

สปริงแม่พิมพ์ DIE SPRING



MADE IN JAPAN

| WORKING TIMES DESCRIPTION | 1 Million (% of Free length) | 0.5 Million (% of Free length) | 0.3 Million (% of Free length) | Max. DEFLECTION (% of Free length) | COLOR |
|------------------------------|-----------------------------------|-------------------------------------|-------------------------------------|---|--------|
| Lightest Load (SF) | 40.00% | 45.00% | 50.00% | Approx 58.0% | Yellow |
| Linght Load (SL) | 32.00% | 30.00% | 40.00% | Approx 48.0% | Blue |
| Medium Load (SM) | 2.56% | 28.80% | 32.00% | Approx 38.0% | Red |
| Heavy Load (SH) | 19.20% | 21.60% | 24.00% | Approx 28.0% | Green |
| Super Load (SB) | 15.00% | 18.00% | 20.00% | Approx 24.0% | Brown |

| D x L x H | สีเหลือง | สีน้ำเงิน | สีแดง | สีเขียว | สีน้ำตาล |
|-----------|----------|-----------|-------|---------|----------|
| 8 x 10 | SF | SL | SM | SH | SB |
| 15 | | | | | |
| 20 | | | | | |
| 25 | | | | | |
| (H4) 30 | | | | | |
| 35 | | | | | |
| 40 | | | | | |
| 45 | | | | | |
| 50 | | | | | |
| 55 | | | | | |
| 60 | | | | | |

| D x L x H | สีเหลือง | สีน้ำเงิน | สีแดง | สีเขียว | สีน้ำตาล |
|-----------|----------|-----------|-------|---------|----------|
| 10 x 20 | SF | SL | SM | SH | SB |
| 25 | | | | | |
| 30 | | | | | |
| 35 | | | | | |
| (H5) 40 | | | | | |
| 45 | | | | | |
| 50 | | | | | |
| 55 | | | | | |
| 60 | | | | | |
| 65 | | | | | |
| 70 | | | | | |
| 75 | | | | | |
| 80 | | | | | |

| D x L x H | สีเหลือง | สีน้ำเงิน | สีแดง | สีเขียว | สีน้ำตาล |
|-----------|----------|-----------|-------|---------|----------|
| 12 x 20 | SF | SL | SM | SH | SB |
| 25 | | | | | |
| 30 | | | | | |
| 35 | | | | | |
| (H6) 40 | | | | | |
| 45 | | | | | |
| 50 | | | | | |
| 55 | | | | | |
| 60 | | | | | |
| 65 | | | | | |
| 70 | | | | | |
| 75 | | | | | |
| 80 | | | | | |

| D x L x H | สีเหลือง | สีน้ำเงิน | สีแดง | สีเขียว | สีน้ำตาล |
|-----------|----------|-----------|-------|---------|----------|
| 14 x 25 | SF | SL | SM | SH | SB |
| 30 | | | | | |
| 35 | | | | | |
| 40 | | | | | |
| 45 | | | | | |
| (H7) 50 | | | | | |
| 55 | | | | | |
| 60 | | | | | |
| 65 | | | | | |
| 70 | | | | | |
| 75 | | | | | |
| 80 | | | | | |
| 90 | | | | | |

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|-----------|----------|-----------|-------|---------|----------|
| 16 x 25 | SF | SL | SM | SH | SB |
| 30 | | | | | |
| 35 | | | | | |
| 40 | | | | | |
| 45 | | | | | |
| 50 | | | | | |
| (H8) 55 | | | | | |
| 60 | | | | | |
| 65 | | | | | |
| 70 | | | | | |
| 75 | | | | | |
| 80 | | | | | |
| 90 | | | | | |
| 100 | | | | | |

| D x L x H | สีเหลือง | สีน้ำเงิน | สีแดง | สีเขียว | สีน้ำตาล |
|-----------|----------|-----------|-------|---------|----------|
| 18 x 25 | SF | SL | SM | SH | SB |
| 30 | | | | | |
| 35 | | | | | |
| 40 | | | | | |
| 45 | | | | | |
| 50 | | | | | |
| (H9) 55 | | | | | |
| 60 | | | | | |
| 65 | | | | | |
| 70 | | | | | |
| 75 | | | | | |
| 80 | | | | | |
| 90 | | | | | |
| 100 | | | | | |

| D x L x H | สีเหลือง | สีน้ำเงิน | สีแดง | สีเขียว | สีน้ำตาล |
|-----------|----------|-----------|-------|---------|----------|
| 20 x 25 | SF | SL | SM | SH | SB |
| 30 | | | | | |
| 35 | | | | | |
| 40 | | | | | |
| 45 | | | | | |
| 50 | | | | | |
| 55 | | | | | |
| 60 | | | | | |
| (H11) 65 | | | | | |
| 70 | | | | | |
| 75 | | | | | |
| 80 | | | | | |
| 90 | | | | | |
| 100 | | | | | |
| 125 | | | | | |
| 150 | | | | | |

| D x L x H | สีเหลือง | สีน้ำเงิน | สีแดง | สีเขียว | สีน้ำตาล |
|-----------|----------|-----------|-------|---------|----------|
| 22 x 25 | SF | SL | SM | SH | SB |
| 30 | | | | | |
| 35 | | | | | |
| 40 | | | | | |
| 45 | | | | | |
| 50 | | | | | |
| 55 | | | | | |
| 60 | | | | | |
| (H11) 65 | | | | | |
| 70 | | | | | |
| 75 | | | | | |
| 80 | | | | | |
| 90 | | | | | |
| 100 | | | | | |
| 125 | | | | | |
| 150 | | | | | |

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|-----------|----------|-----------|-------|---------|----------|
| 25 x 25 | SF | SL | SM | SH | SB |
| 30 | | | | | |
| 35 | | | | | |
| 40 | | | | | |
| 45 | | | | | |
| 50 | | | | | |
| (H13) 55 | | | | | |
| 60 | | | | | |
| 65 | | | | | |
| 70 | | | | | |
| 75 | | | | | |
| 80 | | | | | |
| 90 | | | | | |
| 100 | | | | | |
| 125 | | | | | |
| 150 | | | | | |
| 175 | | | | | |

| D x L x H | สีเหลือง | สีน้ำเงิน | สีแดง | สีเขียว | สีน้ำตาล |
|------------|----------|-----------|-------|---------|----------|
| 27 x 25 | SF | SL | SM | SH | SB |
| 30 | | | | | |
| 35 | | | | | |
| 40 | | | | | |
| 45 | | | | | |
| 50 | | | | | |
| (H13.5) 55 | | | | | |
| 60 | | | | | |
| 65 | | | | | |
| 70 | | | | | |
| 75 | | | | | |
| 80 | | | | | |
| 90 | | | | | |
| 100 | | | | | |
| 125 | | | | | |
| 150 | | | | | |
| 175 | | | | | |

| D x L x H | สีเหลือง | สีน้ำเงิน | สีแดง | สีเขียว | สีน้ำตาล |
|-----------|----------|-----------|-------|---------|----------|
| 30 x 25 | SF | SL | SM | SH | SB |
| 330 | | | | | |
| 35 | | | | | |
| 40 | | | | | |
| 45 | | | | | |
| (H16) 50 | | | | | |
| 55 | | | | | |
| 60 | | | | | |
| 65 | | | | | |
| 70 | | | | | |
| 75 | | | | | |
| 80 | | | | | |
| (H19) 90 | | | | | |
| 100 | | | | | |
| 125 | | | | | |
| 150 | | | | | |
| 175 | | | | | |
| 200 | | | | | |

| D x L x H | สีเหลือง | สีน้ำเงิน | สีแดง | สีเขียว | สีน้ำตาล |
|-----------|----------|-----------|-------|---------|----------|
| 35 x 40 | SF | SL | SM | SH | SB |
| 45 | | | | | |
| 50 | | | | | |
| 55 | | | | | |
| 60 | | | | | |
| 65 | | | | | |
| (H19) 70 | | | | | |
| 75 | | | | | |
| 80 | | | | | |
| 90 | | | | | |
| 100 | | | | | |
| 125 | | | | | |
| 150 | | | | | |
| 175 | | | | | |
| 200 | | | | | |

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|-----------|----------|-----------|-------|---------|----------|
| 40 x 40 | SF | SL | SM | SH | SB |
| 50 | | | | | |
| 60 | | | | | |
| 70 | | | | | |
| 80 | | | | | |
| (H22) 90 | | | | | |
| 100 | | | | | |
| 125 | | | | | |
| 150 | | | | | |
| 175 | | | | | |
| 200 | | | | | |
| 250 | | | | | |

| D x L x H | สีเหลือง | สีน้ำเงิน | สีแดง | สีเขียว | สีน้ำตาล |
|-------------|----------|-----------|-------|---------|----------|
| 50 x 50 | SF | SL | SM | SH | SB |
| 60 | | | | | |
| 70 | | | | | |
| 80 | | | | | |
| 90 | | | | | |
| (H27.5) 100 | | | | | |
| 125 | | | | | |
| 150 | | | | | |
| 175 | | | | | |
| 200 | | | | | |
| 250 | | | | | |
| 300 | | | | | |

| D x L x H | สีเหลือง | สีน้ำเงิน | สีแดง | สีเขียว | สีน้ำตาล |
|-----------|----------|-----------|-------|---------|----------|
| 60 x 60 | SF | SL | SM | SH | SB |
| 70 | | | | | |
| 80 | | | | | |
| 90 | | | | | |
| 100 | | | | | |
| (H33) 125 | | | | | |
| 150 | | | | | |
| 175 | | | | | |
| 200 | | | | | |
| 250 | | | | | |
| 300 | | | | | |