

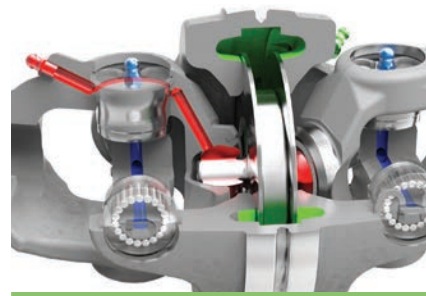
## 80° Constant Velocity Joint - WWCV



Compact and articulated guard system angled up to 80°



Hardened spherical ball and socket



Unique greasing system  
4 grease points in line

### DESIGN FEATURES

- 80° maximum short duration or standstill operation
- 25° maximum continuous operation
- Centering assembly includes floating plates (PATENTED)
- Single point pressurized ball and socket greasing system (PATENTED)
- Extended greasing system available:
  - E-kit, extended greasing interval cross and bearing (bushing lube)
  - Sealed ball and socket system (PATENTED)
  - Sealed center housing (PATENTED)

This Weasler product is designed and developed for:



Loader wagons



Sprayers



Trailed mowers



Slurry tanks



Balers



Forage transport wagons



Rakes/Tedders



Feeder mixers

## Higher Value • Smarter Solutions



### OUR COMPANY

The Weasler Engineering group is one of the world's leading manufacturers of PTO drive shafts and components for Agricultural and Lawn & Turf machinery. Weasler Engineering BV, based in Wijchen, the Netherlands, is a subsidiary of Weasler Engineering Inc. in West Bend, Wisconsin, USA. Weasler has production facilities in the Netherlands, Hungary and North America.

Weasler Engineering's wide range of products feature the German-style shafts (lemon and star profile tubing), the Italian-style shafts (triangular profile tubing) and the North American style shafts (rectangular, square and splined shafting). Weasler offers the widest range of spare parts in the market with drive shafts ranging from 3 kW/4 HP up to 197 kW/264 HP.

Weasler also offers high speed drive shafts (up to 3.600 rpm) as well as a broad range of high end gearboxes. Weasler supplies quality products to all major Original Equipment Manufacturers (OEMs) worldwide and is market leader in North America for both production drive shafts and spare parts.

Years of experience, with a commitment to research and development, has allowed Weasler Engineering to develop the patented EASY LOCK safety guard as well as the patented fully enclosed wide angle guard and integral safety guard.

With these products Weasler has proven itself as a manufacturer of user-friendly safety guards for PTO drive shafts. These safety guards have been tested and are CE approved to EN ISO 5674.

Weasler Engineering offers a full range of aftermarket products to a worldwide network of reputable distributors and agents. A wide range of products and marketing services are available to help increase effectiveness of repairs such as a user-friendly catalogue and marketing tools.

All facilities in the Weasler Engineering group have an ISO 9001:2008 Registered Quality Management System. Weasler maintains a continuous focus on quality, safety and innovation and the Weasler brand stands for high quality, reliable and flexible service.

Please contact us if you would like to have further information about our products and the benefits Weasler Engineering can bring to your company.



## Higher Value • Smarter Solutions

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AN  
**Actuant** COMPANY



Universal



EUCV

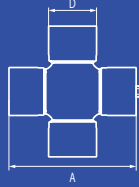
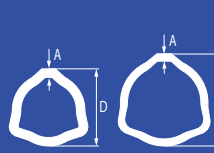



WWCV






Universal joint - Dimensions and power ratings

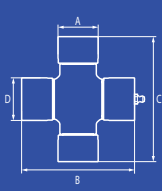
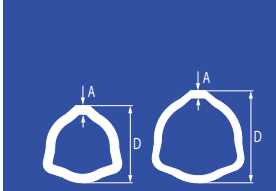
Series				Joint capacity									
				Dynamic									
				540 rpm				1.000 rpm				Max. P-kit	Max. E-kit
				Power P-kits*		Power E-kits*		Power P-kits*		Power E-kits*			
	D x A [mm]	D x A [mm]	D x A [mm]	[kW]	[HP]	[kW]	[HP]	[kW]	[HP]	[kW]	[HP]	[Nm]	[Nm]
AB1	22 x 54	26.5 x 3.4	32.5 x 2.5	11	15	14	19	17	23	22	29	342	398
AB2	23.8 x 61.2	29 x 4.1	36 x 3.2	16	21	19	25	24	33	29	38	493	527
AB3	27 x 70	36 x 3.2	43.5 x 3.4	21	29	28	38	33	44	44	58	668	807
AB4	27 x 74.6	36 x 3.9	43.5 x 3.4	27	36	34	45	41	56	52	70	836	960
AB5	30.2 x 79.4	45 x 4.2	51.5 x 3	39	52	49	65	60	81	75	100	1212	1382
AB6	30.2 x 92	45 x 4.2	54 x 4.5	48	64	59	79	73	99	91	122	1483	1687
AB7N	34.9 x 94	45 x 5.4	54 x 4.5	59	79	70	94	91	122	108	145	1835	1993
AB8	34.9 x 106.5	54 x 4.5	63 x 4.1	75	100	90	120	115	154	138	185	2316	2553
AB9	41 x 108	54 x 4.9	63 x 4.1	89	120	113	151	138	185	173	232	2781	3206
AM77S	45 x 126	54 x 5.9	66 x 5.7	-	-	128	171	-	-	197	264	-	5084

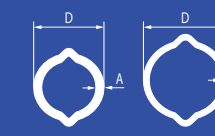
													
	D x A [mm]	D x A [mm]	D x A [mm]	[kW]	[HP]	[kW]	[HP]	[kW]	[HP]	[kW]	[HP]	[Nm]	[Nm]
AW10	22 x 54.8	23.5 x 4	30 x 2.9	11	15	14	19	17	23	22	29	349	406
AW10S		23.5 x -	30 x 2.9										
AW20	23.8 x 61.2	34.5 x 4	41 x 2.9	16	21	19	25	24	33	29	38	493	527
AW21	27 x 74.6	34.5 x 4	41 x 2.9	27	36	34	45	41	56	52	70	836	960
AW21S		39.5 x 4.5	48 x 3.8										
AW35	32 x 76	39.5 x 4.5	48 x 3.8	39	52	49	66	59	80	76	102	1197	1402

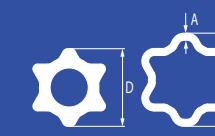
													
	D x A [mm]	D x A [mm]	D x A [mm]	[kW]	[HP]	[kW]	[HP]	[kW]	[HP]	[kW]	[HP]	[Nm]	[Nm]
AW35S	32 x 76	51 x -	61 x 4.3	39	52	49	66	59	80	76	102	1197	1402
AW36	36 x 88.8	51 x -	61 x 4.3	60	80	70	94	92	124	107	144	1864	1987
AW26	42 x 104	61 x 6	71.5 x 5	85	113	111	149	130	175	171	230	2628	3166

\* Applies to a universal joint at an angle of 5° and a lifespan of 1.000 hours.

EUCV joint - Dimensions and power ratings

Series	<div>Cross-kit</div> 	<div>Profile tubes</div> 		Joint capacity				
				Dynamic				
				540 rpm		1.000 rpm		Max. P-kit
				Power P-kits*		Power P-kits*		
	A x B (mm) D x C (mm)	D x A [mm]	D x A [mm]	[kW]	[HP]	[kW]	[HP]	[Nm]
AB4-80°	24 x 75 27 x 91	36.5 x 4.2	43.5 x 3.2	27	36	41	56	836
AB6-80°	27 x 76 32 x 94	45 x 4	54 x 4.3	39	52	59	80	1197

	<div>Profile tubes</div> 							
	A x B (mm) D x C (mm)	D x A [mm]	D x A [mm]	[kW]	[HP]	[kW]	[HP]	[Nm]
AW21-80°	24 x 75 27 x 91	35 x 4.2	41 x 2.7	27	36	41	56	836
AW35-80°	27 x 76 32 x 94	40 x 4.8	48 x 3.6	39	52	59	80	1197

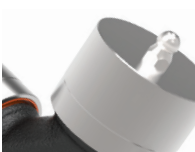
	<div>Profile tubes</div> 							
	A x B (mm) D x C (mm)	D x A [mm]	D x A [mm]	[kW]	[HP]	[kW]	[HP]	[Nm]
AW36-80°	32 x 89 36 x 106	51.5 x -	61 x 4	60	80	92	124	1864

\* Applies to an EUCV joint at an angle of 10° and a lifespan of 1.000 hours.

P-kits (PBL) vs E-kits (EBL)

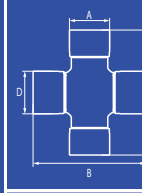
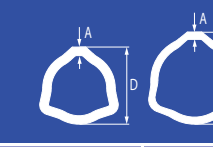


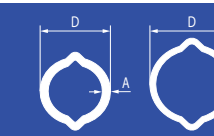
E-Kits provide increased capacity and extended lubrication intervals. The standard P-kits lube cycle is 8-50 hours whereas the E-kit lube cycle is 50-250 hours, both depending on the application.

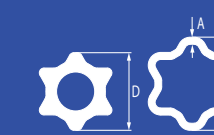


Bushing Lube (BL) - Improved ease of lubrication by better accessible grease nipple on the cup.

WWCV joint - Dimensions and power ratings

Series	<div>Cross-kit</div> 	<div>Profile tubes</div> 		Joint capacity				
				Dynamic				
				540 rpm		1000 rpm		Max. E-kit
				Power E-kits*		Power E-kits*		
	A x B (mm) D x C (mm)	D x A [mm]	D x A [mm]	[kW]	[HP]	[kW]	[HP]	[Nm]
AB2-80°	22 x 61 24 x 76	29.5 x 4.2	36 x 3.2	19	25	29	38	527
AB4-80°	27 x 81.8	36.5 x 4.2	43.5 x 3.2	34	45	52	70	960
AB6-80°	28.6 x 81.3 31.8 x 108	45 x 4.1	54 x 4.3	58	77	89	119	1491
AB7N-80°	34.9 x 106.5	45 x 5.6	54 x 4.3	70	94	108	145	1993
AB8-80°	34.9 x 106.5	54 x 4.7	63 x 3.9	90	120	138	185	2553
AB9-80°	34.9 x 106.5	54 x 5.2	63 x 3.9	113	151	173	232	2712

	<div>Profile tubes</div> 							
	A x B (mm) D x C (mm)	D x A [mm]	D x A [mm]	[kW]	[HP]	[kW]	[HP]	[Nm]
AW20-80°	22 x 61 24 x 76	35 x 4.2	41 x 2.7	19	25	29	38	527
AW21-80°	27 x 81.8	35 x 4.2	41 x 2.7	34	45	52	70	960
AW35-80°	28.6 x 81.3 31.8 x 108	40 x 4.8	48 x 3.6	58	77	89	119	1491

	<div>Profile tubes</div> 							
	A x B (mm) D x C (mm)	D x A [mm]	D x A [mm]	[kW]	[HP]	[kW]	[HP]	[Nm]
AW36-80°	34.9 x 106.5	51.5 x -	61 x 4	70	94	108	145	1993

\* Applies to a WWCV joint at an angle of 10° and a lifespan of 1.000 hours

- Centering assembly includes floating plates that retain lubricant and keep dirt and contaminants out.
- Ball and socket design provides surface contact to distribute loads and reduce wear.
- Articulated guard system maintains full coverage with mating guard bell as CV is angled up to 80°.
- Extended lubrication CV drive shaft available and includes E-Kits, E-ball and socket yokes, E-center housing.