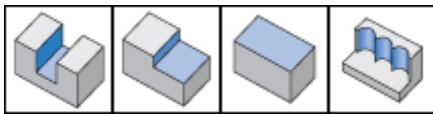
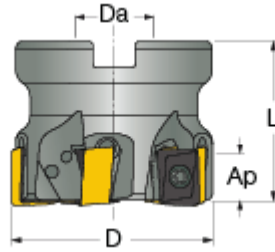




**H490 F90AX-12** : 90° face mills using H490 ANKX 12.. double-sided, rectangular inserts with 4 helical cutting edges (HELIDO 490 L)



| Designation               | D      | Z  | ap    | L     | Da    | Arbor | Rd?/b> | Coolant | Kg   |
|---------------------------|--------|----|-------|-------|-------|-------|--------|---------|------|
| H490 F90AX D040-4-16-12   | 40.00  | 4  | 12.00 | 40.00 | 16.00 | A     | 1.5    | Y       | 0.48 |
| H490 F90AX D050-3-22-12   | 50.00  | 3  | 12.00 | 40.00 | 22.00 | A     | 1.5    | Y       | 0.51 |
| H490 F90AX D050-5-22-12   | 50.00  | 5  | 12.00 | 40.00 | 22.00 | A     | 1.5    | Y       | 0.25 |
| H490 F90AX D063-4-25.4-12 | 63.00  | 4  | 12.00 | 50.00 | 25.40 | A     | -      | Y       | 0.45 |
| H490 F90AX D063-4-27-12   | 63.00  | 4  | 12.00 | 50.00 | 27.00 | A     | 1.5    | Y       | 1.00 |
| H490 F90AX D063-6-25.4-12 | 63.00  | 6  | 12.00 | 50.00 | 25.40 | A     | -      | Y       | 0.75 |
| H490 F90AX D063-6-27-12   | 63.00  | 6  | 12.00 | 50.00 | 27.00 | A     | 1.5    | Y       | 0.89 |
| H490 F90AX D080-5-25.4-12 | 80.00  | 5  | 12.00 | 50.00 | 25.40 | B     | -      | Y       | 0.50 |
| H490 F90AX D080-5-27-12   | 80.00  | 5  | 12.00 | 50.00 | 27.00 | B     | -      | Y       | 0.98 |
| H490 F90AX D080-7-25.4-12 | 80.00  | 7  | 12.00 | 50.00 | 25.40 | B     | -      | Y       | 1.02 |
| H490 F90AX D080-7-27-12   | 80.00  | 7  | 12.00 | 50.00 | 27.00 | B     | -      | Y       | 0.00 |
| H490 F90AX D100-6-32-12   | 100.00 | 6  | 12.00 | 50.00 | 32.00 | B     | -      | Y       | 3.38 |
| H490 F90AXD100-6-31.75-12 | 100.00 | 6  | 12.00 | 50.00 | 31.75 | B     | -      | Y       | 3.38 |
| H490 F90AX D100-9-32-12   | 100.00 | 9  | 12.00 | 50.00 | 32.00 | B     | -      | Y       | 3.38 |
| H490 F90AXD100-9-31.75-12 | 100.00 | 9  | 12.00 | 50.00 | 31.75 | B     | -      | Y       | 3.38 |
| H490 F90AX D125-8-40-12   | 125.00 | 8  | 12.00 | 63.00 | 40.00 | B     | -      | Y       | 2.11 |
| H490 F90AX D160-9-40-12   | 160.00 | 9  | 12.00 | 63.00 | 40.00 | C     | -      | Y       | 0.75 |
| H490 F90AX D200-10-60-12  | 200.00 | 10 | 12.00 | 63.00 | 60.00 | C     | -      | Y       | 3.20 |