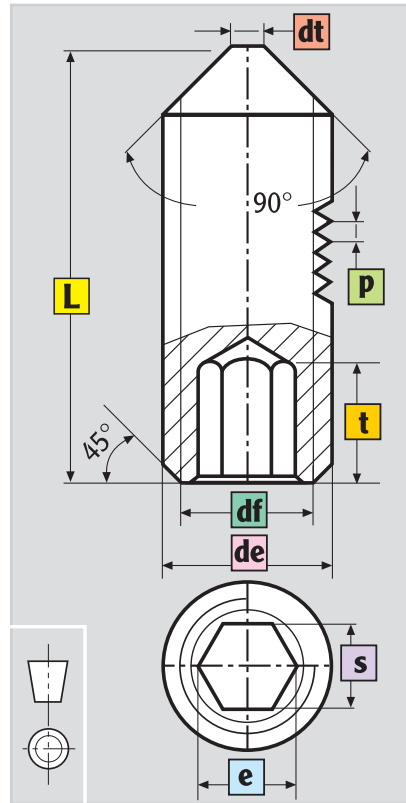




## CONE POINT STANDARD SOCKET SET SCREWS UNI/DIN EN ISO 4027 (ex UNI 5927 – DIN 914)

Cone point socket set screws are used on material suitable for being penetrated by the point, in order to result in stable assemblies (e.g. handles, fittings). **ARSER cone points** are particularly precise and sharp, thanks to the turning finishing, and are particularly efficient for good-quality assemblies.



### REDUCED SOCKET DEPTH

SIZES ABOVE THE RED LINE

As regards sizes of length equal to the diameter, ARSER obtains the depths of reduced sockets of values greater than those in the rule. As regards lengths shorter than the diameter, the socket depth is reduced proportionally.

**POINT CONICITY 120°**

SIZES ABOVE THE RED LINE

**Note:** The conicity of ARSER points is 90° for all sizes of length greater than the diameter

### STANDARD SOCKET DEPTH

SIZES UNDER THE RED LINE

**POINT CONICITY 90°**

SIZES UNDER THE RED LINE

SIZES (mm)

THREAD d			M 2	M 2,5	M 3	M 4	M 5	M 6	M 8	M 10	M 12	M 14	M 16	M 18	M 20	M 22	M 24	M 30
p	Standard pitch		0,40	0,45	0,50	0,70	0,80	1,00	1,25	1,50	1,75	2,00	2,00	2,50	2,50	2,50	3,00	3,50
de	External diameter	Max	1,98	2,48	2,98	3,97	4,97	5,97	7,97	9,96	11,96	13,96	15,96	17,95	19,95	21,95	23,95	29,94
		Min	1,88	2,38	2,87	3,83	4,82	5,79	7,76	9,73	11,70	13,68	15,68	17,62	19,62	21,62	23,57	29,52
df	Root diameter	Max	1,49	1,92	2,36	3,11	3,99	4,74	6,43	8,12	9,81	11,50	13,50	14,89	16,89	18,89	20,27	25,65
		Min	1,39	1,83	2,26	2,98	3,84	4,56	6,23	7,89	9,54	11,20	13,20	14,54	16,54	18,54	19,86	25,19
dt	Point diameter (**)	Max	0,50	0,65	6,75	1,00	1,25	1,50	2,00	2,50	3,00	4,00	4,00	5,00	5,00	6,00	6,00	10,00
s	Hexagon size	Nom	0,90	1,30	1,50	2,00	2,50	3,00	4,00	5,00	6,00	6,00	8,00	10,00	10,00	12,00	12,00	14,00
		Max	0,91	1,30	1,58	2,08	2,58	3,08	4,09	5,14	6,14	6,14	8,17	10,17	10,17	12,21	12,21	14,14
		Min	0,88	1,27	1,52	2,02	2,52	3,02	4,02	5,02	6,02	6,02	8,02	10,02	10,02	12,03	12,03	14,03
e	Hexagon diagonal	Min	1,01	1,45	1,73	2,30	2,87	3,44	4,58	5,72	6,86	6,86	9,14	11,42	11,42	13,71	13,71	16,20
t	Minimum socket depth (*)	Standard	1,70	2,00	2,00	2,50	3,00	3,50	5,00	6,00	8,00	9,00	10,00	11,00	12,00	13,50	15,00	18,00
		Reduced	0,80	1,20	1,20	1,50	2,00	2,00	3,00	4,00	4,80	5,60	6,40	7,20	8,00	9,00	10,00	13,00

(\*\*) **POINT DIAMETER:** ARSER uses point diameters significantly lower than the maximum as per the rule.

LENGTH				M 2	M 2,5	M 3	M 4	M 5	M 6	M 8	M 10	M 12	M 14	M 16	M 18	M 20	M 22	M 24	M 30
L	Nom.	Tol.	min	max															
	2		1,80	2,20															
	2,5	± 0,20	2,30	2,70															
	3		2,80	3,20															
	4		3,76	4,24															
	5	± 0,24	4,76	5,24															
	6		5,76	6,24															
	7		6,71	7,29															
	8	± 0,29	7,71	8,29															
	10		9,71	10,29															
	12		11,65	12,35															
	14		13,65	14,35															
	15	± 0,35	14,65	15,35															
	16		15,65	16,35															
	18		17,65	18,35															
	20		19,58	20,42															
	22		21,58	22,42															
	25	± 0,42	24,58	25,42															
	30		29,58	30,42															
	35		34,50	35,50															
	40		39,50	40,50															
	45	± 0,50	44,50	45,50															
	50		49,50	50,50															
	55		54,40	55,60															
	60		59,40	60,60															
	65		64,40	65,60															
	70	± 0,60	69,40	70,60															
	75		74,40	75,60															
	80		79,40	80,60															
	85		84,30	85,70															
	90		89,30	90,70															
	95	± 0,70	94,30	95,70															
	100		99,30	100,70															

SOCKET SET SCREWS (ISO)

SOCKET SET SCREWS (NON ISO)

THE TABLE ABOVE SHOWS THE ARSER PRODUCTION RANGE

Sizes in green fields are NOT envisaged by ISO. They may require a minimum production batch.