

SCOSTAMENTI per FORI

Valori in μm

Conforme UNI - ISO 286 - 1990

| GRUPPI DI DIMENSIONI | A9 | A11 | B9 | B11 | C9 | C11 | D9 | D10 | D11 | E8 | E9 | F7 | F8 | F9 | G6 | G7 | H6 | H7 | H8 | H9 | H10 | H11 | H13 | J6 | J7 | J8 | K6 | K7 | K8 | M6 | M7 | M8 | N6 | N7 | N8 | P6 | P7 | R7 | R8 | S7 | |
|----------------------|-------|-------|------|------|------|------|------|------|--------|------|------|------|------|------|-----|-----|-----|-----|-----|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|-----|
| DA 1 | +295 | +330 | +165 | +200 | +85 | +120 | +45 | +60 | +80 | +28 | +39 | +16 | +20 | +31 | +8 | +12 | +6 | +10 | +14 | +25 | +40 | +60 | +140 | +2 | +4 | +6 | 0 | 0 | 0 | -2 | -2 | -2 | -4 | -4 | -4 | -6 | -6 | -10 | -10 | -14 | |
| A 3 | +270 | +270 | +140 | +140 | +60 | +60 | +20 | +20 | +20 | +14 | +14 | +6 | +6 | +6 | +2 | +2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -4 | -6 | -8 | -6 | -10 | -14 | -8 | -12 | -16 | -10 | -14 | -18 | -12 | -16 | -20 | -24 | -24 |
| OLTRE 3 | +300 | +345 | +170 | +215 | +100 | +145 | +60 | +78 | +105 | +38 | +50 | +22 | +28 | +40 | +12 | +16 | +8 | +12 | +18 | +30 | +48 | +75 | +180 | +5 | +6 | +10 | +2 | +3 | +5 | -1 | 0 | +2 | -5 | -4 | -2 | -9 | -8 | -11 | -15 | -15 | |
| A 6 | +270 | +270 | +140 | +140 | +70 | +70 | +30 | +30 | +30 | +20 | +20 | +10 | +10 | +10 | +4 | +4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -3 | -6 | -8 | -6 | -9 | -13 | -9 | -12 | -16 | -13 | -16 | -20 | -17 | -20 | -23 | -33 | -27 | |
| OLTRE 6 | +316 | +370 | +186 | +240 | +116 | +170 | +76 | +98 | +130 | +47 | +61 | +28 | +35 | +49 | +14 | +20 | +9 | +15 | +22 | +36 | +58 | +90 | +220 | +5 | +8 | +12 | +2 | +5 | +6 | -3 | 0 | +1 | -7 | -4 | -3 | -12 | -9 | -13 | -19 | -17 | |
| A 10 | +280 | +280 | +150 | +150 | +80 | +80 | +40 | +40 | +40 | +25 | +25 | +13 | +13 | +13 | +5 | +5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -4 | -7 | -10 | -7 | -10 | -16 | -12 | -15 | -21 | -16 | -19 | -25 | -21 | -24 | -28 | -41 | -32 | |
| OLTRE 10 | +333 | +400 | +193 | +260 | +138 | +205 | +93 | +120 | +160 | +59 | +75 | +34 | +43 | +59 | +17 | +24 | +11 | +18 | +27 | +43 | +70 | +110 | +270 | +6 | +10 | +15 | +2 | +6 | +8 | -4 | 0 | +2 | -9 | -5 | -3 | -15 | -11 | -16 | -23 | -21 | |
| A 18 | +290 | +290 | +150 | +150 | +95 | +95 | +50 | +50 | +50 | +32 | +32 | +16 | +16 | +16 | +6 | +6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -5 | -8 | -12 | -9 | -12 | -19 | -15 | -18 | -25 | -20 | -23 | -30 | -26 | -29 | -34 | -50 | -39 | |
| OLTRE 18 | +352 | +430 | +212 | +290 | +162 | +240 | +117 | +149 | +195 | +73 | +92 | +41 | +53 | +72 | +20 | +28 | +13 | +21 | +33 | +52 | +84 | +130 | +330 | +8 | +12 | +20 | +2 | +6 | +10 | -4 | 0 | +4 | -11 | -7 | -3 | -18 | -14 | -20 | -28 | -27 | |
| A 30 | +300 | +300 | +160 | +160 | +110 | +110 | +55 | +65 | +65 | +40 | +40 | +20 | +20 | +20 | +7 | +7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -5 | -9 | -13 | -11 | -15 | -23 | -17 | -21 | -29 | -24 | -28 | -36 | -31 | -35 | -41 | -61 | -48 | |
| OLTRE 30 | +372 | +470 | +232 | +330 | +182 | +280 | +142 | +180 | +240 | +89 | +112 | +50 | +64 | +87 | +25 | +34 | +16 | +25 | +39 | +62 | +100 | +160 | +390 | +10 | +14 | +24 | +3 | +7 | +12 | -4 | 0 | +5 | -12 | -8 | -3 | -21 | -17 | -25 | -34 | -34 | |
| A 40 | +310 | +310 | +170 | +170 | +120 | +120 | +80 | +80 | +80 | +50 | +50 | +25 | +25 | +25 | +9 | +9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -6 | -11 | -15 | -13 | -18 | -27 | -20 | -25 | -34 | -28 | -33 | -42 | -37 | -42 | -50 | -73 | -59 | |
| OLTRE 40 | +382 | +480 | +242 | +340 | +192 | +290 | +142 | +180 | +240 | +89 | +112 | +50 | +64 | +87 | +25 | +34 | +16 | +25 | +39 | +62 | +100 | +160 | +390 | +10 | +14 | +24 | +3 | +7 | +12 | -4 | 0 | +5 | -12 | -8 | -3 | -21 | -17 | -25 | -34 | -34 | |
| A 50 | +320 | +320 | +180 | +180 | +130 | +130 | +80 | +80 | +80 | +50 | +50 | +25 | +25 | +25 | +9 | +9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -6 | -11 | -15 | -13 | -18 | -27 | -20 | -25 | -34 | -28 | -33 | -42 | -37 | -42 | -50 | -73 | -59 | |
| OLTRE 50 | +414 | +530 | +264 | +380 | +214 | +330 | +174 | +220 | +290 | +106 | +134 | +60 | +76 | +104 | +29 | +40 | +19 | +30 | +46 | +74 | +120 | +190 | +460 | +13 | +18 | +28 | +4 | +9 | +14 | -5 | 0 | +5 | -14 | -9 | -4 | -26 | -21 | -30 | -41 | -42 | |
| A 65 | +340 | +340 | +190 | +190 | +140 | +140 | +100 | +100 | +100 | +60 | +60 | +30 | +30 | +30 | +10 | +10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -6 | -12 | -18 | -15 | -21 | -32 | -24 | -30 | -41 | -33 | -39 | -50 | -45 | -51 | -60 | -87 | -72 | |
| OLTRE 65 | +434 | +550 | +274 | +390 | +224 | +340 | +174 | +220 | +290 | +106 | +134 | +60 | +76 | +104 | +29 | +40 | +19 | +30 | +46 | +74 | +120 | +190 | +460 | +13 | +18 | +28 | +4 | +9 | +14 | -5 | 0 | +5 | -14 | -9 | -4 | -26 | -21 | -32 | -43 | -48 | |
| A 80 | +360 | +360 | +200 | +200 | +150 | +150 | +100 | +100 | +100 | +60 | +60 | +30 | +30 | +30 | +10 | +10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -6 | -12 | -18 | -15 | -21 | -32 | -24 | -30 | -41 | -33 | -39 | -50 | -45 | -51 | -62 | -89 | -78 | |
| OLTRE 80 | +467 | +600 | +307 | +440 | +257 | +390 | +207 | +260 | +340 | +125 | +159 | +71 | +90 | +123 | +34 | +47 | +22 | +35 | +54 | +87 | +140 | +220 | +540 | +16 | +22 | +34 | +4 | +10 | +16 | -6 | 0 | +6 | -16 | -10 | -4 | -30 | -24 | -38 | -51 | -58 | |
| A 100 | +380 | +380 | +220 | +220 | +170 | +170 | +120 | +120 | +120 | +72 | +72 | +36 | +36 | +36 | +12 | +12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -6 | -13 | -20 | -18 | -25 | -38 | -28 | -35 | -48 | -38 | -45 | -58 | -52 | -59 | -73 | -105 | -93 | |
| OLTRE 100 | +497 | +630 | +327 | +460 | +267 | +400 | +207 | +260 | +340 | +125 | +159 | +71 | +90 | +123 | +34 | +47 | +22 | +35 | +54 | +87 | +140 | +220 | +540 | +16 | +22 | +34 | +4 | +10 | +16 | -6 | 0 | +6 | -16 | -10 | -4 | -30 | -24 | -41 | -54 | -66 | |
| A 120 | +410 | +410 | +240 | +240 | +180 | +180 | +120 | +120 | +120 | +72 | +72 | +36 | +36 | +36 | +12 | +12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -6 | -13 | -20 | -18 | -25 | -38 | -28 | -35 | -48 | -38 | -45 | -58 | -52 | -59 | -76 | -108 | -101 | |
| OLTRE 120 | +560 | +710 | +360 | +510 | +300 | +450 | +245 | +305 | +395 | +148 | +185 | +83 | +106 | +143 | +39 | +54 | +25 | +40 | +63 | +100 | +160 | +250 | +630 | +18 | +26 | +41 | +4 | +12 | +20 | -8 | 0 | +8 | -20 | -12 | -4 | -36 | -28 | -48 | -63 | -77 | |
| A 140 | +460 | +460 | +260 | +260 | +200 | +200 | +145 | +145 | +145 | +85 | +85 | +43 | +43 | +43 | +14 | +14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -7 | -14 | -22 | -21 | -28 | -43 | -33 | -40 | -55 | -45 | -52 | -67 | -61 | -68 | -88 | -126 | -117 | |
| OLTRE 140 | +620 | +770 | +380 | +530 | +310 | +460 | +345 | +305 | +395 | +148 | +185 | +83 | +106 | +143 | +39 | +54 | +25 | +40 | +63 | +100 | +160 | +250 | +630 | +18 | +26 | +41 | +4 | +12 | +20 | -8 | 0 | +8 | -20 | -12 | -4 | -36 | -28 | -50 | -65 | -85 | |
| A 160 | +520 | +520 | +280 | +280 | +210 | +210 | +145 | +145 | +145 | +85 | +85 | +43 | +43 | +43 | +14 | +14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -7 | -14 | -22 | -21 | -28 | -43 | -33 | -40 | -55 | -45 | -52 | -67 | -61 | -68 | -90 | -128 | -125 | |
| OLTRE 160 | +680 | +830 | +410 | +560 | +330 | +480 | +245 | +305 | +395 | +148 | +185 | +83 | +106 | +143 | +39 | +54 | +25 | +40 | +63 | +100 | +160 | +250 | +630 | +18 | +26 | +41 | +4 | +12 | +20 | -8 | 0 | +8 | -20 | -12 | -4 | -36 | -28 | -53 | -68 | -93 | |
| A 180 | +580 | +580 | +310 | +310 | +230 | +230 | +145 | +145 | +145 | +85 | +85 | +43 | +43 | +43 | +14 | +14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -7 | -14 | -22 | -21 | -28 | -43 | -33 | -40 | -55 | -45 | -52 | -67 | -61 | -68 | -93 | -131 | -133 | |
| OLTRE 180 | +775 | +950 | +455 | +630 | +355 | +530 | +285 | +355 | +460 | +172 | +215 | +96 | +122 | +165 | +44 | +61 | +29 | +46 | +72 | +115 | +185 | +290 | +720 | +22 | +30 | +47 | +5 | +13 | +22 | -8 | 0 | +9 | -22 | -14 | -5 | -41 | -33 | -60 | -77 | -105 | |
| A 200 | +660 | +660 | +340 | +340 | +240 | +240 | +170 | +170 | +170 | +100 | +100 | +50 | +50 | +50 | +15 | +15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -7 | -16 | -25 | -24 | -33 | -50 | -37 | -46 | -63 | -51 | -60 | -77 | -70 | -79 | -106 | -149 | -151 | |
| OLTRE 200 | +855 | +1030 | +495 | +670 | +375 | +550 | +285 | +355 | +460 | +172 | +215 | +96 | +122 | +165 | +44 | +61 | +29 | +46 | +72 | +115 | +185 | +290 | +720 | +22 | +30 | +47 | +5 | +13 | +22 | -8 | 0 | +9 | -22 | -14 | -5 | -41 | -33 | -63 | -80 | -113 | |
| A 225 | +740 | +740 | +380 | +380 | +260 | +260 | +170 | +170 | +170 | +100 | +100 | +50 | +50 | +50 | +15 | +15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -7 | -16 | -25 | -24 | -33 | -50 | -37 | -46 | -63 | -51 | -60 | -77 | -70 | -79 | -109 | -152 | -159 | |
| OLTRE 225 | +935 | +1110 | +535 | +710 | +395 | +570 | +285 | +355 | +460 | +172 | +215 | +96 | +122 | +165 | +44 | +61 | +29 | +46 | +72 | +115 | +185 | +290 | +720 | +22 | +30 | +47 | +5 | +13 | +22 | -8 | 0 | +9 | -22 | -14 | -5 | -41 | -33 | -67 | -84 | -123 | |
| A 250 | +820 | +820 | +420 | +420 | +280 | +280 | +170 | +170 | +170 | +100 | +100 | +50 | +50 | +50 | +15 | +15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -7 | -16 | -25 | -24 | -33 | -50 | -37 | -46 | -63 | -51 | -60 | -77 | -70 | -79 | -113 | -156 | -169 | |
| OLTRE 250 | +1050 | +1240 | +610 | +800 | +430 | +620 | +320 | +400 | +510 | +191 | +240 | +108 | +137 | +186 | +49 | +69 | +32 | +52 | +81 | +130 | +210 | +320 | +810 | +25 | +36 | +55 | +5 | +16 | +25 | -9 | 0 | +9 | -25 | -14 | -5 | -47 | -36 | -74 | -94 | -138 | |
| A 280 | +920 | +920 | +480 | +480 | +300 | +300 | +190 | +190 | +190 | +110 | +110 | +56 | +56 | +56 | +17 | +17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -7 | -16 | -26 | -27 | -36 | -56 | -41 | -52 | -72 | -57 | -66 | -86 | -79 | -88 | -126 | -175 | -190 | |
| OLTRE 280 | +1180 | +1370 | +670 | +860 | +460 | +650 | +320 | +400 | +510 | +191 | +240 | +108 | +137 | +186 | +49 | +69 | +32 | +52 | +81 | +130 | +210 | +320 | +810 | +25 | +36 | +55 | +5 | +16 | +25 | -9 | 0 | +9 | -25 | -14 | -5 | -47 | -36 | -78 | -98 | -150 | |
| A 315 | +1050 | +1050 | +540 | +540 | +330 | +330 | +190 | +190 | +190 | +110 | +110 | +56 | +56 | +56 | +17 | +17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -7 | -16 | -26 | -27 | -36 | -56 | -41 | -52 | -72 | -57 | -66 | -86 | -79 | -88 | -130 | -179 | -202 | |
| OLTRE 315 | +1340 | +1560 | +740 | +960 | +500 | +720 | +350 | +440 | +570 | +214 | +265 | +119 | +151 | +202 | +54 | +75 | +36 | +57 | +89 | +140 | +230 | +360 | +890 | +29 | +39 | +60 | +7 | +17 | +28 | -10 | 0 | +11 | -26 | -16 | -5 | -51 | -41 | -87 | -108 | -169 | |
| A 355 | +1200 | +1200 | +600 | +600 | +360 | +360 | +210 | +210 | +210</ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |