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Teamco Industries Corporation

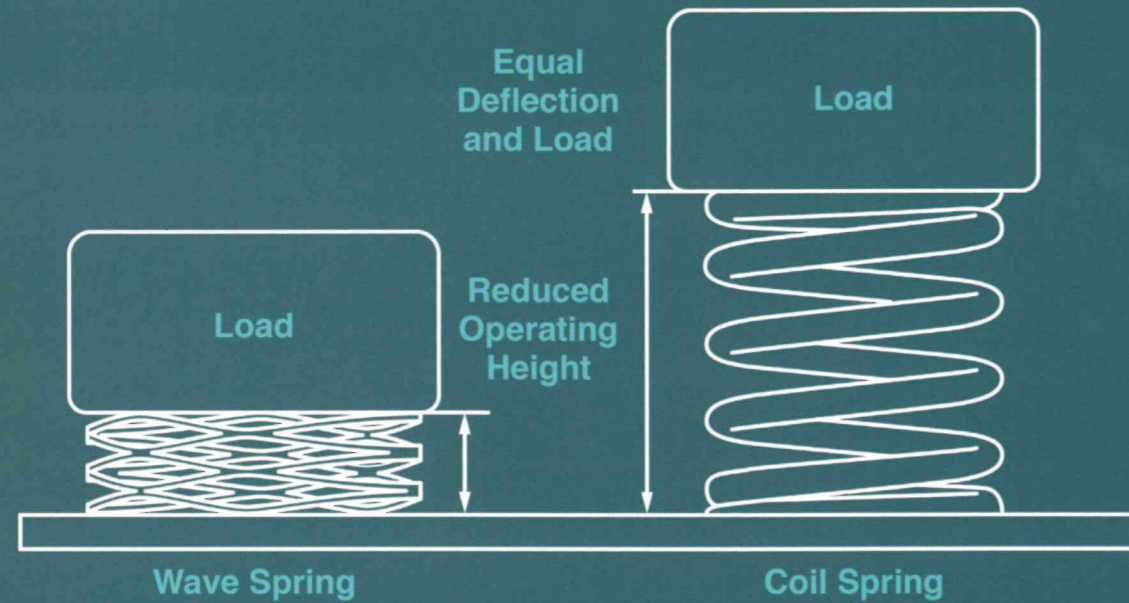
SPRINGS TO
YOUR DESIGN

WAVE SPRINGS



Teamco Industries Corporation

SAVE SPACE WITH WAVE SPRINGS



Space Savings

Reduced Work Height
Up to 50% of Axial Space Savings compared to conventional coil springs

Spring Characteristics

Precise specification of the spring load at individual work heights

Flexible Flat Wire Production

In-house Flat Wire Production for various dimensions
Special Grades available
Prototypes and large production runs

Design Center

In-house Tooling design
OEM Service
ODM Service

Technical Support

Computer Aided Spring Calculations

Quality

Certified to ISO 9001
Spring Fatigue Cycle Test
Loading Test

TYPES OF WAVE SPRINGS

Size Range 1/2" to 16" (12mm to 500mm)
2 major types – Single turn and Multi turn

Single Turn Wave Spring



Nested Multi Turn Wave Spring



Multi Turn Wave Spring



Standard Material Grades

AISI 1070-1090 Carbon Steel (DIN 1.1231 - 1.1273)
17-7PH Stainless Steel (DIN 1.4568 – X7CrNiAl17-7)
302 & 304 & 316 (DIN 1.4319 & 1.4301 & 1.4401)

Special Material Grades

Inconel X-750 (DIN 2.4669)
Inconel 718 (DIN 2.4668)
Inconel 625 (DIN 2.4856)
Incoloy A-286 (DIN 1.4980)
Beryllium Copper (DIN 2.1247)
Hastelloy B-2 (DIN 2.4617), Hastelloy B-3 (DIN 2.4600), Hastelloy C-22 (DIN 2.4602), Hastelloy C-276 (DIN 2.4819), Hastelloy C-2000 (DIN 2.4675)

Haynes 214 (DIN 2.4646)
Nickel 270
Elgiloy (DIN 2.4711)
MP35N (DIN 2.4999)
Rene 41 (DIN 2.4973)
Alloy 20 CB3 (DIN 2.4660)
Nimonic 90 (DIN 2.4969), Nimonic 80A (DIN 2.4631)
Monel K-500 (DIN 2.4375)