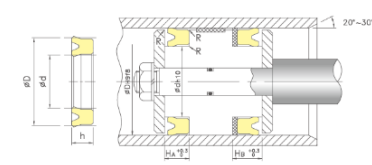


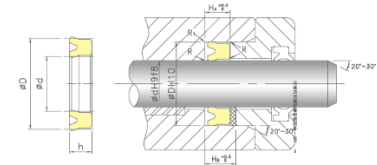
# Piston/Rod Seals

## HUN Type

Material : TPU / 8L953  
Hardness : 93 Shore A  
Adaptable Temp °C : -20°C ~ 100°C



$R \leq 0.3$   
Piston  $\varnothing D$  Surface Roughness: 0.4~3.2  $\mu$  mRmax  
(0.1~0.8  $\mu$  mRa)



$R \leq 0.3, R1 \leq 0.5$   
Rod  $\varnothing d$  Surface Roughness: 0.8~1.6  $\mu$  mRmax  
(0.2~0.4  $\mu$  mRa)

| Type | $\varnothing d$ | $\varnothing D$ | h   | HA  |
|------|-----------------|-----------------|-----|-----|
| HUN  | 4               | 10              | 4   | 4.5 |
|      | 4               | 10              | 6   | 7   |
|      | 4               | 11              | 5   | 6   |
|      | 4               | 12              | 4   | 4.5 |
|      | 4               | 12              | 5   | 6   |
|      | 4               | 14              | 4   | 4.5 |
|      | 4.5             | 9.5             | 4   | 4.5 |
|      | 4.5             | 11              | 4.5 | 5   |
|      | 4.5             | 11              | 5   | 5.5 |
|      | 5               | 11              | 8   | 9   |
|      | 5               | 12              | 4   | 4.5 |
|      | 5               | 12              | 5   | 6   |
|      | 5               | 12              | 5.5 | 6.5 |
|      | 5               | 12              | 6   | 7   |
|      | 5               | 12              | 8   | 9   |
|      | 5               | 14              | 4.5 | 5.5 |
|      | 5               | 14              | 6   | 7   |
|      | 5               | 14              | 8   | 9   |
|      | 5               | 16              | 6   | 7   |
|      | 5               | 16              | 8   | 9   |
|      | 6               | 10              | 4.2 | 4.5 |
|      | 6               | 12              | 4   | 4.5 |
|      | 6               | 12              | 5   | 6   |
|      | 6               | 12              | 5.5 | 6.5 |
|      | 6               | 12              | 6   | 7   |
|      | 6               | 12              | 8   | 9   |
|      | 6               | 13              | 5   | 6   |
|      | 6               | 13              | 8   | 9   |
|      | 6               | 13.5            | 5   | 6   |

| Type | $\varnothing d$ | $\varnothing D$ | h   | HA  |
|------|-----------------|-----------------|-----|-----|
| HUN  | 6               | 14              | 5   | 6   |
|      | 6               | 14              | 6   | 7   |
|      | 6               | 14              | 8   | 9   |
|      | 6               | 15              | 6   | 7   |
|      | 6               | 16              | 6   | 7   |
|      | 6               | 16              | 8   | 9   |
|      | 6.3             | 16.3            | 8   | 9   |
|      | 7               | 15              | 6   | 7   |
|      | 7.1             | 17.1            | 8   | 9   |
|      | 8               | 12              | 5   | 6   |
|      | 8               | 14              | 4   | 5   |
|      | 8               | 14              | 6   | 7   |
|      | 8               | 14              | 8   | 9   |
|      | 8               | 15              | 5   | 6   |
|      | 8               | 15              | 6   | 7   |
|      | 8               | 15              | 8   | 9   |
|      | 8               | 16              | 4   | 5   |
|      | 8               | 16              | 5   | 6   |
|      | 8               | 16              | 5.7 | 6.3 |
|      | 8               | 16              | 6   | 7   |
|      | 8               | 16              | 8   | 9   |
|      | 8               | 18              | 5   | 6   |
|      | 8               | 18              | 8   | 9   |
|      | 8               | 19              | 8   | 9   |
|      | 8               | 22              | 10  | 11  |
|      | 9               | 16              | 6   | 7   |
|      | 9               | 19              | 6   | 7   |
|      | 9               | 19              | 8   | 9   |
|      | 10              | 14              | 2.5 | 3   |

## Piston/Rod Seals

| Type | Ø d  | Ø D  | h   | HA  |
|------|------|------|-----|-----|
| HUN  | 10   | 14   | 3   | 3.5 |
|      | 10   | 14   | 4   | 5   |
|      | 10   | 15   | 3   | 4   |
|      | 10   | 15   | 4   | 5   |
|      | 10   | 16   | 4   | 5   |
|      | 10   | 16   | 4.5 | 5.5 |
|      | 10   | 16   | 5.5 | 6.5 |
|      | 10   | 16   | 6   | 7   |
|      | 10   | 16   | 8   | 9   |
|      | 10   | 16   | 10  | 11  |
|      | 10   | 18   | 5   | 6   |
|      | 10   | 18   | 5.5 | 6.5 |
|      | 10   | 18   | 6   | 7   |
|      | 10   | 18   | 8   | 9   |
|      | 10   | 19   | 6   | 7   |
|      | 10   | 19   | 8   | 9   |
|      | 10   | 20   | 5   | 6   |
|      | 10   | 20   | 6   | 7   |
|      | 10   | 20   | 7   | 8   |
|      | 10   | 20   | 8   | 9   |
|      | 10   | 22   | 6   | 7   |
|      | 10   | 22   | 8   | 9   |
|      | 11   | 16   | 4   | 4.5 |
|      | 11   | 17   | 4   | 5   |
|      | 11   | 17   | 4.5 | 5.5 |
|      | 11.2 | 19.2 | 5   | 6   |
|      | 11.2 | 21.2 | 8   | 9   |
|      | 12   | 16   | 4   | 5   |
|      | 12   | 16   | 5   | 6   |
|      | 12   | 16   | 6   | 7   |
|      | 12   | 17   | 4   | 4.5 |
|      | 12   | 18   | 4   | 5   |
|      | 12   | 18   | 4.5 | 5.5 |
|      | 12   | 18   | 5   | 6   |
|      | 12   | 18   | 6   | 7   |
|      | 12   | 18   | 8   | 9   |

| Type | Ø d  | Ø D  | h   | HA  |
|------|------|------|-----|-----|
| HUN  | 12   | 19   | 5   | 6   |
|      | 12   | 20   | 4   | 5   |
|      | 12   | 20   | 5   | 6   |
|      | 12   | 20   | 5.5 | 6.5 |
|      | 12   | 20   | 6   | 7   |
|      | 12   | 20   | 7   | 8   |
|      | 12   | 20   | 8   | 9   |
|      | 12   | 22   | 5   | 6   |
|      | 12   | 22   | 6   | 7   |
|      | 12   | 22   | 7   | 8   |
|      | 12   | 22   | 8   | 9   |
|      | 12   | 24   | 6   | 7   |
|      | 12   | 24   | 8   | 9   |
|      | 12   | 25   | 8   | 9   |
|      | 12   | 25   | 10  | 11  |
|      | 12   | 26   | 10  | 11  |
|      | 12.5 | 22.5 | 8   | 9   |
|      | 13   | 20   | 5   | 6   |
|      | 13   | 21   | 5   | 6   |
|      | 13   | 24   | 6   | 7   |
|      | 14   | 20   | 5   | 6   |
|      | 14   | 20   | 6   | 7   |
|      | 14   | 20   | 8   | 9   |
|      | 14   | 21   | 5   | 6   |
|      | 14   | 22   | 4   | 5   |
|      | 14   | 22   | 5   | 6   |
|      | 14   | 22   | 6   | 7   |
|      | 14   | 22   | 8   | 9   |
|      | 14   | 24   | 5   | 6   |
|      | 14   | 24   | 8   | 9   |
|      | 14   | 25   | 5   | 6   |
|      | 14   | 25   | 5.5 | 6.5 |
|      | 14   | 25   | 8   | 9   |
|      | 14   | 26   | 5   | 6   |
|      | 14   | 28   | 10  | 11  |
|      | 14   | 30   | 5   | 6   |

## Piston/Rod Seals

| Type | Ø d  | Ø D  | h   | HA  |
|------|------|------|-----|-----|
| HUN  | 15   | 21   | 4   | 5   |
|      | 15   | 22   | 5   | 6   |
|      | 15   | 22   | 5.5 | 6.5 |
|      | 15   | 22   | 6   | 7   |
|      | 15   | 22   | 8   | 9   |
|      | 15   | 23   | 5   | 6   |
|      | 15   | 25   | 5   | 6   |
|      | 15   | 25   | 6   | 7   |
|      | 15   | 25   | 7   | 8   |
|      | 15   | 25   | 8   | 9   |
|      | 15   | 25   | 10  | 11  |
|      | 15   | 26   | 5   | 6   |
|      | 15   | 27   | 7   | 8   |
|      | 15   | 30   | 8   | 9   |
|      | 15   | 30   | 10  | 11  |
|      | 15.4 | 25.5 | 6.5 | 7.5 |
|      | 15.8 | 20   | 3   | 4   |
|      | 16   | 20   | 6   | 7   |
|      | 16   | 22   | 4   | 4.5 |
|      | 16   | 22   | 4.5 | 5.5 |
|      | 16   | 22   | 5   | 6   |
|      | 16   | 22   | 6   | 7   |
|      | 16   | 22   | 7   | 8   |
|      | 16   | 22   | 8   | 9   |
|      | 16   | 24   | 4   | 5   |
|      | 16   | 24   | 5   | 6   |
|      | 16   | 24   | 6   | 7   |
|      | 16   | 24   | 8   | 9   |
|      | 16   | 24   | 9   | 10  |
|      | 16   | 25   | 5   | 6   |
|      | 16   | 25   | 6   | 7   |
|      | 16   | 26   | 5   | 6   |
|      | 16   | 26   | 6   | 7   |
|      | 16   | 26   | 7   | 8   |
|      | 16   | 26   | 8   | 9   |
|      | 16   | 26   | 10  | 11  |

| Type | Ø d | Ø D  | h   | HA  |
|------|-----|------|-----|-----|
| HUN  | 16  | 28   | 6   | 7   |
|      | 16  | 30   | 5   | 6   |
|      | 16  | 30   | 6   | 7   |
|      | 16  | 31   | 7   | 8   |
|      | 16  | 32   | 8   | 9   |
|      | 16  | 36   | 5   | 6   |
|      | 17  | 25   | 5   | 6   |
|      | 17  | 25   | 5.5 | 6.5 |
|      | 17  | 26   | 6   | 7   |
|      | 17  | 27   | 5   | 6   |
|      | 17  | 27   | 6   | 7   |
|      | 17  | 30   | 6   | 7   |
|      | 17  | 30   | 7   | 8   |
|      | 17  | 32   | 7   | 8   |
|      | 18  | 22   | 8   | 9   |
|      | 18  | 24   | 5   | 6   |
|      | 18  | 24   | 6   | 7   |
|      | 18  | 24   | 8   | 9   |
|      | 18  | 25   | 5   | 6   |
|      | 18  | 25   | 6   | 7   |
|      | 18  | 25.5 | 5   | 6   |
|      | 18  | 26   | 5   | 6   |
|      | 18  | 26   | 6   | 7   |
|      | 18  | 26   | 7   | 8   |
|      | 18  | 26   | 8   | 9   |
|      | 18  | 28   | 5   | 6   |
|      | 18  | 28   | 6   | 7   |
|      | 18  | 28   | 8   | 9   |
|      | 18  | 30   | 5   | 6   |
|      | 18  | 30   | 6   | 7   |
|      | 18  | 30   | 8   | 9   |
|      | 18  | 30   | 10  | 11  |
|      | 18  | 31   | 8   | 9   |
|      | 18  | 32   | 7   | 8   |
|      | 18  | 34   | 8   | 9   |
|      | 18  | 38   | 6   | 7   |

## Piston/Rod Seals

| Type | Ø d | Ø D  | h   | HA  |
|------|-----|------|-----|-----|
| HUN  | 19  | 25   | 5   | 6   |
|      | 19  | 25   | 6   | 7   |
|      | 19  | 25   | 7   | 8   |
|      | 19  | 26   | 5   | 6   |
|      | 19  | 26   | 7   | 8   |
|      | 19  | 34   | 8   | 9   |
|      | 20  | 25   | 5   | 6   |
|      | 20  | 26   | 3   | 4   |
|      | 20  | 26   | 3.2 | 4   |
|      | 20  | 26   | 3.3 | 4   |
|      | 20  | 26   | 5   | 6   |
|      | 20  | 26   | 6   | 7   |
|      | 20  | 26   | 7   | 8   |
|      | 20  | 27   | 6   | 7   |
|      | 20  | 28   | 4   | 5   |
|      | 20  | 28   | 4.5 | 5.5 |
|      | 20  | 28   | 5   | 6   |
|      | 20  | 28   | 5.5 | 6.5 |
|      | 20  | 28   | 6   | 7   |
|      | 20  | 28   | 7   | 8   |
|      | 20  | 28   | 8   | 9   |
|      | 20  | 30   | 5   | 6   |
|      | 20  | 30   | 6   | 7   |
|      | 20  | 30   | 7   | 8   |
|      | 20  | 30   | 8   | 9   |
|      | 20  | 30   | 10  | 11  |
|      | 20  | 31   | 8   | 9   |
|      | 20  | 32   | 6   | 7   |
|      | 20  | 32   | 7   | 8   |
|      | 20  | 32   | 8   | 9   |
|      | 20  | 33   | 5   | 6   |
|      | 20  | 33   | 8   | 9   |
|      | 20  | 33   | 10  | 11  |
|      | 20  | 34.5 | 12  | 13  |
|      | 20  | 35   | 7   | 8   |
|      | 20  | 35   | 8   | 9   |

| Type | Ø d  | Ø D | h   | HA  |
|------|------|-----|-----|-----|
| HUN  | 20   | 35  | 10  | 11  |
|      | 20   | 36  | 8   | 9   |
|      | 20   | 37  | 12  | 13  |
|      | 20   | 38  | 10  | 11  |
|      | 20   | 40  | 8   | 9   |
|      | 20   | 40  | 10  | 11  |
|      | 20   | 40  | 12  | 13  |
|      | 22   | 26  | 2.8 | 3.5 |
|      | 22   | 28  | 4   | 5   |
|      | 22   | 28  | 4.5 | 5.5 |
|      | 22   | 28  | 6   | 7   |
|      | 22   | 28  | 8   | 9   |
|      | 22   | 29  | 5   | 6   |
|      | 22   | 30  | 4   | 5   |
|      | 22   | 30  | 4.5 | 5.5 |
|      | 22   | 30  | 5   | 6   |
|      | 22   | 30  | 6   | 7   |
|      | 22   | 30  | 7   | 8   |
|      | 22   | 30  | 8   | 9   |
|      | 22   | 32  | 5   | 6   |
|      | 22   | 32  | 6   | 7   |
|      | 22   | 32  | 7.2 | 8   |
|      | 22   | 32  | 8   | 9   |
|      | 22   | 32  | 10  | 11  |
|      | 22   | 33  | 10  | 11  |
|      | 22   | 34  | 7   | 8   |
|      | 22   | 34  | 10  | 11  |
|      | 22   | 35  | 6   | 7   |
|      | 22   | 35  | 7   | 8   |
|      | 22   | 35  | 8   | 9   |
|      | 22   | 35  | 10  | 11  |
|      | 22   | 36  | 9   | 10  |
|      | 22   | 38  | 8   | 9   |
|      | 22   | 40  | 10  | 11  |
|      | 22   | 40  | 12  | 13  |
|      | 22.4 | 30  | 5   | 6   |

## Piston/Rod Seals

| Type | Ø d  | Ø D  | h   | HA  |
|------|------|------|-----|-----|
| HUN  | 22.4 | 32.4 | 8   | 9   |
|      | 22.5 | 31.5 | 5   | 6   |
|      | 22.7 | 33   | 5.3 | 6   |
|      | 23   | 35   | 6   | 7   |
|      | 23.5 | 31.5 | 5   | 6   |
|      | 24   | 32   | 4   | 5   |
|      | 24   | 32   | 5   | 6   |
|      | 24   | 32   | 6   | 7   |
|      | 24   | 32   | 7   | 8   |
|      | 24   | 34   | 5   | 6   |
|      | 24   | 34   | 6   | 7   |
|      | 24   | 34   | 7   | 8   |
|      | 24   | 36   | 6   | 7   |
|      | 24   | 36   | 8   | 9   |
|      | 24   | 40   | 9   | 10  |
|      | 25   | 30   | 6   | 7   |
|      | 25   | 31   | 6   | 7   |
|      | 25   | 32   | 4   | 5   |
|      | 25   | 32   | 5   | 6   |
|      | 25   | 32   | 7   | 8   |
|      | 25   | 32   | 8   | 9   |
|      | 25   | 33   | 5   | 6   |
|      | 25   | 33   | 5.5 | 6.5 |
|      | 25   | 33   | 6   | 7   |
|      | 25   | 33   | 7   | 8   |
|      | 25   | 33   | 8   | 9   |
|      | 25   | 33   | 10  | 11  |
|      | 25   | 34   | 5   | 6   |
|      | 25   | 34   | 6   | 7   |
|      | 25   | 35   | 5   | 6   |
|      | 25   | 35   | 6   | 7   |
|      | 25   | 35   | 7   | 8   |
|      | 25   | 35   | 7.3 | 8   |
|      | 25   | 35   | 8   | 9   |
|      | 25   | 35   | 10  | 11  |
|      | 25   | 36   | 6   | 7   |

| Type | Ø d  | Ø D  | h   | HA  |
|------|------|------|-----|-----|
| HUN  | 25   | 37   | 7   | 8   |
|      | 25   | 38   | 7   | 8   |
|      | 25   | 38   | 8   | 9   |
|      | 25   | 38   | 10  | 11  |
|      | 25   | 40   | 6   | 7   |
|      | 25   | 40   | 6.5 | 7.5 |
|      | 25   | 40   | 7   | 8   |
|      | 25   | 40   | 8   | 9   |
|      | 25   | 40   | 10  | 11  |
|      | 25   | 41   | 7   | 8   |
|      | 25   | 42   | 8   | 9   |
|      | 25   | 42   | 9   | 10  |
|      | 25   | 43   | 7   | 8   |
|      | 25   | 43   | 8   | 9   |
|      | 25   | 45   | 7   | 8   |
|      | 25   | 45   | 8   | 9   |
|      | 25   | 45   | 10  | 11  |
|      | 25   | 50   | 10  | 11  |
|      | 25.4 | 30.2 | 6   | 7   |
|      | 26   | 32   | 4.7 | 5.5 |
|      | 26   | 32   | 6   | 7   |
|      | 26   | 34   | 6   | 7   |
|      | 26   | 36   | 6   | 7   |
|      | 26   | 36   | 8   | 9   |
|      | 26   | 36   | 10  | 11  |
|      | 26   | 38   | 8   | 9   |
|      | 26   | 47   | 12  | 13  |
|      | 27   | 35   | 5   | 6   |
|      | 27   | 35   | 10  | 11  |
|      | 27   | 36   | 6   | 7   |
|      | 27   | 37   | 6   | 7   |
|      | 27   | 38   | 7   | 8   |
|      | 28   | 35   | 5   | 6   |
|      | 28   | 35   | 6   | 7   |
|      | 28   | 35.5 | 5   | 6   |
|      | 28   | 36   | 4   | 5   |

## Piston/Rod Seals

| Type | Ø d | Ø D | h   | HA  |
|------|-----|-----|-----|-----|
| HUN  | 28  | 36  | 5   | 6   |
|      | 28  | 36  | 6   | 7   |
|      | 28  | 36  | 7   | 8   |
|      | 28  | 36  | 8   | 9   |
|      | 28  | 36  | 10  | 11  |
|      | 28  | 38  | 5   | 6   |
|      | 28  | 38  | 6   | 7   |
|      | 28  | 38  | 7   | 8   |
|      | 28  | 38  | 7.3 | 8   |
|      | 28  | 38  | 8   | 9   |
|      | 28  | 38  | 10  | 11  |
|      | 28  | 40  | 8   | 9   |
|      | 28  | 40  | 10  | 11  |
|      | 28  | 42  | 7   | 8   |
|      | 28  | 42  | 10  | 11  |
|      | 28  | 43  | 10  | 11  |
|      | 28  | 44  | 8   | 9   |
|      | 28  | 45  | 8   | 9   |
|      | 28  | 50  | 13  | 14  |
|      | 30  | 36  | 6   | 7   |
|      | 30  | 36  | 8   | 9   |
|      | 30  | 37  | 6   | 7   |
|      | 30  | 37  | 8   | 9   |
|      | 30  | 38  | 5   | 6   |
|      | 30  | 38  | 5.7 | 6.3 |
|      | 30  | 38  | 6   | 7   |
|      | 30  | 38  | 7   | 8   |
|      | 30  | 38  | 8   | 9   |
|      | 30  | 39  | 5   | 6   |
|      | 30  | 40  | 5   | 6   |
|      | 30  | 40  | 5.5 | 6.5 |
|      | 30  | 40  | 6   | 7   |
|      | 30  | 40  | 6.5 | 7.5 |
|      | 30  | 40  | 7   | 8   |
|      | 30  | 40  | 7.3 | 8   |
|      | 30  | 40  | 8   | 9   |

| Type | Ø d  | Ø D  | h   | HA   |
|------|------|------|-----|------|
| HUN  | 30   | 40   | 10  | 11   |
|      | 30   | 42   | 5   | 6    |
|      | 30   | 42   | 6   | 7    |
|      | 30   | 42   | 7   | 8    |
|      | 30   | 42   | 8   | 9    |
|      | 30   | 42   | 9   | 10   |
|      | 30   | 42   | 10  | 11   |
|      | 30   | 43   | 6.5 | 7.5  |
|      | 30   | 43   | 10  | 11   |
|      | 30   | 43.6 | 9.5 | 10.5 |
|      | 30   | 44   | 5.5 | 6.5  |
|      | 30   | 45   | 6   | 7    |
|      | 30   | 45   | 8   | 9    |
|      | 30   | 45   | 9   | 10   |
|      | 30   | 45   | 10  | 11   |
|      | 30   | 46   | 10  | 11   |
|      | 30   | 47   | 10  | 11   |
|      | 30   | 48   | 8   | 9    |
|      | 30   | 48   | 10  | 11   |
|      | 30   | 50   | 9   | 10   |
|      | 30   | 50   | 10  | 11   |
|      | 30   | 50   | 11  | 12   |
|      | 30   | 50   | 12  | 13   |
|      | 30   | 52   | 10  | 11   |
|      | 31   | 47   | 10  | 11   |
|      | 31.5 | 41.5 | 6   | 7    |
|      | 31.5 | 44.3 | 9.5 | 10.5 |
|      | 31.5 | 46.5 | 10  | 11   |
|      | 31.8 | 41.3 | 6.3 | 7    |
|      | 32   | 39   | 8   | 9    |
|      | 32   | 40   | 4   | 5    |
|      | 32   | 40   | 5   | 6    |
|      | 32   | 40   | 5.5 | 6.5  |
|      | 32   | 40   | 5.7 | 6.5  |
|      | 32   | 40   | 6   | 7    |
|      | 32   | 40   | 6.3 | 7    |

## Piston/Rod Seals

| Type | Ø d  | Ø D | h   | HA  |
|------|------|-----|-----|-----|
| HUN  | 32   | 40  | 7   | 8   |
|      | 32   | 40  | 8   | 9   |
|      | 32   | 40  | 10  | 11  |
|      | 32   | 42  | 6   | 7   |
|      | 32   | 42  | 7   | 8   |
|      | 32   | 42  | 7.3 | 8   |
|      | 32   | 42  | 8   | 9   |
|      | 32   | 42  | 8.2 | 9   |
|      | 32   | 42  | 10  | 11  |
|      | 32   | 44  | 6.3 | 7.3 |
|      | 32   | 45  | 6   | 7   |
|      | 32   | 45  | 8   | 9   |
|      | 32   | 45  | 10  | 11  |
|      | 32   | 46  | 10  | 11  |
|      | 32   | 47  | 10  | 11  |
|      | 32   | 48  | 8   | 9   |
|      | 32   | 48  | 10  | 11  |
|      | 32   | 50  | 10  | 11  |
|      | 32   | 52  | 10  | 11  |
|      | 32.5 | 38  | 8   | 9   |
|      | 33   | 39  | 8   | 9   |
|      | 33   | 40  | 8   | 9   |
|      | 33   | 42  | 8   | 9   |
|      | 34   | 40  | 4   | 5   |
|      | 34   | 40  | 6   | 7   |
|      | 34   | 45  | 8   | 9   |
|      | 34   | 50  | 12  | 13  |
|      | 35   | 41  | 5   | 6   |
|      | 35   | 42  | 7   | 8   |
|      | 35   | 42  | 10  | 11  |
|      | 35   | 43  | 5   | 6   |
|      | 35   | 43  | 6   | 7   |
|      | 35   | 43  | 6.3 | 7   |
|      | 35   | 43  | 7   | 8   |
|      | 35   | 43  | 8   | 9   |
|      | 35   | 43  | 10  | 11  |

| Type | Ø d  | Ø D  | h   | HA  |
|------|------|------|-----|-----|
| HUN  | 35   | 44   | 7   | 8   |
|      | 35   | 45   | 5   | 6   |
|      | 35   | 45   | 6   | 7   |
|      | 35   | 45   | 7   | 8   |
|      | 35   | 45   | 8   | 9   |
|      | 35   | 45   | 10  | 11  |
|      | 35   | 46   | 6   | 7   |
|      | 35   | 46   | 8   | 9   |
|      | 35   | 46   | 9   | 10  |
|      | 35   | 46   | 10  | 11  |
|      | 35   | 47   | 6   | 7   |
|      | 35   | 47   | 7   | 8   |
|      | 35   | 48   | 6   | 7   |
|      | 35   | 48   | 8   | 9   |
|      | 35   | 48   | 10  | 11  |
|      | 35   | 50   | 8   | 9   |
|      | 35   | 50   | 9   | 10  |
|      | 35   | 50   | 10  | 11  |
|      | 35   | 51   | 10  | 11  |
|      | 35   | 55   | 10  | 11  |
|      | 35   | 55   | 12  | 13  |
|      | 35.5 | 45   | 6   | 7   |
|      | 35.5 | 50.5 | 10  | 11  |
|      | 36   | 43   | 8   | 9   |
|      | 36   | 44   | 4   | 5   |
|      | 36   | 44   | 5.3 | 6   |
|      | 36   | 44   | 6   | 7   |
|      | 36   | 44   | 8   | 9   |
|      | 36   | 45   | 6.5 | 7.5 |
|      | 36   | 46   | 6   | 7   |
|      | 36   | 46   | 7   | 8   |
|      | 36   | 46   | 9   | 10  |
|      | 36   | 46   | 10  | 11  |
|      | 36   | 48   | 4   | 5   |
|      | 36   | 48   | 8   | 9   |
|      | 36   | 48   | 10  | 11  |

## Piston/Rod Seals

| Type | Ø d | Ø D  | h   | HA   |
|------|-----|------|-----|------|
| HUN  | 37  | 47   | 8   | 9    |
|      | 37  | 47   | 10  | 11   |
|      | 38  | 45   | 4.8 | 5.5  |
|      | 38  | 45   | 5   | 6    |
|      | 38  | 45   | 6   | 7    |
|      | 38  | 45   | 6.5 | 7.5  |
|      | 38  | 45.5 | 6   | 7    |
|      | 38  | 46   | 6   | 7    |
|      | 38  | 46   | 8   | 9    |
|      | 38  | 48   | 6   | 7    |
|      | 38  | 48   | 7   | 8    |
|      | 38  | 48   | 8   | 9    |
|      | 38  | 48   | 10  | 11   |
|      | 38  | 50   | 6   | 7    |
|      | 38  | 50   | 8   | 9    |
|      | 38  | 50   | 9   | 10   |
|      | 38  | 50   | 10  | 11   |
|      | 38  | 51   | 10  | 11   |
|      | 38  | 52   | 10  | 11   |
|      | 38  | 54   | 10  | 11   |
|      | 38  | 55   | 10  | 11   |
|      | 38  | 58   | 9.7 | 10.7 |
|      | 38  | 58   | 10  | 11   |
|      | 38  | 60   | 10  | 11   |
|      | 38  | 62   | 12  | 13   |
|      | 39  | 48   | 6.5 | 7.5  |
|      | 39  | 54   | 10  | 11   |
|      | 39  | 58   | 13  | 14   |
|      | 40  | 48   | 5   | 6    |
|      | 40  | 48   | 6   | 7    |
|      | 40  | 48   | 8   | 9    |
|      | 40  | 48   | 10  | 11   |
|      | 40  | 48   | 11  | 12   |
|      | 40  | 50   | 5   | 6    |
|      | 40  | 50   | 6   | 7    |
|      | 40  | 50   | 6.5 | 7.5  |

| Type | Ø d | Ø D | h    | HA  |
|------|-----|-----|------|-----|
| HUN  | 40  | 50  | 7    | 8   |
|      | 40  | 50  | 7.3  | 8   |
|      | 40  | 50  | 8    | 9   |
|      | 40  | 50  | 9    | 10  |
|      | 40  | 50  | 10   | 11  |
|      | 40  | 50  | 12   | 13  |
|      | 40  | 52  | 7    | 8   |
|      | 40  | 52  | 8    | 9   |
|      | 40  | 52  | 10   | 11  |
|      | 40  | 52  | 12   | 13  |
|      | 40  | 53  | 8    | 9   |
|      | 40  | 53  | 8.5  | 9.5 |
|      | 40  | 55  | 7    | 8   |
|      | 40  | 55  | 8    | 9   |
|      | 40  | 55  | 9    | 10  |
|      | 40  | 55  | 10   | 11  |
|      | 40  | 55  | 10.2 | 11  |
|      | 40  | 56  | 6    | 7   |
|      | 40  | 57  | 7.5  | 8.5 |
|      | 40  | 60  | 8    | 9   |
|      | 40  | 60  | 10   | 11  |
|      | 40  | 60  | 12   | 13  |
|      | 40  | 62  | 6    | 7   |
|      | 40  | 65  | 7    | 8   |
|      | 40  | 65  | 10   | 11  |
|      | 40  | 65  | 12   | 13  |
|      | 41  | 51  | 7    | 8   |
|      | 41  | 57  | 10   | 11  |
|      | 41  | 61  | 10   | 11  |
|      | 42  | 50  | 5    | 6   |
|      | 42  | 50  | 6    | 7   |
|      | 42  | 50  | 8    | 9   |
|      | 42  | 52  | 7    | 8   |
|      | 42  | 52  | 8    | 9   |
|      | 42  | 52  | 10   | 11  |
|      | 42  | 52  | 12   | 13  |



## Piston/Rod Seals

| Type | Ø d  | Ø D  | h   | HA   |
|------|------|------|-----|------|
| HUN  | 42   | 53   | 9   | 10   |
|      | 42   | 55   | 7   | 8    |
|      | 42   | 55   | 8   | 9    |
|      | 42   | 62   | 12  | 13   |
|      | 43   | 53   | 7.5 | 8.5  |
|      | 43   | 55   | 6   | 7    |
|      | 43   | 55   | 10  | 11   |
|      | 44   | 50   | 8.5 | 9.5  |
|      | 44.5 | 54.5 | 6   | 7    |
|      | 45   | 52   | 8   | 9    |
|      | 45   | 52   | 10  | 11   |
|      | 45   | 53   | 5.3 | 6    |
|      | 45   | 53   | 6   | 7    |
|      | 45   | 53   | 8   | 9    |
|      | 45   | 53   | 10  | 11   |
|      | 45   | 54   | 6   | 7    |
|      | 45   | 55   | 5   | 6    |
|      | 45   | 55   | 6   | 7    |
|      | 45   | 55   | 6.5 | 7.5  |
|      | 45   | 55   | 7   | 8    |
|      | 45   | 55   | 7.5 | 8.5  |
|      | 45   | 55   | 8   | 9    |
|      | 45   | 55   | 9   | 10   |
|      | 45   | 55   | 10  | 11   |
|      | 45   | 55   | 12  | 13   |
|      | 45   | 56   | 7   | 8    |
|      | 45   | 56   | 10  | 11   |
|      | 45   | 57.7 | 9.5 | 10.5 |
|      | 45   | 58   | 7   | 8    |
|      | 45   | 58   | 8   | 9    |
|      | 45   | 58   | 10  | 11   |
|      | 45   | 58   | 12  | 13   |
|      | 45   | 60   | 9   | 10   |
|      | 45   | 60   | 10  | 11   |
|      | 45   | 60   | 12  | 13   |
|      | 45   | 61   | 10  | 11   |

| Type | Ø d  | Ø D | h    | HA   |
|------|------|-----|------|------|
| HUN  | 45   | 62  | 10   | 11   |
|      | 45   | 63  | 8    | 9    |
|      | 45   | 63  | 10   | 11   |
|      | 45   | 63  | 12   | 13   |
|      | 45   | 65  | 6    | 7    |
|      | 45   | 65  | 8    | 9    |
|      | 45   | 65  | 10   | 11   |
|      | 45   | 65  | 12   | 13   |
|      | 45   | 66  | 10   | 11   |
|      | 45   | 70  | 12   | 13   |
|      | 45   | 70  | 15.5 | 17.5 |
|      | 45   | 70  | 16   | 18   |
|      | 46   | 56  | 6    | 7    |
|      | 46   | 62  | 10   | 11   |
|      | 47   | 55  | 10   | 11   |
|      | 47   | 57  | 7    | 8    |
|      | 47   | 57  | 10   | 11   |
|      | 48   | 57  | 10   | 11   |
|      | 48   | 58  | 8    | 9    |
|      | 48   | 58  | 10   | 11   |
|      | 48   | 60  | 6    | 7    |
|      | 48   | 60  | 7.9  | 9    |
|      | 48   | 60  | 10   | 11   |
|      | 48   | 60  | 12   | 13   |
|      | 48   | 62  | 12   | 13   |
|      | 48   | 63  | 10   | 11   |
|      | 49   | 60  | 8    | 9    |
|      | 49.5 | 57  | 5    | 6    |
|      | 50   | 57  | 10   | 11   |
|      | 50   | 58  | 5.3  | 6    |
|      | 50   | 58  | 6    | 7    |
|      | 50   | 58  | 8    | 9    |
|      | 50   | 58  | 10   | 11   |
|      | 50   | 58  | 12   | 13   |
|      | 50   | 60  | 5    | 6    |
|      | 50   | 60  | 6    | 7    |

## Piston/Rod Seals

| Type       | Ø d  | Ø D | h    | HA   |
|------------|------|-----|------|------|
| <b>HUN</b> | 50   | 60  | 6.5  | 7.5  |
|            | 50   | 60  | 7    | 8    |
|            | 50   | 60  | 8    | 9    |
|            | 50   | 60  | 10   | 11   |
|            | 50   | 62  | 8.5  | 9.5  |
|            | 50   | 62  | 9    | 10   |
|            | 50   | 62  | 9.5  | 10.5 |
|            | 50   | 62  | 10   | 11   |
|            | 50   | 62  | 12   | 13   |
|            | 50   | 63  | 6    | 7    |
|            | 50   | 63  | 6.5  | 7.5  |
|            | 50   | 63  | 8    | 9    |
|            | 50   | 63  | 9    | 10   |
|            | 50   | 63  | 10   | 11   |
|            | 50   | 65  | 6    | 7    |
|            | 50   | 65  | 7    | 8    |
|            | 50   | 65  | 7.5  | 8.5  |
|            | 50   | 65  | 8    | 9    |
|            | 50   | 65  | 9    | 10   |
|            | 50   | 65  | 10   | 11   |
|            | 50   | 65  | 12   | 13   |
|            | 50   | 66  | 12   | 13   |
|            | 50   | 68  | 10   | 11   |
|            | 50   | 70  | 8    | 9    |
|            | 50   | 70  | 9    | 10   |
|            | 50   | 70  | 10   | 11   |
|            | 50   | 70  | 12   | 13   |
|            | 50   | 70  | 18   | 20   |
|            | 50   | 72  | 10   | 11   |
|            | 50   | 75  | 12.5 | 13.5 |
|            | 50.9 | 70  | 13   | 14   |
|            | 51   | 63  | 14   | 15   |
|            | 51   | 66  | 14   | 15   |
|            | 51   | 70  | 12   | 13   |
|            | 52   | 62  | 6    | 7    |
|            | 52   | 62  | 7    | 8    |

| Type       | Ø d | Ø D | h   | HA  |
|------------|-----|-----|-----|-----|
| <b>HUN</b> | 52  | 62  | 12  | 13  |
|            | 52  | 64  | 6   | 7   |
|            | 52  | 65  | 6   | 7   |
|            | 52  | 65  | 8   | 9   |
|            | 52  | 70  | 12  | 13  |
|            | 52  | 72  | 10  | 11  |
|            | 53  | 63  | 6   | 7   |
|            | 53  | 63  | 6.5 | 7.5 |
|            | 53  | 63  | 8   | 9   |
|            | 53  | 63  | 10  | 11  |
|            | 53  | 65  | 8   | 9   |
|            | 53  | 73  | 12  | 13  |
|            | 54  | 64  | 6   | 7   |
|            | 54  | 70  | 12  | 13  |
|            | 55  | 63  | 8   | 9   |
|            | 55  | 63  | 10  | 11  |
|            | 55  | 65  | 5   | 6   |
|            | 55  | 65  | 6   | 7   |
|            | 55  | 65  | 7   | 8   |
|            | 55  | 65  | 8   | 9   |
|            | 55  | 65  | 10  | 11  |
|            | 55  | 65  | 12  | 13  |
|            | 55  | 66  | 10  | 11  |
|            | 55  | 68  | 10  | 11  |
|            | 55  | 70  | 7   | 8   |
|            | 55  | 70  | 7.5 | 8.5 |
|            | 55  | 70  | 8   | 9   |
|            | 55  | 70  | 9   | 10  |
|            | 55  | 70  | 10  | 11  |
|            | 55  | 70  | 12  | 13  |
|            | 55  | 71  | 12  | 13  |
|            | 55  | 72  | 10  | 11  |
|            | 55  | 72  | 12  | 13  |
|            | 55  | 75  | 8   | 9   |
|            | 55  | 75  | 9   | 10  |
|            | 55  | 75  | 10  | 11  |

## Piston/Rod Seals

| Type | Ø d | Ø D | h    | HA   |
|------|-----|-----|------|------|
| HUN  | 55  | 75  | 12   | 13   |
|      | 55  | 76  | 10   | 11   |
|      | 56  | 66  | 6    | 7    |
|      | 56  | 66  | 6.5  | 7.5  |
|      | 56  | 66  | 8.5  | 9.5  |
|      | 56  | 66  | 10   | 11   |
|      | 56  | 71  | 9    | 10   |
|      | 56  | 71  | 11.5 | 12.5 |
|      | 56  | 72  | 12   | 13   |
|      | 56  | 76  | 12   | 13   |
|      | 57  | 63  | 8    | 9    |
|      | 57  | 63  | 10   | 11   |
|      | 58  | 68  | 6    | 7    |
|      | 58  | 68  | 7    | 8    |
|      | 58  | 68  | 8    | 9    |
|      | 58  | 68  | 14   | 15   |
|      | 58  | 70  | 8    | 9    |
|      | 58  | 78  | 12   | 13   |
|      | 60  | 68  | 6    | 7    |
|      | 60  | 68  | 8    | 9    |
|      | 60  | 68  | 11.5 | 12.5 |
|      | 60  | 68  | 14   | 15   |
|      | 60  | 70  | 5    | 6    |
|      | 60  | 70  | 6    | 7    |
|      | 60  | 70  | 7    | 8    |
|      | 60  | 70  | 8    | 9    |
|      | 60  | 70  | 10   | 11   |
|      | 60  | 70  | 12   | 13   |
|      | 60  | 71  | 7    | 8    |
|      | 60  | 72  | 10   | 11   |
|      | 60  | 73  | 8    | 9    |
|      | 60  | 75  | 8    | 9    |
|      | 60  | 75  | 9    | 10   |
|      | 60  | 75  | 10   | 11   |
|      | 60  | 75  | 12   | 13   |
|      | 60  | 75  | 13   | 14   |

| Type | Ø d | Ø D | h    | HA   |
|------|-----|-----|------|------|
| HUN  | 60  | 76  | 12   | 13   |
|      | 60  | 80  | 6    | 7    |
|      | 60  | 80  | 10   | 11   |
|      | 60  | 80  | 12   | 13   |
|      | 60  | 80  | 18   | 20   |
|      | 60  | 85  | 10   | 11   |
|      | 60  | 85  | 12   | 13   |
|      | 60  | 85  | 12.5 | 13.5 |
|      | 60  | 90  | 15   | 17   |
|      | 60  | 90  | 16   | 18   |
|      | 61  | 67  | 5    | 6    |
|      | 61  | 71  | 6    | 7    |
|      | 61  | 71  | 6.5  | 7.5  |
|      | 61  | 78  | 6    | 7    |
|      | 61  | 78  | 15.5 | 17.5 |
|      | 62  | 70  | 10   | 11   |
|      | 62  | 72  | 10   | 11   |
|      | 62  | 75  | 10   | 11   |
|      | 62  | 78  | 10   | 11   |
|      | 62  | 80  | 10   | 11   |
|      | 62  | 82  | 10   | 11   |
|      | 62  | 82  | 12   | 13   |
|      | 63  | 71  | 8    | 9    |
|      | 63  | 73  | 6    | 7    |
|      | 63  | 73  | 12   | 13   |
|      | 63  | 75  | 6    | 7    |
|      | 63  | 75  | 10   | 11   |
|      | 63  | 75  | 11.5 | 12.5 |
|      | 63  | 75  | 12   | 13   |
|      | 63  | 75  | 14   | 15   |
|      | 63  | 78  | 10   | 11   |
|      | 63  | 78  | 12   | 13   |
|      | 63  | 80  | 9    | 10   |
|      | 63  | 80  | 10   | 11   |
|      | 63  | 80  | 12   | 13   |
|      | 63  | 80  | 16   | 18   |

## Piston/Rod Seals

| Type | Ø d | Ø D | h    | HA   |
|------|-----|-----|------|------|
| HUN  | 63  | 83  | 12   | 13   |
|      | 64  | 76  | 9.5  | 10.5 |
|      | 64  | 80  | 8    | 9    |
|      | 64  | 80  | 12   | 13   |
|      | 65  | 72  | 10   | 11   |
|      | 65  | 73  | 8    | 9    |
|      | 65  | 73  | 11.5 | 12.5 |
|      | 65  | 75  | 6    | 7    |
|      | 65  | 75  | 8    | 9    |
|      | 65  | 75  | 9    | 10   |
|      | 65  | 75  | 12   | 13   |
|      | 65  | 76  | 10   | 11   |
|      | 65  | 78  | 10   | 11   |
|      | 65  | 79  | 10   | 11   |
|      | 65  | 80  | 7.5  | 8.5  |
|      | 65  | 80  | 8    | 9    |
|      | 65  | 80  | 8.4  | 9.5  |
|      | 65  | 80  | 9    | 10   |
|      | 65  | 80  | 10   | 11   |
|      | 65  | 80  | 11   | 12   |
|      | 65  | 80  | 12   | 13   |
|      | 65  | 85  | 10   | 11   |
|      | 65  | 85  | 12   | 13   |
|      | 65  | 86  | 10   | 11   |
|      | 65  | 95  | 15   | 17   |
|      | 66  | 76  | 8    | 9    |
|      | 67  | 77  | 6    | 7    |
|      | 67  | 77  | 9.5  | 10.5 |
|      | 67  | 77  | 12   | 13   |
|      | 67  | 87  | 12   | 13   |
|      | 67  | 95  | 11.5 | 12.5 |
|      | 68  | 78  | 12   | 13   |
|      | 68  | 80  | 9    | 10   |
|      | 68  | 80  | 10   | 11   |
|      | 69  | 83  | 8    | 9    |
|      | 70  | 78  | 8    | 9    |

| Type | Ø d | Ø D | h    | HA   |
|------|-----|-----|------|------|
| HUN  | 70  | 78  | 10   | 11   |
|      | 70  | 80  | 5    | 6    |
|      | 70  | 80  | 6    | 7    |
|      | 70  | 80  | 6.5  | 7.5  |
|      | 70  | 80  | 7    | 8    |
|      | 70  | 80  | 8    | 9    |
|      | 70  | 80  | 10   | 11   |
|      | 70  | 80  | 12   | 13   |
|      | 70  | 81  | 10   | 11   |
|      | 70  | 82  | 9    | 10   |
|      | 70  | 82  | 10   | 11   |
|      | 70  | 82  | 12   | 13   |
|      | 70  | 83  | 10   | 11   |
|      | 70  | 83  | 12   | 13   |
|      | 70  | 84  | 10   | 11   |
|      | 70  | 85  | 7    | 8    |
|      | 70  | 85  | 8    | 9    |
|      | 70  | 85  | 9    | 10   |
|      | 70  | 85  | 10   | 11   |
|      | 70  | 85  | 10.5 | 11.5 |
|      | 70  | 85  | 11.4 | 12.5 |
|      | 70  | 85  | 12   | 13   |
|      | 70  | 90  | 10   | 11   |
|      | 70  | 90  | 12   | 13   |
|      | 70  | 90  | 13   | 14   |
|      | 70  | 90  | 13.5 | 14.5 |
|      | 70  | 90  | 15   | 17   |
|      | 70  | 90  | 18   | 20   |
|      | 70  | 91  | 10   | 11   |
|      | 70  | 92  | 12   | 13   |
|      | 70  | 95  | 12   | 13   |
|      | 71  | 80  | 6    | 7    |
|      | 71  | 81  | 6    | 7    |
|      | 71  | 91  | 12   | 13   |
|      | 73  | 85  | 10   | 11   |
|      | 75  | 83  | 11   | 12   |

## Piston/Rod Seals

| Type | Ø d  | Ø D  | h    | HA   |
|------|------|------|------|------|
| HUN  | 75   | 85   | 6    | 7    |
|      | 75   | 85   | 7    | 8    |
|      | 75   | 85   | 8    | 9    |
|      | 75   | 85   | 10   | 11   |
|      | 75   | 85   | 12   | 13   |
|      | 75   | 86   | 10   | 11   |
|      | 75   | 88   | 10   | 11   |
|      | 75   | 90   | 9    | 10   |
|      | 75   | 90   | 10   | 11   |
|      | 75   | 90   | 12   | 13   |
|      | 75   | 95   | 10   | 11   |
|      | 75   | 95   | 12   | 13   |
|      | 75   | 95   | 13   | 14   |
|      | 75   | 95   | 13.5 | 14.5 |
|      | 75   | 95   | 14   | 15   |
|      | 75   | 100  | 15   | 17   |
|      | 76   | 82   | 5    | 6    |
|      | 76   | 86   | 14   | 15   |
|      | 76   | 91   | 14   | 15   |
|      | 76   | 92   | 12   | 13   |
|      | 76.5 | 90.5 | 10   | 11   |
|      | 78   | 86   | 14   | 15   |
|      | 78   | 95   | 11.5 | 12.5 |
|      | 80   | 88   | 8    | 9    |
|      | 80   | 90   | 5    | 6    |
|      | 80   | 90   | 6    | 7    |
|      | 80   | 90   | 8    | 9    |
|      | 80   | 90   | 10   | 11   |
|      | 80   | 90   | 11   | 12   |
|      | 80   | 90   | 12   | 13   |
|      | 80   | 91   | 10   | 11   |
|      | 80   | 92   | 8.7  | 9.7  |
|      | 80   | 92   | 14   | 15   |
|      | 80   | 93   | 8    | 9    |
|      | 80   | 94   | 10   | 11   |
|      | 80   | 95   | 8    | 9    |

| Type | Ø d | Ø D  | h    | HA   |
|------|-----|------|------|------|
| HUN  | 80  | 95   | 9    | 10   |
|      | 80  | 95   | 10   | 11   |
|      | 80  | 95   | 11   | 12   |
|      | 80  | 95   | 12   | 13   |
|      | 80  | 96   | 12   | 13   |
|      | 80  | 100  | 9.5  | 10.5 |
|      | 80  | 100  | 10   | 11   |
|      | 80  | 100  | 12   | 13   |
|      | 80  | 100  | 13   | 14   |
|      | 80  | 100  | 13.5 | 14.5 |
|      | 80  | 100  | 15   | 17   |
|      | 80  | 105  | 12   | 13   |
|      | 80  | 110  | 12   | 13   |
|      | 80  | 110  | 15   | 17   |
|      | 81  | 100  | 16   | 18   |
|      | 82  | 97   | 10   | 11   |
|      | 83  | 94   | 6.2  | 7    |
|      | 85  | 93   | 8    | 9    |
|      | 85  | 93   | 11.5 | 12.5 |
|      | 85  | 95   | 5    | 6    |
|      | 85  | 95   | 6    | 7    |
|      | 85  | 95   | 8.5  | 9.5  |
|      | 85  | 95   | 9    | 10   |
|      | 85  | 95   | 12   | 13   |
|      | 85  | 95.5 | 6    | 7    |
|      | 85  | 96   | 10   | 11   |
|      | 85  | 97   | 9    | 10   |
|      | 85  | 99   | 8    | 9    |
|      | 85  | 100  | 8    | 9    |
|      | 85  | 100  | 9    | 10   |
|      | 85  | 100  | 10   | 11   |
|      | 85  | 100  | 12   | 13   |
|      | 85  | 105  | 10   | 11   |
|      | 85  | 105  | 12   | 13   |
|      | 85  | 105  | 15   | 17   |
|      | 85  | 105  | 18   | 20   |

## Piston/Rod Seals

| Type | Ø d | Ø D | h    | HA   |
|------|-----|-----|------|------|
| HUN  | 85  | 110 | 12   | 13   |
|      | 86  | 96  | 11.5 | 12.5 |
|      | 87  | 95  | 11.5 | 12.5 |
|      | 88  | 100 | 9    | 10   |
|      | 88  | 100 | 14   | 15   |
|      | 90  | 98  | 8    | 9    |
|      | 90  | 98  | 12   | 13   |
|      | 90  | 100 | 5    | 6    |
|      | 90  | 100 | 6    | 7    |
|      | 90  | 100 | 6.5  | 7.5  |
|      | 90  | 100 | 6.8  | 7.5  |
|      | 90  | 100 | 7    | 8    |
|      | 90  | 100 | 8    | 9    |
|      | 90  | 100 | 9    | 10   |
|      | 90  | 100 | 10   | 11   |
|      | 90  | 100 | 11.5 | 12.5 |
|      | 90  | 100 | 12   | 13   |
|      | 90  | 102 | 9    | 10   |
|      | 90  | 102 | 10   | 11   |
|      | 90  | 102 | 14   | 15   |
|      | 90  | 105 | 9    | 10   |
|      | 90  | 105 | 10   | 11   |
|      | 90  | 105 | 11.5 | 12.5 |
|      | 90  | 105 | 12   | 13   |
|      | 90  | 110 | 9    | 10   |
|      | 90  | 110 | 10   | 11   |
|      | 90  | 110 | 12   | 13   |
|      | 90  | 110 | 13   | 14   |
|      | 90  | 110 | 15   | 17   |
|      | 90  | 115 | 12   | 13   |
|      | 90  | 115 | 15   | 17   |
|      | 90  | 120 | 12   | 13   |
|      | 90  | 125 | 15   | 17   |
|      | 91  | 97  | 5    | 6    |
|      | 93  | 105 | 9    | 10   |
|      | 95  | 105 | 7    | 8    |

| Type | Ø d | Ø D | h    | HA   |
|------|-----|-----|------|------|
| HUN  | 95  | 105 | 10   | 11   |
|      | 95  | 105 | 11.5 | 12.5 |
|      | 95  | 105 | 12   | 13   |
|      | 95  | 105 | 14   | 15   |
|      | 95  | 110 | 9    | 10   |
|      | 95  | 110 | 10   | 11   |
|      | 95  | 110 | 12   | 13   |
|      | 95  | 115 | 12   | 13   |
|      | 95  | 115 | 13.5 | 14.5 |
|      | 95  | 115 | 15   | 17   |
|      | 95  | 115 | 18   | 20   |
|      | 95  | 120 | 12   | 13   |
|      | 95  | 120 | 13   | 14   |
|      | 97  | 105 | 14   | 15   |
|      | 98  | 112 | 9    | 10   |
|      | 100 | 110 | 5    | 6    |
|      | 100 | 110 | 6    | 7    |
|      | 100 | 110 | 8    | 9    |
|      | 100 | 110 | 10   | 11   |
|      | 100 | 110 | 11   | 12   |
|      | 100 | 110 | 12   | 13   |
|      | 100 | 110 | 14   | 15   |
|      | 100 | 110 | 15   | 17   |
|      | 100 | 112 | 9    | 10   |
|      | 100 | 112 | 14   | 15   |
|      | 100 | 115 | 9    | 10   |
|      | 100 | 115 | 10   | 11   |
|      | 100 | 115 | 12   | 13   |
|      | 100 | 115 | 15   | 17   |
|      | 100 | 120 | 10   | 11   |
|      | 100 | 120 | 12   | 13   |
|      | 100 | 120 | 13.5 | 14.5 |
|      | 100 | 120 | 15   | 17   |
|      | 100 | 125 | 10   | 11   |
|      | 100 | 125 | 12   | 13   |
|      | 100 | 125 | 15   | 17   |

## Piston/Rod Seals

| Type       | Ø d   | Ø D | h    | HA   |
|------------|-------|-----|------|------|
| <b>HUN</b> | 100   | 130 | 15   | 17   |
|            | 104   | 117 | 5.3  | 6    |
|            | 104.5 | 117 | 5.3  | 6    |
|            | 105   | 112 | 12   | 13   |
|            | 105   | 113 | 11   | 12   |
|            | 105   | 115 | 9    | 10   |
|            | 105   | 115 | 12   | 13   |
|            | 105   | 115 | 13.5 | 14.5 |
|            | 105   | 120 | 8    | 9    |
|            | 105   | 120 | 9    | 10   |
|            | 105   | 120 | 11   | 12   |
|            | 105   | 120 | 12   | 13   |
|            | 105   | 120 | 13   | 14   |
|            | 105   | 120 | 15   | 17   |
|            | 105   | 125 | 10   | 11   |
|            | 105   | 125 | 11   | 12   |
|            | 105   | 125 | 12   | 13   |
|            | 105   | 125 | 13   | 14   |
|            | 105   | 125 | 15   | 17   |
|            | 105   | 125 | 16   | 18   |
|            | 105   | 130 | 12   | 13   |
|            | 105   | 130 | 13   | 14   |
|            | 106   | 120 | 9    | 10   |
|            | 106   | 121 | 9    | 10   |
|            | 106   | 126 | 16   | 18   |
|            | 107   | 113 | 5    | 6    |
|            | 107   | 130 | 15   | 17   |
|            | 110   | 120 | 10.5 | 11.5 |
|            | 110   | 120 | 12   | 13   |
|            | 110   | 124 | 9.5  | 10.5 |
|            | 110   | 125 | 9    | 10   |
|            | 110   | 125 | 10   | 11   |
|            | 110   | 125 | 11   | 12   |
|            | 110   | 125 | 12   | 13   |
|            | 110   | 125 | 15   | 17   |
|            | 110   | 130 | 9    | 10   |

| Type       | Ø d | Ø D | h    | HA   |
|------------|-----|-----|------|------|
| <b>HUN</b> | 110 | 130 | 12   | 13   |
|            | 110 | 130 | 15   | 17   |
|            | 110 | 130 | 16   | 18   |
|            | 110 | 135 | 15   | 17   |
|            | 110 | 140 | 15   | 17   |
|            | 110 | 140 | 18   | 20   |
|            | 110 | 145 | 15   | 17   |
|            | 112 | 125 | 9    | 10   |
|            | 112 | 127 | 12   | 13   |
|            | 112 | 132 | 15   | 17   |
|            | 112 | 132 | 16   | 18   |
|            | 113 | 125 | 14   | 15   |
|            | 115 | 125 | 10   | 11   |
|            | 115 | 125 | 12   | 13   |
|            | 115 | 130 | 9    | 10   |
|            | 115 | 130 | 10   | 11   |
|            | 115 | 130 | 12   | 13   |
|            | 115 | 130 | 13.5 | 14.5 |
|            | 115 | 130 | 14.5 | 15.5 |
|            | 115 | 130 | 15   | 17   |
|            | 115 | 135 | 12   | 13   |
|            | 115 | 135 | 15   | 17   |
|            | 115 | 140 | 12   | 13   |
|            | 115 | 140 | 15   | 17   |
|            | 117 | 130 | 10   | 11   |
|            | 117 | 130 | 12   | 13   |
|            | 118 | 126 | 14   | 15   |
|            | 118 | 130 | 10   | 11   |
|            | 118 | 130 | 12   | 13   |
|            | 120 | 128 | 6    | 7    |
|            | 120 | 128 | 11.5 | 12.5 |
|            | 120 | 128 | 12   | 13   |
|            | 120 | 130 | 5    | 6    |
|            | 120 | 130 | 12   | 13   |
|            | 120 | 130 | 13   | 14   |
|            | 120 | 130 | 14   | 15   |

## Piston/Rod Seals

| Type | Ø d | Ø D | h    | HA   |
|------|-----|-----|------|------|
| HUN  | 120 | 132 | 12   | 13   |
|      | 120 | 135 | 9    | 10   |
|      | 120 | 135 | 12   | 13   |
|      | 120 | 140 | 10   | 11   |
|      | 120 | 140 | 12   | 13   |
|      | 120 | 140 | 13   | 14   |
|      | 120 | 140 | 15   | 17   |
|      | 120 | 140 | 16   | 18   |
|      | 120 | 145 | 12   | 13   |
|      | 120 | 145 | 15   | 17   |
|      | 120 | 145 | 18   | 20   |
|      | 120 | 150 | 15   | 17   |
|      | 124 | 145 | 15   | 17   |
|      | 125 | 133 | 11.5 | 12.5 |
|      | 125 | 135 | 12   | 13   |
|      | 125 | 140 | 9    | 10   |
|      | 125 | 140 | 10   | 11   |
|      | 125 | 140 | 11   | 12   |
|      | 125 | 140 | 12   | 13   |
|      | 125 | 140 | 13   | 14   |
|      | 125 | 140 | 15   | 17   |
|      | 125 | 145 | 12   | 13   |
|      | 125 | 145 | 15   | 17   |
|      | 125 | 145 | 16   | 18   |
|      | 125 | 150 | 15   | 17   |
|      | 125 | 150 | 19   | 20   |
|      | 125 | 155 | 15   | 17   |
|      | 125 | 155 | 19   | 20   |
|      | 126 | 132 | 5    | 6    |
|      | 130 | 140 | 6    | 7    |
|      | 130 | 140 | 10.5 | 11.5 |
|      | 130 | 140 | 12   | 13   |
|      | 130 | 145 | 9    | 10   |
|      | 130 | 145 | 10   | 11   |
|      | 130 | 145 | 12   | 13   |
|      | 130 | 145 | 15   | 17   |

| Type | Ø d | Ø D | h    | HA   |
|------|-----|-----|------|------|
| HUN  | 130 | 150 | 10   | 11   |
|      | 130 | 150 | 12   | 13   |
|      | 130 | 150 | 15   | 17   |
|      | 130 | 150 | 16   | 18   |
|      | 130 | 155 | 12   | 13   |
|      | 130 | 155 | 15   | 17   |
|      | 130 | 160 | 15   | 17   |
|      | 130 | 165 | 15   | 17   |
|      | 132 | 145 | 9    | 10   |
|      | 132 | 152 | 15   | 17   |
|      | 135 | 143 | 12   | 13   |
|      | 135 | 145 | 12   | 13   |
|      | 135 | 145 | 13   | 14   |
|      | 135 | 150 | 9    | 10   |
|      | 135 | 150 | 10   | 11   |
|      | 135 | 150 | 11   | 12   |
|      | 135 | 150 | 12   | 13   |
|      | 135 | 150 | 15   | 17   |
|      | 135 | 155 | 12   | 13   |
|      | 135 | 155 | 15   | 17   |
|      | 135 | 160 | 15   | 17   |
|      | 135 | 160 | 19   | 21   |
|      | 135 | 165 | 15   | 17   |
|      | 136 | 150 | 9    | 10   |
|      | 140 | 148 | 7    | 8    |
|      | 140 | 148 | 11.5 | 12.5 |
|      | 140 | 150 | 5    | 6    |
|      | 140 | 150 | 6    | 7    |
|      | 140 | 150 | 11   | 12   |
|      | 140 | 150 | 12   | 13   |
|      | 140 | 150 | 13.5 | 14.5 |
|      | 140 | 150 | 15   | 17   |
|      | 140 | 152 | 10   | 11   |
|      | 140 | 152 | 14   | 15   |
|      | 140 | 155 | 9    | 10   |
|      | 140 | 155 | 10   | 11   |



## Piston/Rod Seals

| Type | Ø d | Ø D | h    | HA   |
|------|-----|-----|------|------|
| HUN  | 140 | 155 | 12   | 13   |
|      | 140 | 155 | 15   | 17   |
|      | 140 | 157 | 6    | 7    |
|      | 140 | 160 | 9    | 10   |
|      | 140 | 160 | 10   | 11   |
|      | 140 | 160 | 12   | 13   |
|      | 140 | 160 | 14   | 15   |
|      | 140 | 160 | 15   | 17   |
|      | 140 | 160 | 16   | 18   |
|      | 140 | 165 | 15   | 17   |
|      | 140 | 170 | 15   | 17   |
|      | 141 | 151 | 14   | 15   |
|      | 143 | 151 | 14   | 15   |
|      | 144 | 160 | 18   | 20   |
|      | 145 | 160 | 9    | 10   |
|      | 145 | 160 | 12   | 13   |
|      | 145 | 165 | 12   | 13   |
|      | 145 | 165 | 15   | 17   |
|      | 145 | 170 | 15   | 17   |
|      | 145 | 175 | 15   | 17   |
|      | 148 | 160 | 14   | 15   |
|      | 150 | 160 | 10.5 | 11.5 |
|      | 150 | 165 | 9    | 10   |
|      | 150 | 165 | 15   | 17   |
|      | 150 | 170 | 10   | 11   |
|      | 150 | 170 | 12   | 13   |
|      | 150 | 170 | 15   | 17   |
|      | 150 | 170 | 16   | 18   |
|      | 150 | 175 | 15   | 17   |
|      | 150 | 175 | 16   | 18   |
|      | 150 | 180 | 15   | 17   |
|      | 150 | 180 | 18   | 20   |
|      | 155 | 165 | 12.5 | 13.5 |
|      | 155 | 170 | 9    | 10   |
|      | 155 | 175 | 12   | 13   |
|      | 155 | 180 | 15   | 17   |

| Type | Ø d | Ø D | h    | HA   |
|------|-----|-----|------|------|
| HUN  | 155 | 180 | 16   | 18   |
|      | 155 | 180 | 19   | 21   |
|      | 160 | 170 | 7.5  | 8.5  |
|      | 160 | 170 | 12   | 13   |
|      | 160 | 175 | 7.5  | 8.5  |
|      | 160 | 175 | 9    | 10   |
|      | 160 | 175 | 10   | 11   |
|      | 160 | 175 | 12   | 13   |
|      | 160 | 175 | 12.5 | 13.5 |
|      | 160 | 175 | 15   | 17   |
|      | 160 | 175 | 16   | 18   |
|      | 160 | 180 | 10   | 11   |
|      | 160 | 180 | 12   | 13   |
|      | 160 | 180 | 15   | 17   |
|      | 160 | 180 | 16   | 18   |
|      | 160 | 185 | 12   | 13   |
|      | 160 | 185 | 15   | 17   |
|      | 160 | 185 | 16   | 18   |
|      | 160 | 185 | 18   | 20   |
|      | 160 | 185 | 19   | 21   |
|      | 160 | 190 | 15   | 17   |
|      | 160 | 190 | 18   | 20   |
|      | 160 | 195 | 17   | 19   |
|      | 162 | 172 | 14   | 15   |
|      | 164 | 180 | 18   | 20   |
|      | 165 | 177 | 9    | 10   |
|      | 165 | 180 | 9    | 10   |
|      | 165 | 180 | 9.5  | 10.5 |
|      | 165 | 180 | 15   | 17   |
|      | 165 | 185 | 15   | 17   |
|      | 165 | 190 | 15   | 17   |
|      | 165 | 190 | 16   | 18   |
|      | 165 | 190 | 19   | 21   |
|      | 170 | 180 | 12   | 13   |
|      | 170 | 190 | 12   | 13   |
|      | 170 | 190 | 15   | 17   |

## Piston/Rod Seals

| Type | Ø d | Ø D | h    | HA   |
|------|-----|-----|------|------|
| HUN  | 170 | 195 | 12   | 13   |
|      | 170 | 195 | 15   | 17   |
|      | 170 | 195 | 16   | 18   |
|      | 170 | 195 | 19   | 21   |
|      | 170 | 200 | 15   | 17   |
|      | 170 | 200 | 18   | 20   |
|      | 170 | 215 | 20   | 22   |
|      | 171 | 179 | 14   | 15   |
|      | 175 | 190 | 10   | 11   |
|      | 175 | 190 | 16   | 18   |
|      | 175 | 200 | 15   | 17   |
|      | 175 | 200 | 16   | 18   |
|      | 175 | 200 | 19   | 21   |
|      | 175 | 205 | 15   | 17   |
|      | 180 | 188 | 11.5 | 12.5 |
|      | 180 | 190 | 10   | 11   |
|      | 180 | 200 | 10   | 11   |
|      | 180 | 200 | 12   | 13   |
|      | 180 | 200 | 12.5 | 13.5 |
|      | 180 | 200 | 15   | 17   |
|      | 180 | 200 | 16   | 18   |
|      | 180 | 205 | 12   | 13   |
|      | 180 | 205 | 15   | 17   |
|      | 180 | 205 | 16   | 18   |
|      | 180 | 205 | 18   | 20   |
|      | 180 | 210 | 15   | 17   |
|      | 180 | 210 | 22   | 24   |
|      | 180 | 215 | 15   | 17   |
|      | 183 | 193 | 14   | 15   |
|      | 184 | 200 | 18   | 20   |
|      | 185 | 195 | 12   | 13   |
|      | 185 | 195 | 12.5 | 13.5 |
|      | 185 | 200 | 7.5  | 8.5  |
|      | 185 | 200 | 9    | 10   |
|      | 185 | 200 | 12   | 13   |
|      | 85  | 200 | 15   | 17   |

| Type | Ø d | Ø D | h    | HA   |
|------|-----|-----|------|------|
| HUN  | 185 | 205 | 15   | 17   |
|      | 185 | 210 | 15   | 17   |
|      | 185 | 210 | 16   | 18   |
|      | 185 | 215 | 15   | 17   |
|      | 190 | 200 | 12.5 | 13.5 |
|      | 190 | 205 | 15   | 17   |
|      | 190 | 205 | 16   | 18   |
|      | 190 | 210 | 12   | 13   |
|      | 190 | 210 | 15   | 17   |
|      | 190 | 215 | 15   | 17   |
|      | 190 | 215 | 16   | 18   |
|      | 190 | 220 | 15   | 17   |
|      | 190 | 220 | 16   | 18   |
|      | 190 | 220 | 22   | 24   |
|      | 190 | 225 | 15   | 17   |
|      | 195 | 220 | 15   | 17   |
|      | 197 | 208 | 12.5 | 13   |
|      | 200 | 215 | 12   | 13   |
|      | 200 | 216 | 18   | 20   |
|      | 200 | 220 | 12   | 13   |
|      | 200 | 220 | 15   | 17   |
|      | 200 | 220 | 18   | 20   |
|      | 200 | 225 | 15   | 17   |
|      | 200 | 225 | 16   | 18   |
|      | 200 | 225 | 18   | 20   |
|      | 200 | 225 | 20   | 22   |
|      | 200 | 230 | 15   | 17   |
|      | 200 | 230 | 18   | 20   |
|      | 200 | 230 | 22   | 24   |
|      | 200 | 235 | 20   | 22   |
|      | 200 | 240 | 12   | 13   |
|      | 205 | 230 | 10   | 11   |
|      | 205 | 230 | 16   | 18   |
|      | 205 | 230 | 20   | 22   |
|      | 207 | 217 | 14   | 15   |
|      | 210 | 225 | 15   | 17   |

## Piston/Rod Seals

| Type | Ø d | Ø D | h    | HA   |
|------|-----|-----|------|------|
| HUN  | 210 | 230 | 132  | 13   |
|      | 210 | 230 | 14   | 15   |
|      | 210 | 230 | 15   | 17   |
|      | 210 | 235 | 15   | 17   |
|      | 210 | 235 | 18   | 20   |
|      | 210 | 240 | 15   | 17   |
|      | 210 | 240 | 18   | 20   |
|      | 212 | 237 | 18   | 20   |
|      | 215 | 225 | 12.5 | 13.5 |
|      | 215 | 235 | 15   | 17   |
|      | 215 | 240 | 15   | 17   |
|      | 215 | 240 | 16   | 18   |
|      | 215 | 240 | 18   | 20   |
|      | 215 | 240 | 19   | 21   |
|      | 220 | 236 | 18   | 20   |
|      | 220 | 240 | 12   | 13   |
|      | 220 | 240 | 15   | 17   |
|      | 220 | 245 | 18   | 20   |
|      | 220 | 250 | 15   | 17   |
|      | 220 | 250 | 18   | 20   |
|      | 220 | 250 | 22   | 24   |
|      | 222 | 232 | 12   | 13   |
|      | 225 | 240 | 12   | 13   |
|      | 225 | 250 | 16   | 18   |
|      | 225 | 250 | 19   | 21   |
|      | 225 | 255 | 26   | 28   |
|      | 230 | 250 | 12   | 13   |
|      | 230 | 250 | 12.5 | 13.5 |
|      | 230 | 250 | 15   | 17   |
|      | 230 | 250 | 18   | 20   |
|      | 230 | 255 | 18   | 20   |
|      | 230 | 260 | 18   | 20   |
|      | 230 | 260 | 22   | 24   |
|      | 235 | 255 | 12   | 13   |
|      | 235 | 260 | 16   | 18   |
|      | 235 | 260 | 19   | 21   |

| Type | Ø d | Ø D | h  | HA   |
|------|-----|-----|----|------|
| HUN  | 240 | 260 | 16 | 18   |
|      | 240 | 265 | 16 | 18   |
|      | 240 | 270 | 18 | 20   |
|      | 245 | 270 | 19 | 21   |
|      | 250 | 266 | 18 | 20   |
|      | 250 | 270 | 12 | 13   |
|      | 250 | 270 | 15 | 17   |
|      | 250 | 270 | 18 | 20   |
|      | 250 | 275 | 18 | 20   |
|      | 250 | 275 | 19 | 21   |
|      | 250 | 280 | 18 | 20   |
|      | 250 | 280 | 19 | 21   |
|      | 250 | 280 | 25 | 27   |
|      | 255 | 280 | 16 | 18   |
|      | 255 | 280 | 19 | 21   |
|      | 260 | 280 | 12 | 13   |
|      | 260 | 280 | 14 | 15   |
|      | 260 | 280 | 18 | 20   |
|      | 260 | 290 | 18 | 20   |
|      | 264 | 280 | 18 | 20   |
|      | 265 | 290 | 19 | 21   |
|      | 265 | 295 | 19 | 21   |
|      | 270 | 300 | 15 | 17   |
|      | 270 | 300 | 18 | 20   |
|      | 275 | 300 | 16 | 18   |
|      | 280 | 300 | 15 | 17   |
|      | 280 | 300 | 16 | 18   |
|      | 280 | 300 | 18 | 20   |
|      | 280 | 305 | 16 | 18   |
|      | 280 | 310 | 18 | 20   |
|      | 280 | 310 | 20 | 22   |
|      | 280 | 320 | 20 | 22   |
|      | 290 | 320 | 18 | 20   |
|      | 300 | 330 | 18 | 20   |
|      | 300 | 332 | 24 | 26   |
|      | 305 | 340 | 27 | 29.5 |

Piston/Rod Seals

| Type | Ø d | Ø D | h  | HA |
|------|-----|-----|----|----|
| HUN  | 320 | 350 | 19 | 21 |
|      | 320 | 350 | 22 | 24 |
|      | 325 | 355 | 25 | 27 |
|      | 330 | 350 | 15 | 17 |
|      | 330 | 360 | 22 | 24 |
|      | 340 | 370 | 22 | 24 |
|      | 350 | 380 | 22 | 24 |
|      | 360 | 390 | 22 | 24 |
|      | 370 | 400 | 22 | 24 |
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| Type | Ø d | Ø D | h | HA |
|------|-----|-----|---|----|
| HUN  |     |     |   |    |
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## Piston/Rod Seals

| Type | Ø d   | Ø D    | h     | HA    |
|------|-------|--------|-------|-------|
| HUN" | 1/2   | 3/4    | 1/8   | 0.138 |
|      | 1/2   | 7/8    | 3/16  | 0.207 |
|      | 1/4   | 1/2    | 1/4   | 0.275 |
|      | 1/4   | 1/2    | 1/8   | 0.138 |
|      | 1/4   | 5/8    | 3/16  | 0.207 |
|      | 1/4   | 5/8    | 5/16  | 0.344 |
|      | 3/16  | 1/2    | 1/4   | 0.275 |
|      | 3/16  | 7/16   | 1/4   | 0.275 |
|      | 3/4   | 1      | 1/8   | 0.138 |
|      | 3/4   | 1      | 3/16  | 0.207 |
|      | 3/4   | 1 1/8  | 1/4   | 0.275 |
|      | 3/4   | 1 3/16 | 1/4   | 0.275 |
|      | 3/4   | 1 5/16 | 5/16  | 0.344 |
|      | 3/8   | 5/8    | 1/8   | 0.138 |
|      | 5/16  | 9/16   | 1/8   | 0.138 |
|      | 5/16  | 1/2    | 3/16  | 0.207 |
|      | 5/16  | 5/8    | 1/4   | 0.275 |
|      | 5/16  | 11/16  | 3/16  | 0.207 |
|      | 7/16  | 3/4    | 3/16  | 0.207 |
|      | 7/16  | 13/16  | 1/4   | 0.275 |
|      | 7/8   | 1 1/4  | 1/4   | 0.275 |
|      | 7/8   | 1 1/8  | 1/4   | 0.275 |
|      | 7/8   | 1 1/8  | 1/8   | 0.138 |
|      | 13/16 | 1 3/16 | 11/32 | 0.375 |
|      | 15/16 | 1 5/8  | 3/8   | 0.413 |
|      | 15/16 | 1 9/16 | 5/16  | 0.344 |
|      | 23/32 | 1 1/4  | 1/4   | 0.275 |
|      | 1     | 1 1/4  | 1/4   | 0.275 |
|      | 1     | 1 1/4  | 1/8   | 0.138 |
|      | 1     | 1 1/4  | 5/32  | 0.172 |
|      | 1     | 1 3/8  | 3/16  | 0.207 |
|      | 1 1/2 | 1 3/4  | 1/4   | 0.275 |
|      | 1 1/2 | 2      | 1/4   | 0.275 |
|      | 1 1/2 | 2      | 3/8   | 0.413 |
|      | 1 1/4 | 1 1/2  | 5/32  | 0.172 |
|      | 1 3/4 | 2 1/4  | 1/4   | 0.275 |

| Type | Ø d   | Ø D     | h    | HA    |
|------|-------|---------|------|-------|
| HUN" | 1 3/4 | 2 1/4   | 3/8  | 0.413 |
|      | 1 3/4 | 2 3/8   | 3/8  | 0.413 |
|      | 1 3/8 | 1 3/4   | 5/16 | 0.344 |
|      | 1 3/8 | 1 5/8   | 5/32 | 0.172 |
|      | 1 3/8 | 1 7/8   | 3/8  | 0.413 |
|      | 1 3/8 | 1 11/16 | 7/32 | 0.241 |
|      | 1 3/8 | 1 21/32 | 3/16 | 0.207 |
|      | 1 5/8 | 2       | 1/4  | 0.275 |
|      | 1 7/8 | 2 1/2   | 1/2  | 0.55  |
|      | 1 7/8 | 2 1/2   | 3/8  | 0.413 |
|      | 1 7/8 | 2 1/4   | 5/16 | 0.344 |
|      | 1 7/8 | 2 3/8   | 1/4  | 0.275 |
|      | 2     | 2 1/2   | 3/8  | 0.413 |
|      | 2     | 2 3/8   | 1/4  | 0.275 |
|      | 2 1/2 | 3       | 3/8  | 0.413 |
|      | 2 1/4 | 2 3/4   | 3/8  | 0.413 |
|      | 2 1/4 | 2 7/8   | 3/8  | 0.413 |
|      | 2 1/4 | 3       | 3/8  | 0.413 |
|      | 2 1/8 | 2 1/2   | 1/4  | 0.275 |
|      | 2 1/8 | 2 1/2   | 3/16 | 0.207 |
|      | 2 1/8 | 2 1/2   | 5/16 | 0.344 |
|      | 2 3/4 | 3 1/4   | 3/8  | 0.413 |
|      | 2 3/8 | 2 7/8   | 3/8  | 0.413 |
|      | 2 3/8 | 3       | 3/8  | 0.413 |
|      | 2 5/8 | 3       | 1/4  | 0.275 |
|      | 2 7/8 | 3 1/4   | 1/4  | 0.275 |
|      | 3     | 3 1/2   | 3/8  | 0.413 |
|      | 3 1/4 | 3 7/8   | 1/2  | 0.55  |
|      | 3 1/4 | 4       | 3/8  | 0.413 |
|      | 3 1/8 | 3 1/2   | 3/8  | 0.413 |
|      | 3 1/8 | 3 7/8   | 1/2  | 0.55  |
|      | 3 5/8 | 4       | 1/4  | 0.275 |
|      | 5 1/2 | 6       | 3/8  | 0.413 |
|      |       |         |      |       |
|      |       |         |      |       |
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