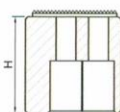
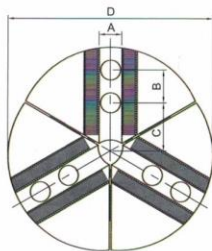




## Round Disc Soft Jaw

**NEW**



**MATERIAL : STEEL S45C**

### FAETURES

- This type of soft jaw can cover the outerdie of workpiece to decrease deformation and in crease the accuracy.
- For example : VFRD-8 can hold parts with outer dia. of 200 mm.
- Pie Jaw are suitable for extra bigger outer dia.(thin wall)
- To suit kitagawa and other famous chucks.
- Pie shspe soft jaw

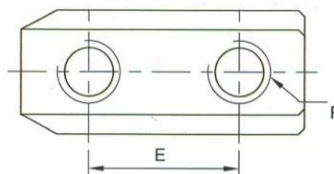
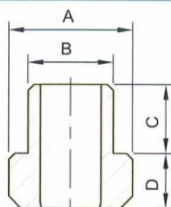
Unit:mm

| ORDER NO. | D   | A  | B  | C    | H  | THREAD | THRU HOLE | SERRATION PITCH | WEIGHT (kg) | CODE NO. |
|-----------|-----|----|----|------|----|--------|-----------|-----------------|-------------|----------|
| VFRD-6    | 169 | 12 | 20 | 49.5 | 36 | M10    | 25        | 1.5x60°         | 6.12        | 5002-381 |
| VFRD-8    | 200 | 14 | 25 | 51   | 40 | M12    |           |                 | 9.64        | 5002-382 |
| VFRD-9    | 200 | 14 | 25 | 51   | 50 | M12    |           |                 | 13.2        | 5002-383 |
| VFRD-10   | 250 | 16 | 30 | 65   | 50 | M12    |           |                 | 18.1        | 5002-384 |
| VFRD-12   | 300 | 21 | 30 | 81   | 50 | M16    |           |                 | 25.8        | 5002-385 |



## T Nut For Hydraulic Chuck

**NEW**



- For connect power chuck and soft jaws, suit for JAPANESE & TAIWANNES brands chuck.

### For Kitagawa B-200 Series & Taiwannes Power Chuck

| ORDER NO. | CHUCK SIZE | A    | B  | C    | D    | E  | F   | WEIGHT (kg) | CODE NO. |
|-----------|------------|------|----|------|------|----|-----|-------------|----------|
| B-205T    | 5"         | 14   | 10 | 9.5  | 5    | 14 | M8  | 0.1         | 5002-390 |
| B-206T    | 6"         | 17.5 | 12 | 11   | 7.5  | 20 | M10 | 0.1         | 5002-391 |
| B-208T    | 8"         | 20.5 | 14 | 12   | 8.5  | 25 | M12 | 0.2         | 5002-392 |
| B-210T    | 10"        | 22.5 | 16 | 13   | 8.5  | 30 | M12 | 0.3         | 5002-393 |
| B-212T    | 12"        | 28   | 21 | 16.5 | 11.5 | 30 | M16 | 0.6         | 5002-394 |



## Hard Jaws For Hydraulic Power Chucks



Fig-1

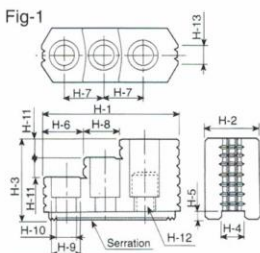
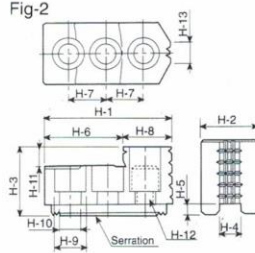


Fig-2



### DIMENSIONS

| ORDER NO. | Dim  | H-1 | H-2  | H-3  | H-4 | H-5  | H-6 | H-7  | H-8  | H-9 | H-10 | H-11 | H-12 | H-13    | Serration Pitch | Matching Chuck | 3-Jaw Weight (kgs) | CODE NO. |
|-----------|------|-----|------|------|-----|------|-----|------|------|-----|------|------|------|---------|-----------------|----------------|--------------------|----------|
| HJ05      | 53   | 23  | 27.5 | 10   | 4   | 30.5 | 14  | 22.5 | 13.5 | 8.5 | 10   | M8   | 6    | 1.5x60° | Fig-2           | N-205          | 0.4                | 5002-401 |
| HJ06      | 67.5 | 31  | 35   | 12   | 5   | 39.5 | 20  | 27.5 | 17   | 11  | 12   | M10  | 16   | 1.5x60° | Fig-2           | N-206.V-206    | 1.0                | 5002-402 |
| HJ08      | 86   | 35  | 51   | 14   | 5   | 31   | 25  | 18   | 19   | 13  | 12   | M12  | 12   | 1.5x60° | Fig-1           | N-208.V-208    | 1.9                | 5002-403 |
| HJ10      | 99.5 | 40  | 54   | 16   | 5   | 43   | 30  | 17   | 19   | 13  | 13   | M12  | 15   | 1.5x60° | Fig-1           | N-210.V-210    | 2.9                | 5002-404 |
| HJ12      | 103  | 50  | 52   | 21   | 4   | 62.5 | 30  | 40.5 | 25   | 17  | 17   | M16  | 30   | 1.5x60° | Fig-2           | N-212          | 2.65               | 5002-405 |
| HJ12-1    | 103  | 50  | 52   | 18   | 5   | 62.5 | 30  | 40.5 | 22   | 15  | 17   | M14  | 30   | 1.5x60° | Fig-2           | V-212          | 2.7                | 5002-406 |
| HJ15      | 149  | 62  | 86   | 22   | 8   | 63   | 43  | 34   | 32   | 21  | 20   | M20  | 40   | 1.5x60° | Fig-1           | N-215          | 9.6                | 5002-407 |
| HJ15-1    | 149  | 62  | 86   | 25.5 | 5   | 63   | 43  | 34   | 32   | 21  | 20   | M20  | 40   | 1.5x60° | Fig-1           | V-215          | 9.5                | 5002-408 |

Unit:mm