



Split dies

Cabling tools

www.estevesgroup.com



Highlights

- Dramatically cut your setup time
- Eliminates restringing
- Optimal die profile, tailored to your process
- Available in a wide size range



Esteves Group bunching, stranding, and compacting dies for high quality cable.

Split dies are commonly used as a replacement for regular bunching, stranding and compacting dies to dramatically cut the setup time of stranding machines. The use of split dies minimizes the necessity to restring a machine.

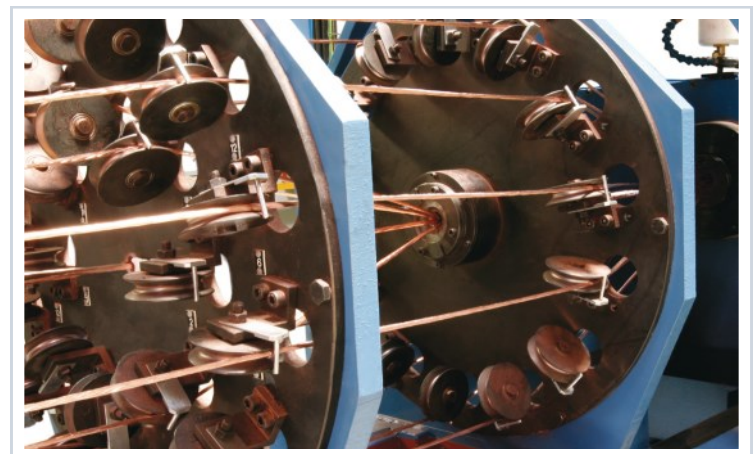
Esteves Group split dies have well blended profiles and highly polished surfaces enabling superior performance and wire quality.

Esteves Group offers a variety of materials for you to choose from to meet your cabling requirements.

Higher **throughput**, **easier die changes**, **less scrap**, and **higher quality** all add up to more profit for the wire and cable manufacturer.

We Specialize in...

- Wire Drawing Dies
- Bunching, Stranding & Compacting Dies
- Split Dies
- Tubing Dies
- Shaped Dies
- Extrusion Tooling
- Die Reconditioning Tools
- Engineering Services
- Customer Support





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Key Features

- Optimal die profile, tailored to your process
- Available in a wide size range
- Available in TC, PCD, and steel

Benefits

- Dramatically cut your setup time
- Eliminates restringing

Split Die specifications	Product name	PCD Split Die	TC Split Die	Steel Split Die		
Standard size range		3.50 – 20 mm [.1378 – .787"]	≥ 0.50 mm [≥ .020"]	≥ 3.50 mm [≥ .1378"]		
Standard tolerance	Tolerance depends on hole diameter					
Available angles	Matched to stranding process					
Standard angle tolerance	± 2°					
Blank (nib) material		Polycrystalline Diamond	Tungsten Carbide	Hardened Steel		
Tungsten Carbide Split Die Standard Tolerances <i>Tighter tolerances are available when required</i>	Metric tolerances [mm]			Imperial tolerances [inch]		
	Diameter	Tolerance		Diameter	Tolerance	
	0.500 - 1.321	+0 / -0.0076		.0200 - .052	+0 / -.0003	
	1.322 - 2.616	+0 / -0.0127		.0521 - .103	+0 / -.0005	
	2.617 - 7.493	+0 / -0.0254		.1031 - .295	+0 / -.001	
	7.494 - 12.70	+0 / -0.0508		.2951 - .500	+0 / -.002	
	12.701 - 25.4	+0 / -0.0762		.5001 - 1.00	+0 / -.003	
	≥ 25.401	Please contact Esteves Group		≥ .1001	Please contact Esteves Group	
PCD Split Die Standard Tolerances <i>Tighter tolerances are available when required</i>	Metric tolerances [mm]			Imperial tolerances [inch]		
	Diameter	Tolerance	Max. ovality	Diameter	Tolerance	Max. ovality
	3.500 - 5.500	+0 / -0.006	0.0035	.1380 - .2170	+0 / -.00024	.00014
	5.501 - 8.000	+0 / -0.007	0.004	.2171 - .3150	+0 / -.00028	.00016
	8.001 - 10.00	+0 / -0.008	0.004	.3151 - .3940	+0 / -.00031	.00016

More drawing die types, cabling tooling, and extrusion tools are available. Please contact **Esteves Group** for a quotation for your wire and cable tooling.

Drawing, and cabling tooling below:
TC dies, PCD dies, ND dies, bunching dies, extrusion tools

