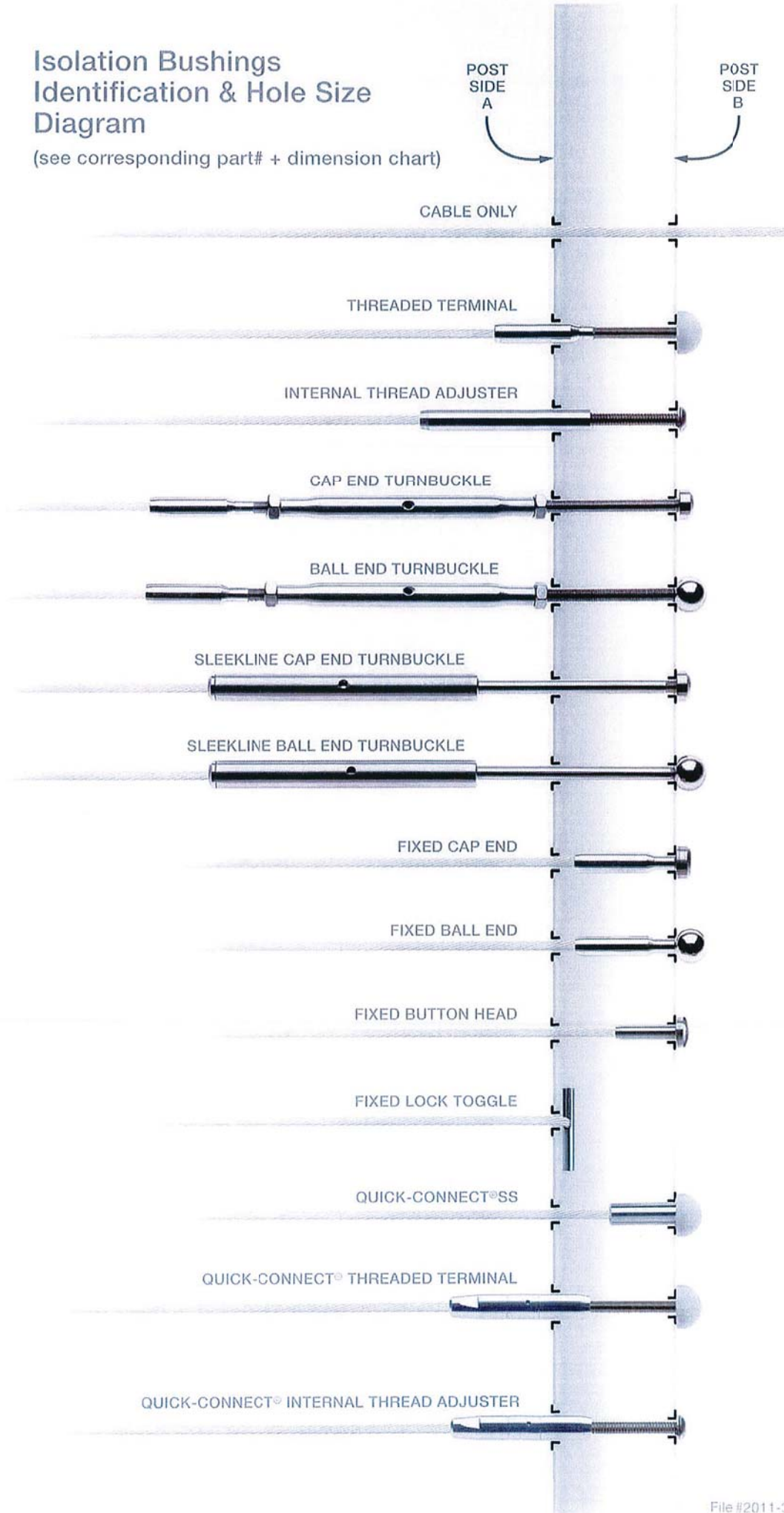


Isolation Bushings Identification & Hole Size Diagram

(see corresponding part# + dimension chart)



ISOLATION BUSHING IDENTIFICATION & HOLE SIZE CHART

(for non-DesignRail metal posts)

8/5/2011

Important Note: the *Post Hole Ø* is the size that the hole must be after any galvanizing and paint coatings are applied to the post, so the coating thickness must be taken into consideration when determining the actual drill size.

SKU	CableØ	Description	Post Side A Location			Post Side B Location		
			Bushing SKU	Bushing I.D.	Post HoleØ	Bushing SKU	Bushing I.D.	Post HoleØ
4140	1/8"	1x19 Stainless Steel Cable	1101	3/16"	1/4"	1101	3/16"	1/4"
4126	1/8"	7x7 Stainless Steel Cable	1101	3/16"	1/4"	1101	3/16"	1/4"
4117	3/16"	1x19 Stainless Steel Cable	1102	1/4"	5/16"	1102	1/4"	5/16"
4129	3/16"	7x7 Stainless Steel Cable	1102	1/4"	5/16"	1102	1/4"	5/16"
4118	1/4"	1x19 Stainless Steel Cable	1104	9/32"	23/64"	1104	9/32"	23/64"
4200	1/4"	7x7 Stainless Steel Cable	1104	9/32"	23/64"	1104	9/32"	23/64"
3191	1/8"	Threaded Terminal (Machine)	1102	1/4"	5/16"	1102	1/4"	5/16"
3193	1/8"	Threaded Terminal (Machine)	1102	1/4"	5/16"	1102	1/4"	5/16"
3168	1/8"	Threaded Terminal (Machine)	1102	1/4"	5/16"	1102	1/4"	5/16"
3197	1/8"	Threaded Terminal (Machine)	1102	1/4"	5/16"	1102	1/4"	5/16"
3250	1/8"	Threaded Terminal (Machine)	1102	1/4"	5/16"	1102	1/4"	5/16"
3253	3/16"	Threaded Terminal (Machine)	*1100	3/8"	15/32"	1102	1/4"	5/16"
3256	3/16"	Threaded Terminal (Machine)	*1100	3/8"	15/32"	1102	1/4"	5/16"
3198	3/16"	Threaded Terminal (Machine)	*1100	3/8"	15/32"	1102	1/4"	5/16"
3254	3/16"	Threaded Terminal (Machine)	*1100	3/8"	15/32"	1102	1/4"	5/16"
5050	1/4"	Threaded Terminal (Machine)	*1105	7/16"	17/32"	1115	5/16"	3/8"
3249	1/4"	Threaded Terminal (Machine)	*1105	7/16"	17/32"	1115	5/16"	3/8"
3260	1/8"	Threaded Terminal (Hand)	1102	1/4"	5/16"	1102	1/4"	5/16"
3251	1/8"	Threaded Terminal (Hand)	1102	1/4"	5/16"	1102	1/4"	5/16"
3190	1/8"	Threaded Terminal (Hand)	1102	1/4"	5/16"	1102	1/4"	5/16"
3247	1/8"	Threaded Terminal (Hand)	1102	1/4"	5/16"	1102	1/4"	5/16"
3263	3/16"	Threaded Terminal (Hand)	*1100	3/8"	15/32"	1102	1/4"	5/16"
3264	3/16"	Threaded Terminal (Hand)	*1100	3/8"	15/32"	1102	1/4"	5/16"
3192	3/16"	Threaded Terminal (Hand)	*1100	3/8"	15/32"	1102	1/4"	5/16"
3248	3/16"	Threaded Terminal (Hand)	*1100	3/8"	15/32"	1102	1/4"	5/16"
* if swage shank does not penetrate the post side "A", then use "B" side bushing & hole size for both sides of post.								
3266-1.5	1/8"	Internal Thread Adjuster (Machine)	1102	1/4"	5/16"	1102	1/4"	5/16"
3266-2	1/8"	Internal Thread Adjuster (Machine)	1102	1/4"	5/16"	1102	1/4"	5/16"
3266-3	1/8"	Internal Thread Adjuster (Machine)	1102	1/4"	5/16"	1102	1/4"	5/16"
3267-1.5	3/16"	Internal Thread Adjuster (Machine)	*1100	3/8"	15/32"	1102	1/4"	5/16"
3267-2	3/16"	Internal Thread Adjuster (Machine)	*1100	3/8"	15/32"	1102	1/4"	5/16"
3267-3	3/16"	Internal Thread Adjuster (Machine)	*1100	3/8"	15/32"	1102	1/4"	5/16"
* if swage shank does not penetrate the post side "A", then use "B" side bushing & hole size for both sides of post.								
3325	1/8"	Cap End Turnbuckle (Machine)	1102	1/4"	5/16"	1102	1/4"	5/16"
3326	3/16"	Cap End Turnbuckle (Machine)	1102	1/4"	5/16"	1102	1/4"	5/16"
3327	1/4"	Cap End Turnbuckle (Machine)	1115	5/16"	3/8"	1115	5/16"	3/8"
3328	1/8"	Cap End Turnbuckle (Hand)	1102	1/4"	5/16"	1102	1/4"	5/16"
3329	3/16"	Cap End Turnbuckle (Hand)	1102	1/4"	5/16"	1102	1/4"	5/16"
3340	1/8"	Ball End Turnbuckle (Machine)	1102	1/4"	5/16"	1102	1/4"	5/16"
3341	3/16"	Ball End Turnbuckle (Machine)	1102	1/4"	5/16"	1102	1/4"	5/16"
3342	1/4"	Ball End Turnbuckle (Machine)	1115	5/16"	3/8"	1115	5/16"	3/8"
3343	1/8"	Ball End Turnbuckle (Hand)	1102	1/4"	5/16"	1102	1/4"	5/16"
3344	3/16"	Ball End Turnbuckle (Hand)	1102	1/4"	5/16"	1102	1/4"	5/16"
3300	1/8"	Sleekline Cap End TB (Machine)	1102	1/4"	5/16"	1102	1/4"	5/16"
3302	3/16"	Sleekline Cap End TB (Machine)	1102	1/4"	5/16"	1102	1/4"	5/16"
3305	1/8"	Sleekline Cap End TB (Hand)	1102	1/4"	5/16"	1102	1/4"	5/16"
3282	3/16"	Sleekline Cap End TB (Hand)	1102	1/4"	5/16"	1102	1/4"	5/16"

3345	1/8"	Sleekline Ball End TB (Machine)	1102	1/4"	5/16"	1102	1/4"	5/16"
3346	3/16"	Sleekline Ball End TB (Machine)	1102	1/4"	5/16"	1102	1/4"	5/16"
3350	1/8"	Sleekline Ball End TB (Hand)	1102	1/4"	5/16"	1102	1/4"	5/16"
3351	3/16"	Sleekline Ball End TB (Hand)	1102	1/4"	5/16"	1102	1/4"	5/16"
3315	1/8"	Fixed Cap End (Machine)	1102	1/4"	5/16"	1102	1/4"	5/16"
3316	3/16"	Fixed Cap End (Machine)	1100	3/8"	15/32"	1102	1/4"	5/16"
3317	1/4"	Fixed Cap End (Machine)	1105	7/16"	17/32"	1115	5/16"	3/8"
3318	1/8"	Fixed Cap End (Hand)	1102	1/4"	5/16"	1102	1/4"	5/16"
3319	3/16"	Fixed Cap End (Hand)	1100	3/8"	15/32"	1102	1/4"	5/16"
3352	1/8"	Fixed Ball End (Machine)	1102	1/4"	5/16"	1102	1/4"	5/16"
3353	3/16"	Fixed Ball End (Machine)	1100	3/8"	15/32"	1102	1/4"	5/16"
3354	1/4"	Fixed Ball End (Machine)	1105	7/16"	17/32"	1115	5/16"	3/8"
3355	1/8"	Fixed Ball Cap End (Hand)	1102	1/4"	5/16"	1102	1/4"	5/16"
3356	3/16"	Fixed Ball End (Hand)	1100	3/8"	15/32"	1102	1/4"	5/16"
3287	1/8"	Fixed Button Head (Machine)	1102	1/4"	5/16"	1102	1/4"	5/16"
3169	1/8"	Fixed Lock Toggle (Machine)	1102	1/4"	5/16"	NA	NA	NA
3164	1/8"	Fixed Lock Toggle (Hand)	1102	1/4"	5/16"	NA	NA	NA
3146	1/8"	Quick-Connect®SS	*1101	3/16"	1/4"	1100	3/8"	15/32"
3147	3/16"	Quick-Connect®SS	*1102	1/4"	5/16"	1103	35/64"	5/8"
3148	1/4"	Quick-Connect®SS	*1104	9/32"	23/64"	1103	35/64"	5/8"
* if Quick-Connect protrudes through both sides of the post, then use "B" side bushing & hole size for both sides of post.								
9904	1/8"	Quick-Connect® Threaded Terminal	*1118	15/32"	35/64"	1102	1/4"	5/16"
* if Quick-Connect end does not penetrate the post side "A", then use "B" side bushing & hole size for both sides of post.								
9907	1/8"	Quick-Connect® Internal Thrd. Adj.	*1118	15/32"	35/64"	1102	1/4"	5/16"
9908	1/8"	Quick-Connect® Internal Thrd. Adj.	*1118	15/32"	35/64"	1102	1/4"	5/16"
9909	1/8"	Quick-Connect® Internal Thrd. Adj.	*1118	15/32"	35/64"	1102	1/4"	5/16"
* if Quick-Connect end does not penetrate the post side "A", then use "B" side bushing & hole size for both sides of post.								

New Iglide® Isolation Bushing & Grommet SKU #s and Dimensional Information

11-Aug

Important Note: the *Recommended Hole Size* is the size that the post hole must be after any galvanizing and paint coatings are applied to the post, so the coating thickness must be taken into consideration when determining the actual drill size.

FOR NON-DESIGNRAIL METAL POSTS (BUSHING STYLE)

1/8" Assembly Isolation Bushings for Metal Posts

Post Usage Location	FWR SKU	Mfr Code	Bore ID		Shank OD		Shank Length below Flange		Flange OD		Recommend Hole Size
			Mfr. Cat.	Closest Fraction	Mfr. Cat.	Closest Fraction	Mfr. Cat.	Closest Fraction	Mfr. Cat.	Closest Fraction	
QC post--outside	1100	GF1-0607-04	3/8"	3/8"	15/32"	15/32"	.204"	13/64"	.687"	11/16"	15/32"
QC post--inside (cable only)	1101	GF1-0304-04	3/16"	3/16"	1/4"	1/4"	.218"	7/32"	.375"	3/8"	1/4"
Intermediate post--both sides (cable only)	1101	GF1-0304-04	3/16"	3/16"	1/4"	1/4"	.218"	7/32"	.375"	3/8"	1/4"
TT post--inside	1102	GF1-0405-04	1/4"	1/4"	5/16"	5/16"	.218"	7/32"	.500"	1/2"	5/16"
TT post--outside (nut side)	1102	GF1-0405-04	1/4"	1/4"	5/16"	5/16"	.218"	7/32"	.500"	1/2"	5/16"

3/16" Assembly Isolation Bushings for Metal Posts

Post Usage Location	FWR SKU	Mfr Code	Bore ID		Shank OD		Shank Length below Flange		Flange OD		Recommend Hole Size
			Mfr. Cat.	Closest Fraction	Mfr. Cat.	Closest Fraction	Mfr. Cat.	Closest Fraction	Mfr. Cat.	Closest Fraction	
QC post--outside	1103	GF1-1416-05	1/4"	1/4"	5/16"	5/16"	.218"	7/32"	.500"	1/2"	5/16"
QC post--inside (cable only)	1102	GF1-0405-04	1/4"	1/4"	5/16"	5/16"	.218"	7/32"	.500"	1/2"	5/16"
Intermediate post--both sides (cable only)	1102	GF1-0405-04	1/4"	1/4"	5/16"	5/16"	.218"	7/32"	.500"	1/2"	5/16"
TT post--inside	1100	GF1-0607-04	3/8"	3/8"	15/32"	15/32"	.204"	13/64"	.687"	11/16"	15/32"
TT post--outside (nut side)	1102	GF1-0405-04	1/4"	1/4"	5/16"	5/16"	.218"	7/32"	.500"	1/2"	5/16"

1/4" Assembly Isolation Bushings for Metal Posts

Post Usage Location	FWR SKU	Mfr Code	Bore ID		Shank OD		Shank Length below Flange		Flange OD		Recommend Hole Size
			Mfr. Cat.	Closest Fraction	Mfr. Cat.	Closest Fraction	Mfr. Cat.	Closest Fraction	Mfr. Cat.	Closest Fraction	
QC post--outside	1103	GF1-1416-05	1/4"	1/4"	5/8"	5/8"	.218"	13/64"	.500"	1/2"	5/16"
QC post--inside (cable only)	1104	GF1-0709-05	7mm	9/32"	9mm	23/64"	.204"	13/64"	.750"	3/4"	23/64"
Intermediate post--both sides (cable only)	1104	GF1-0709-05	7mm	9/32"	9mm	23/64"	.204"	13/64"	.750"	3/4"	23/64"
TT post--inside	1105	GF1-0708-04	7/16"	7/16"	17/32"	17/32"	.218"	7/32"	.562"	9/16"	17/32"
TT post--outside (nut side)	1115	GF1-0506-04	5/16"	5/16"	3/8"	3/8"	.218"	7/32"	.562"	9/16"	3/8"

Plastic Isolation Bushings for Non-DesignRail Posts with 1/8" MQC Threaded Terminal or MQC Internal Thread Adjuster Embedded

Post Usage Location	FWR SKU	Mfr Code	Bore ID		Shank OD		Shank Length below Flange		Flange OD		Recommend Hole Size
			Mfr. Cat.	Closest Fraction	Mfr. Cat.	Closest Fraction	Mfr. Cat.	Closest Fraction	Mfr. Cat.	Closest Fraction	
MQC post--outside (threaded end)	1102	GF1-0405-04	1/4"	1/4"	5/16"	5/16"	.218"	7/32"	.500"	1/2"	5/16"
MQC post--inside	1118	GF1-1214-05	12mm	15/32"	14mm	35/64"	.218"	13/64"	20mm	25/32"	35/64"