

# Red Shift® 575 & 576 Cams

## Red Shift 575

### Popular Grind for Stock or Modified Engines 96", 103" & 107"

The Red Shift 575 is a favorite with engine builders, since it can be used in many late model Twin Cam® builds with 7mm valves and factory beehive springs. The RS575 was designed specifically for the OEM beehive spring (18245-02) that's used in all standard Twin Cams® from 2005 on (excluding all CVO models). The proprietary profile design ensures maximum valve train acceleration, which gives the rider a very free-revving experience that begs for more throttle. This is a great cam if you need a bolt-in now, but plan on upgrading the heads and compression in the future. However this cam is most impressive when used with high flowing heads, 10.5:1 compression, yielding a superior balanced torque and horsepower curve. As long as the valve train is light, this is one of the most powerful cams on the market for a Twin Cam® engine.

#413-926S

#### PART NO. DESCRIPTION

**#413-926S Red Shift® 575 Performance Cams** Excellent Toque Cam in stock or engine with modifications! Use with the stock conical (beehive) valve springs. **Chain Drive.**



BEEHIVE

### Red Shift 575 Cams for 2007-Up Twin Cam® Engines

Cam Name	Valve	Opening @ 0.053	C/L	Closing @ 0.053	Duration	TDC Lift @ Valve	Total Lift @ Valve	Bolt-In?	Recommended Valve Spring
RS 575	Intake	25	97	41	246	0.200	0.575	Yes	OE 7mm Beehive (18245-02)
	Exhaust	49	105	17	246	0.157	0.575		

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**Recommended:** Use with Red Shift® Dual Piston Cam Chain Tensioners (#413-901) for improved cam chest component reliability, maximum throttle response and reduced valve train noise.

## Red Shift 576

### New Grind for 103", 107" & CVO110" Engines

The Red Shift 576 was developed off of the success of the RS575 cam, but meant to work with the heavier springs and valves that are present in CVO motorcycles and many aftermarket engine builds. The cam timing events are the same as the RS575, which results in the same power output and feel of the proven 575 design. The new profile yields a quiet valve train when used with heavier 5/16" stem valves and higher performance valve springs.

This is an excellent cam to use with a CVO110 engine, and really shines when compression and increased airflow are added.

#### PART NO. DESCRIPTION

**#413-929S Red Shift 576 Performance Cams** Designed for Twin Cam engines with 5/16" stem valves and aftermarket dual spring packs, or OE CVO110 engines. **Chain Drive.**



DUAL SPRING

### Red Shift 576 Cams for 2007-Up Twin Cam® Engines

Cam Name	Valve	Opening @ 0.053	C/L	Closing @ 0.053	Duration	TDC Lift @ Valve	Total Lift @ Valve	Bolt-In?	Recommended Valve Spring
RS 576	Intake	25	97	41	246	0.215	0.576	Yes CVO110 ONLY	CVO110 or 538-111
	Exhaust	49	105	17	246	0.162	0.576		

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