



TWIN LEAD SCREWS

Acme and Trapezoidal

Helix twin-lead Acme screws offer dual opposing motion using a single drive system. These one-piece high performance acme screws are made from high alloy steel that is black oxide finished for protection and can be assembled with Helix PowerAc™ Acme nuts, flanges and EZZE-MOUNT™ bearing supports to form cost effective systems.

- Available in inch (3/8" - 2") and metric sizes (8 - 65mm)
- ACME and Trapezoidal
- Materials include Alloy Steel and Stainless, rolled or milled

CONFIGURATIONS AND OPTIONS

INCH ACME SCREW

Thread Form Codes

Code	Dia. - Lead	Code	Dia. - Lead
032	= 3/8"-12*	104	= 1"-4
050	= 1/2"-10	105	= 1"-5*
063	= 5/8"-2 2/3	106	= 1"-6
065	= 5/8"-5	110	= 1"-10*
068	= 5/8"-8*	124	= 1-1/4"-4
073	= 3/4"-3	125	= 1-1/4"-5*
075	= 3/4"-5*	154	= 1-1/2"-4*
076	= 3/4"-6	155	= 1-1/2"-5
070	= 3/4"-10	150	= 1-1/2"-10
086	= 7/8"-6	174	= 1-3/4"-4
111	= 1"-1	204	= 2"-4*

* These twin-lead screws are stocked without end machining

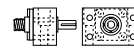
METRIC LEAD SCREW

Thread Form Codes

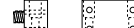
Code	Dia. x Lead	Code	Dia. x Lead	CODE	Dia. x Lead
896	= 8 x 1.5	910	= 12 x 6	917	= 18 x 4
897	= 8 x 4	911	= 12 x 10	903	= 20 x 4
898	= 8 x 8	912	= 14 x 3	918	= 20 x 8
899	= 10 x 2	913	= 14 x 4	904	= 26 x 6
900	= 10 x 3 (1.5)	914	= 16 x 2	905	= 40 x 7
908	= 10 x 9	902	= 16 x 4	906	= 55 x 12
909	= 11 x 6	915	= 16 x 6	907	= 65 x 12
901	= 12 x 3	916	= 16 x 8		

END CONFIGURATIONS

Universal Double Bearing Support
End Cap Facing Screw Thread



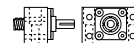
Universal Single Bearing Support



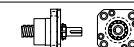
Flanged Single Bearing Support
Flange Facing Screw Thread



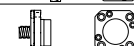
Universal Double Bearing Support End
Cap Facing Away From Screw Thread



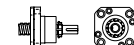
Flanged Double Bearing Support
Flange Facing Screw Thread



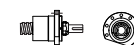
Flanged Single Bearing Support Flange
Facing Away From Screw Thread



Flanged Double Bearing Support Flange
Facing Away From Screw Thread



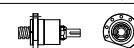
Flanged Fixed Bearing Support
Flange Facing Screw Thread



Universal Double Bearing Support
with Motor Mount



Flanged Fixed Bearing Support
Flange Facing Away From Screw Thread



Flanged Double Bearing Support
with Motor Mount



No End Machining (Screw will be cut to desired length).
Custom Machining (Print or specified data must be provided).

END CONFIGURATIONS

Single Bearing Supports are used in conjunction with Type 1N end machining.

Double Bearing Supports are used in conjunction with Type 3K, 3L, or 3N end machining.

Flanged Fixed Bearing Mounts are used in conjunction with Type 5 end machining.

MATERIAL

Alloy Steel, Rolled
Alloy Steel, Milled
Alloy Steel, Ground
Stainless, Rolled
Stainless, Milled
Stainless, Ground

COATING

PTFE coating

Note: Please refer to the Helix Linear ACME Screw Assemblies catalog for details. Not all materials are available for all sizes.

EZZE-MOUNT™ / SHAFT EXTENSION End Machining

Type 1
Type 2

Type 3
Type 4
Type 5

Shaft Extension w/ Keyway
Shaft Extension w/o Keyway
No Shaft
Handwheel

Note: Please refer to the Helix Linear ACME Screw Assemblies catalog for details.