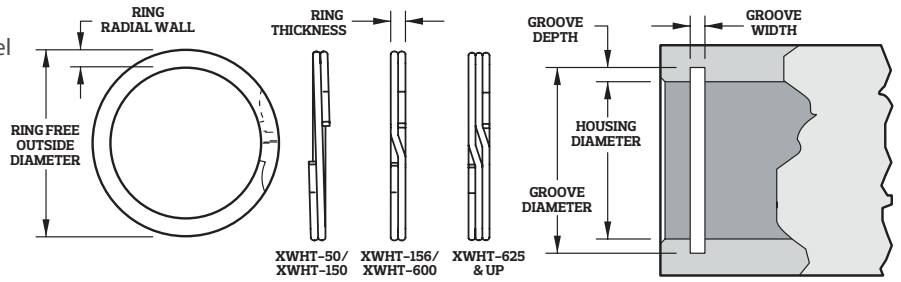


# Medium Heavy Duty Rings (Imperial)

## XWHT Series

### Stock items available in:

- Carbon steel
- 302 and 316 stainless steel



Part No. <sup>1</sup>	Housing Diameter	Ring			Groove		Thrust Capacity		
		Outside Diameter	Radial Wall	Thickness	Diameter	Width	Groove Yield (lb) <sup>2</sup>	Ring Shear (lb) <sup>3</sup>	
XWHT-50	0,500	0,529	0,045	0,035	0,524	±0,002	0,039	420	2530
XWHT-51	0,512	0,541	0,045	0,035	0,536	±0,003	0,039	430	2590
XWHT-56	0,562	0,597	0,045	0,035	0,592		0,039	600	2840
XWHT-62	0,625	0,665	0,045	0,035	0,659		0,039	750	3160
XWHT-68	0,688	0,730	0,055	0,035	0,724		0,039	880	3480
XWHT-75	0,750	0,796	0,055	0,035	0,790		0,039	1060	3790
XWHT-77	0,777	0,825	0,065	0,042	0,819		0,046	1150	4720
XWHT-81	0,812	0,864	0,065	0,042	0,857		0,046	1320	4930
XWHT-86	0,866	0,919	0,065	0,042	0,912		0,046	1410	5260
XWHT-87	0,875	0,929	0,065	0,042	0,922		0,046	1480	5310
XWHT-90	0,901	0,957	0,065	0,042	0,950		0,046	1590	5470
XWHT-93	0,938	0,997	0,075	0,042	0,989	0,046	1720	5690	
XWHT-100	1,000	1,063	0,075	0,042	1,055	0,046	1980	6070	
XWHT-102	1,023	1,087	0,075	0,042	1,079	0,046	2030	6210	
XWHT-106	1,062	1,129	0,078	0,050	1,120	0,056	2180	7010	
XWHT-112	1,125	1,195	0,078	0,050	1,185	0,056	2390	7420	
XWHT-118	1,188	1,260	0,088	0,050	1,250	0,056	2600	7840	
XWHT-125	1,250	1,330	0,093	0,050	1,320	0,056	3090	8250	
XWHT-131	1,312	1,395	0,093	0,050	1,385	0,056	3430	8660	
XWHT-137	1,375	1,461	0,098	0,050	1,450	0,056	3690	9070	
XWHT-143	1,438	1,526	0,103	0,050	1,515	0,056	3960	9490	
XWHT-145	1,456	1,546	0,108	0,050	1,535	0,056	4120	9610	
XWHT-150	1,500	1,591	0,108	0,050	1,580	0,056	4240	9900	
XWHT-156	1,562	1,659	0,113	0,062	1,647	0,068	4750	12780	
XWHT-162	1,625	1,727	0,113	0,062	1,715	0,068	5170	13290	
XWHT-165	1,653	1,757	0,118	0,062	1,745	0,068	5380	13520	
XWHT-168	1,688	1,793	0,118	0,062	1,780	0,068	5490	13810	
XWHT-175	1,750	1,858	0,118	0,062	1,845	0,068	5940	14320	
XWHT-181	1,812	1,923	0,123	0,062	1,910	0,068	6280	14820	
XWHT-185	1,850	1,963	0,123	0,062	1,949	0,068	6540	15130	
XWHT-187	1,875	1,989	0,128	0,062	1,975	0,068	6630	15340	
XWHT-193	1,938	2,054	0,128	0,062	2,040	0,068	6990	15850	
XWHT-200	2,000	2,125	0,138	0,062	2,110	0,068	7780	16360	
XWHT-206	2,062	2,190	0,141	0,078	2,175	0,086	8310	21220	
XWHT-212	2,125	2,255	0,141	0,078	2,240	0,086	8710	21870	
XWHT-218	2,188	2,321	0,141	0,078	2,305	0,086	9130	22520	
XWHT-225	2,250	2,386	0,141	0,078	2,370	0,086	9540	23160	
XWHT-231	2,312	2,457	0,188	0,078	2,440	0,086	10460	23800	
XWHT-237	2,375	2,522	0,188	0,078	2,505	0,086	10910	24440	
XWHT-244	2,440	2,588	0,188	0,078	2,570	0,086	11210	25110	
XWHT-250	2,500	2,653	0,188	0,078	2,635	0,086	12020	25730	
XWHT-253	2,531	2,687	0,188	0,078	2,668	0,086	12350	26050	
XWHT-256	2,562	2,720	0,188	0,093	2,700	0,103	12500	29940	
XWHT-262	2,625	2,785	0,188	0,093	2,765	0,103	12990	30680	

<sup>1</sup> Add suffix "-S02" for 302 stainless steel, "-S16" for 316 stainless steel. <sup>2</sup> Based on a groove material yield strength of 45,000 psi and a safety factor of 2. <sup>3</sup> Based on a safety factor of 3.

# Medium Heavy Duty Rings (Imperial)

## XWHT Series

	Part No. <sup>1</sup>	Housing Diameter	Ring					Groove			Thrust Capacity	
			Outside Diameter	Radial Wall	Thickness	Diameter	Width	Groove Yield (lb) <sup>2</sup>	Ring Shear (lb) <sup>3</sup>			
Imperial (in.)	XWHT-268	2,688	2,855	+0,025/-0,000	0,188	±0,005	0,093	±0,003	2,834	0,103	13870	31410
	XWHT-275	2,750	2,921		0,188		0,093		2,900	0,103	14580	32140
	XWHT-281	2,813	2,987		0,188		0,093		2,965	0,103	15110	32880
	XWHT-283	2,834	3,009		0,188		0,093		2,987	0,103	15430	33120
	XWHT-287	2,875	3,053		0,188		0,093		3,030	0,103	15850	33600
	XWHT-300	3,000	3,188		0,188		0,093		3,165	0,103	17600	35060
	XWHT-306	3,062	3,253		0,250		0,111		3,230	0,120	18180	42710
	XWHT-312	3,125	3,318		0,250		0,111		3,295	0,120	18780	43590
	XWHT-315	3,156	3,354		0,250		0,111		3,328	0,120	19190	44040
	XWHT-325	3,250	3,450		0,250		0,111		3,426	0,120	20220	45330
	XWHT-334	3,346	3,550		0,250		0,111		3,525	0,120	21290	46670
	XWHT-346	3,464	3,675		0,250		0,111		3,650	0,120	22770	48320
	XWHT-350	3,500	3,716		0,250		0,111		3,690	0,120	23500	48820
	XWHT-354	3,543	3,761		0,250		0,111		3,735	0,120	24040	49420
	XWHT-356	3,562	3,783		0,250		0,111		3,756	0,120	24420	49690
	XWHT-362	3,625	3,849	0,250	0,111	3,822	0,120	25370	50560			
	XWHT-375	3,750	3,982	0,250	0,111	3,955	0,120	27300	52310			
	XWHT-387	3,875	4,115	0,250	0,111	4,087	0,120	29030	54050			
	XWHT-393	3,938	4,178	0,250	0,111	4,150	0,120	29510	54930			
	XWHT-400	4,000	4,248	0,250	0,111	4,220	0,120	31100	55800			
	XWHT-412	4,125	4,373	0,312	0,111	4,345	0,120	32070	57540			
	XWHT-425	4,250	4,500	0,312	0,111	4,470	0,120	33050	59280			
	XWHT-433	4,330	4,586	0,312	0,111	4,556	0,120	34590	60400			
	XWHT-450	4,500	4,768	0,312	0,111	4,735	0,120	37530	62770			
	XWHT-462	4,625	4,897	0,312	0,111	4,865	0,120	39230	64510			
	XWHT-475	4,750	5,028	0,312	0,111	4,995	0,120	41300	66260			
	XWHT-500	5,000	5,295	0,312	0,111	5,260	0,120	45950	69740			
	XWHT-525	5,250	5,559	0,375	0,127	5,520	0,139	50100	83790			
	XWHT-537	5,375	5,685	0,375	0,127	5,645	0,139	51290	85780			
	XWHT-550	5,500	5,810	0,375	0,127	5,770	0,139	52480	87780			
XWHT-575	5,750	6,062	0,375	0,127	6,020	0,139	54870	91770				
XWHT-600	6,000	6,314	0,375	0,127	6,270	0,139	57260	95760				

Rings listed below are three-turn construction.

	Part No. <sup>1</sup>	Housing Diameter	Ring					Groove			Thrust Capacity		
			Outside Diameter	Radial Wall	Thickness	Diameter	Width	Groove Yield (lb) <sup>2</sup>	Ring Shear (lb) <sup>3</sup>				
Imperial (in.)	XWHT-625	6,250	6,576	+0,055/-0,000	0,312	±0,006	0,165	±0,005	6,530	0,174	±0,008/-0,000	61850	129590
	XWHT-650	6,500	6,837		0,312		0,165		6,790	0,174		66620	134780
	XWHT-662	6,625	6,973		0,312		0,165		6,925	0,174		70240	137370
	XWHT-675	6,750	7,104		0,312		0,165		7,055	0,174		73000	139960
	XWHT-700	7,000	7,366		0,312		0,165		7,315	0,174		78180	145140
	XWHT-725	7,250	7,628		0,375		0,189		7,575	0,209		83530	172190
	XWHT-750	7,500	7,895		0,375		0,189		7,840	0,209		90120	178130
	XWHT-775	7,750	8,156		0,375		0,189		8,100	0,209		95870	184070
	XWHT-800	8,000	8,418		0,375		0,189		8,360	0,209		101790	190000
	XWHT-825	8,250	8,680	0,375	0,189	8,620	0,209	107880	195940				
	XWHT-850	8,500	8,942	0,375	0,189	8,880	0,209	114160	201880				
	XWHT-875	8,750	9,209	0,375	0,189	9,145	0,209	122460	207820				
	XWHT-900	9,000	9,471	0,375	0,189	9,405	0,209	129140	213750				
	XWHT-925	9,250	9,736	0,375	0,189	9,669	0,209	137310	219690				
	XWHT-950	9,500	9,999	0,375	0,189	9,930	0,209	144380	225630				
	XWHT-975	9,750	10,260	0,375	0,189	10,189	0,209	151620	231570				
	XWHT-1000	10,000	10,552	0,375	0,189	10,450	0,209	159040	237500				
	XWHT-1050	10,500	11,072	0,375	0,189	10,970	0,209	174420	249380				

<sup>1</sup> Add suffix "-S02" for 302 stainless steel, "-S16" for 316 stainless steel. <sup>2</sup> Based on a groove material yield strength of 45,000 psi and a safety factor of 2. <sup>3</sup> Based on a safety factor of 3.