CCMT 06 |
| HCBS08K SCLCL | 8 | 95° | LEFT | CCMT 06 |
| HCBS08K SCKCR | 8 | 75° | RIGHT | CCMT 06 |
| HCBS08K SCKCL | 8 | 75° | LEFT | CCMT 06 |
| HCBS08K SCZCR | 8 | 93° | RIGHT | CCMT 06 |
| HCBS08K SCZCL | 8 | 93° | LEFT | CCMT 06 |
| HCBS08K SDJCR | 8 | 93° | RIGHT | DCMT 07 |
| HCBS08K SDJCL | 8 | 93° | LEFT | DCMT 07 |
| HCBS10K SCLCR | 10 | 95° | RIGHT | CCMT 06 |
| HCBS10K SCLCL | 10 | 95° | LEFT | CCMT 06 |
| HCBS10K SCKCR | 10 | 75° | RIGHT | CCMT 06 |
| HCBS10K SCKCL | 10 | 75° | LEFT | CCMT 06 |
| HCBS10K SCZCR | 10 | 93° | RIGHT | CCMT 06 |
| HCBS10K SCZCL | 10 | 93° | LEFT | CCMT 06 |
| HCBS10K SDJCR | 10 | 93° | RIGHT | DCMT 07 |
| HCBS10K SDJCL | 10 | 93° | LEFT | DCMT 07 |
| HCBS10K SDQCR | 10 | 107.5° | RIGHT | DCMT 07 |
| HCBS10K SDQCL | 10 | 107.5° | LEFT | DCMT 07 |
| HCBS10K SDZCR | 10 | 93° | RIGHT | DCMT 07 |
| HCBS10K SDZCL | 10 | 93° | LEFT | DCMT 07 |
| HCBS12K SCLCR | 12 | 95° | RIGHT | CCMT 09 |
| HCBS12K SCLCL | 12 | 95° | LEFT | CCMT 09 |
| HCBS12K SCKCR | 12 | 75° | RIGHT | CCMT 09 |
| HCBS12K SCKCL | 12 | 75° | LEFT | CCMT 09 |
| HCBS12K SCZCR | 12 | 93° | RIGHT | CCMT 09 |
| HCBS12K SCZCL | 12 | 93° | LEFT | CCMT 09 |
| HCBS12K SDJCR | 12 | 93° | RIGHT | DCMT 07 |
| HCBS12K SDJCL | 12 | 93° | LEFT | DCMT 07 |
| HCBS12K SDQCR | 12 | 107.5° | RIGHT | DCMT 07 |
| HCBS12K SDQCL | 12 | 107.5° | LEFT | DCMT 07 |
| HCBS12K SDZCR | 12 | 93° | RIGHT | DCMT 07 |
| HCBS12K SDZCL | 12 | 93° | LEFT | DCMT 07 |
| HCBS12K SVJBR | 12 | 93° | RIGHT | VCMT 11 |

HC Boring Bars

| PRODUCT CODE | SIZE | ANGLE | DIRECTION | INSERT |
|---------------|------|--------|-----------|---------|
| HCBS12K SVJBL | 12 | 93° | LEFT | VCMT 11 |
| HCBS12K SVJCR | 12 | 93° | RIGHT | VCMT 11 |
| HCBS12K SVJCL | 12 | 93° | LEFT | VCMT 11 |
| HCBS16K SCLCR | 16 | 95° | RIGHT | CCMT 09 |
| HCBS16K SCLCL | 16 | 95° | LEFT | CCMT 09 |
| HCBS16K SCKCR | 16 | 75° | RIGHT | CCMT 09 |
| HCBS16K SCKCL | 16 | 75v | LEFT | CCMT 09 |
| HCBS16K SDJCR | 16 | 93° | RIGHT | DCMT 11 |
| HCBS16K SDJCL | 16 | 93° | LEFT | DCMT 11 |
| HCBS16K SDUCR | 16 | 93° | RIGHT | DCMT 11 |
| HCBS16K SDUCL | 16 | 93° | LEFT | DCMT 11 |
| HCBS16K SVJBR | 16 | 93° | RIGHT | VCMT 11 |
| HCBS16K SVJBL | 16 | 93° | LEFT | VCMT 11 |
| HCBS16K SVJCR | 16 | 93° | RIGHT | VCMT 11 |
| HCBS16K SVJCL | 16 | 93° | LEFT | VCMT 11 |
| HCBS16K SVQCR | 16 | 117.5° | RIGHT | VCMT 11 |
| HCBS16K SVQCL | 16 | 117.5° | LEFT | VCMT 11 |
| HCBS16K SVUBR | 16 | 93° | RIGHT | VCMT 11 |
| HCBS16K SVUBL | 16 | 93° | LEFT | VCMT 11 |
| HCBS16K SVUCR | 16 | 93° | RIGHT | VCMT 11 |
| HCBS16K SVUCL | 16 | 93° | LEFT | VCMT 11 |
| HCBS16K SWUBR | 16 | 3° | RIGHT | WBMT 06 |
| HCBS16K SWUBL | 16 | 3° | LEFT | WBMT 06 |
| HCBS20K SCLCR | 20 | 95° | RIGHT | CCMT 09 |
| HCBS20K SCLCL | 20 | 95° | LEFT | CCMT 09 |
| HCBS20K SCKCR | 20 | 75° | RIGHT | CCMT 09 |
| HCBS20K SCKCL | 20 | 75° | LEFT | CCMT 09 |
| HCBS20K SDJCR | 20 | 93° | RIGHT | DCMT 11 |
| HCBS20K SDJCL | 20 | 93° | LEFT | DCMT 11 |
| HCBS20K SDUCR | 20 | 93° | RIGHT | DCMT 11 |
| HCBS20K SDUCL | 20 | 93° | LEFT | DCMT 11 |
| HCBS20K SVJBR | 20 | 93° | RIGHT | VCMT 16 |
| HCBS20K SVJBL | 20 | 93° | LEFT | VCMT 16 |



HC Boring Bars

| PRODUCT CODE | SIZE | ANGLE | DIRECTION | INSERT |
|----------------|--------|--------|-----------|---------|
| HCBS20K SVJCR | 20 | 93° | RIGHT | VCMT 16 |
| HCBS20K SVJCL | 20 | 93° | LEFT | VCMT 16 |
| HCBS20K SVQCR | 20 | 117.5° | RIGHT | VCMT 16 |
| HCBS20K SVQCL | 20 | 117.5° | LEFT | VCMT 16 |
| HCBS20K SVUBR | 20 | 93° | RIGHT | VCMT 16 |
| HCBS20K SVUBL | 20 | 93° | LEFT | VCMT 16 |
| HCBS20K SVUCR | 20 | 93° | RIGHT | VCMT 16 |
| HCBS20K SVUCL | 20 | 93° | LEFT | VCMT 16 |
| HCBS20K SWUBR | 20 | 3° | RIGHT | WBMT 06 |
| HCBS20K SWUBL | 20 | 3° | LEFT | WBMT 06 |
| HCBS25K SCLCR | 25 | 95° | RIGHT | CCMT 09 |
| HCBS25K SCLCL | 25 | 95° | LEFT | CCMT 09 |
| HCBS25K SCKCR | 25 | 75° | RIGHT | CCMT 09 |
| HCBS25K SCKCL | 25 | 75° | LEFT | CCMT 09 |
| HCBS25K SDJCR | 25 | 93° | RIGHT | DCMT 11 |
| HCBS25K SDJCL | 25 | 93° | LEFT | DCMT 11 |
| HCBS25K SDUCR | 25 | 93° | RIGHT | DCMT 11 |
| HCBS25K SDUCL | 25 | 93° | LEFT | DCMT 11 |
| HCBS25K SVJBR | 25 | 93° | RIGHT | VCMT 16 |
| HCBS25K SVJBL | 25 | 93° | LEFT | VCMT 16 |
| HCBS25K SVJCR | 25 | 93° | RIGHT | VCMT 16 |
| HCBS25K SVJCL | 25 | 93° | LEFT | VCMT 16 |
| HCBS25K SVQCR | 25 | 117.5° | RIGHT | VCMT 16 |
| HCBS25K SVQCL | 25 | 117.5° | LEFT | VCMT 16 |
| HCBS25K SVUBR | 25 | 93° | RIGHT | VCMT 16 |
| HCBS25K SVUBL | 25 | 93° | LEFT | VCMT 16 |
| HCBS25K SVUCR | 25 | 93° | RIGHT | VCMT 16 |
| HCBS25K SVUCL | 25 | 93° | LEFT | VCMT 16 |
| HCBS25K SWUBR | 25 | 3° | RIGHT | WBMT 06 |
| HCBS25K SWUBL | 25 | 3° | LEFT | WBMT 06 |
| HCBS10-5 SCLCR | 10 x 5 | 5° | RIGHT | CCMT 03 |
| HCBS10-5 SCLCL | 10 x 5 | 5° | LEFT | CCMT 03 |
| HCBS10-6 SWUBR | 10 x 6 | 93° | RIGHT | WCMT 06 |

HC Boring Bars

| PRODUCT CODE | SIZE | ANGLE | DIRECTION | INSERT |
|------------------|---------|-------|-----------|---------|
| HCB S10-6 SWUBL | 10 x 6 | 93° | LEFT | WCMT 06 |
| HCB S12-8 SCLCR | 12 x 8 | 95° | RIGHT | CCMT 06 |
| HCB S12-8 SCLCL | 12 x 8 | 95° | LEFT | CCMT 06 |
| HCB S12-8 SCKCR | 12 x 8 | 75° | RIGHT | CCMT 06 |
| HCB S12-8 SCKCL | 12 x 8 | 75° | LEFT | CCMT 06 |
| HCB S16-6 SWUBR | 16 x 6 | 93° | RIGHT | WCMT 06 |
| HCB S16-6 SWUBL | 16 x 6 | 93° | LEFT | WCMT 06 |
| HCB S16-7 SCLCR | 16 x 7 | 95° | RIGHT | CCMT 06 |
| HCB S16-7 SCLCL | 16 x 7 | 95° | LEFT | CCMT 06 |
| HCB S16-7 SCKCR | 16 x 7 | 75° | RIGHT | CCMT 06 |
| HCB S16-7 SCKCL | 16 x 7 | 75° | LEFT | CCMT 06 |
| HCB S16-8 SCLCR | 16 x 8 | 95° | RIGHT | CCMT 06 |
| HCB S16-8 SCLCL | 16 x 8 | 95° | LEFT | CCMT 06 |
| HCB S16-8 SCKCR | 16 x 8 | 75° | RIGHT | CCMT 06 |
| HCB S16-8 SCKCL | 16 x 8 | 75° | LEFT | CCMT 06 |
| HCB S16-10 SCLCR | 16 x 10 | 95° | RIGHT | CCMT 06 |
| HCB S16-10 SCLCL | 16 x 10 | 95° | LEFT | CCMT 06 |
| HCB S16-10 SCKCR | 16 x 10 | 75° | RIGHT | CCMT 06 |
| HCB S16-10 SCKCL | 16 x 10 | 75° | LEFT | CCMT 06 |
| HCB S16-12 SCLCR | 16 x 12 | 95° | RIGHT | CCMT 09 |
| HCB S16-12 SCLCL | 16 x 12 | 95° | LEFT | CCMT 09 |
| HCB S16-12 SCKCR | 16 x 12 | 75° | RIGHT | CCMT 09 |
| HCB S16-12 SCKCL | 16 x 12 | 75° | LEFT | CCMT 09 |
| HCB S20-12 SCLCR | 20 x 12 | 95° | RIGHT | CCMT 06 |
| HCB S20-12 SCLCL | 20 x 12 | 95° | LEFT | CCMT 06 |
| HCB S20-12 SCKCR | 20 x 12 | 75° | RIGHT | CCMT 06 |
| HCB S20-12 SCKCL | 20 x 12 | 75° | LEFT | CCMT 06 |
| HCB S20-13 SCLCR | 20 x 13 | 95° | RIGHT | CCMT 09 |
| HCB S20-13 SCLCL | 20 x 13 | 95° | LEFT | CCMT 09 |
| HCB S20-13 SCKCR | 20 x 13 | 75° | RIGHT | CCMT 09 |
| HCB S20-13 SCKCL | 20 x 13 | 75° | LEFT | CCMT 09 |



HC Grooving Holders



HC Grooving Holders (ID)

| PRODUCT CODE | SIZE | DIRECTION | INSERT | T MAX |
|--------------|------|-----------|--------|-------------------------------|
| HCG S16 IR 2 | Ø 16 | RIGHT | 2mm | AS PER BRAND GUIDELINES |
| HCG S16 IL 2 | Ø 16 | LEFT | 2mm | |
| HCG S16 IR 3 | Ø 16 | RIGHT | 3mm | |
| HCG S16 IL 3 | Ø 16 | LEFT | 3mm | |
| HCG S16 IR 4 | Ø 16 | RIGHT | 4mm | |
| HCG S16 IL 4 | Ø 16 | LEFT | 4mm | |
| HCG S20 IR 2 | Ø 20 | RIGHT | 2mm | |
| HCG S20 IL 2 | Ø 20 | LEFT | 2mm | |
| HCG S20 IR 3 | Ø 20 | RIGHT | 3mm | |
| HCG S20 IL 3 | Ø 20 | LEFT | 3mm | |
| HCG S20 IR 4 | Ø 20 | RIGHT | 4mm | |
| HCG S20 IL 4 | Ø 20 | LEFT | 4mm | |
| HCG S25 IR 2 | Ø 25 | RIGHT | 2mm | |
| HCG S25 IL 2 | Ø 25 | LEFT | 2mm | |
| HCG S25 IR 3 | Ø 25 | RIGHT | 3mm | |
| HCG S25 IL 3 | Ø 25 | LEFT | 3mm | |
| HCG S25 IR 4 | Ø 25 | RIGHT | 4mm | |
| HCG S25 IL 4 | Ø 25 | LEFT | 4mm | |
| HCG S25 IR 5 | Ø 25 | RIGHT | 5mm | |
| HCG S25 IL 5 | Ø 25 | LEFT | 5mm | |
| HCG S25 IR 6 | Ø 25 | RIGHT | 6mm | |
| HCG S25 IL 6 | Ø 25 | LEFT | 6mm | |
| HCG S32 IR 2 | Ø 32 | RIGHT | 2mm | |
| HCG S32 IL 2 | Ø 32 | LEFT | 2mm | |
| HCG S32 IR 3 | Ø 32 | RIGHT | 3mm | |
| HCG S32 IL 3 | Ø 32 | LEFT | 3mm | |
| HCG S32 IR 4 | Ø 32 | RIGHT | 4mm | |
| HCG S32 IL 4 | Ø 32 | LEFT | 4mm | |
| HCG S32 IR 5 | Ø 32 | RIGHT | 5mm | |
| HCG S32 IL 5 | Ø 32 | LEFT | 5mm | |
| HCG S32 IR 6 | Ø 32 | RIGHT | 6mm | |
| HCG S32 IL 6 | Ø 32 | LEFT | 6mm | |

FOR INSERTS - TaeguTec, Iscar, Korloy, Kyocera, Sandvik and All Major Brands



HC Grooving Holders (OD)

| PRODUCT CODE | SIZE | DIRECTION | INSERT | T MAX |
|--------------|---------|-----------|--------|-------------------------------|
| HCG ER16 R2 | 16 x 16 | RIGHT | 2mm | AS PER BRAND GUIDELINES |
| HCG EL16 L2 | 16 x 16 | LEFT | 2mm | |
| HCG ER16 R3 | 16 x 16 | RIGHT | 3mm | |
| HCG EL16 L3 | 16 x 16 | LEFT | 3mm | |
| HCG ER16 R4 | 16 x 16 | RIGHT | 4mm | |
| HCG EL16 L4 | 16 x 16 | LEFT | 4mm | |
| HCG ER20 R2 | 20 x 20 | RIGHT | 2mm | |
| HCG EL20 L2 | 20 x 20 | LEFT | 2mm | |
| HCG ER20 R3 | 20 x 20 | RIGHT | 3mm | |
| HCG EL20 L3 | 20 x 20 | LEFT | 3mm | |
| HCG ER20 R4 | 20 x 20 | RIGHT | 4mm | |
| HCG EL20 L4 | 20 x 20 | LEFT | 4mm | |
| HCG ER25 R2 | 25 x 25 | RIGHT | 2mm | |
| HCG EL25 L2 | 25 x 25 | LEFT | 2mm | |
| HCG ER25 R3 | 25 x 25 | RIGHT | 3mm | |
| HCG EL25 L3 | 25 x 25 | LEFT | 3mm | |
| HCG ER25 R4 | 25 x 25 | RIGHT | 4mm | |
| HCG EL25 L4 | 25 x 25 | LEFT | 4mm | |
| HCG ER25 R5 | 25 x 25 | RIGHT | 5mm | |
| HCG EL25 L5 | 25 x 25 | LEFT | 5mm | |
| HCG ER25 R6 | 25 x 25 | RIGHT | 6mm | |
| HCG EL25 L6 | 25 x 25 | LEFT | 6mm | |
| HCG ER32 R3 | 32 x 32 | RIGHT | 3mm | |
| HCG EL32 L3 | 32 x 32 | LEFT | 3mm | |
| HCG ER32 R4 | 32 x 32 | RIGHT | 4mm | |
| HCG EL32 L4 | 32 x 32 | LEFT | 4mm | |
| HCG ER32 R5 | 32 x 32 | RIGHT | 5mm | |
| HCG EL32 L5 | 32 x 32 | LEFT | 5mm | |
| HCG ER32 R6 | 32 x 32 | RIGHT | 6mm | |
| HCG EL32 L6 | 32 x 32 | LEFT | 6mm | |
| HCG ER32 R8 | 32 x 32 | RIGHT | 8mm | |
| HCG EL32 L8 | 32 x 32 | LEFT | 8mm | |

FOR INSERTS - TaeguTec, Iscar, Korloy, Kyocera, Sandvik and All Major Brands

HC Grooving Holders (Face)

| PRODUCT CODE | SIZE | DIRECTION | INSERT | RANGE |
|--------------|---------|-----------|--------|----------|
| HCG FR20 R2 | 20 x 20 | RIGHT | 2mm | 29 - 400 |
| HCG FL20 L2 | 20 x 20 | LEFT | 2mm | 29 - 400 |
| HCG FR20 R3 | 20 x 20 | RIGHT | 3mm | 29 - 400 |
| HCG FL20 L3 | 20 x 20 | LEFT | 3mm | 29 - 400 |
| HCG FR20 R4 | 20 x 20 | RIGHT | 4mm | 29 - 400 |
| HCG FL20 L4 | 20 x 20 | LEFT | 4mm | 29 - 400 |
| HCG FR25 R2 | 25 x 25 | RIGHT | 2mm | 29 - 400 |
| HCG FL25 L2 | 25 x 25 | LEFT | 2mm | 29 - 400 |
| HCG FR25 R3 | 25 x 25 | RIGHT | 3mm | 29 - 400 |
| HCG FL25 L3 | 25 x 25 | LEFT | 3mm | 29 - 400 |
| HCG FR25 R4 | 25 x 25 | RIGHT | 4mm | 29 - 400 |
| HCG FL25 L4 | 25 x 25 | LEFT | 4mm | 29 - 400 |
| HCG FR25 R5 | 25 x 25 | RIGHT | 5mm | 29 - 400 |
| HCG FL25 L5 | 25 x 25 | LEFT | 5mm | 29 - 400 |
| HCG FR25 R6 | 25 x 25 | RIGHT | 6mm | 29 - 400 |
| HCG FL25 L6 | 25 x 25 | LEFT | 6mm | 29 - 400 |

FOR INSERTS - TaeguTec, Iscar, Korloy, Kyocera, Sandvik and All Major Brands



HC Cutters



HC Cutters

| PRODUCT CODE | D | d | L |
|--------------|------|----|-----|
| HCC 12-100 | 12.0 | 12 | 100 |
| HCC 16-100 | 16.0 | 16 | 100 |
| HCC 16-120 | 16.0 | 16 | 120 |
| HCC 16-150 | 16.0 | 16 | 150 |
| HCC 20-100 | 20.0 | 20 | 100 |
| HCC 20-120 | 20.0 | 20 | 120 |
| HCC 20-150 | 20.0 | 20 | 150 |
| HCC 20-200 | 20.0 | 20 | 200 |
| HCC 25-100 | 25.0 | 25 | 100 |
| HCC 25-125 | 25.0 | 25 | 125 |
| HCC 25-150 | 25.0 | 25 | 150 |
| HCC 25-200 | 25.0 | 25 | 200 |
| HCC 25-250 | 25.0 | 25 | 250 |
| HCC 32-100 | 32.0 | 32 | 100 |
| HCC 32-132 | 32.0 | 32 | 132 |
| HCC 32-150 | 32.0 | 32 | 150 |
| HCC 32-200 | 32.0 | 32 | 200 |
| HCC 32-250 | 32.0 | 32 | 250 |



FOR INSERTS
APMT, AXMT, AOMT,
APKT, ADKT, RPMT,
RCMT, RDMW, RCMX
and more.

SHELL CUTTERS - Available sizes :
S32, S40, S50, S63, S80, S100, S125 & S150



DISTRIBUTOR / DEALER