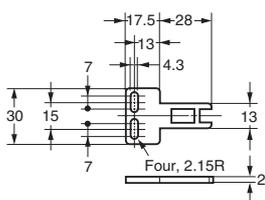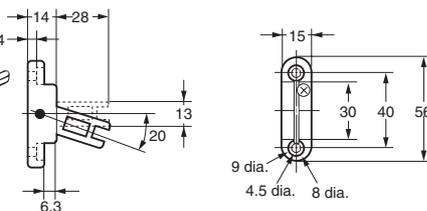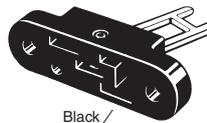## Operation Keys

Note: Unless otherwise specified, a tolerance of ±0.4 mm applies to all dimensions.

D4DS-K1

Four, 2.15R

D4DS-K3

Black

9 dia.   4.5 dia.   8 dia.

D4DS-K2

Four, 2.15R

D4DS-K5

Black
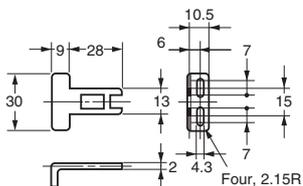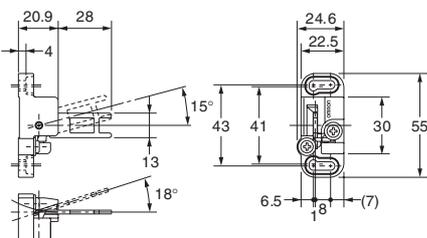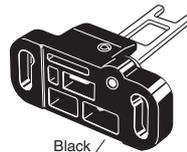
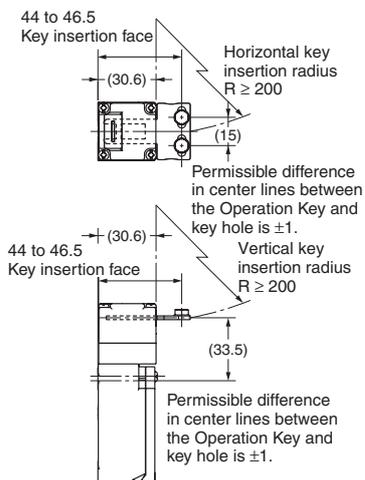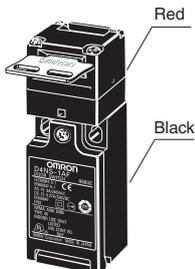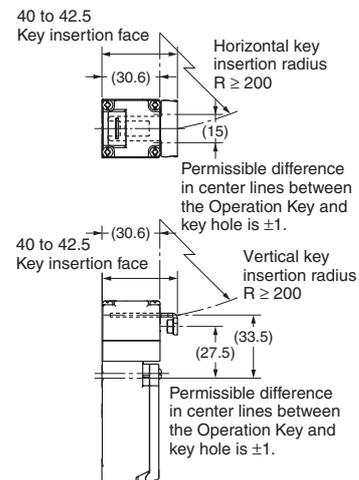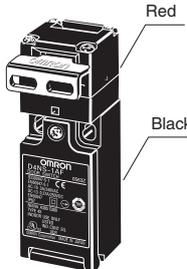## With Operation Key Inserted (Relationship between Insertion Radius and Insertion Hole)

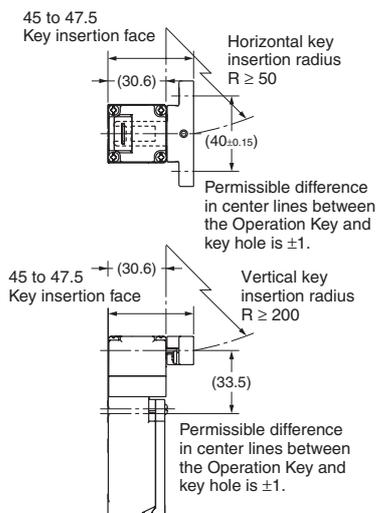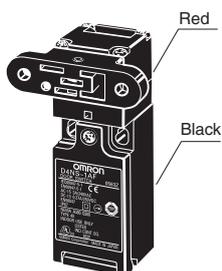**Note:** Unless otherwise specified, a tolerance of ±0.4 mm applies to all dimensions.

D4NS-1□F + D4DS-K1

Red

Black

44 to 46.5 Key insertion face

Horizontal key insertion radius R ≥ 200

(30.6)

(15)

Permissible difference in center lines between the Operation Key and key hole is ±1.

44 to 46.5 Key insertion face

(30.6)

Vertical key insertion radius R ≥ 200

(33.5)

Permissible difference in center lines between the Operation Key and key hole is ±1.

D4NS-1□F + D4DS-K2

Red

Black

40 to 42.5 Key insertion face

Horizontal key insertion radius R ≥ 200

(30.6)

(15)

Permissible difference in center lines between the Operation Key and key hole is ±1.

40 to 42.5 Key insertion face

(30.6)

Vertical key insertion radius R ≥ 200

(27.5)   (33.5)

Permissible difference in center lines between the Operation Key and key hole is ±1.

D4NS-1□F + D4DS-K3

Red

Black

45 to 47.5 Key insertion face

Horizontal key insertion radius R ≥ 50

(30.6)

(40±0.15)

Permissible difference in center lines between the Operation Key and key hole is ±1.

45 to 47.5 Key insertion face

(30.6)

Vertical key insertion radius R ≥ 200

(33.5)

Permissible difference in center lines between the Operation Key and key hole is ±1.

D4NS-1□F + D4DS-K5

Red

Black

51.9 to 54.4 Key insertion face

(30.6)

(43±0.1)
(41±0.1)

Horizontal key insertion radius R ≥ 50

Permissible difference in center lines between the Operation Key and key hole is ±1.

51.9 to 54.4 Key insertion face

(30.6)

Vertical key insertion radius R ≥ 50

(33.5)

Permissible difference in center lines between the Operation Key and key hole is ±1.

D4NS