

ESF Pin Overlay Ordering Guide



Pins drawn to actual size (Overlay Guide Length Variations +/-1.6mm)

INTERFACE® Fixation Half-pins Positive-thread Profile

	PART NUMBER	SHAFT/THREAD DIAMETER	FRACTIONAL EQUIVALENT	RECOMMENDED DRILL BIT	THREAD LENGTH*	OVERALL LENGTH
2.0/2.5	15020	2.0mm / 2.5mm	—	2.0mm	20mm	95mm
	15332	2.4mm / 3.2mm	3/32" / 1/8"	2.3mm	25mm	100mm
SMALL	1533L	2.4mm / 3.2mm	3/32" / 1/8"	2.3mm	31mm	150mm
	15764	2.8mm / 3.5mm	7/64" / 9/64"	2.7mm	28mm	110mm
SMALL-PLUS	1576L	2.8mm / 3.5mm	7/64" / 9/64"	2.7mm	50mm	150mm
	15030	3.0mm / 3.5mm	—	3.0mm	30mm	110mm
3.0/3.5	15180	3.2mm / 4.0mm	1/8" / 5/32"	3.1mm	31mm	115mm
	1518L	3.2mm / 4.0mm	1/8" / 5/32"	3.1mm	50mm	150mm
MEDIUM	15964	3.5mm / 4.3mm	9/64" / 11/64"	3.5mm	35mm	130mm
	1596L	3.5mm / 4.3mm	9/64" / 11/64"	3.5mm	54mm	175mm
MEDIUM-PLUS	15532	4.0mm / 4.8mm	5/32" / 3/16"	3.9mm	38mm	150mm
	1553L	4.0mm / 4.8mm	5/32" / 3/16"	3.9mm	57mm	200mm
LARGE						

Add NP to part numbers to order No-Point pins * Thread length dimension includes trocar point



CENTERFACE® Fixation Full-pins Positive-thread Profile

	PART NUMBER	SHAFT/THREAD DIAMETER	FRACTIONAL EQUIVALENT	RECOMMENDED DRILL BIT	THREAD LENGTH	OVERALL LENGTH
2.0/2.5	20020	2.0mm / 2.5mm	—	2.0mm	15mm	95mm
	20332	2.4mm / 3.2mm	3/32" / 1/8"	2.3mm	19mm	100mm
SMALL	2033L	2.4mm / 3.2mm	3/32" / 1/8"	2.3mm	25mm	150mm
	20764	2.8mm / 3.5mm	7/64" / 9/64"	2.7mm	25mm	115mm
SMALL-PLUS	2076L	2.8mm / 3.5mm	7/64" / 9/64"	2.7mm	35mm	165mm
	20030	3.0mm / 3.5mm	—	3.0mm	28mm	120mm
3.0/3.5	20180	3.2mm / 4.0mm	1/8" / 5/32"	3.1mm	30mm	125mm
	2018L	3.2mm / 4.0mm	1/8" / 5/32"	3.1mm	45mm	175mm
MEDIUM	20964	3.5mm / 4.3mm	9/64" / 11/64"	3.5mm	35mm	140mm
	2096L	3.5mm / 4.3mm	9/64" / 11/64"	3.5mm	50mm	190mm
MEDIUM-PLUS	20532	4.0mm / 4.8mm	5/32" / 3/16"	3.9mm	38mm	150mm
	2053L	4.0mm / 4.8mm	5/32" / 3/16"	3.9mm	57mm	200mm
LARGE						

Add NP to part numbers to order No-Point pins



DuraFace® Fixation Half-pins Tapered Thread-run-out (TRO) Technology

	PART NUMBER	SHAFT/THREAD DIAMETER	FRACTIONAL EQUIVALENT	RECOMMENDED DRILL BIT	FUNCTIONAL THREAD LENGTH*	OVERALL LENGTH
2.5/2.5	17020SNP ^{††}	2.5mm / 2.5mm	—	2.0mm	10mm	80mm
	17020	2.5mm / 2.5mm	—	2.0mm	20mm	95mm
2.5/3.2	17332SNP ^{††}	3.2mm / 3.2mm	1/8" / 1/8"	2.3mm	15mm	90mm
	17332	3.2mm / 3.2mm	1/8" / 1/8"	2.3mm	25mm	100mm
SMALL	1733L	3.2mm / 3.2mm	1/8" / 1/8"	2.3mm	31mm	150mm
	17764SNP ^{††}	3.5mm / 3.5mm	9/64" / 9/64"	2.7mm	18mm	95mm
SMALL-PLUS	17764	3.5mm / 3.5mm	9/64" / 9/64"	2.7mm	28mm	110mm
	1776L	3.5mm / 3.5mm	9/64" / 9/64"	2.7mm	50mm	150mm
MEDIUM	17180SNP ^{††}	4.0mm / 4.0mm	5/32" / 5/32"	3.1mm	21mm	100mm
	17180	4.0mm / 4.0mm	5/32" / 5/32"	3.1mm	31mm	115mm
MEDIUM-PLUS	1718L	4.0mm / 4.0mm	5/32" / 5/32"	3.1mm	50mm	150mm
	17964SNP ^{††}	4.3mm / 4.3mm	—	3.5mm	24mm	120mm
MEDIUM-PLUS	17964	4.3mm / 4.3mm	—	3.5mm	35mm	130mm
	1796L	4.3mm / 4.3mm	—	3.5mm	54mm	175mm
LARGE	17532SNP ^{††}	4.8mm / 4.8mm	3/16" / 3/16"	3.9mm	27mm	140mm
	17532	4.8mm / 4.8mm	3/16" / 3/16"	3.9mm	38mm	150mm
LARGE	1753L	4.8mm / 4.8mm	3/16" / 3/16"	3.9mm	57mm	200mm

Add NP to part numbers to order No-Point pins * Thread length dimension includes trocar point

^{††} Duraface® shorts available in No-Point version only



MINIATURE INTERFACE® Half-pins

PART NUMBER	SHAFT DIAMETER	OVERALL LENGTH
03035	0.9mm (.035")	75mm
03045	1.1mm (.045")	75mm
03062	1.6mm (.062")	75mm
03078	2.0mm (.078")	75mm
03094	2.4mm (.094")	75mm

MINIATURE CENTERFACE® Full-pins

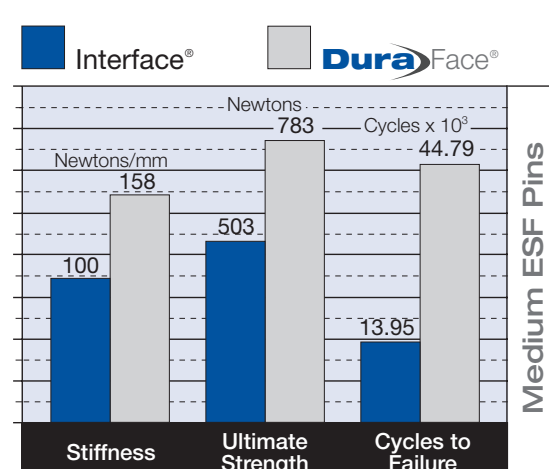
PART NUMBER	SHAFT DIAMETER	OVERALL LENGTH
02035	0.9mm (.035")	75mm
02045	1.1mm (.045")	75mm
02062	1.6mm (.062")	75mm

Additional use of a pin gauge is recommended when identifying unknown pins - especially miniature ESF pins.

DuraFace® Mechanical Attributes

Duraface® fixation half-pins contrasted to our legendary Interface® half-pins demonstrate:

- 55% Increase in average pin stiffness
- 54% Increase in average pin ultimate strength
- 2.3-4.9 fold increase in cyclic fatigue life



Griffin H, Toombs JP, Bronson DG, et al. Mechanical evaluation of a tapered thread-run-out half-pin designed for external skeletal fixation in small animals. Vet Comp Orthop Traumatol 2011; 4: 257-261.

Pin Gauge/Scale (Part #30009)



Utilize pin gauge with this chart to identify, inventory and reorder pins.

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