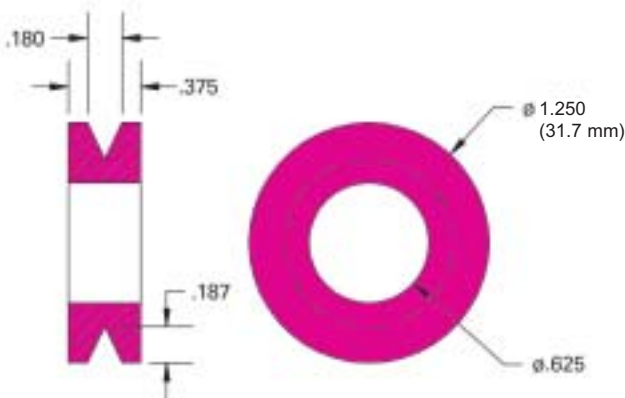


HE ANIUM Custom Ceramic Pulleys

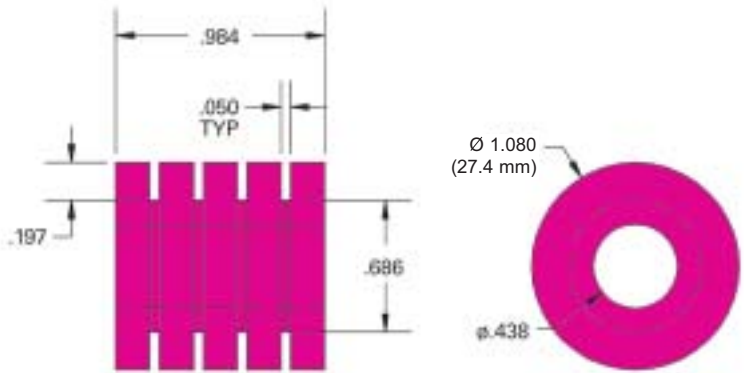
Custom Heanium ceramic pulleys are listed below. These components can be provided with various bushings and bearings. Contact our **technical sales** department for assistance with custom pulleys to meet your specific requirements. For information on stock ceramic, aluminum, and phenolic pulleys, please refer to pages 42-44.

Standard tolerances on all dimensions are $-.010$ inch or -1.5% , whichever is greater. Diamond grind and/or hone to $-.0005$ inches is available. Standard finish (Ra) on all surfaces is 64 in. Polishing to 32 in (**P2 Polish**) or 16 in (**P1 Polish**) is available.

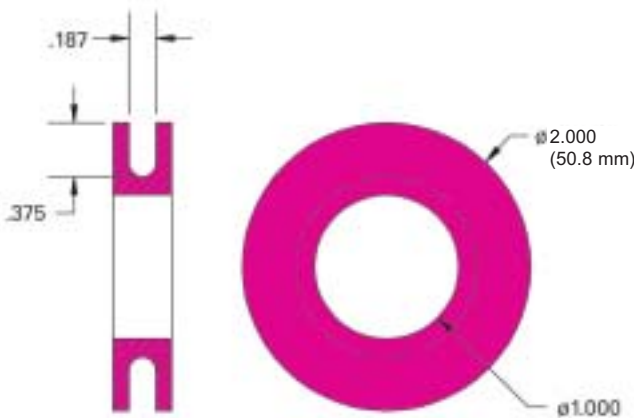
PV-1250-01-X



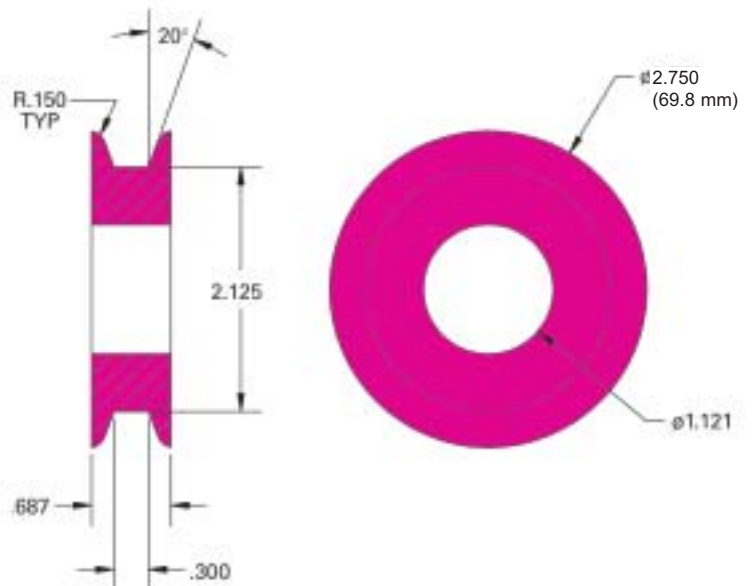
PF1-1080-A



PU1-2000-X



PF1-2750-X



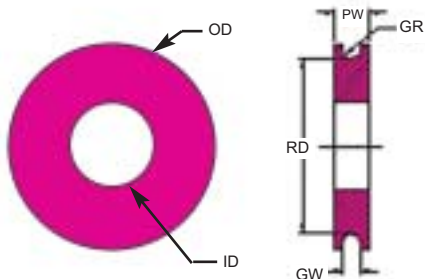
HE ANIUM Standard Ceramic Pulleys

PART NUMBER	ROOT DIAMETER		PULLEY OD		PULLEY ID		PULLEY WIDTH		GROOVE WIDTH		U-GROOVE RADIUS		NYLON BUSHING			
													MIN ID		MAX ID	
	INCHES	MM.	INCHES	MM.	INCHES	MM.	INCHES	MM.	INCHES	MM.	INCHES	MM.	INCHES	MM.	INCHES	MM.
PU/PV-625	0.375	9.5	0.625	15.9	0.250	6.4	0.281	7.1	0.187	4.7	0.094	2.4	0.062	1.6	0.100	2.5
PU/PV-1	0.750	19.0	1.000	25.4	0.500	12.7	0.375	9.5	0.250	6.4	0.125	3.2	0.100	2.5	0.312	7.9
PU/PV-1250	1.000	25.4	1.250	31.8	0.750	19.1	0.375	9.5	0.250	6.4	0.125	3.2	0.100	2.5	0.562	14.3
PU/PV-1375	1.000	25.4	1.375	34.9	0.750	19.1	0.406	10.3	0.250	6.4	0.125	3.2	0.100	2.5	0.562	14.3
PU/PV-1500	1.125	28.6	1.500	38.1	0.866	22.0	0.406	10.3	0.250	6.4	0.125	3.2	0.100	2.5	0.687	17.4
PU/PV-2	1.500	38.1	2.000	50.8	1.125	28.6	0.406	10.3	0.187	4.7	0.093	2.4	0.100	2.5	0.875	22.2
PU/PV-2500	2.000	50.8	2.500	63.5	1.125	28.6	0.437	11.1	0.250	6.4	0.125	3.2	0.100	2.5	0.875	22.2
PU/PV-3500	3.000	76.2	3.500	88.9	1.125	28.6	0.437	11.1	0.250	6.4	0.125	3.2	0.100	2.5	0.875	22.2

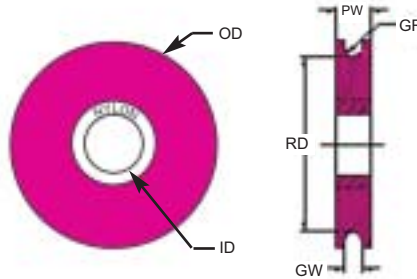
* Radius applies to **PU**-groove pulleys only. Radius on **PV**-groove pulleys is less than 1/32 .

**Miniature bearing series available.

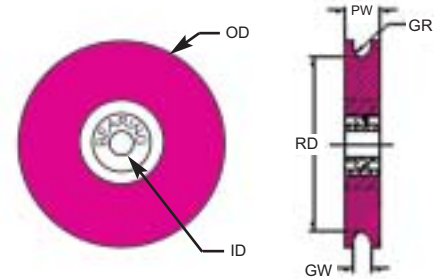
Pulley Only



Pulley w/ nylon insert



Pulley w/ bearing in nylon



PART NUMBER	STANDARD BEARING NO. (SEE TABLE PAGE 44)	
	GLUED IN	W/NYLON BUSHING
PU/PV-625	**	**
PU/PV-1	BRG 01, 02, 03	N/A
PU/PV-1250	BRG 06, 07	BRG 01, 02, 03
PU/PV-1375	BRG 06, 07	BRG 01, 02, 03

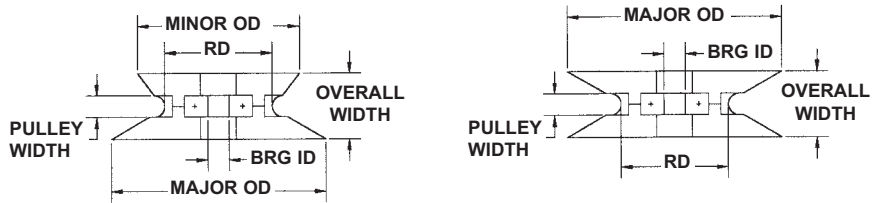
PART NUMBER	STANDARD BEARING NO. (SEE TABLE PAGE 44)	
	GLUED IN	W/NYLON BUSHING
PU/PV-1500	BRG 08, 09, 10, 11	BRG 01, 02, 04
PU/PV-2	BRG 14, 15	BRG 06, 08, 09, 10, 11, 12
PU/PV-2500	BRG 14, 15	BRG 06, 08, 09, 10, 11, 12
PU/PV-3500	BRG 14, 15	BRG 06, 08, 09, 10, 11, 12

Standard tolerances on all dimensions are $-.010$ inches or -1.5% , whichever is greater. Diamond grind and/or hone to $-.0005$ inches is available. Standard finish (Ra) on all surfaces is 64 in. Polishing to 32 in (P2 Polish) or 16 in (P1 Polish) is available.

HEANIUM Plastic Flange Pulleys



Heanium pulleys are now available in a plastic angled assembly. This product offers the wear resistance of Heanium in a light-weight, true-running, high-tolerance package. The Heanium core, bearing and plastic angle are all available as individual replacement items. Custom groove configurations are available upon request.



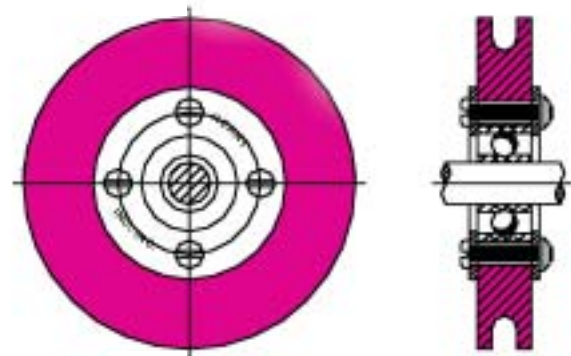
Part Number*	Major OD	Minor OD	RD	BRG ID	Pulley Width	Overall Width
PU ASSY 1780 U GROOVE	60	45.2	30	6	6	15
PU ASSY 1780 01 GROOVE	45.2	N/A	30	6	6	12
PU ASSY 2362 U GROOVE	60	N/A	30	6	6	18.4
PU ASSY 3116 U GROOVE	98.5	79	50	10	9	23
PU ASSY 3116 01 U GROOVE	79	N/A	50	10	9	30
PU ASSY 3880 U GROOVE	98.5	N/A	50	10	9	30

HEANIUM F-Series Ceramic Pulleys

In the F series pulley, the bearing is held in place with bolt flanges for high-temperature and corrosive applications. The FF series provides a thinner pulley configuration where clearance is an issue.

FLANGED BEARING PULLEYS	RD		POD		PID		PW		GW		GR	
	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM
PU/PV-2-F	1.500	38.1	2.000	50.8	.866	22.0	.406	10.3	.187	4.7	.094	2.3
PU/PV-2500-F	2.000	50.8	2.500	63.5	.866	22.0	.406	10.3	.187	4.7	.094	2.3
PU/PV-3500-F	3.000	76.2	3.500	88.9	.866	22.0	.437	11.1	.250	63.5	.125	3.1
PU/PV-FF-2500	2.188	55.5	2.500	63.5	.866	22.0	.188	4.7	.080	2.0	.040	1.0

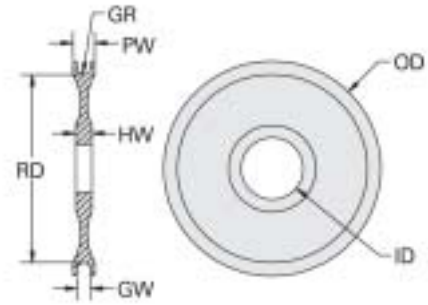
FLANGED BEARING PULLEYS	STANDARD BEARING WITH FLANGE (SEE TABLE PAGE 44)
PU/PV-2-F	BRG 08, 09, 10, 11
PU/PV-2500-F	BRG 08, 09, 10, 11
PU/PV-3500-F	BRG 08, 09, 10, 11
PU/PV-FF-2500	BRG 08, 09, 10, 11



HE ANY Standard Coated Pulleys

Aluminum pulleys are hard-coated with thermal spray ceramic for enhanced wear resistance. A standard polish of 28 in (Ra) is provided on the groove surfaces. A high polish of 10 in is also available. Please specify a U- or V-groove on the HB series pulleys. Special designs and materials are available for wet and corrosive environments. Standard bearings are in stock; custom bearings are available upon request. Customer-supplied pulleys can also be spray coated, see pages 46-47.

HBU/HBV



PART NUMBER	ROOT DIAMETER	PULLEY OD	PULLEY ID	PULLEY WIDTH	HUB WIDTH	GROOVE WIDTH	GROOVE RADIUS	STANDARD BEARING
ALUMINUM								
HBU/HBV-1250-H	.937	1.250	.687	.250	.250	.125	.062	BRG-05
HBU/HBV-2000-H	1.500	2.000	.750	.406	.281	.218	.109	BRG-07
HBU/HBV-2500-H	2.188	2.500	.687	.250	.250	.125	.062	BRG-05
HBU/HBV-3500-H	3.000	3.500	.750	.406	.281	.218	.109	BRG-07
HBU/HBV-5000-H	4.375	5.000	1.125	.500	.375	.312	.156	BRG 14, 15
HBU/HBV-6000-H	5.375	6.000	1.125	.500	.375	.312	.156	BRG 14, 15
HBU-9200	8.000	9.200	2.441	.950	.950	.500	.250	BRG 16
LIGHT WEIGHT ALUMINUM								
HAU-1750-H	1.250	1.750	.906	.422	.312	.282	.141	BRG 13
HAU-3000-H	2.500	3.000	.906	.422	.312	.274	.137	BRG 13
HAU-4250-H	3.750	4.250	.906	.422	.312	.282	.141	BRG 13
HAU-5500-H	5.000	5.500	.906	.422	.312	.282	.141	BRG 13

* Radius applies to HBU-groove pulleys only. Radius on HBV-groove pulleys is less than 1/32 maximum.

**Miniature bearing series available.

Ceramic & Coating Standard Bearing Information

BEARING NUMBER	BEARINGS ARE DOUBLE SHIELDED		
	OD	ID	WIDTH
BRG-01	.500	.125	.172
BRG-02	.500	.187	.193
BRG-03	.500	.250	.187
BRG-04	.625	.250	.196
BRG-05	.687	.187	.250
BRG-06	.748	.197	.235
BRG-07	.750	.250	.281
BRG-08	.866	.250	.275

BEARING NUMBER	BEARINGS ARE DOUBLE SHIELDED		
	OD	ID	WIDTH
BRG-09	.866	.275	.275
BRG-10	.866	.312	.275
BRG-11	.866	.315	.275
BRG-12	.875	.375	.281
BRG-13	.906	.312	.312
BRG-14	1.125	.375	.375
BRG-15	1.125	.500	.375
BRG-16	2.438	1.180	.630