

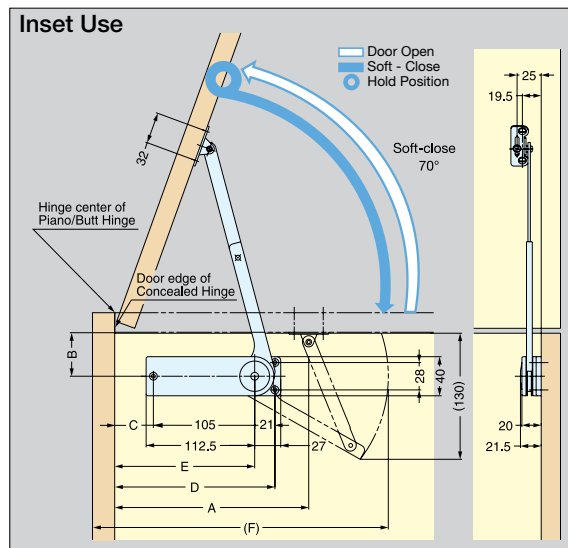
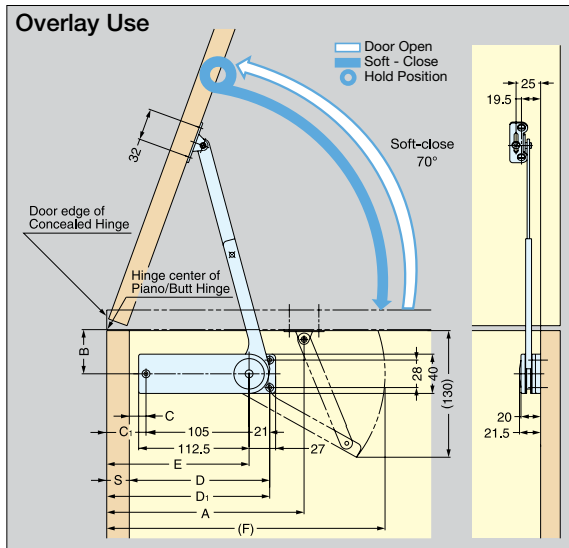
HEAVY DUTY SOFT-DOWN STAY



HDS-20



- For TOP-OPENING FLAP DOOR with concealed, piano, butt or concealed hinges.
- Used in pairs.
- HDS-20 is designed to hold door in fully opened position.
- Handed: Specific left and right hand mounting.
- Torque Calculation:
- Torque = Door Height x 1/2 x Door Weight
- K-Type (Light Duty) : 140~200kg·cm (121~173 lbs·inch)/pair
- M-Type (Medium Duty) : 200~250 kg·cm (173~216 lbs·inch)/pair
- H-Type (Heavy Duty) : 250~300 kg·cm (216~260 lbs·inch)/pair



Inset Use

Hinge Type	A	B	C	D	E	F
Concealed Hinge	203 (7-63/64")	45 (1-49/64")	46 (1-13/16")	172 (6-49/64")	151 (5-15/16")	286 (11-17/64")
Piano/Butt Hinge	190 (7-31/64")		33 (1-19/64")	159 (6-17/64")	138 (5-7/16")	273 (10-3/4")

Overlay Use

Hinge Type	A	B	C	D	C ₁	D ₁	E	F
Concealed Hinge	198.5 (7-13/16")	45 (1-49/64")	42-S (1-21/32")	168-S (6-39/64")	-	-	145.0 (5-45/64")	283.5 (11-5/32")
Piano/Butt Hinge			-	-	41 (1-39/64")	167 (6-37/64")	142.5 (5-39/64")	281.0 (11-1/16")

S=Overlay coverage in case of concealed hinge (mm)

Item No.		Type	Color	Torque (kg·cm/pair)	Weight (g)	Box (pcs)	Carton (pcs)	Material	Finish/Color
Left	Right							Steel	Nickel
HDS-20KL/BLK	HDS-20KR/BLK	Light Duty	Black	140~200 (121-173 lbs-in)	280	40	200	Plastic	Black(BLK)/White(WHT)
HDS-20KL/WHT	HDS-20KR/WHT		White						
HDS-20ML/BLK	HDS-20MR/BLK	Medium Duty	Black	200~250 (173-216 lbs-in)	290	200			
HDS-20ML/WHT	HDS-20MR/WHT		White						
HDS-20HL/BLK	HDS-20HR/BLK	Heavy Duty	Black	250~300 (216-260 lbs-in)	300	200			
HDS-20HL/WHT	HDS-20HR/WHT		White						