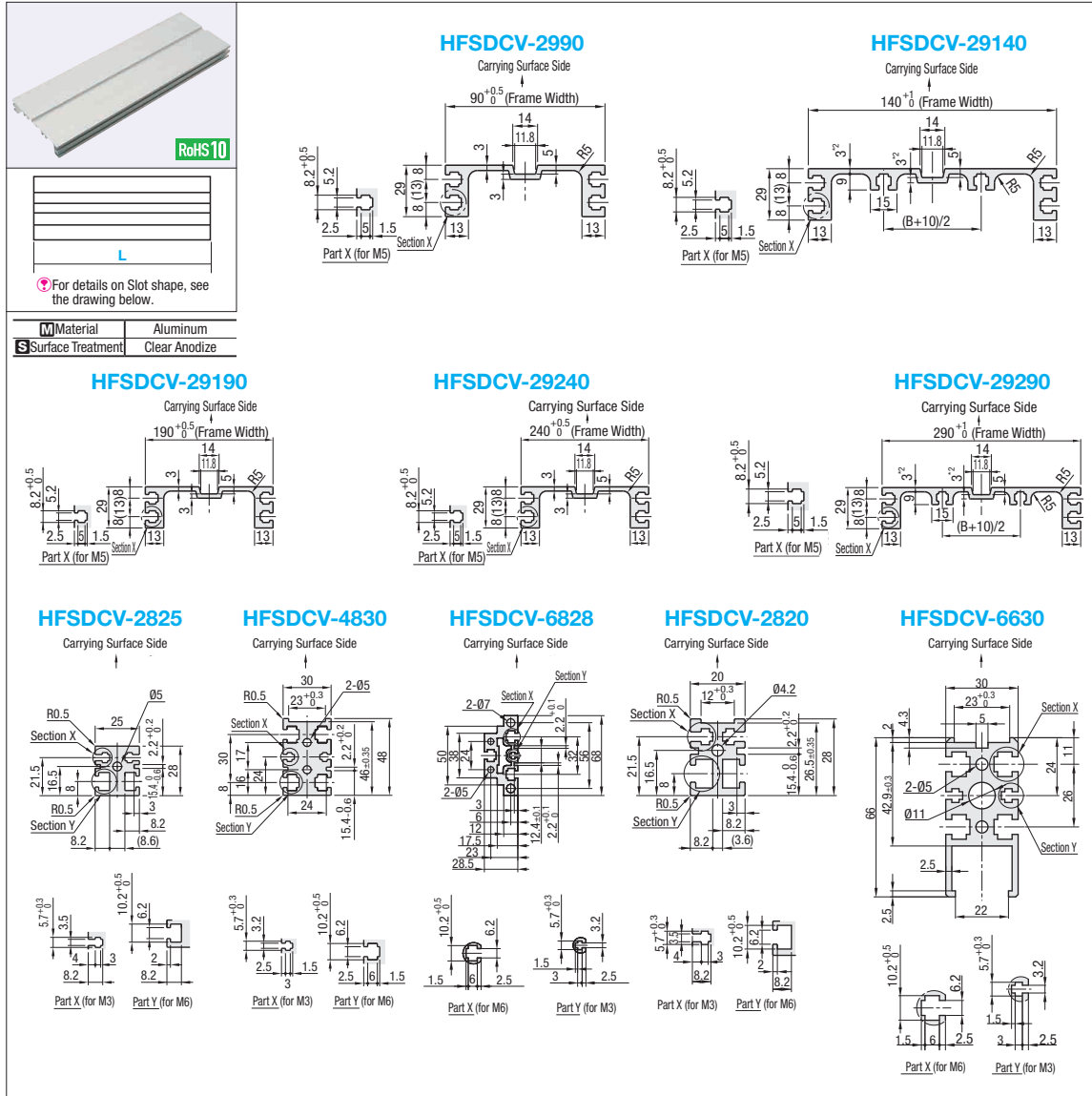


Conveyor Aluminum Extrusion

Dedicated web site <http://fa.misumi.jp/cvs/>
 Conveyor selecting, component purchases, and
 easy search for maintenance parts are available.



| Part Number | L | Applicable | Max. Belt | Mass | Sectional Area | Moment of Inertia of Area | | |
|-------------|----------|------------|-----------|------|-----------------|---------------------------|-------------------------|-----------------------|
| Type | No. | Conveyors | Width | kg/m | mm ² | I_x I_y | | |
| HFSDCV | 2990 | SVKA | 50 | 1.99 | 733 | 6.35x10 ⁴ | 80.05x10 ⁴ | |
| | 29140 | | 100 | 2.94 | 1,081 | 7.66x10 ⁴ | 252.97x10 ⁴ | |
| | 29190 | | 150 | 3.35 | 1,231 | 8.40x10 ⁴ | 534.16x10 ⁴ | |
| | 29240 | | 200 | 4.28 | 1,573 | 9.26x10 ⁴ | 1028.47x10 ⁴ | |
| | 29290 | | 250 | 4.82 | 1,773 | 9.72x10 ⁴ | 1662.85x10 ⁴ | |
| | 2825 | 100~3000 | CVSFA | - | 1.19 | 440 | 3.425x10 ⁴ | 1.875x10 ⁴ |
| | | | CVSFC | | | | | |
| | | | CVSJA | | | | | |
| | | | CVGA | | | | | |
| | | | CVGB | | | | | |
| | | | CVSFB | | | | | |
| | | | CVSFD | | | | | |
| | | | CVSSA | | | | | |
| | | | CVGC | | | | | |
| | | | CVGD | | | | | |
| CVGN | | | | | | | | |
| CVGP | | | | | | | | |
| CVGR | | | | | | | | |
| CVGW | | | | | | | | |
| CVGTB | | | | | | | | |
| CVGTP | | | | | | | | |
| CVSTC-20 | | | | | | | | |
| CVSTR-20 | | | | | | | | |
| 6828 | 90~3000 | CVSMA | - | 2.37 | 879 | 6.11x10 ⁴ | 29.45x10 ⁴ | |
| 2820 | 100~3000 | CVSTC-10 | 10 | 0.78 | 287 | 2.21x10 ⁴ | 0.92x10 ⁴ | |
| 6630 | | CVSPA | 20 | 2.3 | 851 | 23.74x10 ⁴ | 7.36x10 ⁴ | |

Ordering Example

Part Number
Type - **No.** - **L**
 HFSDCV - 2990 - 500

| Part Number | Type | L90 | L305 | L405 | L505 | L605 | L705 | L805 | L905 | L1005 | L1105 | L1205 | L1305 | L1405 | L1505 | L1605 | L1705 | L1805 | L1905 | L2005 | L2105 | L2205 | L2305 | L2405 | L2505 | L2605 | L2705 | L2805 | L2905 | |
|-------------|------|-----|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|
| 2990 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 29140 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 29190 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 29240 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 29290 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2825 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4830 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6828 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2820 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6630 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Alterations

Part Number
Type - **No.** - **L** - (NA1, NA2, NB1, NB2...etc.)
 HFSDCV - 4830 - 1000 - NE1

| Alterations | Code | Spec. | Alterations | Code | Spec. |
|--|----------|--|--|----------|---|
| | Left End | Right End | | Left End | Right End |
| Dual End Slope Alterations for Timing Belt Support | SL | Alterations for adding a slope to both ends of the frame for belt support for Timing Belt Conveyors. Ordering Code: SL Applicable to CVSTA / CVSTB / CVSTN / CVSTP / CVSTC / CVSTR / CVGTA / CVGTB / CVGTN / CVGTP Conveyor Models | Notching/through hole machining is done for mounting conveyor pulley holder. | ND1 | Ordering Code: ND1 Applicable to CVSFA / CVSFC / CVSJA Conveyor Models |
| 2-M6 Depth 12 (Same Machining on the Opposite Surface) | TFA | Alterations for adding tapped holes to the cross-section of both ends of the frame. Ordering Code: TFA Applicable to CVSA / CVSN Conveyor Models | Notching/through hole machining is done for mounting conveyor pulley holder. | NE1 | Ordering Code: NE1 Applicable to CVSFB / CVSFD Conveyor Models |
| 2-M6 Depth 12 (Same Machining on the Opposite Surface) | TFB | Alterations for adding tapped holes to the cross-section of both ends of the frame. Ordering Code: TFB Applicable to CVSB / CVSP Conveyor Models | Notch machining is done for mounting conveyor pulley holder. | NL1 | Ordering Code: NL1 Applicable to CVSTR-20 Conveyor Model |
| 4-M6 Depth 16 (Same Machining on the Opposite Surface) | TFC | Alterations for adding tapped holes to the cross-section of both ends of the frame. Ordering Code: TFC Applicable to CVSMA Conveyor Model | Counterboring Frame 2-Slot Type | YA | For frame 2-Slot type, counter bores for M3 and M6 are machined in that order from the top. For frame 3-Slot type, counterbores for M6, M3 and M6 are machined in that order from the top. Slot Size Counterbore Dia. For M3 7.1 For M6 12.1 Ordering Code: YA30-YB60-H3.0-J3.0-K3.0 |
| 2-M6 Depth 25 (Same Machining on the Opposite Surface) | TTA | Alterations for adding tapped holes to the cross-section of both ends of the frame. Ordering Code: TTA Applicable to CVSTA / CVSTN / CVSTC-10 Conveyor Models | Frame 3-Slot Type | YP | Specify positions for counterbores from the left end using YA, YB, YC, and YD. For positions from the right end, use YP, YQ, YR, and YS. YA, YB, YC, YD, YP, YQ, YR, YS = 0.5mm Increment 7<YA, YB, YC, YD, YP, YQ, YR, YS<=L-7 Counterbored Hole Depth = 0.5mm Increment 2.0<H, J, K<5.0 Specify counterbore depths H, J, K for each line hole. When several holes are machined horizontally, counterbore depth will be the same. YP, YQ, YR, and YS are only applicable to HFSDCV-2820 and HFSDCV-4830. |
| 4-M6 Depth 25 (Same Machining on the Opposite Surface) | TTB | Alterations for adding tapped holes to the cross-section of both ends of the frame. Ordering Code: TTB Applicable to CVSD / CVSW / CVSFB / CVSFD / CVSSA / CVSTB / CVSTP / CVSTC-20 Conveyor Models | Holes for joint plate are machined on the frame surface. | JA1 | Ordering Code: JA1 |
| 4-M6 Depth 18 (Same Machining on the Opposite Surface) | TPA | Alterations for adding tapped holes to the cross-section of both ends of the frame. Ordering Code: TPA Applicable to CVSPA Conveyor Model | Holes for joint plate are machined on the frame surface. | JB1 | Ordering Code: JB1 |
| Notching/through hole machining is done for mounting conveyor pulley holder. | NA1 | Ordering Code: NA1 | | | |
| Notching/through hole machining is done for mounting conveyor pulley holder. | NB1 | Ordering Code: NB1 | | | |