# J550ADS

JADS® SERIES

* JSW-America Inventory Spec.

| | Item | Unit | J550ADS | | | |
|---|---|---|---|---|---|---|
| | | | 2300H | | 3100H | |
| Injection Unit | Screw Diameter | in (mm) | 3.31(84) | 3.62(92) | 3.62(92) | 3.94(100) |
| | Screw Stroke | in (mm) | 16.536 (420) | | 18.111 (460) | |
| | Theoretical Injection Capacity | $in^3$ | 142.1 | 170.4 | 186.6 | 220.5 |
| | Injection Capacity (GP-PS) | oz | 74.7 | 89.6 | 98.2 | 116.0 |
| | Injection Pressure (Max.) | psi | 27500 | 22800 | 26800 | 22600 |
| | Holding Pressure (Max.) | psi | 24800 | 20500 | 24200 | 20300 |
| | Injection Speed | in/s | 6.30 | | 6.30 | |
| | Injection Rate | $in^3/s$ | 54.1 | 64.9 | 64.9 | 76.7 |
| | Plasticizing Rate (GP-PS) | oz/s | 4.41 | 4.61 | 5.00 | 5.19 |
| | Screw Speed | rpm | 205 | 185 | 185 | 170 |
| Clamping Unit | Mechanism | - | Double Toggle | | | |
| | Clamping Force | US ton | 606 | | | |
| | Daylight Opening (Max.) | in (mm) | 78.7 (2000)* | | | |
| | Opening Stroke (Max.) | in (mm) | 35.4 (900) | | | |
| | Mold Height | in (mm) | 17.7 - 43.3 (450 - 1100)* | | | |
| | Distance between Tie-Bars (H x V) | in (mm) | 40.2 x 38.2 (1020 x 970) | | | |
| | Platen Size (H x V) | in (mm) | 55.9 x 52.0 (1420 x 1320) | | | |
| | Ejector Force | US ton | 14.6 | | | |
| | Ejector Stroke | in (mm) | 7.087 (180) | | | |
| | Locating Ring Diameter | in (mm) | 4.0 (101.6)* | | | |
| General | Machine Weight | US ton | 32.1* | | 34.3* | |
| | Machine Dimensions (L) | ft | 30.09* | | 30.91* | |
| | Machine Dimensions (W x H) | ft | 8.27 x 7.87 | | | |
| | Breaker Amperage | A | 150* | | 150* | |
| | Voltage | V | 480 | | | |
| | Total Power Capacity | kVA | 65* | | 74* | |

Remarks:

1 Maximum Injection Pressure and maximum holding pressure may be restricted due to molding conditions.
2 Maximum Injection Rate may be restricted due to molding conditions.
3 Theoretical injection capacity is (cross sectional area of barrel) x (stroke of screw).
4 Injection capacity is calculated with GP-PS and variable depending on the grade of resin, molding conditions and mold.
5 Plasticizing rate is calculated with GP-PS.
6 Polycarbonate, PVC, other engineering plastic, etc., low temperature setting and high speed molding may require a high torque depending on the grade or molding conditions. Please contact us if you plan.
7 Please refer to machine manual for minimum mold size and maximum weight.
8 Due to continual improvements, specifications are subject to change.

JSW
JAPAN STEEL WORKS AMERICA, Inc.

| | | |
|---|---|---|
| NY Headquarters: | 1251 Avenue of the Americas, Suite 2390, New York, NY 10020 | Phone: (212) 490-2630 |
| Chicago Office: | 201 Hansen Court, Suite 121, Wood Dale, IL 60191 | Phone: (630) 716-3400 |
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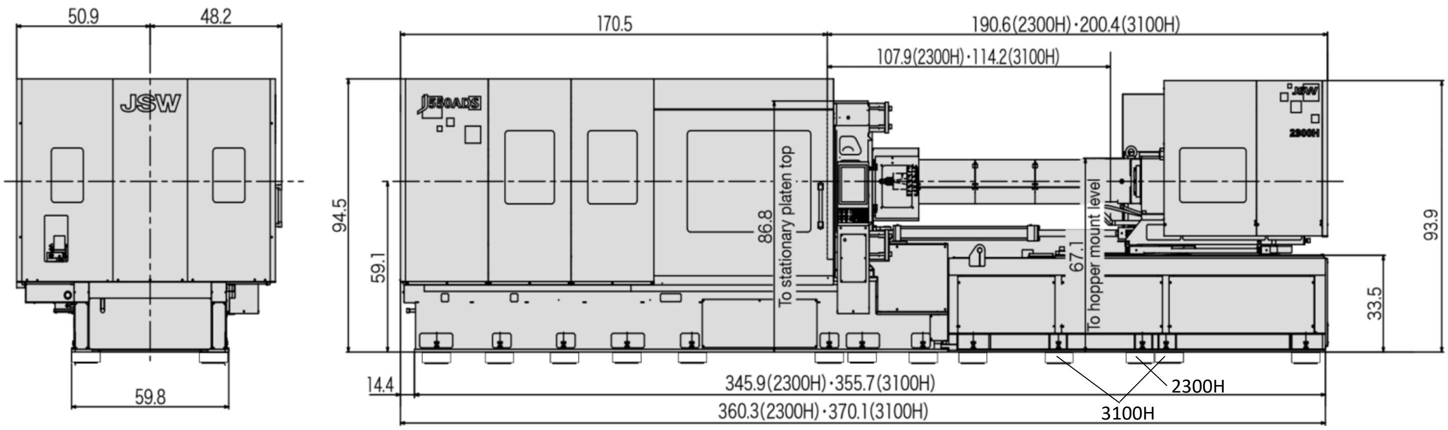
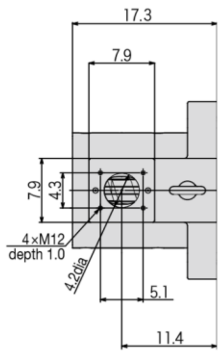
| Atlanta Office: | 1395 S Marietta Parkway Bldg. 200 Suite 201 Marietta, GA 30067 | Phone: (770) 575-0383 |

# J550ADS

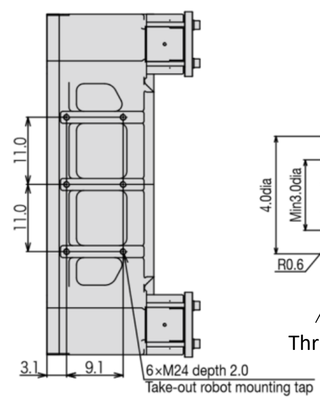
JADS® SERIES

Unit: inch

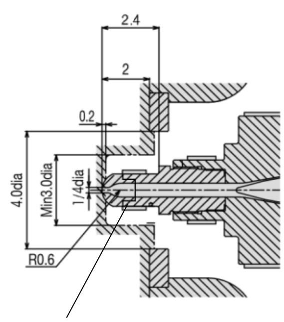


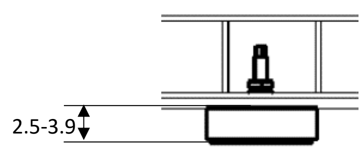

Top of hopper frange



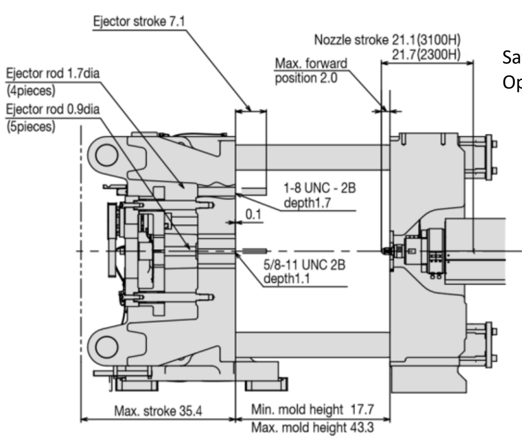

Top of stationary platen

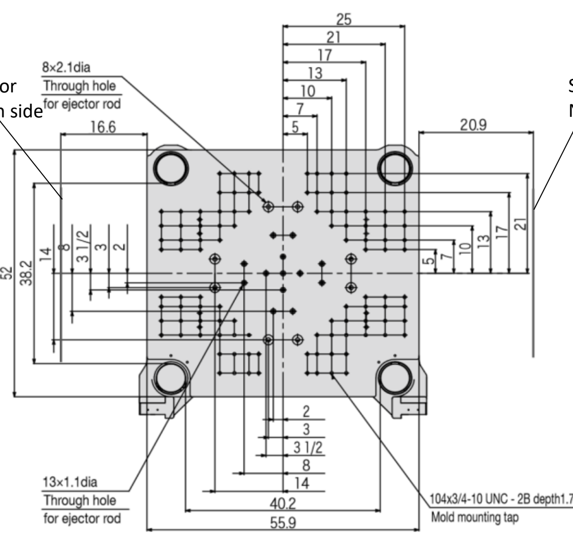



Thread of tip nozzle is "7/8-14UNF-2B"




IM-71-M24-N90
2300H: 22 pads
3100H: 24 pads



# J650ADS

JADS® SERIES

* JSW-America Inventory Spec.

| | Item | Unit | J650ADS | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 2300H | | 3100H | | 3900H | |
| Injection Unit | Screw Diameter | in (mm) | 3.31(84) | 3.62(92) | 3.62(92) | 3.94(100) | 3.94(100) | 4.33(110) |
| | Screw Stroke | in (mm) | 16.536 (420) | | 18.111 (460) | | 19.685 (500) | |
| | Theoretical Injection Capacity | $in^3$ | 142.1 | 170.4 | 186.6 | 220.5 | 239.7 | 290.0 |
| | Injection Capacity (GP-PS) | oz | 74.7 | 89.6 | 98.2 | 116.0 | 126.1 | 152.5 |
| | Injection Pressure (Max.) | psi | 27500 | 22800 | 26800 | 22600 | 26800 | 22100 |
| | Holding Pressure (Max.) | psi | 24800 | 20500 | 24200 | 20300 | 24200 | 20000 |
| | Injection Speed | in/s | 6.30 | | 6.30 | | 6.30 | |
| | Injection Rate | $in^3/s$ | 54.1 | 64.9 | 64.9 | 76.7 | 76.7 | 92.8 |
| | Plasticizing Rate (GP-PS) | oz/s | 4.41 | 4.61 | 5.00 | 5.19 | 5.68 | 5.98 |
| | Screw Speed | rpm | 205 | 185 | 185 | 170 | 170 | 155 |
| Clamping Unit | Mechanism | - | Double Toggle | | | | | |
| | Clamping Force | US ton | 716 | | | | | |
| | Daylight Opening (Max.) | in (mm) | 86.6 (2200)* | | | | | |
| | Opening Stroke (Max.) | in (mm) | 39.4 (1000) | | | | | |
| | Mold Height | in (mm) | 19.7 - 47.2 (500 - 1200)* | | | | | |
| | Distance between Tie-Bars (H x V) | in (mm) | 44.1 x 42.1 (1120 x 1070) | | | | | |
| | Platen Size (H x V) | in (mm) | 61.0 x 57.1 (1550 x 1450) | | | | | |
| | Ejector Force | US ton | 21.4 | | | | | |
| | Ejector Stroke | in (mm) | 7.874 (200) | | | | | |
| | Locating Ring Diameter | in (mm) | 4.0 (101.6)* | | | | | |
| General | Machine Weight | US ton | 38.7* | | 40.9* | | 42* | |
| | Machine Dimensions (L) | ft | 31.33* | | 32.15* | | 33.63* | |
| | Machine Dimensions (W x H) | ft | 8.69 x 7.87 | | | | 8.69 x 8.27 | |
| | Breaker Amperage | AT/AF | 125* | | 150* | | 175* | |
| | Voltage | V | 480 | | | | | |
| | Total Power Capacity | kVA | 66* | | 75* | | 92* | |

Remarks:

1 Maximum Injection Pressure and maximum holding pressure may be restricted due to molding conditions.
2 Maximum Injection Rate may be restricted due to molding conditions.
3 Theoretical injection capacity is (cross sectional area of barrel) x (stroke of screw).
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6 Polycarbonate, PVC, other engineering plastic, etc., low temperature setting and high speed molding may require a high torque depending on the grade or molding conditions. Please contact us if you plan.
7 Please refer to machine manual for minimum mold size and maximum weight.
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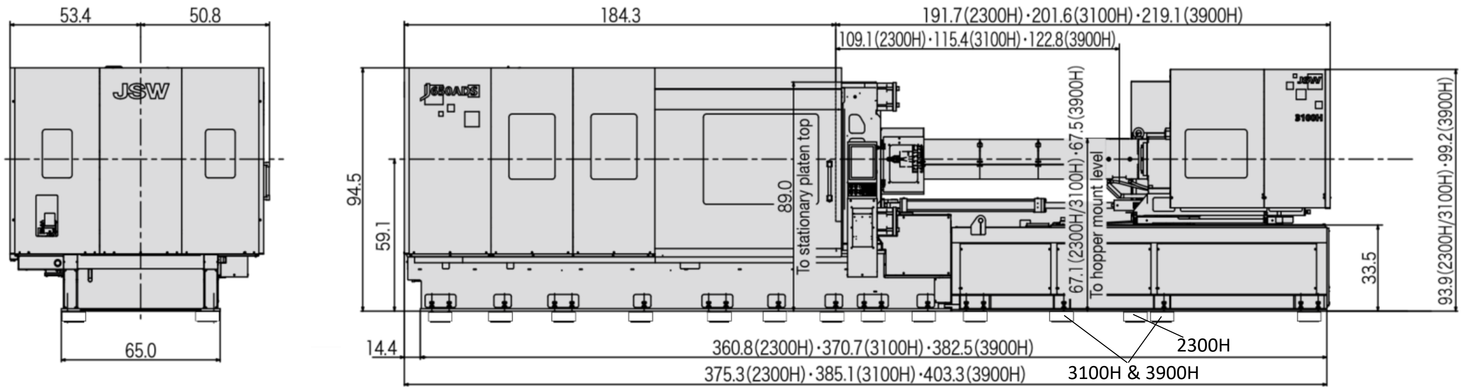
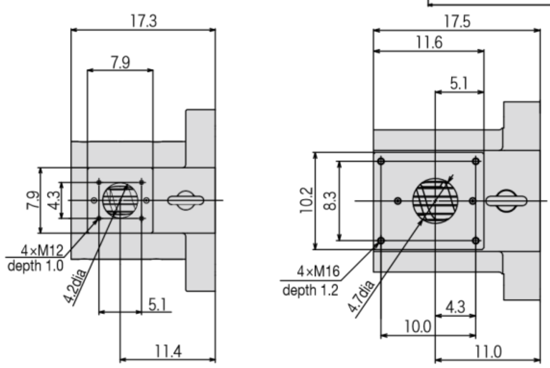
# J650ADS

JADS® SERIES

Unit: inch

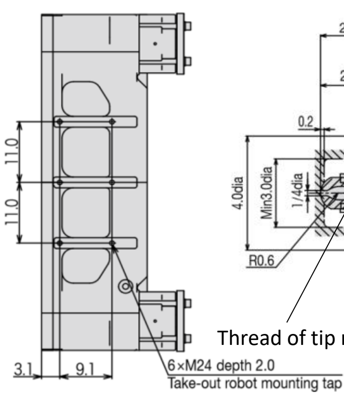


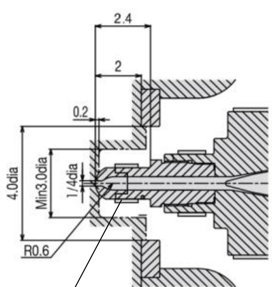

2300H/3100H

3900H

Top of hopper frange




Top of stationary platen

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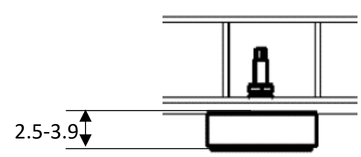
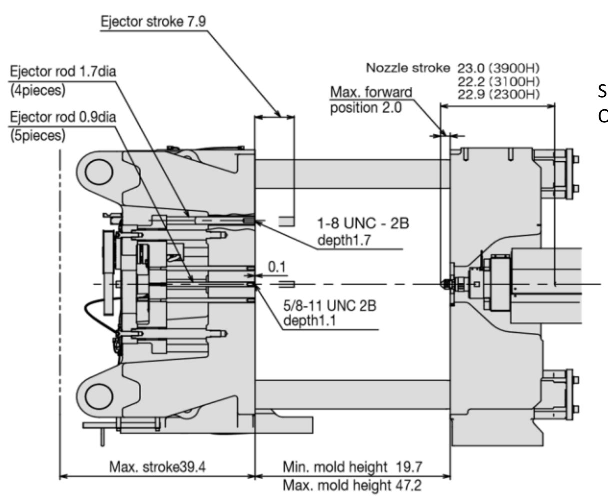
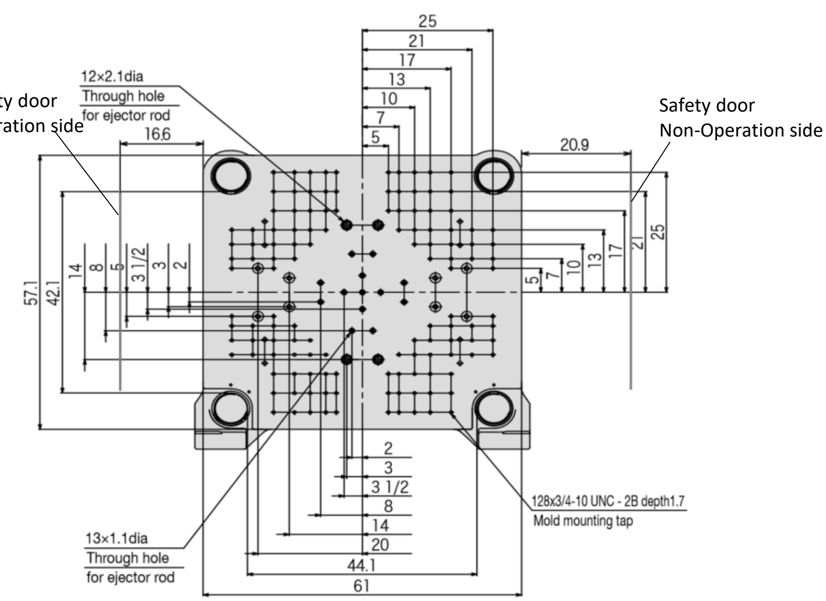



IM-71-M24-N90
2300H: 24 pads
3100H: 26 pads
3900H: 26 pads



# J850ADSW

JADS® SERIES

* JSW-America Inventory Spec.

| | Item | Unit | J850ADSW | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 3100H | | 3900H | | 5200H | |
| Injection Unit | Screw Diameter | in (mm) | 3.62(92) | 3.94(100) | 3.94(100) | 4.33(110) | 4.33(110) | 4.72(120) |
| | Screw Stroke | in (mm) | 18.111 (460) | | 19.685 (500) | | 21.654 (550) | |
| | Theoretical Injection Capacity | $in^3$ | 186.6 | 220.5 | 239.7 | 290.0 | 319.0 | 379.6 |
| | Injection Capacity (GP-PS) | oz | 98.2 | 116.0 | 126.1 | 152.5 | 167.8 | 199.7 |
| | Injection Pressure (Max.) | psi | 26800 | 22600 | 26800 | 22100 | 26100 | 21900 |
| | Holding Pressure (Max.) | psi | 24200 | 20300 | 24200 | 20000 | 23500 | 19700 |
| | Injection Speed | in/s | 6.30 | | 6.30 | | 5.91 | |
| | Injection Rate | $in^3/s$ | 64.9 | 76.7 | 76.7 | 92.8 | 87.0 | 103.4 |
| | Plasticizing Rate (GP-PS) | oz/s | 5.00 | 5.19 | 5.68 | 5.98 | 6.27 | 6.66 |
| | Screw Speed | rpm | 185 | 170 | 170 | 155 | 155 | 145 |
| Clamping Unit | Mechanism | - | Double Toggle | | | | | |
| | Clamping Force | US ton | 936 | | | | | |
| | Daylight Opening (Max.) | in (mm) | 98.4 (2500)* | | | | | |
| | Opening Stroke (Max.) | in (mm) | 47.2 (1200) | | | | | |
| | Mold Height | in (mm) | 21.7 - 51.2 (550 - 1300)* | | | | | |
| | Distance between Tie-Bars (H x V) | in (mm) | 53.9 x 52.0 (1370 x 1320) | | | | | |
| | Platen Size (H x V) | in (mm) | 72.8 x 68.5 (1850 x 1740) | | | | | |
| | Ejector Force | US ton | 25.9 | | | | | |
| | Ejector Stroke | in (mm) | 7.874 (200) | | | | | |
| | Locating Ring Diameter | in (mm) | 5.0 (127)* | | | | | |
| General | Machine Weight | US ton | 57.5* | | 58.6* | | 60.8* | |
| | Machine Dimensions (L) | ft | 34.65* | | 36.12* | | 36.84* | |
| | Machine Dimensions (W x H) | ft | 10.17 x 8.76 | | | | | |
| | Breaker Amperage | AT/AF | 150* | | 175* | | 175* | |
| | Voltage | V | 480 | | | | | |
| | Total Power Capacity | kVA | 76* | | 93* | | 97* | |

Remarks:

1 Maximum Injection Pressure and maximum holding pressure may be restricted due to molding conditions.
2 Maximum Injection Rate may be restricted due to molding conditions.
3 Theoretical injection capacity is (cross sectional area of barrel) x (stroke of screw).
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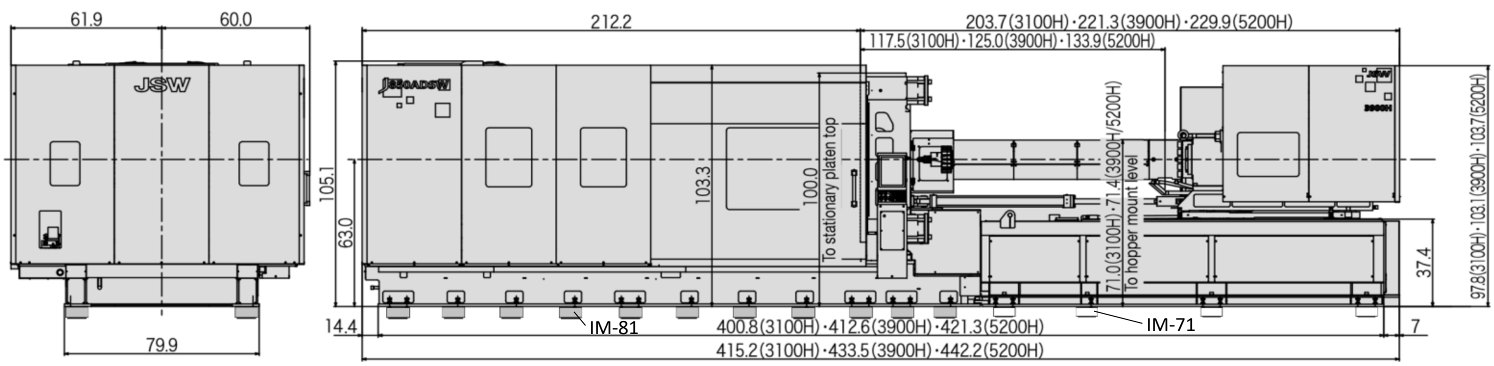
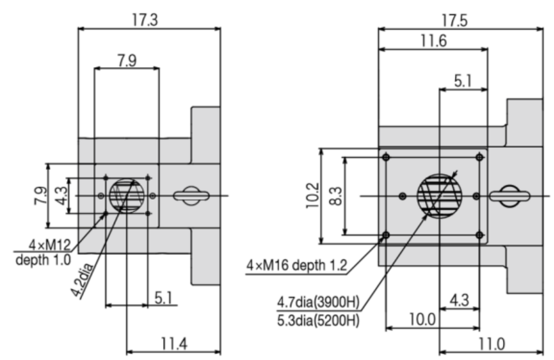
# J850ADSW

JADS® SERIES

Unit: inch

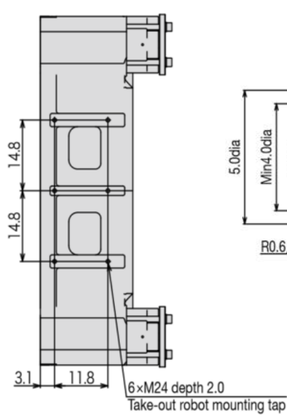


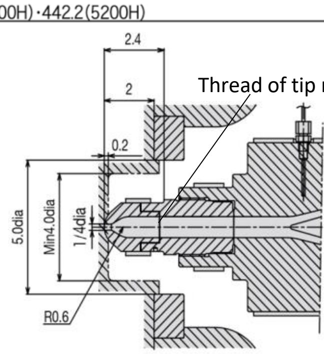

3100H

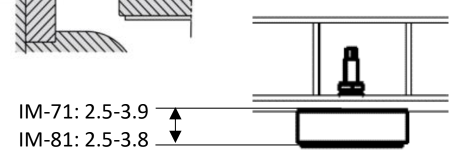
3900H/5200H

Top of hopper frange




Top of stationary platen




IM-71-M24-N90: 8 pads

IM-81-M24-N90: 22 pads