

HPS HYDRA-PACK ROD SEAL

C/S (WIDTH)	HP #	PART NUMBER	NOM ID	NOM OD	NOM DEPTH	GROOVE DEPTH A	ROD APPLICATION		
							ROD B	THROAT C	GROOVE D
1/8"	Tolerance Limits					+010 -.000	+000 -.001	+002 -.000	+002 -.000
	HP-	125-00.125-250	1/8	3/8	1/8 1/4	.138 .275	.125	.126	.375
	HP-	125-00.187-250	3/16	7/16	1/8 1/4	.138 .275	.187	.188	.437
	HP-	125-00.250-250	1/4	1/2	1/8 1/4	.138 .275	.250	.251	.500
	HP-	125-00.312-250	5/16	9/16	1/8 1/4	.138 .275	.312	.313	.562
	HP-	125-00.375-250	3/8	5/8	1/8 1/4	.138 .275	.375	.376	.625
	HP-	125-00.437-250	7/16	11/16	1/8 1/4	.138 .275	.437	.438	.687
	HP-	125-00.500-250	1/2	3/4	1/8 1/4	.138 .275	.500	.501	.750
	HP-	125-00.562-250	9/16	13/16	1/8 1/4	.138 .275	.562	.563	.812
	HP-	125-00.625-250	5/8	7/8	1/8 1/4	.138 .275	.625	.626	.875
	HP-	125-00.687-250	11/16	15/16	1/8 1/4	.138 .275	.687	.688	.937
	HP-	125-00.750-250	3/4	1	1/8 1/4	.138 .275	.750	.751	1.000
	HP-	125-00.812-250	13/16	1-1/16	1/8 1/4	.138 .275	.812	.813	1.062
	HP-	125-00.875-250	7/8	1-1/8	1/8 1/4	.138 .275	.875	.876	1.125
	HP-	125-00.937-250	15/16	1-3/16	1/8 1/4	.138 .275	.937	.938	1.187
	HP-	125-01.000-250	1	1-1/4	1/8 1/4	.138 .275	1.000	1.001	1.250
	HP-	125-01.062-250	1-1/16	1-5/16	1/8 1/4	.138 .275	1.062	1.063	1.312
	HP-	125-01.125-250	1-1/8	1-3/8	1/8 1/4	.138 .275	1.125	1.126	1.375
	HP-	125-01.187-250	1-3/16	1-7/16	1/8 1/4	.138 .275	1.187	1.188	1.437
	HP-	125-01.250-250	1-1/4	1-1/2	1/8 1/4	.138 .275	1.250	1.251	1.500
	HP-	125-01.312-250	1-5/16	1-9/16	1/8 1/4	.138 .275	1.312	1.313	1.562
	HP-	125-01.375-250	1-3/8	1-5/8	1/8 1/4	.138 .275	1.375	1.376	1.625
	HP-	125-01.437-250	1-7/16	1-11/16	1/8 1/4	.138 .275	1.437	1.438	1.687
	HP-	125-01.500-250	1-1/2	1-3/4	1/8 1/4	.138 .275	1.500	1.501	1.750
	HP-	125-01.625-250	1-5/8	1-7/8	1/8 1/4	.138 .275	1.625	1.626	1.875
	HP-	125-01.750-250	1-3/4	2	1/8 1/4	.138 .275	1.750	1.751	2.000
	HP-	125-01.875-250	1-7/8	2-1/8	1/8 1/4	.138 .275	1.875	1.876	2.125
	HP-	125-02.000-250	2	2-1/4	1/8 1/4	.138 .275	2.000	2.001	2.250
	HP-	125-02.125-250	2-1/8	2-3/8	1/8 1/4	.138 .275	2.125	2.126	2.375
	HP-	125-02.250-250	2-1/4	2-1/2	1/8 1/4	.138 .275	2.250	2.251	2.500
	HP-	125-02.375-250	2-3/8	2-5/8	1/8 1/4	.138 .275	2.375	2.376	2.625
	HP-	125-02.500-250	2-1/2	2-3/4	1/8 1/4	.138 .275	2.500	2.501	2.750

HPS HYDRA-PACK ROD SEAL

C/S (WIDTH)	HP #	PART NUMBER	NOM ID	NOM OD	NOM DEPTH	GROOVE DEPTH A	ROD APPLICATION		
							ROD B	THROAT C	GROOVE D
3/16"	Tolerance Limits					+0.10 -0.000	+0.000 -0.002	+0.002 -0.000	+0.002 -0.000
	HP-	187-00.187-312	3/16	9/16	3/16 5/16	.207 .344	.187	.188	.562
	HP-	187-00.250-312	1/4	5/8	3/16 5/16	.207 .344	.250	.251	.625
	HP-	187-00.312-312	5/16	11/16	3/16 5/16	.207 .344	.312	.313	.687
	HP-	187-00.375-312	3/8	3/4	3/16 5/16	.207 .344	.375	.376	.750
	HP-	187-00.437-312	7/16	13/16	3/16 5/16	.207 .344	.437	.438	.812
	HP-	187-00.500-312	1/2	7/8	3/16 5/16	.207 .344	.500	.501	.875
	HP-	187-00.562-312	9/16	15/16	3/16 5/16	.207 .344	.562	.563	.937
	HP-	187-00.625-312	5/8	1	3/16 5/16	.207 .344	.625	.626	1.000
	HP-	187-00.687-312	11/16	1-1/16	3/16 5/16	.207 .344	.687	.688	1.062
	HP-	187-00.750-312	3/4	1-1/8	3/16 5/16	.207 .344	.750	.751	1.125
	HP-	187-00.812-312	13/16	1-3/16	3/16 5/16	.207 .344	.812	.813	1.187
	HP-	187-00.875-312	7/8	1-1/4	3/16 5/16	.207 .344	.875	.876	1.250
	HP-	187-00.937-312	15/16	1-5/16	3/16 5/16	.207 .344	.937	.938	1.312
	HP-	187-01.000-312	1	1-3/8	3/16 5/16	.207 .344	1.000	1.001	1.375
	HP-	187-01.062-312	1-1/16	1-7/16	3/16 5/16	.207 .344	1.062	1.063	1.437
	HP-	187-01.125-312	1-1/8	1-1/2	3/16 5/16	.207 .344	1.125	1.126	1.500
	HP-	187-01.187-312	1-3/16	1-9/16	3/16 5/16	.207 .344	1.187	1.188	1.562
	HP-	187-01.250-312	1-1/4	1-5/8	3/16 5/16	.207 .344	1.250	1.251	1.625
	HP-	187-01.312-312	1-5/16	1-11/16	3/16 5/16	.207 .344	1.312	1.313	1.687
	HP-	187-01.375-312	1-3/8	1-3/4	3/16 5/16	.207 .344	1.375	1.376	1.750
	HP-	187-01.437-312	1-7/16	1-13/16	3/16 5/16	.207 .344	1.437	1.438	1.812
	HP-	187-01.500-375	1-1/2	1-7/8	3/16 3/8	.207 .413	1.500	1.501	1.875
	HP-	187-01.625-375	1-5/8	2	3/16 3/8	.207 .413	1.625	1.626	2.000
	HP-	187-01.687-375	1-11/16	2-1/16	3/16 3/8	.207 .413	1.687	1.688	2.062
	HP-	187-01.750-375	1-3/4	2-1/8	3/16 3/8	.207 .413	1.750	1.751	2.125
	HP-	187-01.875-375	1-7/8	2-1/4	3/16 3/8	.207 .413	1.875	1.876	2.250
	HP-	187-02.000-375	2	2-3/8	3/16 3/8	.207 .413	2.000	2.001	2.375
	HP-	187-02.125-375	2-1/8	2-1/2	3/16 3/8	.207 .413	2.125	2.126	2.500
	HP-	187-02.250-375	2-1/4	2-5/8	3/16 3/8	.207 .413	2.250	2.251	2.625
	HP-	187-02.375-375	2-3/8	2-3/4	3/16 3/8	.207 .413	2.375	2.376	2.750
	HP-	187-02.500-375	2-1/2	2-7/8	3/16 3/8	.207 .413	2.500	2.501	2.875

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C/S (WIDTH)	HP #	PART NUMBER	NOM ID	NOM OD	NOM DEPTH	GROOVE DEPTH A	ROD APPLICATION		
							ROD B	THROAT C	GROOVE D
3/16"	Tolerance Limits					+ .010 - .000	+ .000 - .002	+ .002 - .000	+ .002 - .000
	HP-	187-02.625-375	2-5/8	3	3/16 3/8	.207 .413	2.625	2.626	3.000
	HP-	187-02.750-375	2-3/4	3-1/8	3/16 3/8	.207 .413	2.750	2.751	3.125
	HP-	187-02.875-375	2-7/8	3-1/4	3/16 3/8	.207 .413	2.875	2.876	3.250
	HP-	187-03.000-375	3	3-3/8	3/16 3/8	.207 .413	3.000	3.001	3.375
	HP-	187-03.125-375	3-1/8	3-1/2	3/16 3/8	.207 .413	3.125	3.126	3.500
	HP-	187-03.250-375	3-1/4	3-5/8	3/16 3/8	.207 .413	3.250	3.251	3.625
	HP-	187-03.375-375	3-3/8	3-3/4	3/16 3/8	.207 .413	3.375	3.376	3.750
	HP-	187-03.500-375	3-1/2	3-7/8	3/16 3/8	.207 .413	3.500	3.501	3.875
	HP-	187-03.625-375	3-5/8	4	3/16 3/8	.207 .413	3.625	3.626	4.000
	HP-	187-03.750-375	3-3/4	4-1/8	3/16 3/8	.207 .413	3.750	3.751	4.125
	HP-	187-03.875-375	3-7/8	4-1/4	3/16 3/8	.207 .413	3.875	3.876	4.250
	HP-	187-04.000-375	4	4-3/8	3/16 3/8	.207 .413	4.000	4.001	4.375
	HP-	187-04.125-375	4-1/8	4-1/2	3/16 3/8	.207 .413	4.125	4.126	4.500
	HP-	187-04.250-375	4-1/4	4-3/4	3/16 3/8	.207 .413	4.250	4.251	4.625
	HP-	187-04.375-375	4-3/8	4-3/4	3/16 3/8	.207 .413	4.375	4.376	4.750
	HP-	187-04.500-375	4-1/2	4-7/8	3/16 3/8	.207 .413	4.500	4.501	4.875

HPS HYDRA-PACK ROD SEAL

C/S (WIDTH)	HP #	PART NUMBER	NOM ID	NOM OD	NOM DEPTH	GROOVE DEPTH A	ROD APPLICATION		
							ROD B	THROAT C	GROOVE D
1/4"	Tolerance Limits					+0.010 -0.000	+0.000 -0.002	+0.003 -0.000	+0.003 -0.000
	HP-	250-00.250-375	1/4	3/4	1/4 3/8	.275 .413	.250	.251	.750
	HP-	250-00.312-375	5/16	13/16	1/4 3/8	.275 .413	.312	.313	.812
	HP-	250-00.375-375	3/8	7/8	1/4 3/8	.275 .413	.375	.376	.875
	HP-	250-00.437-375	7/16	15/16	1/4 3/8	.275 .413	.437	.438	.937
	HP-	250-00.500-375	1/2	1	1/4 3/8	.275 .413	.500	.501	1.000
	HP-	250-00.562-375	9/16	1-1/16	1/4 3/8	.275 .413	.562	.563	1.062
	HP-	250-00.625-375	5/8	1-1/8	1/4 3/8	.275 .413	.625	.626	1.125
	HP-	250-00.687-375	11/16	1-3/16	1/4 3/8	.275 .413	.687	.688	1.187
	HP-	250-00.750-375	3/4	1-1/4	1/4 3/8	.275 .413	.750	.751	1.250
	HP-	250-00.812-375	13/16	1-5/16	1/4 3/8	.275 .413	.812	.813	1.312
	HP-	250-00.875-375	7/8	1-3/8	1/4 3/8	.275 .413	.875	.876	1.375
	HP-	250-00.937-375	15/16	1-7/16	1/4 3/8	.275 .413	.937	.938	1.437
	HP-	250-01.000-375	1	1-1/2	1/4 3/8	.275 .413	1.000	1.001	1.500
	HP-	250-01.062-375	1-1/16	1-9/16	1/4 3/8	.275 .413	1.062	1.063	1.562
	HP-	250-01.125-375	1-1/8	1-5/8	1/4 3/8	.275 .413	1.125	1.126	1.625
	HP-	250-01.187-375	1-3/16	1-11/16	1/4 3/8	.275 .413	1.187	1.188	1.687
	HP-	250-01.250-375	1-1/4	1-3/4	1/4 3/8	.275 .413	1.250	1.251	1.750
	HP-	250-01.312-375	1-5/16	1-13/16	1/4 3/8	.275 .413	1.312	1.313	1.812
	HP-	250-01.375-375	1-3/8	1-7/8	1/4 3/8	.275 .413	1.375	1.376	1.875
	HP-	250-01.437-375	1-7/16	1-15/16	1/4 3/8	.275 .413	1.437	1.438	1.937
	HP-	250-01.500-375	1-1/2	2	1/4 3/8	.275 .413	1.500	1.501	2.000
	HP-	250-01.625-375	1-5/8	2-1/8	1/4 3/8	.275 .413	1.625	1.626	2.125
	HP-	250-01.750-375	1-3/4	2-1/4	1/4 3/8	.275 .413	1.750	1.751	2.250
	HP-	250-01.875-375	1-7/8	2-3/8	1/4 3/8	.275 .413	1.875	1.876	2.375
	HP-	250-02.000-375	2	2-1/2	1/4 3/8	.275 .413	2.000	2.001	2.500
	HP-	250-02.125-375	2-1/8	2-5/8	1/4 3/8	.275 .413	2.125	2.126	2.625
	HP-	250-02.250-375	2-1/4	2-3/4	1/4 3/8	.275 .413	2.250	2.251	2.750
	HP-	250-02.375-375	2-3/8	2-7/8	1/4 3/8	.275 .413	2.375	2.376	2.875
	HP-	250-02.500-375	2-1/2	3	1/4 3/8	.275 .413	2.500	2.501	3.000
	HP-	250-02.625-375	2-5/8	3-1/8	1/4 3/8	.275 .413	2.625	2.626	3.125
	HP-	250-02.750-375	2-3/4	3-1/4	1/4 3/8	.275 .413	2.750	2.751	3.250

HPS HYDRA-PACK ROD SEAL

C/S (WIDTH)	HP #	PART NUMBER	NOM ID	NOM OD	NOM DEPTH	GROOVE DEPTH A	ROD APPLICATION		
							ROD B	THROAT C	GROOVE D
1/4"	Tolerance Limits					+010 -.000	+000 -.002	+003 -.000	+003 -.000
	HP-	250-02.875-375	2-7/8	3-3/8	1/4 3/8	.275 .413	2.875	2.876	3.375
	HP-	250-03.000-375	3	3-1/2	1/4 3/8	.275 .413	3.000	3.001	3.500
	HP-	250-03.125-375	3-1/8	3-5/8	1/4 3/8	.275 .413	3.125	3.126	3.625
	HP-	250-03.250-375	3-1/4	3-3/4	1/4 3/8	.275 .413	3.250	3.251	3.750
	HP-	250-03.375-375	3-3/8	3-7/8	1/4 3/8	.275 .413	3.375	3.376	3.875
	HP-	250-03.500-375	3-1/2	4	1/4 3/8	.275 .413	3.500	3.501	4.000
	HP-	250-03.625-375	3-5/8	4-1/8	1/4 3/8	.275 .413	3.625	3.626	4.125
	HP-	250-03.750-375	3-3/4	4-1/4	1/4 3/8	.275 .413	3.750	3.751	4.250
	HP-	250-04.000-562	4	4-1/2	1/4 9/16	.275 .619	4.000	4.001	4.500
	HP-	250-04.125-562	4-1/8	4-5/8	1/4 9/16	.275 .619	4.125	4.126	4.625
	HP-	250-04.250-562	4-1/4	4-3/4	1/4 9/16	.275 .619	4.250	4.251	4.750
	HP-	250-04.375-562	4-3/8	4-7/8	1/4 9/16	.275 .619	4.375	4.376	4.875
	HP-	250-04.500-562	4-1/2	5	1/4 9/16	.275 .619	4.500	4.501	5.000
	HP-	250-04.625-562	4-5/8	5-1/8	1/4 9/16	.275 .619	4.625	4.626	5.125
	HP-	250-04.750-562	4-3/4	5-1/4	1/4 9/16	.275 .619	4.750	4.751	5.250
	HP-	250-04.875-562	4-7/8	5-3/8	1/4 9/16	.275 .619	4.875	4.876	5.375
	HP-	250-05.000-562	5	5-1/2	1/4 9/16	.275 .619	5.000	5.001	5.500
	HP-	250-05.125-562	5-1/8	5-5/8	1/4 9/16	.275 .619	5.125	5.126	5.625
	HP-	250-05.250-562	5-1/4	5-3/4	1/4 9/16	.275 .619	5.250	5.251	5.750
	HP-	250-05.375-562	5-3/8	5-7/8	1/4 9/16	.275 .619	5.375	5.376	5.875
	HP-	250-05.500-562	5-1/2	6	1/4 9/16	.275 .619	5.500	5.501	6.000
	HP-	250-05.625-562	5-5/8	6-1/8	1/4 9/16	.275 .619	5.625	5.626	6.125
	HP-	250-05.750-562	5-3/4	6-1/4	1/4 9/16	.275 .619	5.750	5.751	6.250
	HP-	250-05.875-562	5-7/8	6-3/8	1/4 9/16	.275 .619	5.875	5.876	6.375
	HP-	250-06.000-562	6	6-1/2	1/4 9/16	.275 .619	6.000	6.001	6.500
	HP-	250-06.250-562	6-1/4	6-3/4	1/4 9/16	.275 .619	6.250	6.251	6.750
	HP-	250-06.500-562	6-1/2	7	1/4 9/16	.275 .619	6.500	6.501	7.000
	HP-	250-06.750-562	6-3/4	7-1/4	1/4 9/16	.275 .619	6.750	6.751	7.250
	HP-	250-07.000-562	7	7-1/2	1/4 9/16	.275 .619	7.000	7.001	7.500
	HP-	250-07.250-562	7-1/4	7-3/4	1/4 9/16	.275 .619	7.250	7.251	7.750
	HP-	250-07.500-562	7-1/2	8	1/4 9/16	.275 .619	7.500	7.501	8.000

HPS HYDRA-PACK ROD SEAL

C/S (WIDTH)	HP #	PART NUMBER	NOM ID	NOM OD	NOM DEPTH	GROOVE DEPTH A	ROD APPLICATION		
							ROD B	THROAT C	GROOVE D
1/4"	Tolerance Limits					+010 -000	+000 -002	+003 -000	+003 -000
	HP-	250-07.750-562	7-3/4	8-1/4	1/4 9/16	.275 .619	7.750	7.751	8.250
	HP-	250-08.000-562	8	8-1/4	1/4 9/16	.275 .619	8.000	8.001	8.500
	HP-	250-08.250-562	8-1/4	8-3/4	1/4 9/16	.275 .619	8.250	8.251	8.750
	HP-	250-08.500-562	8-1/2	9	1/4 9/16	.275 .619	8.500	8.501	9.000
	HP-	250-08.750-562	8-3/4	9-1/4	1/4 9/16	.275 .619	8.750	8.751	9.250
	HP-	250-09.000-562	9	9-1/2	1/4 9/16	.275 .619	9.000	9.001	9.500
	HP-	250-09.250-562	9-1/4	9-3/4	1/4 9/16	.275 .619	9.250	9.251	9.750
	HP-	250-09.500-562	9-1/2	10	1/4 9/16	.275 .619	9.500	9.501	10.000
	HP-	250-09.750-562	9-3/4	10-1/4	1/4 9/16	.275 .619	9.750	9.751	10.250
	HP-	250-10.000-562	10	10-1/2	1/4 9/16	.275 .619	10.000	10.001	10.500

HPS HYDRA-PACK ROD SEAL

C/S (WIDTH)	HP #	PART NUMBER	NOM ID	NOM OD	NOM DEPTH	GROOVE DEPTH A	ROD APPLICATION		
							ROD B	THROAT C	GROOVE D
5/16"	Tolerance Limits					+0.010 -0.000	+0.000 -0.002	+0.003 -0.000	+0.004 -0.000
	HP-	312-00.375-500	3/8	1	5/16 1/2	.344 .550	.375	.377	1.000
	HP-	312-00.437-500	7/16	1-1/16	5/16 1/2	.344 .550	.437	.439	1.062
	HP-	312-00.500-500	1/2	1-1/8	5/16 1/2	.344 .550	.500	.502	1.125
	HP-	312-00.562-500	9/16	1-3/16	5/16 1/2	.344 .550	.562	.564	1.187
	HP-	312-00.625-500	5/8	1-1/4	5/16 1/2	.344 .550	.625	.627	1.250
	HP-	312-00.687-500	11/16	1-5/16	5/16 1/2	.344 .550	.687	.689	1.312
	HP-	312-00.750-500	3/4	1-3/8	5/16 1/2	.344 .550	.750	.752	1.375
	HP-	312-00.812-500	13/16	1-7/16	5/16 1/2	.344 .550	.812	.814	1.437
	HP-	312-00.875-500	7/8	1-1/2	5/16 1/2	.344 .550	.875	.877	1.500
	HP-	312-00.937-500	15/16	1-9/16	5/16 1/2	.344 .550	.937	.939	1.562
	HP-	312-01.000-500	1	1-5/8	5/16 1/2	.344 .550	1.000	1.002	1.625
	HP-	312-01.062-500	1-1/16	1-11/16	5/16 1/2	.344 .550	1.062	1.064	1.687
	HP-	312-01.125-500	1-1/8	1-3/4	5/16 1/2	.344 .550	1.125	1.127	1.750
	HP-	312-01.187-500	1-3/16	1-13/16	5/16 1/2	.344 .550	1.187	1.189	1.812
	HP-	312-01.250-500	1-1/4	1-7/8	5/16 1/2	.344 .550	1.250	1.252	1.875
	HP-	312-01.312-500	1-5/16	1-15/16	5/16 1/2	.344 .550	1.312	1.314	1.937
	HP-	312-01.375-500	1-3/8	2	5/16 1/2	.344 .550	1.375	1.377	2.000
	HP-	312-01.437-500	1-7/16	2-1/16	5/16 1/2	.344 .550	1.437	1.439	2.062
	HP-	312-01.500-500	1-1/2	2-1/8	5/16 1/2	.344 .550	1.500	1.502	2.125
	HP-	312-01.625-500	1-5/8	2-1/4	5/16 1/2	.344 .550	1.625	1.627	2.250
	HP-	312-01.750-500	1-3/4	2-3/8	5/16 1/2	.344 .550	1.750	1.752	2.375
	HP-	312-01.875-500	1-7/8	2-1/2	5/16 1/2	.344 .550	1.875	1.877	2.500
	HP-	312-02.000-500	2	2-5/8	5/16 1/2	.344 .550	2.000	2.002	2.625
	HP-	312-02.125-500	2-1/8	2-3/4	5/16 1/2	.344 .550	2.125	2.127	2.750
	HP-	312-02.250-500	2-1/4	2-7/8	5/16 1/2	.344 .550	2.250	2.252	2.875
	HP-	312-02.375-500	2-3/8	3	5/16 1/2	.344 .550	2.375	2.377	3.000
	HP-	312-02.500-500	2-1/2	3-1/8	5/16 1/2	.344 .550	2.500	2.502	3.125
	HP-	312-02.625-500	2-5/8	3-1/4	5/16 1/2	.344 .550	2.625	2.627	3.250
	HP-	312-02.750-500	2-3/4	3-3/8	5/16 1/2	.344 .550	2.750	2.752	3.375
	HP-	312-02.875-500	2-7/8	3-1/2	5/16 1/2	.344 .550	2.875	2.877	3.500
	HP-	312-03.000-500	3	3-5/8	5/16 1/2	.344 .550	3.000	3.002	3.625

HPS HYDRA-PACK ROD SEAL

C/S (WIDTH)	HP #	PART NUMBER	NOM ID	NOM OD	NOM DEPTH	GROOVE DEPTH A	ROD APPLICATION		
							ROD B	THROAT C	GROOVE D
5/16"	Tolerance Limits					+0.010 -0.000	+0.000 -0.002	+0.003 -0.000	+0.004 -0.000
	HP-	312-03.125-500	3-1/8	3-3/4	5/16 1/2	.344 .550	3.125	3.127	3.750
	HP-	312-03.250-500	3-1/4	3-7/8	5/16 1/2	.344 .550	3.250	3.252	3.875
	HP-	312-03.375-500	3-3/8	4	5/16 1/2	.344 .550	3.375	3.377	4.000
	HP-	312-03.500-500	3-1/2	4-1/8	5/16 1/2	.344 .550	3.500	3.502	4.125
	HP-	312-03.625-500	3-5/8	4-1/4	5/16 1/2	.344 .550	3.625	3.627	4.250
	HP-	312-03.750-500	3-3/4	4-3/8	5/16 1/2	.344 .550	3.750	3.752	4.375
	HP-	312-03.875-500	3-7/8	4-1/2	5/16 1/2	.344 .550	3.875	3.877	4.500
	HP-	312-04.000-562	4	4-5/8	5/16 9/16	.344 .619	4.000	4.002	4.625
	HP-	312-04.125-562	4-1/8	4-3/4	5/16 9/16	.344 .619	4.125	4.127	4.750
	HP-	312-04.250-562	4-1/4	4-7/8	5/16 9/16	.344 .619	4.250	4.252	4.875
	HP-	312-04.375-562	4-3/8	5	5/16 9/16	.344 .619	4.375	4.377	5.000
	HP-	312-04.500-625	4-1/2	5-1/8	5/16 5/8	.344 .688	4.500	4.502	5.125
	HP-	312-04.625-625	4-5/8	5-1/4	5/16 5/8	.344 .688	4.625	4.627	5.250
	HP-	312-04.750-625	4-3/4	5-3/8	5/16 5/8	.344 .688	4.750	4.752	5.375
	HP-	312-04.875-625	4-7/8	5-1/2	5/16 5/8	.344 .688	4.875	4.877	5.500
	HP-	312-05.000-625	5	5-5/8	5/16 5/8	.344 .688	5.000	5.002	5.625
	HP-	312-05.125-625	5-1/8	5-3/4	5/16 5/8	.344 .688	5.125	5.127	5.750
	HP-	312-05.250-625	5-1/4	5-7/8	5/16 5/8	.344 .688	5.250	5.252	5.875
	HP-	312-05.375-625	5-3/8	6	5/16 5/8	.344 .688	5.375	5.377	6.000
	HP-	312-05.500-625	5-1/2	6-1/8	5/16 5/8	.344 .688	5.500	5.502	6.125
	HP-	312-05.625-625	5-5/8	6-1/4	5/16 5/8	.344 .688	5.625	5.627	6.250
	HP-	312-05.750-625	5-3/4	6-3/8	5/16 5/8	.344 .688	5.750	5.752	6.375
	HP-	312-05.875-625	5-7/8	6-1/2	5/16 5/8	.344 .688	5.875	5.677	6.500
	HP-	312-06.000-625	6	6-5/8	5/16 5/8	.344 .688	6.000	6.002	6.625
	HP-	312-06.125-625	6-1/8	6-3/4	5/16 5/8	.344 .688	6.125	6.127	6.750
	HP-	312-06.250-625	6-1/4	6-7/8	5/16 5/8	.344 .688	6.250	6.252	6.875
	HP-	312-06.375-625	6-3/8	7	5/16 5/8	.344 .688	6.375	6.377	7.000
	HP-	312-06.500-625	6-1/2	7-1/8	5/16 5/8	.344 .688	6.500	6.502	7.125
	HP-	312-06.625-625	6-5/8	7-1/4	5/16 5/8	.344 .688	6.625	6.627	7.250
	HP-	312-06.750-625	6-3/4	7-3/8	5/16 5/8	.344 .688	6.750	6.752	7.375
	HP-	312-06.875-625	6-7/8	7-1/2	5/16 5/8	.344 .688	6.875	6.877	7.500

HPS HYDRA-PACK ROD SEAL

C/S (WIDTH)	HP #	PART NUMBER	NOM ID	NOM OD	NOM DEPTH	GROOVE DEPTH A	ROD APPLICATION		
							ROD B	THROAT C	GROOVE D
5/16"	Tolerance Limits					+0.010 -0.000	+0.000 -0.002	+0.003 -0.000	+0.004 -0.000
	HP-	312-07.000-625	7	7-5/8	5/16 5/8	.344 .688	7.000	7.002	7.625
	HP-	312-07.125-625	7-1/8	7-3/4	5/16 5/8	.344 .688	7.125	7.127	7.750
	HP-	312-07.250-625	7-1/4	7-7/8	5/16 5/8	.344 .688	7.250	7.252	7.875
	HP-	312-07.375-625	7-3/8	8	5/16 5/8	.344 .688	7.375	7.377	8.000

HPS HYDRA-PACK ROD SEAL

C/S (WIDTH)	HP #	PART NUMBER	NOM ID	NOM OD	NOM DEPTH	GROOVE DEPTH A	ROD APPLICATION		
							ROD B	THROAT C	GROOVE D
3/8"	Tolerance Limits					+0.10 -.000	+0.000 -.002	+0.004 -.000	+0.005 -.000
	HP-	375-00.500-625	1/2	1-1/4	3/8 5/8	.413 .688	.500	.502	1.250
	HP-	375-00.562-625	9/16	1-5/16	3/8 5/8	.413 .688	.562	.564	1.312
	HP-	375-00.625-625	5/8	1-3/8	3/8 5/8	.413 .688	.625	.627	1.375
	HP-	375-00.687-625	11/16	1-7/16	3/8 5/8	.413 .688	.687	.689	1.437
	HP-	375-00.750-625	3/4	1-1/2	3/8 5/8	.413 .688	.750	.752	1.500
	HP-	375-00.812-625	13/16	1-9/16	3/8 5/8	.413 .688	.812	.814	1.562
	HP-	375-00.875-625	7/8	1-5/8	3/8 5/8	.413 .688	.875	.877	1.625
	HP-	375-00.937-625	15/16	1-11/16	3/8 5/8	.413 .688	.937	.939	1.687
	HP-	375-01.000-625	1	1-3/4	3/8 5/8	.413 .688	1.000	1.002	1.750
	HP-	375-01.062-625	1-1/16	1-13/16	3/8 5/8	.413 .688	1.062	1.064	1.812
	HP-	375-01.125-625	1-1/8	1-7/8	3/8 5/8	.413 .688	1.125	1.127	1.875
	HP-	375-01.187-625	1-3/16	1-15/16	3/8 5/8	.413 .688	1.187	1.189	1.937
	HP-	375-01.250-625	1-1/4	2	3/8 5/8	.413 .688	1.250	1.252	2.000
	HP-	375-01.312-625	1-5/16	2-1/16	3/8 5/8	.413 .688	1.312	1.314	2.062
	HP-	375-01.375-625	1-3/8	2-1/8	3/8 5/8	.413 .688	1.375	1.377	2.125
	HP-	375-01.437-625	1-7/16	2-3/16	3/8 5/8	.413 .688	1.437	1.439	2.187
	HP-	375-01.500-625	1-1/2	2-1/4	3/8 5/8	.413 .688	1.500	1.502	2.250
	HP-	375-01.625-625	1-5/8	2-3/8	3/8 5/8	.413 .688	1.625	1.627	2.375
	HP-	375-01.750-625	1-3/4	2-1/2	3/8 5/8	.413 .688	1.750	1.752	2.500
	HP-	375-01.875-625	1-7/8	2-5/8	3/8 5/8	.413 .688	1.875	1.877	2.625
	HP-	375-02.000-625	2	2-3/4	3/8 5/8	.413 .688	2.000	2.002	2.750
	HP-	375-02.125-625	2-1/8	2-7/8	3/8 5/8	.413 .688	2.125	2.127	2.875
	HP-	375-02.250-625	2-1/4	3	3/8 5/8	.413 .688	2.250	2.252	3.000
	HP-	375-02.375-625	2-3/8	3-1/8	3/8 5/8	.413 .688	2.375	2.377	3.125
	HP-	375-02.500-625	2-1/2	3-1/4	3/8 5/8	.413 .688	2.500	2.502	3.250
	HP-	375-02.625-625	2-5/8	3-3/8	3/8 5/8	.413 .688	2.625	2.627	3.375
	HP-	375-02.750-625	2-3/4	3-1/2	3/8 5/8	.413 .688	2.750	2.752	3.500
	HP-	375-02.875-625	2-7/8	3-5/8	3/8 5/8	.413 .688	2.875	2.877	3.625
	HP-	375-03.000-625	3	3-3/4	3/8 5/8	.413 .688	3.000	3.002	3.750
	HP-	375-03.125-625	3-1/8	3-7/8	3/8 5/8	.413 .688	3.125	3.127	3.875
	HP-	375-03.250-625	3-1/4	4	3/8 5/8	.413 .688	3.250	3.252	4.000

HPS HYDRA-PACK ROD SEAL

C/S (WIDTH)	HP #	PART NUMBER	NOM ID	NOM OD	NOM DEPTH	GROOVE DEPTH A	ROD APPLICATION		
							ROD B	THROAT C	GROOVE D
3/8"	Tolerance Limits					+0.010 -0.000	+0.000 -0.002	+0.004 -0.000	+0.005 -0.000
	HP-	375-03.375-625	3-3/8	4-1/8	3/8 5/8	.413 .688	3.375	3.377	4.125
	HP-	375-03.500-625	3-1/2	4-1/4	3/8 5/8	.413 .688	3.500	3.502	4.250
	HP-	375-03.625-625	3-5/8	4-3/8	3/8 5/8	.413 .688	3.625	3.627	4.375
	HP-	375-03.750-625	2-3/4	4-1/2	3/8 5/8	.413 .688	3.750	3.752	4.500
	HP-	375-03.875-625	3-7/8	4-5/8	3/8 5/8	.413 .688	3.875	3.877	4.625
	HP-	375-04.000-625	4	4-3/4	3/8 5/8	.413 .688	4.000	4.002	4.750
	HP-	375-04.125-625	4-1/8	4-7/8	3/8 5/8	.413 .688	4.125	4.127	4.875
	HP-	375-04.250-625	4-1/4	5	3/8 5/8	.413 .688	4.250	4.252	5.000
	HP-	375-04.375-625	4-3/8	5-1/8	3/8 5/8	.413 .688	4.375	4.377	5.125
	HP-	375-04.500-625	4-1/2	5-1/4	3/8 5/8	.413 .688	4.500	4.502	5.250
	HP-	375-04.625-625	4-5/8	5-3/8	3/8 5/8	.413 .688	4.625	4.627	5.375
	HP-	375-04.750-625	4-3/4	5-1/2	3/8 5/8	.413 .688	4.750	4.752	5.500
	HP-	375-04.875-625	4-7/8	5-5/8	3/8 5/8	.413 .688	4.875	4.877	5.625
	HP-	375-05.000-625	5	5-3/4	3/8 5/8	.413 .688	5.000	5.002	5.750
	HP-	375-05.125-625	5-1/8	5-7/8	3/8 5/8	.413 .688	5.125	5.127	5.875
	HP-	375-05.250-625	5-1/4	6	3/8 5/8	.413 .688	5.250	5.252	6.000
	HP-	375-05.375-625	5-3/8	6-1/8	3/8 5/8	.413 .688	5.375	5.377	6.125
	HP-	375-05.500-625	5-1/2	6-1/4	3/8 5/8	.413 .688	5.500	5.502	6.250
	HP-	375-05.625-625	5-5/8	6-3/8	3/8 5/8	.413 .688	5.625	5.627	6.375
	HP-	375-05.750-625	5-3/4	6-1/2	3/8 5/8	.413 .688	5.750	5.752	6.500
	HP-	375-05.875-625	5-7/8	6-5/8	3/8 5/8	.413 .688	5.875	5.877	6.625
	HP-	375-06.000-625	6	6-3/4	3/8 5/8	.413 .688	6.000	6.002	6.750
	HP-	375-06.250-625	6-1/4	7	3/8 5/8	.413 .688	6.250	6.252	7.000
	HP-	375-06.500-625	6-1/2	7-1/4	3/8 5/8	.413 .688	6.500	6.502	7.250
	HP-	375-06.750-625	6-3/4	7-1/2	3/8 5/8	.413 .688	6.750	6.752	7.500
	HP-	375-07.000-625	7	7-3/4	3/8 5/8	.413 .688	7.000	7.002	7.750

HPS HYDRA-PACK ROD SEAL

C/S (WIDTH)	HP #	PART NUMBER	NOM ID	NOM OD	NOM DEPTH	GROOVE DEPTH A	ROD APPLICATION		
							ROD B	THROAT C	GROOVE D
1/2"	Tolerance Limits					+0.010 -.000	+0.000 -.003	+0.005 -.000	+0.007 -.000
	HP-	500-01.000-750	1	2	1/2	.550	1.000	1.002	2.000
					3/4	.825			
	HP-	500-01.250-750	1-1/4	2-1/4	1/2	.550	1.250	1.252	2.250
					3/4	.825			
	HP-	500-01.375-750	1-3/8	2-3/8	1/2	.550	1.375	1.377	2.375
					3/4	.825			
	HP-	500-01.500-750	1-1/2	2-1/2	1/2	.550	1.500	1.502	2.500
					3/4	.825			
	HP-	500-01.750-750	1-3/4	2-3/4	1/2	.550	1.750	1.752	2.750
					3/4	.825			
	HP-	500-02.000-750	2	3	1/2	.550	2.000	2.002	3.000
					3/4	.825			
	HP-	500-02.250-750	2-1/4	3-1/4	1/2	.550	2.250	2.252	3.250
					3/4	.825			
	HP-	500-02.375-750	2-3/8	3-3/8	1/2	.550	2.375	2.377	3.375
					3/4	.825			
	HP-	500-02.500-750	2-1/2	3-1/2	1/2	.550	2.500	2.502	3.500
					3/4	.825			
	HP-	500-02.750-750	2-3/4	3-3/4	1/2	.550	2.750	2.752	3.750
					3/4	.825			
	HP-	500-03.000-750	3	4	1/2	.550	3.000	3.002	4.000
					3/4	.825			
	HP-	500-03.250-750	3-1/4	4-1/4	1/2	.550	3.250	3.252	4.250
					3/4	.825			
	HP-	500-03.500-750	3-1/2	4-1/2	1/2	.550	3.500	3.502	4.500
					3/4	.825			
	HP-	500-03.750-750	3-3/4	4-3/4	1/2	.550	3.750	3.752	4.750
					3/4	.825			
	HP-	500-04.000-750	4	5	1/2	.550	4.000	4.002	5.000
					3/4	.825			
	HP-	500-04.250-750	4-1/4	5-1/4	1/2	.550	4.250	4.252	5.250
					3/4	.825			
	HP-	500-04.375-750	4-3/8	5-3/8	1/2	.550	4.375	4.377	5.375
					3/4	.825			
	HP-	500-04.500-750	4-1/2	5-1/2	1/2	.550	4.500	4.502	5.500
					3/4	.825			
	HP-	500-04.750-750	4-3/4	5-3/4	1/2	.550	4.750	4.752	5.750
					3/4	.825			
	HP-	500-05.000-750	5	6	1/2	.550	5.000	5.002	6.000
					3/4	.825			
	HP-	500-05.250-750	5-1/4	6-1/4	1/2	.550	5.250	5.252	6.250
					3/4	.825			
	HP-	500-05.375-750	5-3/8	6-3/8	1/2	.550	5.375	5.377	6.375
					3/4	.825			
	HP-	500-05.500-750	5-1/2	6-1/2	1/2	.550	5.500	5.502	6.500
					3/4	.825			
	HP-	500-05.750-750	5-3/4	6-3/4	1/2	.550	5.750	5.752	6.750
				3/4	.825				
HP-	500-06.000-750	6	7	1/2	.550	6.000	6.002	7.000	
				3/4	.825				
HP-	500-06.250-750	6-1/4	7-1/4	1/2	.550	6.250	6.252	7.250	
				3/4	.825				
HP-	500-06.500-750	6-1/2	7-1/2	1/2	.550	6.500	6.502	7.500	
				3/4	.825				
HP-	500-06.750-750	6-3/4	7-3/4	1/2	.550	6.750	6.752	7.750	
				3/4	.825				
HP-	500-07.000-750	7	8	1/2	.550	7.000	7.002	8.000	
				3/4	.825				
HP-	500-07.250-750	7-1/4	8-1/4	1/2	.550	7.250	7.252	8.250	
				3/4	.825				
HP-	500-07.500-750	7-1/2	8-1/2	1/2	.550	7.500	7.502	8.500	
				3/4	.825				

HPS HYDRA-PACK ROD SEAL

C/S (WIDTH)	HP #	PART NUMBER	NOM ID	NOM OD	NOM DEPTH	GROOVE DEPTH A	ROD APPLICATION		
							ROD B	THROAT C	GROOVE D
1/2"	Tolerance Limits					+0.010 -.000	+0.000 -.003	+0.005 -.000	+0.007 -.000
	HP-	500-07.750-750	7-3/4	8-3/4	1/2	.550	7.750	7.752	8.750
					3/4	.825			
	HP-	500-08.000-750	8	9	1/2	.550	8.000	8.002	9.000
					3/4	.825			
	HP-	500-08.250-750	8-1/4	9-1/4	1/2	.550	8.250	8.252	9.250
					3/4	.825			
	HP-	500-08.500-750	8-1/2	9-1/2	1/2	.550	8.500	8.502	9.500
					3/4	.825			
	HP-	500-08.750-750	8-3/4	9-3/4	1/2	.550	8.750	8.752	9.750
					3/4	.825			
	HP-	500-09.000-750	9	10	1/2	.550	9.000	9.002	10.000
					3/4	.825			
	HP-	500-09.250-750	9-1/4	10-1/4	1/2	.550	9.250	9.252	10.250
					3/4	.825			
	HP-	500-09.500-750	9-1/2	10-1/2	1/2	.550	9.500	9.502	10.500
					3/4	.825			
	HP-	500-09.750-750	9-3/4	10-3/4	1/2	.550	9.750	9.752	10.750
					3/4	.825			
	HP-	500-10.000-750	10	11	1/2	.550	10.000	10.002	11.000
					3/4	.825			
	HP-	500-10.500-750	10-1/2	11-1/2	1/2	.550	10.500	10.502	11.500
					3/4	.825			
	HP-	500-11.000-750	11	12	1/2	.550	11.000	11.002	12.000
					3/4	.825			
	HP-	500-11.500-750	11-1/2	12-1/2	1/2	.550	11.500	11.502	12.500
					3/4	.825			
	HP-	500-12.000-750	12	13	1/2	.550	12.000	12.002	13.000
					3/4	.825			
	HP-	500-12.500-750	12-1/2	13-1/2	1/2	.550	12.500	12.502	13.500
					3/4	.825			
	HP-	500-13.000-750	13	14	1/2	.550	13.000	13.002	14.000
				3/4	.825				
HP-	500-13.500-750	13-1/2	14-1/2	1/2	.550	13.500	13.502	14.500	
				3/4	.825				
HP-	500-14.000-750	14	15	1/2	.550	14.000	14.002	15.000	
				3/4	.825				
HP-	500-14.500-750	14-1/2	15-1/2	1/2	.550	14.500	14.502	15.500	
				3/4	.825				
HP-	500-15.000-750	15	16	1/2	.550	15.000	15.002	16.000	
				3/4	.825				