



McKinney
ASSA ABLÖY
Hospital
Tip Hinges

- Hardware included
- 4 holes per leaf
- Square corners

Recommended for use on high frequency and/or heavy wood or metal doors in schools, hospitals or other public buildings where security requirements exist. Feature four holes per leaf.



Door Leaf Height	Door Leaf Width	Door Leaf Thickness	Range of Motion	Ligature Resistant	Bearing Type	Finish	Item No.
Full Mortise							
4 1/2 in	2 1/4 in	0.134 in	270°	No	Sleeve	Dull Chrome	25HE04
4 1/2 in	2 1/4 in	0.18 in	270°	No	Sleeve	Dull Stainless Steel	25HE02
4 1/2 in	2 1/4 in	0.18 in	270°	Yes	Sleeve	Dull Stainless Steel	25HE17
4 1/2 in	2 1/4 in	0.19 in	180°	No	Sleeve	Dull Chrome	25HE14
4 1/2 in	2 1/4 in	0.19 in	270°	Yes	Ball	Dull Chrome	25HE10
4 1/2 in	2 1/4 in	0.19 in	270°	Yes	Ball	Dull Stainless Steel	25HE11
4 1/2 in	2 1/4 in	0.19 in	270°	Yes	Ball	Dull Chrome	25HE12
8 in	3 in	0.19 in	270°	Yes	Ball	Dull Chrome	25HE13
Swing Clear							
4 1/2 in	2 1/4 in	0.19 in	180°	Yes	Sleeve	Dull Chrome	25HE18
4 1/2 in	2 1/4 in	0.19 in	180°	Yes	Sleeve	Dull Stainless Steel	25HE20
4 1/2 in	2 1/4 in	0.19 in	180°	Yes	Sleeve	Dull Chrome	25HE19

High-Traffic Hinges

- Nonremovable pins
- Hardware included
- Square corners

FULL-SURFACE MOUNTING

Hinge has antifriction ball bearings for high-traffic doors and openings. Thicker leaves provide greater support for heavier doors. For use when traditional mortise-mount hinges are impractical.



4PA53

HALF-SURFACE AND HALF-MORTISE MOUNTING

For use when door or frame damage makes a full-mortise hinge impractical. Nonhanded hinges have 180° range of motion and antifriction ball bearings for high-traffic doors and openings. Mount nonmortise leaf to frame. Thicker leaves support greater weight.



4PA23



4PA22

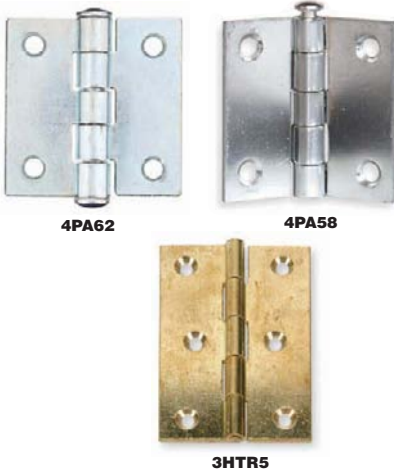
Door Leaf Height	Door Leaf Width	Leaf Thickness	Holes per Leaf	Finish	Item No.
Full-Surface Mounting					
4 1/2 in	4 1/2 in	0.134 in	3	Gray Prime Coat	4PA53
Half-Surface Mounting					
4 1/2 in	4 1/2 in	0.134 in	3 and 4	Satin Chrome	4PA21
4 1/2 in	4 1/2 in	0.180 in	3 and 4	Satin Chrome	4PA22
Half-Mortise Mounting					
4 1/2 in	3 1/2 in	0.140 in	3 and 4	Gray Prime Coat	4PA23

Light-Duty Mortise-Mount and Surface-Mount Hinges

- Hardware included

For hollow-core and lightweight wooden doors. Nonremovable pins and inaccessible set screw provide increased security, while removable pins make frequent door removal less time consuming.

Note: Additional sizes and finishes available. Call 1-800-GRAINGER (472-4643) or search for "hinges" on Grainger.com.



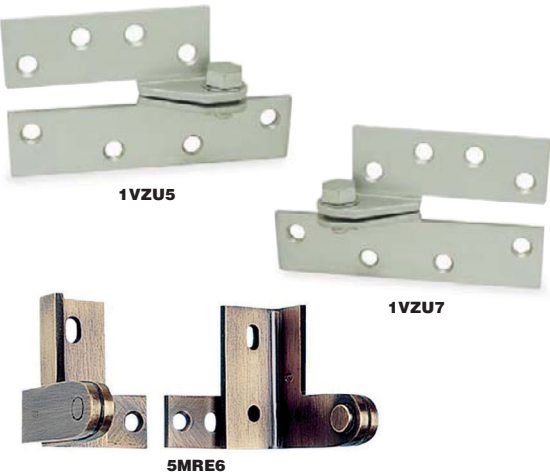
Door Leaf Height	Door Leaf Width	Door Leaf Thickness	Pin Dia.	Holes per Leaf	Corners	Finish	Item No.	Pkg. Qty.
Mortise-Mount, Nonremovable Pin								
2 in	2 in	0.077 in	—	2	Square	Zinc	4PA62	1
3 in	3 in	0.08 in	—	3	Square	Zinc	4PA63	1
4 in	4 in	0.088 in	—	4	Square	Zinc	4PA64	1
Mortise-Mount, Removable Pin								
2 in	2 in	0.077 in	3/16 in	2	Square	Zinc	4PA58	1
3 in	3 in	0.078 in	—	3	Square	Zinc	4PA59	1
3 1/2 in	3 1/2 in	0.088 in	—	3	Square	Zinc	4PA60	1
4 in	4 in	0.088 in	—	4	Square	Zinc	4PA61	1
2 in	2 in	0.077 in	3/16 in	2	Square	Stainless Steel	1RBV2	2
2 1/2 in	2 1/2 in	0.077 in	3/16 in	3	Square	Stainless Steel	1RBV5	2
3 1/2 in	3 1/2 in	0.078 in	1/4 in	3	Rounded	Antique Bronze	1XMB9	2
3 1/2 in	3 1/2 in	0.087 in	1/4 in	3	Rounded	Satin Nickel	1WAN2	2
Surface-Mount, Nonremovable Pin								
1 1/2 in	1 3/8 in	0.045 in	3/16 in	2	Square	Zinc	1RB75	1
2 1/2 in	1 1/4 in	0.056 in	3/16 in	3	Square	Zinc	1RB77	1
3 in	2 in	0.065 in	3/16 in	3	Square	Brass	1RBUS	2
2 1/2 in	1 1/4 in	0.056 in	3/16 in	3	Square	Brass	1RBUS3	2
1 1/2 in	1/8 in	0.04 in	1/16 in	2	Square	Bright Brass	1XMC4	2
3 in	2 in	0.082 in	1/8 in	3	Square	Bright Brass	3HTR5	1

Pivot Sets and Pivot Hinges



- 180° range of motion
- Hardware included

Create less stress on the frame assembly, prevent door sagging, and allow the door to swing with less resistance. Fasteners on the door and frame are in shear rather than tension, and are less likely to pull out over time.



Mounting	Door Leaf Width	Door Leaf Thickness	Load Cap.	Holes per Leaf	Pkg. Qty.	LEFT-HANDED Item No.	RIGHT-HANDED Item No.	CENTER HUNG Item No.
Rixson Pivot Sets								
Full Mortise	1 1/8 in	0.25 in	250 lb	4	1	4AZT5	—	—
Full Mortise	1 1/8 in	0.25 in	300 lb	4	1	4AZT7	4AZT6	—
Full Mortise	1 1/8 in	0.25 in	450 lb	4	1	4AZT9	4AZT8	—
Full Mortise	1 1/8 in	0.25 in	600 lb	4	1	4AZU2	4AZU1	—
Full Mortise	1 1/8 in	0.25 in	800 lb	8	1	—	4AZU3	—
Full Mortise	1 in	0.281 in	200 lb	3	1	—	—	4AZV4
Full Mortise	1 in	0.281 in	250 lb	3	1	—	—	4AZV5
Full Mortise	1 in	0.281 in	500 lb	3	1	—	—	4AZV6
Approved Vendor Reinforcing Pivot Hinges								
Full Surface	4 1/2 in	0.19 in	—	4	1	1VZU7	1VZU5	—
Rixson Electric Pivot Hinges								
Full Mortise	1 1/8 in	—	250 lb	5	1	4AZV1	4AZU9	—
Rixson Intermediate Pivot Hinges								
Full Mortise	1 1/8 in	—	250 lb	5	1	4AZU8	—	—
Full Mortise	1 1/8 in	0.25 in	250 lb	4	1	—	—	4AZV3
Stanley Wardrobe Pivot Hinges								
Full Surface	1 1/8 in	0.131 in	75 lb	2	2	5MRE8	5MRE9	—
Full Surface	2 1/8 in	0.131 in	75 lb	2 and 3	2	—	—	5MRE7
Full Surface	2 1/8 in	0.2 in	150 lb	2 and 3	2	—	—	5MRE6