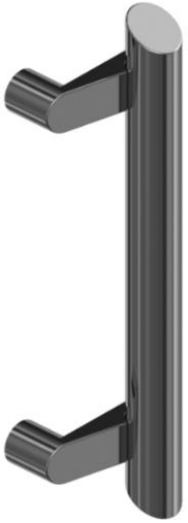


AP436 Offset Ladder Pull
Angled End



AP411 Straight Ladder Pull
Square End



AP424 Offset Ladder Pull
Radius End

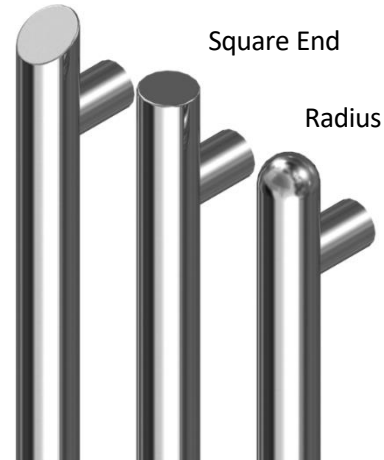


End Options:

Angled End

Square End

Radius End



ABOUT THE AP400 SERIES – FORMERLY 1160/1170 SERIES

Trimco's AP400 Series Ladder Pulls add style and sophistication to any opening. A multitude of options enable customization and flexibility to enhance surrounding building aesthetics.

FEATURES

- Manufactured from stainless steel, bronze, brass or aluminum for long lasting durability
- Flexibility in design from straight or offset pulls to square, radius or angled ends
- Wide range of lengths available from 12" to over 9'
- Available in most architectural finishes
- Multiple mounting options for metal, wood and glass doors
- ADA compliant

APPLICATIONS

- Retail & Strip Malls
- Hospitality
- Commercial & Industrial
- Multifamily & Mixed-Use

How to Specify and Order:

Family	Description	Mounting Type	Size OA/CTC		Door Thickness	Options	Finish
			Overall	CTC			
1" Diameter							
AP411	1" Diameter, Straight Standoffs, Square Ends	E • Thru-Bolt & Finish Washer G • Back-to-Back: Threaded Shoulder Bolt & Set Screws	12 • 12" 8 • 8" 18 • 18" 14 • 14" 24 • 24" 18 • 18"	8" • 8" 14" • 14" 18" • 18"	0 • Custom ** 1 • 3/8" ** ** 2 • 1/2" **	Mid-Post P • Mid-Post Recommended for Pulls > 84" OA	605 • Polished Brass 606 • Satin Brass 609 • Antique Brass 612 • Satin Bronze 613 • Oil Rubbed Bronze 613E • Oil Rubbed Bronze (equivalent) 622 • Matte Black 628 • Satin Anodized Aluminum 629 • Polished Stainless Steel 630 • Satin Stainless Steel 710 • Healthy Hardware, Satin 316S • 316 Satin Stainless Steel 316P • 316 Polished Stainless Steel
AP412	1" Diameter, Straight Standoffs, Radius Ends	J • Concealed: Threaded Shoulder Bolt & Set Screws	48 • 48" 42 • 42" 60 • 60" 54 • 54" 72 • 72" 66 • 66" 84 • 84" 78 • 78" 96 • 96" 90 • 90"	42" • 42" 54" • 54" 66" • 66" 78" • 78" 90" • 90"	5 • 2" 6 • 2-1/4" 7 • 2-1/4" 8 • 3"		
AP413	1" Diameter, Offset Standoffs, Square Ends	* L • Back-to-Back Concealed: Spanner Turning Washer & Stud					
AP414	1" Diameter, Offset Standoffs, Square Ends	* M • Concealed: Spanner Turning Washer & Stud					
AP415	1" Diameter, Straight Standoffs, Angled Ends	N • Thru-Bolt with Flow-Thru Button					
AP416	1" Diameter, Offset Standoffs, Angled Ends						
1-1/4" Diameter							
AP421	1-1/4" Diameter, Straight Standoffs, Square Ends						
AP422	1-1/4" Diameter, Straight Standoffs, Radius Ends						
AP423	1-1/4" Diameter, Offset Standoffs, Square Ends						
AP424	1-1/4" Diameter, Offset Standoffs, Radius Ends						
AP425	1-1/4" Diameter, Straight Standoffs, Angled Ends						
AP426	1-1/4" Diameter, Offset Standoffs, Angled Ends						
1-1/2" Diameter							
AP431	1-1/2" Diameter, Straight Standoffs, Square Ends						
AP432	1-1/2" Diameter, Straight Standoffs, Radius Ends						
AP433	1-1/2" Diameter, Offset Standoffs, Square Ends						
AP434	1-1/2" Diameter, Offset Standoffs, Radius Ends						
AP435	1-1/2" Diameter, Straight Standoffs, Angled Ends						
AP436	1-1/2" Diameter, Offset Standoffs, Angled Ends						
Example							
AP431M-8478-8-P.629							
AP431		M	84	78	8	P	629
AP413G-1812-4.630							
AP413		G	18	12	4		630

Notes

- Standard CTC (based on OA): Shorter than 24" is OA less 4" and greater than 24" OA less 6"
- Mid-post is recommended for CTC's of 84" or greater
- Engraving includes standard black infill
- Handing only required for Offset Pulls with Angled Ends
- Specifying Custom Pull Sizes (CTC) –
 - Example 1 • 35" OA, 29" CTC, specify as 3529
 - Example 2 • 11" OA, 7" CTC, specify as 1107
- * For J & M mounting options, specify Riv-Nut for metal doors or bushings for wood doors if required
- ** Glass Door Mounting options for 3/8" & 1/2" door thicknesses require a W-Mount hardware kit