

Clinical Advantages

LIMBER™

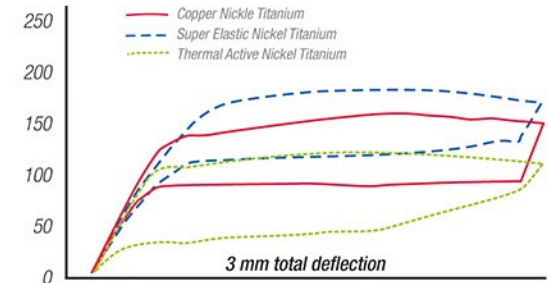
A Copper NiTi Wire

- A true super elastic wire with thermo elastic shape memory.
- Generates more consistent tooth movement as the wire is active longer in the optimal force range.
- Offered in multiple transformation temperatures to provide the right wire for your unique case.
- The higher the temperature transition (TTR), the lower the relative forces delivered by the wire.
- The lighter forces exhibited by the copper nickel titanium and its high flexibility, allow these wires to be engaged in cases with moderate to severe tooth to tooth misalignment.
- Longer clinical activation promotes reduced chair time and greater durations between wire changes.
- Independent testing has shown that the copper nickel titanium wire demonstrates maximum unraveling of crowding over a period of time, when compared to nickel titanium and stainless steel.
- The addition of copper has been known to increase corrosive resistance and control the hysteresis width.



Inches	MM	NATURAL FORM		BROAD FORM		TRANSITION TEMP
		Upper	Lower	Upper	Lower	
0.013	0.34	13-400-100	13-400-101	13-401-100	13-401-101	27°
0.014	0.36	13-400-102	13-400-103	13-401-102	13-401-103	27°
0.016	0.40	13-400-104	13-400-105	13-401-104	13-401-105	27°
0.018	0.46	13-400-106	13-400-107	13-401-106	13-401-107	27°
.014x.025	0.36x.063	13-400-110	13-400-111	13-401-110	13-401-111	27°
.016x.025	0.41x.063	13-400-112	13-400-113	13-401-112	13-401-113	27°
.017x.025	0.34x.063	13-400-116	13-400-117	13-401-116	13-401-117	27°
.018x.025	0.46x.063	13-400-120	13-400-121	13-401-120	13-401-121	27°
.019x.025	0.48x.063	13-400-122	13-400-123	13-401-122	13-401-123	27°
.021x.025	0.53x.063	13-400-124	13-400-125	13-401-124	13-401-125	27°

Inches	MM	NATURAL FORM		BROAD FORM		TRANSITION TEMP
		Upper	Lower	Upper	Lower	
0.013	0.34	13-402-100	13-402-101	13-403-100	13-403-101	35°
0.014	0.36	13-402-102	13-402-103	13-403-102	13-403-103	35°
0.016	0.40	13-402-104	13-402-105	13-403-104	13-403-105	35°
0.018	0.46	13-402-106	13-402-107	13-403-106	13-403-107	35°
.014x.025	0.36x.063	13-402-110	13-402-111	13-403-110	13-403-111	35°
.016x.025	0.41x.063	13-402-112	13-402-113	13-403-112	13-403-113	35°
.017x.025	0.34x.063	13-402-116	13-402-117	13-403-116	13-403-117	35°
.018x.025	0.46x.063	13-402-120	13-402-121	13-403-120	13-403-121	35°
.019x.025	0.48x.063	13-402-122	13-402-123	13-403-122	13-403-123	35°
.021x.025	0.53x.063	13-402-124	13-402-125	13-403-124	13-403-125	35°



Use 27°C Copper when higher force levels are needed.
Use 35°C Copper when Medium force levels are needed.

IOS
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