

Wedgegard® Type S Hub Chain & Pulley Drives

DATASHEET Version 4/2020

Torque Table / Nm

HOWDON™
TORQUE LIMITERS

DRIVE	S250		S350		S500		S700		S800		S950		S1000		S1200		S1400		S1600	
WEDGE PIN	W25		W37		W37		W50		W50		W75		W100		W100		W120		W120	
BRASS = B STEEL = S	B	S	B	S	B	S	B	S	B	S	B	S	B	S	B	S	B	S	B	S
TORQUE CODES	* Wedgepins x 2		* Wedgepins x 3		* Wedgepins x 3		* Wedgepins x 3		* Wedgepins x 3		* Wedgepins x 3		* Wedgepins x 4		* Wedgepins x 4		* Wedgepins x 4		* Wedgepins x 4	
O	-	-	134	185	155	214	378	518	444	609	-	-	-	-	-	-	-	-	-	-
OW	-	-	186	255	216	296	572	821	673	964	-	-	-	-	-	-	-	-	-	-
GD	-	-	251	345	291	401	-	-	-	-	-	-	-	-	-	-	-	-	-	-
W	-	77	348	478	404	554	823	1130	967	1327	2710	3720	-	16575	-	21775	-	-	-	-
WY	-	117	502	690	582	800	1117	1534	1312	1801.98	3800	5222	-	24669	-	32408	-	-	-	-
Y	-	238	663	910	768	1055	1460	2112	1716	2482	4817	6615	-	33191	-	43604	-	66240	-	72680
YB	-	-	878	1207	1019	1400	2134	2931	2508	3444	6564	9015	-	41682	-	54759	-	74160	-	81370
BN	-	-	910	-	1055	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B	-	311	1035	1421	1200	1648	2931	4026	3444	4730	7862	10796	-	46971	-	61707	-	95256	-	104517
BG	-	-	1207	1657	1400	1921	3661	5028	4302	5910	9286	12752	-	55498	-	72909	-	-	-	-
G	-	393	1490	2046	1728	2372	4476	6141	5259	7216	11650	16000	-	66340	-	87155	-	109440	-	120080
RG	-	-	1802	2476	2090	2871	5651	7759	6639	9117	13673	18675	-	-	-	-	-	-	-	-
R	-	485	2028	2785	2351	3229	5843	8024	6865	9430	15695	21557	-	76403	-	100373	-	135000	-	148125
RK	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
K	-	-	-	-	-	-	6089	8361	7155	9825	18208	25000	-	80900	-	106290	-	169272	-	185730

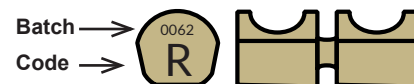
* Full complement or single pin can be used.

Torque figures are for full complement of Wedgepins fitted – adjust torques by reducing the number of Wedgepins or fitting multiple code.

Ordering new Wedgepins
Example: W37 - B - R

W37 Wedgepin size	B Material Brass	R Breaking Torque Code Letter
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Identification on existing Wedgepin



Tel: +44 (0)1453 750814
Fax: +44 (0)1453 765320
www.howdon.co.uk
sales@howdon.co.uk



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Torque Table / in-lbs

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BRASS = B STEEL = S	B	S	B	S	B	S	B	S	B	S	B	S	B	S	B	S	B	S	B	S
TORQUE CODES	* Wedgepins x 2		* Wedgepins x 3		* Wedgepins x 3		* Wedgepins x 3		* Wedgepins x 3		* Wedgepins x 3		* Wedgepins x 4		* Wedgepins x 4		* Wedgepins x 4		* Wedgepins x 4	
O	-	-	1186	1635	1375	1896	3346	4588	3931	5391	-	-	-	-	-	-	-	-	-	-
OW	-	-	1647	2259	1910	2619	5066	7265	5953	8536	-	-	-	-	-	-	-	-	-	-
GD	-	-	2221	3057	2576	3545	-	-	-	-	-	-	-	-	-	-	-	-	-	-
W	-	686	3082	4231	3574	4906	7284	9999	8558	11748	23979	32915	-	146701	-	192725	-	-	-	-
WY	-	1038	4443	6103	5152	7076	9884	13574	11613	15949	33643	46221	-	218336	-	286834	-	-	-	-
Y	-	2103	5865	8049	6801	9334	12924	18697	15185	21969	42635	58546	-	293763	-	385924	-	586273	-	643272
YB	-	-	7775	10682	9015	12387	18888	25943	22194	30483	58098	79780	-	368919	-	484659	-	-	-	-
BN	-	-	8049	-	9334	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B	-	973	9160	12579	10622	14587	25943	35635	30483	41871	69583	95551	-	415728	-	546153	-	843087	-	925053
BG	-	-	10682	14663	12387	17003	32404	44506	38075	52294	82189	112863	-	491200	-	645303	-	-	-	-
G	-	3474	13191	18108	15296	20997	39612	54351	46544	63863	103114	141632	-	587166	-	771374	-	968626	-	1062797
RG	-	-	15949	21914	18494	25411	50012	68670	58764	80688	121014	165274	-	-	-	-	-	-	-	-
R	-	4293	17946	24647	20809	28580	51713	71022	60763	83451	138915	190794	-	676224	-	888373	-	1194851	-	1311017
RK	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
K	-	-	-	-	-	-	53893	74004	63324	86955	161157	221300	-	716082	-	940735	-	1498183	-	1643840

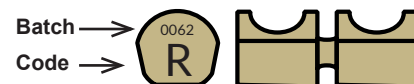
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WEDGE PIN	W25		W37		W37		W50		W50		W75		W100		W100		W120		W120	
BRASS = B STEEL = S	B	S	B	S	B	S	B	S	B	S	B	S	B	S	B	S	B	S	B	S
TORQUE CODES	* Wedgepins x 2		* Wedgepins x 3		* Wedgepins x 3		* Wedgepins x 3		* Wedgepins x 3		* Wedgepins x 3		* Wedgepins x 4		* Wedgepins x 4		* Wedgepins x 4		* Wedgepins x 4	
O	-	-	99	136	115	158	279	382	328	449	-	-	-	-	-	-	-	-	-	-
OW	-	-	137	188	159	218	422	605	496	711	-	-	-	-	-	-	-	-	-	-
GD	-	-	185	255	215	295	-	-	-	-	-	-	-	-	-	-	-	-	-	-
W	-	57	257	353	298	409	607	833	713	979	1998	2743	-	12225	-	16060	-	-	-	-
WY	-	87	370	509	429	590	824	1131	968	1329	2804	3852	-	18195	-	23903	-	-	-	-
Y	-	175	489	671	567	778	1077	1558	1265	1831	3553	4879	-	24480	-	32160	-	48856	-	53606
YB	-	-	648	890	751	1032	1574	2162	1849	2540	4841	6648	-	30743	-	40388	-	54697	-	60015
BN	-	-	671	-	778	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B	-	229	763	1048	885	1216	2162	2970	2540	3489	5799	7963	-	34644	-	45513	-	70257	-	77088
BG	-	-	890	1222	1032	1417	2700	3709	3173	4358	6849	9405	-	40933	-	53775	-	-	-	-
G	-	290	1099	1509	1275	1750	3301	4529	3879	5322	8593	11803	-	48930	-	64281	-	80719	-	88566
RG	-	-	1329	1826	1541	2118	4168	5723	4897	6724	10085	13773	-	-	-	-	-	-	-	-
R	-	358	1495	2054	1734	2382	4309	5918	5064	6954	11576	15899	-	56352	-	74031	-	99571	-	109251
RK	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
K	-	-	-	-	-	-	4491	6167	5277	7246	13430	18442	-	59673	-	78394	-	124848	-	136986

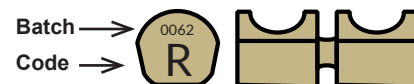
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