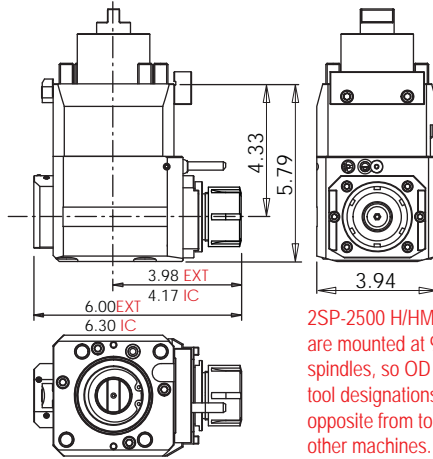
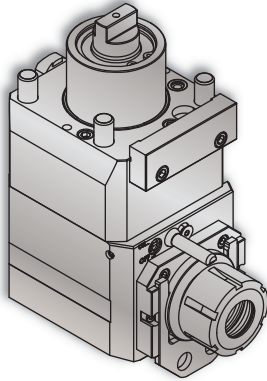


## 2SP-2500HM Tools



### 2SP-2500HM Cross Tools • ER-32 Outputs



2SP-2500 H/HM turrets are mounted at 90° to spindles, so OD and live tool designations are opposite from tools on other machines.

### Notes

#### Wrenches Included with Tools

| Maximum Drill Ø |        | Maximum Mill Ø |        |
|-----------------|--------|----------------|--------|
| EXT             | 13/16" | EXT            | 23/32" |
| IC              | 3/4"   | IC             | 23/32" |

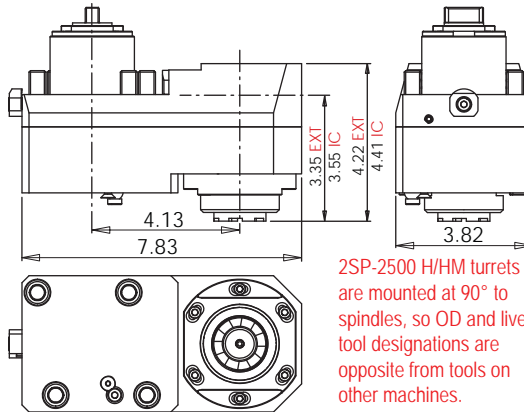
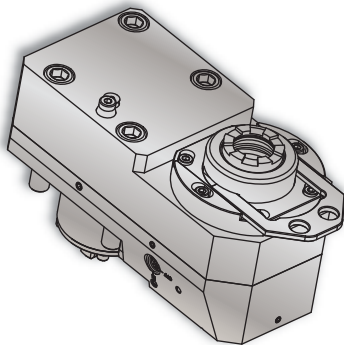
Turret Plugs 14.430.0.0086.0

\* 1,450 psi internal coolant (IC) cross tool **CAN** be run without coolant; the coolant sealing mechanism can be completely dis-engaged.

All coolant thru live tools require 30 micron coolant filtration nominal, 50 micron coolant filtration absolute.

| Tool #          | Coolant                | Output | Rotation (In:Out) | Ratio (In:Out) | Max. RPM | Torque | Spindle Wrench | Collet Wrench |
|-----------------|------------------------|--------|-------------------|----------------|----------|--------|----------------|---------------|
| 14.800.0.0472.0 | EXT                    | ER-32  | CW:CW             | 1:1            | 6,000    | 60 Nm  | Special        | 7111.32000    |
| 14.800.0.0471.0 | IC & EXT*<br>1,450 psi | ERC-32 | CW:CW             | 1:1            | 6,000    | 60 Nm  | Special        | 7111.32000    |

### 2SP-2500HM Face Tools • ERAX-32 Outputs



2SP-2500 H/HM turrets are mounted at 90° to spindles, so OD and live tool designations are opposite from tools on other machines.

### Notes

#### Wrenches Included with Tools

| Maximum Drill Ø |        | Maximum Mill Ø |        |
|-----------------|--------|----------------|--------|
| EXT             | 13/16" | EXT            | 23/32" |
| IC              | 3/4"   | IC             | 23/32" |

Turret Plugs 14.430.0.0086.0

\* 1,450 psi internal coolant (IC) face tool **CAN** be run without coolant; the coolant sealing mechanism can be completely dis-engaged.

All coolant thru live tools require 30 micron coolant filtration nominal, 50 micron coolant filtration absolute.

| Tool #          | Coolant                | Output   | Rotation (In:Out) | Ratio (In:Out) | Max. RPM | Torque | Spindle Wrench | Collet Wrench |
|-----------------|------------------------|----------|-------------------|----------------|----------|--------|----------------|---------------|
| 14.101.0.0370.0 | EXT                    | ERAX-32  | CW:CW             | 1:1            | 6,000    | 60 Nm  | Special        | 7117.32000    |
| 14.101.0.0369.0 | IC & EXT*<br>1,450 psi | ERAXC-32 | CW:CW             | 1:1            | 6,000    | 60 Nm  | Special        | 7117.32000    |