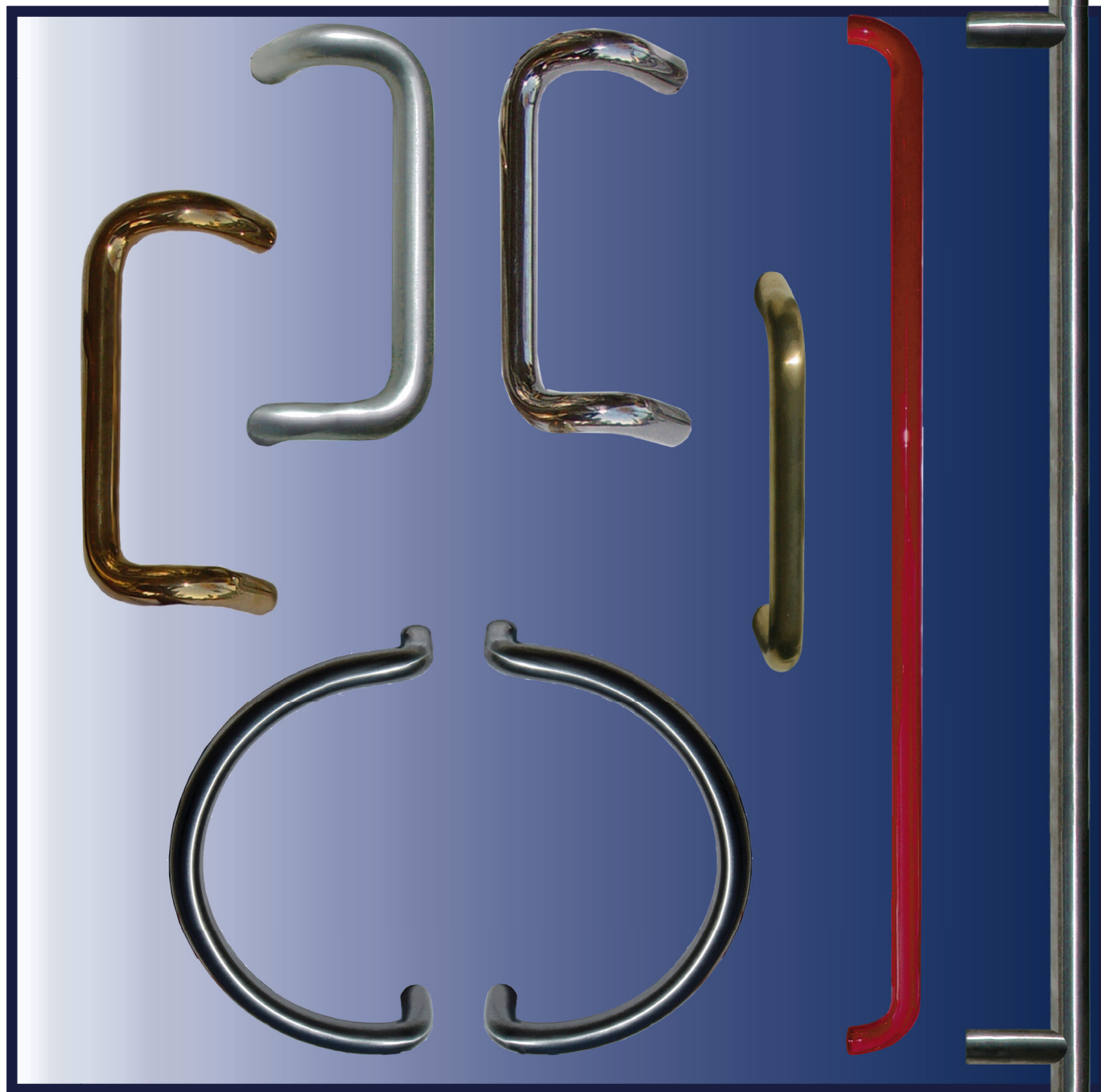


HARNISCH COMPANY

Architectural Hardware

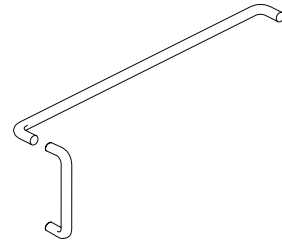


Handles & Push Bars

7651 Woodwind Drive
Huntington Beach CA 92647
www.harnisch.net

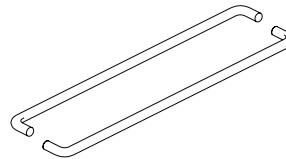
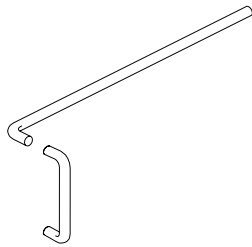
714-841-4486
714-841-9635 fax
800-258-8780 fax

STANDARD, DELUXE, AND ECONOMY DOOR PULLS



STRAIGHT DOOR PULL				
1" DIAMETER SOLID				
Single Pull Part No.	CTC	Projection	Clearance	Pull Sets Part No.
2A	8"	3"	2"	2AS
2B	9"	3-1/2"	2-1/2"	2BS
2C	10"	3"	2"	2CS
2E	12"	3"	2"	2ES
2H	15"	3"	2"	2HS
2K	18"	3"	2"	2KS
1-1/4" DIAMETER SOLID				
M2E	12"	3-1/4"	2"	M2ES
M2K	18"	3-1/4"	2"	M2KS
1" DIAMETER TUBULAR				
T2A	8"	3"	2"	T2AS
T2C	10"	3"	2"	T2CS
T2E	12"	3"	2"	T2ES
T2K	18"	3"	2"	T2KS

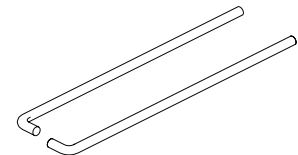
STRAIGHT PULL & DOUBLE BEND PUSH BAR SET				
1" DIAMETER SOLID				
DOUBLE BEND PUSH BAR CTC WITH 2-1/4" PROJECTION				
CTC	27-3/4"	33-1/16"	39-1/16"	VARIABLE CTC
8"	2A227	2A233	2A239	2A23V
9"	2B227	2B233	2B239	2B23V
10"	2C227	2C233	2C239	2C23V
12"	2E227	2E233	2E239	2E23V
15"	2H227	2H233	2H239	2H23V
18"	2K227	2K233	2K239	2K23V
1-1/4" DIAMETER SOLID				
DOUBLE BEND PUSH BAR CTC WITH 2-5/8" PROJECTION				
12"	M2E227	M2E233		M2E23V
18"	M2K227	M2K233		M2K23V
1" DIAMETER TUBULAR				
8"	T2A227			
10"	T2C227			
12"	T2E227			
18"	T2K227			



STRAIGHT PULL & SINGLE BEND PUSH BAR SET			
1" DIAMETER SOLID			
SINGLE BEND PUSH BAR CTC WITH 2-1/4" PROJECTION			
CTC	33-1/16"	39-1/16"	VARIABLE CTC
8"	2A133	2A139	2A13V
9"	2B133	2B139	2B13V
10"	2C133	2C139	2C13V
12"	2E133	2E139	2E13V
15"	2H133	2H139	2H13V
18"	2K133	2K139	2K13V

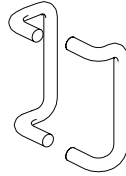
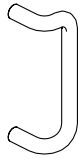
DOUBLE BEND PUSH BAR SET			
1" DIAMETER SOLID			
DOUBLE BEND PUSH BAR CTC W/ 2-1/4" PROJECTION			
27-3/4"	33-1/16"	39-1/16"	VARIABLE CTC
227S	233S	239S	23VS

SINGLE BEND PUSH BAR SET		
1" DIAMETER SOLID		
SINGLE BEND PUSH BAR CTC W/ 2-1/4" PROJECTION		
33-1/16"	39-1/16"	VARIABLE CTC
133S	139S	13VS



NOTE: FOR GLASS DOOR MOUNTING, ADD PREFIX "G" TO PART NUMBER. EXCEPTION: SINGLE BEND PUSH BARS

STANDARD, DELUXE, AND ECONOMY DOOR PULLS



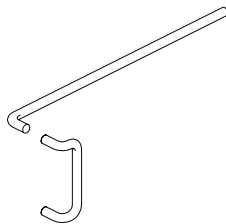
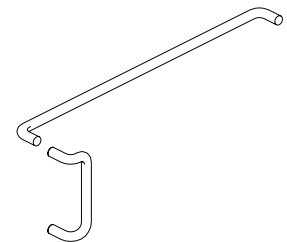
STRAIGHT DOOR PULL					
1" DIAMETER SOLID					
Single Pull Part No.	CTC	Offset	Projection	Clearance	Pull Sets Part No.
4B	9"	3-1/4"	3-1/4"	2-1/4"	4BS
4C	10"	3-1/4"	3-1/4"	2-1/4"	4CS
4E	12"	3-1/4"	3-1/4"	2-1/4"	4ES
4H	15"	3-1/4"	3-1/4"	2-1/4"	4HS
4K	18"	3-1/4"	3-1/4"	2-1/4"	4KS
1-1/4" DIAMETER SOLID					
M4E	12"	3-1/4"	3-1/4"	2"	M4ES
M4K	18"	3-1/4"	3-1/4"	2"	M4KS
1" DIAMETER TUBULAR					
T4B	9"	3-1/4"	3-1/4"	2-1/4"	T4BS
T4C	10"	3-1/4"	3-1/4"	2-1/4"	T4CS
T4E	12"	3-1/4"	3-1/4"	2-1/4"	T4ES

Solid brass, aluminum or stainless steel construction.

US Standard Finishes: US3, 4, 10B, 28, 32, 32D, Duranodic bronze and black High performance architectural CLASS 1 anodized finishes
Electrolytically deposited color

Meets or exceeds AAMA 611-98 specifications

Custom colors are available



OFFSET PULL & SINGLE BEND PUSH BAR SET			
1" DIAMETER SOLID			
SINGLE BEND PUSH BAR CTC WITH 2-1/4" PROJECTION			
CTC	33-1/16"	39-1/16"	VARIABLE CTC
9"	4B133	4B139	4B13V
10"	4C133	4C139	4C13V
12"	4E133	4E139	4E13V
15"	4H133	4H139	4H13V
18"	4K133	4K139	4K13V

OFFSET PULL & DOUBLE BEND PUSH BAR SET				
1" DIAMETER SOLID				
DOUBLE BEND PUSH BAR CTC WITH 2-1/4" PROJECTION				
CTC	27-3/4"	33-1/16"	39-1/16"	VARIABLE CTC
9"	4B227	4B233	4B239	4B23V
10"	4C227	4C233	4C239	4C23V
12"	4E227	4E233	4E239	4E23V
15"	4H227	4H233	4H239	4H23V
18"	4K227	4K233	4K239	4K23V
1-1/4" DIAMETER SOLID				
DOUBLE BEND PUSH BAR CTC WITH 2-5/8" PROJECTION				
12"	M4E227	M4E233		M4E23V
18"	M4K227	M4K233		M4K23V
1" DIAMETER TUBULAR				
9"		T4B233		
10"		T4C233		
12"		T4E233		

NOTE: FOR GLASS DOOR MOUNTING, ADD PREFIX "G" TO PART NUMBER. EXCEPTION: SINGLE BEND PUSH BARS

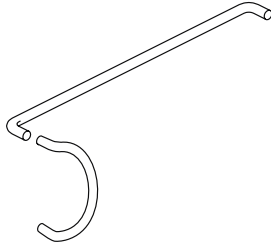
SPECIALTY DOOR PULLS



CUSTOM "C" PULL				
1" DIAMETER SOLID				
Part No.	CTC	Offset	Projection	Clearance
C12E	12"	8"	3"	2"



CUSTOM "C" PULL SETS				
1" DIAMETER SOLID				
Part No.	CTC	Offset	Projection	Clearance
C12ES	12"	8"	3"	2"
1" DIAMETER TUBULAR				
TC12ES	12"	8"	3"	2"



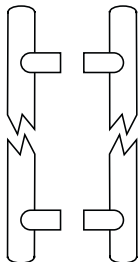
CUSTOM "C" PULL & DOUBLE BEND PUSH BAR SET				
1" DIAMETER SOLID				
CTC	27-3/4"	33-1/16"	39-1/16"	VARIABLE CTC
12"	C12E227	C12E233	C12E239	C12E23V



CUSTOM FULL HEIGHT PULLS		
1" DIAMETER (4' TO 8')		
Part No.	Projection	Clearance
FHP1	3"	2"



CUSTOM FULL HEIGHT PULLS		
1" DIAMETER (4' TO 8')		
Part No.	Projection	Clearance
FHP2	3"	2"



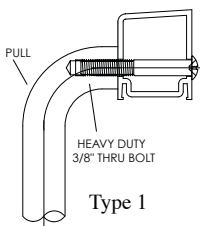
CUSTOM FULL HEIGHT LADDER PULLS				
1-1/4" DIAMETER TUBULAR				
Part No.	Height	CTC	Projection	Clearance
TLP4S	48"	36"	3-1/4"	2"
TLP5S	60"	48"	3-1/4"	2"
TLP6S	72"	60"	3-1/4"	2"
TLP7S	84"	72"	3-1/4"	2"

Color matched
3/8" Heavy Duty Thru Bolts are standard.

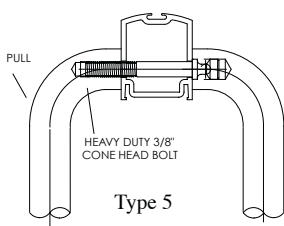


NOTE: FOR GLASS DOOR MOUNTING, ADD PREFIX "G" TO PART NUMBER. EXCEPTION: SINGLE BEND PUSH BARS

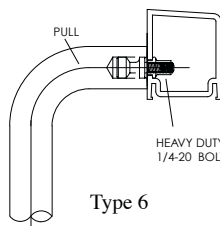
MOUNTING HARDWARE - 3/8" HEAVY DUTY BOLT IS STANDARD



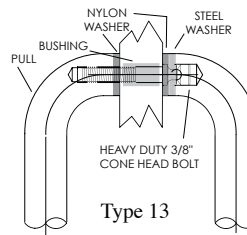
Type 1
Thru Bolt Mount



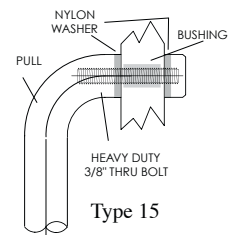
Type 5
Back to Back Mount



Type 6
Fully Concealed Mount



Type 13
Glass Door Back to Back Mount



Type 15
Glass Door Thru Bolt Mount