

Choose the correct Renold chain

RENOLD

Use the table below to help choose the right chain for your application.

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When it comes to choosing the right chain for the job, there are many elements to consider.

For general purpose use, choose from our range of **Transmission Chains**. Here, wear, fatigue performance and suitability of use in high speed systems may be an important consideration.

However, in some circumstances, such as highly corrosive environments, resistance to chemicals may be of higher importance. Where this is the case, choose from our range of **Solution chains**.

Feature/ environment	Wear performance	Fatigue performance	Hi speed drives suitability	Shock load resistance	General purpose	"Easy break"	Low maintenance	Food environment	Corrosive environment	Hi-abrasive environment	Damp/wet environment
Transmission chains											
Renold Synergy	★★★★★	★★★★★	★★★★★	★★★★★	✓	✓		☎	✗	✗	✗
Renold Brand	★★★★	★★★★	★★★★	★★★★	✓	✓		☎	✗	✗	✗
Renold A&S	★★★	★★★	★★★	★★★	✓			☎	✗	✗	✗
Renold SD	★★	★★	★★	★★	✓			☎	✗	✗	✗
Solution chains											
Renold Syno NP	★★★	★★★	✗	★★			✓	✓	✗	✗	✗
Renold Syno PB	★★★	★★★	✗	★★			✓	☎	☎	✗	✓
Renold Syno PC	★	★	✗	★			✓	✓	☎	✗	✓
Renold Sovereign	★★★★★	★★★★★	★★★★★	★★★★★			✓	☎	✗	✓	✗
Nickel Plated Chain	★★★★	★★★	★★★★	★★★			✗	☎	☎	✗	✓
Stainless Steel Chain	★★	★★	✗	★★			✗	✓	✓	✗	✓
Zinc Plated Chain	★★★	★★★	★★★★	★★★			✗	✗	☎	✗	✓
Renold Hydro Service	★★★	★★★★	★★★★	★★★★			✗	☎	☎	✗	✓

Key: ★★★★★ Exceptional ★★★★★ Excellent ★★★ Very Good ★★ Good

☎ Application / Specification dependent; please consult Renold Technical Department ✗ Not suitable or not recommended