

Texas High School Gymnastics Coaches Association

2021-2024 Optional Vault Values

Difficulty Value = FIG based formula as listed

Exercise Presentation Value = 6.0

Stick Bonus = +0.1

EG I: Vaults with Complex Twists

Handspring, Tuck Front 1/1 or more ***	9.9
Tsukahara Tuck 3/2 or more ***	9.9
Yurchenko Tuck 3/2 or more ***	9.9

EG II: Handspring Vaults

Front Handspring	8.1
Front Handspring 1/2	8.4
Front Handspring 1/1	8.7
Front Handspring 3/2	9.0
Front Handspring 2/1	9.3
Front Handspring 5/2	9.6

Handspring, Tuck Front**	9.5
Handspring, Tuck Front 1/2**	9.8

Handspring, Pike Front**	9.8
Handspring, Pike Front 1/2 or more ***	9.9

Handspring, Stretch Front	9.9
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FIG - THSGCA Conversion Formula

FIG 1.6	2.1 THSGCA
FIG 1.8	2.4 THSGCA
FIG 2.0	2.7 THSGCA
FIG 2.2	3.0 THSGCA
FIG 2.4	3.3 THSGCA
FIG 2.6/2.8	3.6 THSGCA
FIG 3.0+	3.9 THSGCA

* Tsukahara and Yurchenko Stretch are devalued by -0.3 in value.

** EG 2 Flipping Vaults will receive an additional +0.2 in value (not to exceed 9.9 without stick bonus).

*** High value vaults are devalued due to the constraints of the THSGCA 10.0 maximum start value.

EG III: Handspring with 1/4 or 1/2 turn in 1st Flight Phase

1/4 Turn On, 1/4 Off	8.1
1/4 Turn On, 3/4 Off	8.4
1/4 Turn On, 5/4 Off	8.7

Tsukahara Tuck	9.0
Tsukahara Tuck 1/2	9.3
Tsukahara Tuck 1/1 (or Kasamasu)	9.6

Tsukahara Pike	9.3
Tsukahara Stretch *	9.6
Tsukahara Stretch 1/2 or more ***	9.9

* Tsukahara Stretch is devalued by 0.3

*** High Value Vaults are drastically devalued

EG IV: Round Off Entry (Yurchenko Style) Vaults

Round off, Handspring	8.1
Round off, Handspring 1/2	8.4
Round off, Handspring 1/1	8.7

Yurchenko Tuck	9.0
Yurchenko Tuck 1/2	9.3
Yurchenko Tuck 1/1	9.6

Yurchenko Pike	9.3
Yurchenko Stretch *	9.6
Yurchenko Stretch 1/2 or more ***	9.9

* Yurchenko Stretch is devalued by 0.3

*** High Value Vaults are drastically devalued