



HD10R/16R/22R: RESTRICTED HEAVY DUTY FRICTION STAYS

Heavy-Duty Restricted friction stay for enhanced performance with timber, Upvc and large section aluminum.

- Easy to fit with adjustable friction mechanism.
- Can be restricted up to 3 different angle of openings
- Smooth and balanced operation for life – windows open and close with ease.
- Effective weather sealing and draught proofing fully concealed once fitted.
- Conforms to BS8213 Minimum 95mm gap for Window Cleaning (Profile Dependant)
- Corrosion resistance meets the requirements of BS 7412: 1991.
- Manufactured from high-grade Austenitic stainless steel for maximum longevity. Even in the most corrosive environments.
- Composite steel /plastic slider for strength, durability and smooth operation.
- The Heavy Duty range has been proven to a lifetime 50,000 cycles.
- The Heavy Duty friction stays conforms to all leading international window performance standards in the UK (BS6375 Part 2 1987), North America (AAMA 904.1), France (NFP-20-302) and Singapore (SS 212 1998).
- On any windows over 32Kg we recommend that you fit our Heavy Duty Friction Arms (HD102)

RECOMMENDED MAXIMUM WINDOW WEIGHTS & SIZES

PRODUCT	TOP/SIDE HUNG	SIZE INS	SIZE MM	WINDOW SIZE APPROX WIDTH MM	WINDOW SIZE APPROX HEIGHT MM	WINDOW WEIGHT APPROX KG	MAXIMUM OPENING ANGLE
HD10R	TOP	10.3	262	2000	650	50Kg @ 50 ° & 40Kg @ 84°	50° & 84°
HD16R	TOP	16.3	415	2000	800	100Kg @ 30°, 55Kg @ 50° & 50Kg @ 90°	30°, 50° or 90°
HD22R	TOP	22.3	567	2000	1500	100Kg @ 20°, 80Kg @ 45° & 75Kg @ 90°	20°, 45° or 90°
HD10R	SIDE	10.3	262	660	1524	34.5Kg	50° & 84°
HD16R	SIDE	16.3	415	762	1619	42Kg	30°, 50° or 90°
HD16R	SIDE	16.3	415	700	1600	60Kg @ 30° & 50° 42Kg @ 90°	30°, 50° or 90°

IT IS THE RESPONSIBILITY OF THE WINDOW MANUFACTURER TO ENSURE THAT THE FINISHED WINDOW MEET ANY REQUIRED SAFETY AND PERFORMANCE SPECIFICATIONS