

530 STATE FAIR BOULEVARD  
 SYRACUSE, NEW YORK 13204  
 1-800-634-3001 OR 315-471-8141 EST  
[www.autogear.net](http://www.autogear.net)  
[service@autogear.net](mailto:service@autogear.net)



## UNIT COUNTERSHAFT GEARBOXES AND GEARSETS

*At Auto Gear, the part numbers for unit countershaft Gearboxes, Gearbox Kits, and Gearsets all contain three digit 'Ratio Codes' (charted below).*

### RATIO CODES FOR GEARBOXES, GEARBOX KITS AND GEARSETS

COMMON NAME	MAINDRIVE SPLINES	GEARBOX RATIO CODE	GEARSET RATIO CODE	4 <sup>TH</sup> GEAR	3 <sup>RD</sup> GEAR	2 <sup>ND</sup> GEAR	1 <sup>ST</sup> GEAR
M22Z	10	008	033	1.000	1.468	2.043	2.984
M22Z	26 (1)	008	034	1.000	1.468	2.043	2.984
M22W	10	002	007	1.000	1.366	1.752	2.559
M22W	26	002	008	1.000	1.366	1.752	2.559
M22	10	001	003	1.000	1.274	1.640	2.199
M22	26	001	004	1.000	1.274	1.640	2.199
M22X (2)	10	003	005	1.000	1.174	1.506	2.199
M22X (2)	26	003	006	1.000	1.174	1.506	2.199
M21Y (3)	10	007	029	0.859	1.000	1.506	2.199
M21Y (3)	26	007	030	0.859	1.000	1.506	2.199
M20	10	004	009	1.000	1.461	1.880	2.521
M20	26	004	011	1.000	1.461	1.880	2.521
M21W (3)	10	006	027	1.000	1.346	1.726	2.521
M21W (3)	26	006	028	1.000	1.346	1.726	2.521
M21 (3)	10	005	010	1.000	1.274	1.640	2.199
M21 (3)	26	005	012	1.000	1.274	1.640	2.199

Notes:

- (1) 26 spline M22Z unit cluster gearsets are only available with an oilseal maindrive.
- (2) This gearset is available as modular only.
- (3) This product is discontinued. Please call regarding alternatives.

## UNIT COUNTERSHAFT GEARBOXES AND GEARSETS

Prefixes ('Product Codes') tell us whether the item is a Gearbox ('18-000-'), Gearbox kit ('18-400-') or Gearset ('18-410-'). For example, '18-000-003' is a complete M22X gearbox, '18-400-002' is an unassembled M22W gearbox kit, and '18-410-033' is an M22Z gearset.

Suffixes ('Option Codes') refine the specification. There are two sets, one for Gearboxes and Gearbox kits, and a second for Gearsets.

### OPTION CODES FOR GEARBOXES AND GEARBOX KITS

GEARBOX OPTION CODE	INPUT SPLINE	OUTPUT SPLINE	ROLLER 1ST
-0X (NOT WRITTEN OUT)	26 OILSEAL	32	YES
-1X (OBSOLETE)	26 NUT	32	YES
-2X	26 OILSEAL	27	YES
-3X (OBSOLETE)	26 NUT	27	YES
-4X	10 NUT	32	YES
-6X	10 NUT	27	YES
-8X	26 OILSEAL	32	NO
-9X (OBSOLETE)	26 NUT	32	NO
-10X	26 OILSEAL	27	NO
-11X (OBSOLETE)	26 NUT	27	NO
-12X	10 NUT	32	NO
-14X	10 NUT	27	NO

### OPTION CODES FOR GEARSETS

GEARSET OPTION CODE	INPUT SPLINE	ROLLER 1ST
-0X (NOT WRITTEN OUT)	NUT	NO
-1X	NUT	YES
-2X	OILSEAL (4)	NO
-3X	OILSEAL (4)	YES

Notes:

(4) Available with 26 spline only.