



Precision Connections HYDRA - Flush Joint Blanking Dimensions

HYDRA 3.5in. x 9.2 lb/ft P-110 Flush Joint

Pipe Body

Nominal OD	3.500	inches	Plain End Weight	8.81	lb/ft
Nominal Weight	9.20	lb/ft	Drift	2.867	inches
Wall Thickness	0.254	inches	Nominal ID	2.992	inches

Pin Blanking Dimensions



Pin OD Max	3.531	inches	Pin Minimum Length	4.250	inches
Pin OD Min	3.500	inches	Additional Recut Length	1.750	inches
Pin ID	2.992 ± .010	inches			

Box Blanking Dimensions



Box OD Max	3.531	inches	Box Minimum Length	4.250	inches
Box OD Min	3.500	inches	Additional Recut Length	1.750	inches
Box ID	2.992 ± .010	inches			

OD and ID transitions to be tapered at 30 degrees to avoid hangups and no drift situations

v1.2

7/9/2019



Precision Connections HYDRA - Flush Joint Blanking Dimensions

HYDRA 4in. x 11.6 lb/ft P-110 Flush Joint

Pipe Body

Nominal OD	4.000	inches	Plain End Weight	11.34	lb/ft
Nominal Weight	11.60	lb/ft	Drift	3.303	inches
Wall Thickness	0.286	inches	Nominal ID	3.428	inches

Pin Blanking Dimensions



Pin OD Max	4.031	inches	Pin Minimum Length	4.250	inches
Pin OD Min	4.000	inches	Additional Recut Length	1.750	inches
Pin ID	3.428 ± .010	inches			

Box Blanking Dimensions



Box OD Max	4.031	inches	Box Minimum Length	4.250	inches
Box OD Min	4.000	inches	Additional Recut Length	1.750	inches
Box ID	3.428 ± .010	inches			

OD and ID transitions to be tapered at 30 degrees to avoid hangups and no drift situations

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Precision Connections HYDRA - Flush Joint Blanking Dimensions

HYDRA 4.5in. x 11.6 lb/ft P-110 Flush Joint

Pipe Body

Nominal OD	4.500	inches	Plain End Weight	11.35	lb/ft
Nominal Weight	11.60	lb/ft	Drift	3.875	inches
Wall Thickness	0.250	inches	Nominal ID	4.000	inches

Pin Blanking Dimensions



Pin OD Max	4.545	inches	Pin Minimum Length	4.250	inches
Pin OD Min	4.500	inches	Additional Recut Length	1.750	inches
Pin ID	4.000 ± .010	inches			

Box Blanking Dimensions



Box OD Max	4.545	inches	Box Minimum Length	4.250	inches
Box OD Min	4.500	inches	Additional Recut Length	1.750	inches
Box ID	4.000 ± .010	inches			

OD and ID transitions to be tapered at 30 degrees to avoid hangups and no drift situations

v1.2

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Precision Connections HYDRA - Flush Joint Blanking Dimensions

HYDRA 4.5in. x 13.5 lb/ft P-110 Flush Joint

Pipe Body

Nominal OD	4.500	inches	Plain End Weight	13.04	lb/ft
Nominal Weight	13.50	lb/ft	Drift	3.795	inches
Wall Thickness	0.290	inches	Nominal ID	3.920	inches

Pin Blanking Dimensions



Pin OD Max	4.545	inches	Pin Minimum Length	4.500	inches
Pin OD Min	4.500	inches	Additional Recut Length	2.000	inches
Pin ID	3.920 ± .010	inches			

Box Blanking Dimensions



Box OD Max	4.545	inches	Box Minimum Length	4.500	inches
Box OD Min	4.500	inches	Additional Recut Length	2.000	inches
Box ID	3.920 ± .010	inches			

OD and ID transitions to be tapered at 30 degrees to avoid hangups and no drift situations

v1.2

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Precision Connections HYDRA - Flush Joint Blanking Dimensions

HYDRA 5in. x 18 lb/ft P-110 Flush Joint

Pipe Body

Nominal OD	5.000	inches	Plain End Weight	17.93	lb/ft
Nominal Weight	18.00	lb/ft	Drift	4.151	inches
Wall Thickness	0.362	inches	Nominal ID	4.276	inches

Pin Blanking Dimensions



Pin OD Max	5.050	inches	Pin Minimum Length	5.000	inches
Pin OD Min	5.000	inches	Additional Recut Length	2.000	inches
Pin ID	4.276 ± .010	inches			

Box Blanking Dimensions



Box OD Max	5.050	inches	Box Minimum Length	5.000	inches
Box OD Min	5.000	inches	Additional Recut Length	2.000	inches
Box ID	4.276 ± .010	inches			

OD and ID transitions to be tapered at 30 degrees to avoid hangups and no drift situations

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Precision Connections HYDRA - Flush Joint Blanking Dimensions

HYDRA 5.5in. x 17 lb/ft P-110 Flush Joint

Pipe Body

Nominal OD	5.500	inches	Plain End Weight	16.87	lb/ft
Nominal Weight	17.00	lb/ft	Drift	4.767	inches
Wall Thickness	0.304	inches	Nominal ID	4.892	inches

Pin Blanking Dimensions



Pin OD Max	5.555	inches	Pin Minimum Length	4.750	inches
Pin OD Min	5.500	inches	Additional Recut Length	2.000	inches
Pin ID	4.892 ± .010	inches			

Box Blanking Dimensions



Box OD Max	5.555	inches	Box Minimum Length	4.750	inches
Box OD Min	5.500	inches	Additional Recut Length	2.000	inches
Box ID	4.892 ± .010	inches			

OD and ID transitions to be tapered at 30 degrees to avoid hangups and no drift situations

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Precision Connections HYDRA - Flush Joint Blanking Dimensions

HYDRA 5.5in. x 20 lb/ft P-110 Flush Joint

Pipe Body

Nominal OD	5.500	inches	Plain End Weight	19.81	lb/ft
Nominal Weight	20.00	lb/ft	Drift	4.653	inches
Wall Thickness	0.361	inches	Nominal ID	4.778	inches

Pin Blanking Dimensions



Pin OD Max	5.555	inches	Pin Minimum Length	5.000	inches
Pin OD Min	5.500	inches	Additional Recut Length	2.250	inches
Pin ID	4.778 ± .010	inches			

Box Blanking Dimensions



Box OD Max	5.555	inches	Box Minimum Length	5.000	inches
Box OD Min	5.500	inches	Additional Recut Length	2.250	inches
Box ID	4.778 ± .010	inches			

OD and ID transitions to be tapered at 30 degrees to avoid hangups and no drift situations

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Precision Connections HYDRA - Flush Joint Blanking Dimensions

HYDRA 5.5in. x 23 lb/ft P-110 Flush Joint

Pipe Body

Nominal OD	5.500	inches	Plain End Weight	22.54	lb/ft
Nominal Weight	23.00	lb/ft	Drift	4.545	inches
Wall Thickness	0.415	inches	Nominal ID	4.670	inches

Pin Blanking Dimensions



Pin OD Max	5.555	inches	Pin Minimum Length	5.250	inches
Pin OD Min	5.500	inches	Additional Recut Length	2.250	inches
Pin ID	4.670 ± .010	inches			

Box Blanking Dimensions



Box OD Max	5.555	inches	Box Minimum Length	5.250	inches
Box OD Min	5.500	inches	Additional Recut Length	2.250	inches
Box ID	4.670 ± .010	inches			

OD and ID transitions to be tapered at 30 degrees to avoid hangups and no drift situations

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Precision Connections HYDRA - Flush Joint Blanking Dimensions

HYDRA-XL 7.625in. x 29.7 lb/ft P110 EB Flush Joint

Pipe Body

Nominal OD	7.625	inches	Plain End Weight	29.04	lb/ft
Nominal Weight	29.70	lb/ft	Drift	6.750	inches
Wall Thickness	0.375	inches	Nominal ID	6.875	inches

Pin Blanking Dimensions



Pin OD Max	7.701	inches	Pin Minimum Length	5.750	inches
Pin OD Min	7.675	inches	Additional Recut Length	2.750	inches
Pin ID	6.875 ± .010	inches			

Box Blanking Dimensions



Box OD Max	7.701	inches	Box Minimum Length	5.750	inches
Box OD Min	7.675	inches	Additional Recut Length	2.750	inches
Box ID	6.875 ± .010	inches			

OD and ID transitions to be tapered at 30 degrees to avoid hangups and no drift situations

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